UNITED STATES
DEPARTMENT OF AGRICULTURE

NATIONAL AGRICULTURAL STATISTICS SERVICE

AGRICULTURAL STATISTICS 1999

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON: 1999

For sale by the U.S. Government Printing Office
Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402–9328
ISBN O–16–036158–3

Agricultural Statistics, 1999

Agricultural Statistics, 1999 was prepared under the direction of BILL PRATT, Agricultural Statistics Board, National Agricultural Statistics Service. ROSE PETRONE was responsible for coordination and technical editorial work.

The USDA and NASS invite you to explore their information on the Internet. The USDA Home Page address is **http://www.usda.gov/** and the NASS Home Page address is: **http://www.usda.gov/nass/.**

For information on NASS products you may call the **Agricultural Statistics Hotline, 1–800–727–9540 or send e-mail to nass@nass.usda.gov.**

The cooperation of the many contributors to this publication is gratefully acknowledged. Source notes below each table credit the various Government agencies which collaborated in furnishing information.

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 1989 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.

*ERR11*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
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, 1988–97 [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*
1988	169.9	206.3	2.0	378.1	188.1	103.6	291.6	86.5
1989	86.5	284.0	2.3	372.7	204.5	106.7	311.3	61.4
1990	61.4	312.1	2.8	376.3	220.0	83.8	303.8	72.5
1991	72.5	279.7	3.8	356.0	220.2	87.6	307.9	48.2
1992	48.2	352.7	3.6	404.5	233.7	91.5	325.2	79.3
1993	79.3	258.8	7.3	345.4	224.2	77.2	301.4	44.0
1994	44.0	355.6	6.2	405.9	246.1	99.3	345.3	60.5
1995	60.5	277.3	5.0	342.8	216.5	100.5	317.0	25.8
1996	25.8	335.5	5.9	367.2	244.5	82.3	326.9	40.3
1997 [3]	40.3	336.3	5.9	382.5	246.0	77.4	323.4	59.1

[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.

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

Table 1-2.—Wheat: Area, yield, production, and value, United States, 1989–98

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*
1989	76,615	62,189	32.7	2,036,618	3.72	7,542,464
1990	77,041	69,103	39.5	2,729,778	2.61	7,166,888
1991	69,881	57,803	34.3	1,980,139	3.00	5,954,912
1992	72,219	62,761	39.3	2,466,798	3.24	8,009,711
1993	72,168	62,712	38.2	2,396,440	3.26	7,647,527
1994	70,349	61,770	37.6	2,320,981	3.45	7,968,237
1995	69,031	60,955	35.8	2,182,708	4.55	9,787,213
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	65,871	59,002	43.2	2,550,383	2.70	6,931,996

[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, 1989–98

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*
1989	55,091	41,509	35.0	1,454,642	3.78	5,450,176
1990	56,748	49,721	40.7	2,024,224	2.62	5,376,551
1991	51,024	39,506	34.7	1,371,617	2.92	4,009,797
1992	50,922	42,123	38.2	1,609,284	3.24	5,226,189
1993	51,587	43,811	40.2	1,760,143	3.03	5,287,607
1994	49,197	41,355	40.2	1,661,943	3.37	5,578,351
1995	48,591	40,987	37.7	1,545,303	4.41	6,717,800
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	1,880,605	2.50	4,774,374
	Durum wheat					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1989	3,791	3,673	25.1	92,229	3.46	316,838
1990	3,570	3,507	34.9	122,430	2.63	318,922
1991	3,253	3,197	32.5	103,957	2.82	300,621
1992	2,547	2,519	39.7	99,906	3.05	306,498
1993	2,241	2,100	33.6	70,476	4.48	324,049
1994	2,823	2,715	35.6	96,747	4.62	449,041
1995	3,436	3,356	30.5	102,280	5.65	567,541
1996	3,630	3,556	32.6	116,090	4.67	541,993
1997	3,310	3,177	27.6	87,793	4.92	422,497
1998	3,805	3,728	37.8	141,069	3.40	515,152
	Other spring wheat [3]					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1989	17,733	17,007	28.8	489,747	3.61	1,775,450
1990	16,723	15,875	36.7	583,124	2.58	1,471,415
1991	15,604	15,100	33.4	504,565	3.15	1,644,494
1992	18,750	18,119	41.8	757,608	3.29	2,477,024
1993	18,340	16,801	33.7	565,821	3.58	2,035,871
1994	18,329	17,700	31.8	562,291	3.42	1,940,845
1995	17,004	16,612	32.2	535,125	4.59	2,501,872
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	15,617	15,148	34.9	528,709	3.05	1,642,470

[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.

NASS, Crops Branch, (202) 720–2127.

Table 1-4.—Wheat: Stocks on and off farms, United States, 1989–98

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*
1989	832,000	592,000	376,000	212,500	1,086,046	830,490	567,109	323,955
1990	1,000,000	763,200	532,920	341,210	1,411,088	1,146,734	864,761	526,924
1991	840,000	566,800	277,550	144,605	1,214,736	881,000	614,425	330,416
1992	990,400	672,000	378,000	183,820	1,130,165	919,735	670,291	346,832
1993	987,000	653,100	363,200	175,255	1,145,607	932,634	664,787	393,229
1994	859,800	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	NA	NA	1,499,770	1,211,746	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*
1989	79,150	61,827	46,898	30,836	42,431	38,361	31,545	19,385
1990	100,050	86,315	58,759	43,353	31,330	25,811	23,679	18,862
1991	94,160	77,460	56,279	35,700	33,897	24,139	23,046	19,162
1992	92,490	77,190	53,615	33,022	20,905	25,456	24,876	15,965
1993	83,950	50,500	21,645	11,022	20,918	26,398	19,853	16,836
1994	74,220	44,428	26,060	12,240	17,526	21,113	16,801	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	NA	NA	37,908	34,019	NA	NA

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

NASS, Crops Branch, (202) 720–2127.

Table 1-5.—Wheat: Supply and disappearance, United States, 1988–97

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*
1988	1,261	1,812	23	3,096	726	103	150	979	1,415	2,394	702
1989	702	2,037	22	2,761	749	104	139	992	1,232	2,224	536
1990	536	2,730	36	3,303	790	93	482	1,365	1,069	2,435	868
1991	868	1,980	41	2,889	789	98	244	1,132	1,282	2,414	475
1992	475	2,467	70	3,012	835	99	194	1,128	1,354	2,481	531
1993	531	2,396	109	3,036	872	96	272	1,240	1,228	2,467	568
1994	568	2,321	92	2,981	853	89	345	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	1,001	2,302	444
1997 [3]	444	2,481	95	3,020	917	93	248	1,257	1,040	2,297	722

[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.

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

Table 1-6.—Wheat: Supply and disappearance, by class, United States, 1994–97 [1]

Item	Year beginning June			
	1994	1995	1996	1997
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*
All wheat:				
Stocks, June 1	568	507	376	444
Production	2,321	2,183	2,285	2,527
Supply [2]	2,981	2,757	2,753	3,065
Exports [3]	1,188	1,241	1,001	1,040
Domestic disappearance	1,287	1,140	1,308	1,302
Stocks, May 31	507	376	444	722
Hard red winter:				
Stocks, June 1	227	194	154	143
Production	971	825	761	1,121
Supply [2]	1,202	1,019	915	1,264
Exports [3]	422	384	286	358
Domestic disappearance	586	481	486	600
Stocks, May 31	194	154	143	306
Soft red winter:				
Stocks, June 1	45	37	35	45
Production	434	456	422	484
Supply [2]	480	492	457	529
Exports [3]	212	250	140	180
Domestic disappearance	231	207	272	269
Stocks, May 31	37	35	45	80
Hard red spring:				
Stocks, June 1	201	193	106	166
Production	515	475	631	501
Supply [2]	767	698	790	723
Exports [3]	292	330	300	240
Domestic disappearance	282	262	324	263
Stocks, May 31	193	106	166	220
Durum:				
Stocks, June 1	28	26	26	31
Production	97	102	116	86
Supply [2]	147	147	166	146
Exports [3]	40	39	38	57
Domestic disappearance	81	82	97	63
Stocks, May 31	26	26	31	26
White:				
Stocks, June 1	67	57	55	59
Production	304	325	355	335
Supply [2]	386	401	425	402
Exports [3]	222	238	237	205
Domestic disappearance	107	108	129	107
Stocks, May 31	57	55	59	90

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

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

Table 1-7.—Wheat: Area, yield, and production, by States, 1996–98

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	110	130	120	80	90	85	44.0	42.0	42.0	3,520	3,780	3,570
AZ	180	100	153	178	98	152	90.4	89.5	104.2	16,090	8,775	15,840
AR	1,300	880	980	1,240	820	900	54.0	48.0	51.0	66,960	39,360	45,900
CA	780	655	680	688	544	555	75.2	76.6	69.5	51,750	41,680	38,550
CO	2,870	3,053	2,812	2,268	2,750	2,610	33.3	32.8	39.7	75,500	90,100	103,710
DE	80	75	75	78	73	73	53.0	73.0	51.0	4,134	5,329	3,723
FL	13	20	15	10	17	13	38.0	39.0	43.0	380	663	559
GA	380	400	290	330	350	240	48.0	44.0	43.0	15,840	15,400	10,320
ID	1,620	1,500	1,350	1,560	1,430	1,280	76.4	79.6	80.0	119,200	113,830	102,410
IL	1,650	1,150	1,250	1,100	1,090	1,200	38.0	61.0	48.0	41,800	66,490	57,600
IN	850	700	700	720	630	650	38.0	58.0	55.0	27,360	36,540	35,750
IA	52	27	40	40	25	32	35.0	42.0	40.0	1,400	1,050	1,280
KS	11,800	11,400	10,700	8,800	10,900	10,100	29.0	46.0	49.0	255,200	501,400	494,900
KY	700	650	750	530	420	550	53.0	54.0	45.0	28,090	22,680	24,750
LA	140	130	100	130	115	90	43.0	37.0	44.0	5,590	4,255	3,960
MD	235	215	225	227	210	215	52.0	68.0	50.0	11,804	14,280	10,750
MI	680	530	600	600	520	570	38.0	62.0	54.0	22,800	32,240	30,780
MN	2,595	2,520	2,015	2,542	2,415	1,982	41.9	32.0	40.6	106,582	77,300	80,444
MS	245	200	160	230	175	150	49.0	43.0	45.0	11,270	7,525	6,750
MO	1,600	1,150	1,350	1,250	1,080	1,250	39.0	54.0	46.0	48,750	58,320	57,500
MT	6,640	6,150	5,650	6,360	5,840	5,280	27.5	31.1	32.0	174,980	181,540	168,790
NE	2,300	2,000	1,900	2,100	1,900	1,800	35.0	37.0	46.0	73,500	70,300	82,800
NV	21	21	16	19	19	14	86.8	98.7	88.6	1,650	1,875	1,240
NJ	46	40	48	38	38	44	46.0	60.0	52.0	1,748	2,280	2,288
NM	470	430	415	110	285	265	37.0	35.0	30.0	4,070	9,975	7,950
NY	160	135	140	150	130	130	43.0	56.0	54.0	6,450	7,280	7,020
NC	630	730	730	590	670	680	44.0	51.0	41.0	25,960	34,170	27,880
ND	12,680	11,625	9,770	12,515	11,095	9,610	31.6	24.3	32.3	395,130	269,290	310,650
OH	1,400	1,180	1,200	1,330	1,090	1,160	39.0	63.0	64.0	51,870	68,670	74,240
OK	6,800	6,700	6,600	4,900	5,300	5,100	19.0	32.0	39.0	93,100	169,600	198,900
OR	940	955	910	920	935	885	70.7	64.6	65.0	65,085	60,390	57,490
PA	195	180	195	190	175	190	48.0	52.0	51.0	9,120	9,100	9,690
SC	280	310	265	270	300	240	45.0	50.0	32.0	12,150	15,000	7,680
SD	4,325	4,020	3,475	3,854	3,419	3,294	36.1	28.7	36.7	139,270	98,013	120,884
TN	600	550	570	380	360	370	44.0	45.0	41.0	16,720	16,200	15,170
TX	6,000	6,300	6,100	2,900	4,100	3,900	26.0	29.0	35.0	75,400	118,900	136,500
UT	202	195	179	185	189	173	40.3	46.3	51.1	7,455	8,742	8,834
VA	300	280	280	275	260	245	53.0	67.0	45.0	14,575	17,420	11,025
WA	2,800	2,690	2,670	2,745	2,580	2,565	66.5	64.0	61.4	182,670	165,120	157,425
WV	14	13	11	11	9	8	45.0	54.0	57.0	495	486	456
WI	162	163	148	140	152	142	42.4	56.1	53.8	5,940	8,531	7,635
WY	260	260	234	236	242	210	25.6	31.4	32.3	6,030	7,587	6,790
US	75,105	70,412	65,871	62,819	62,840	59,002	36.3	39.5	43.2	2,277,388	2,481,466	2,550,383

[1] Includes area planted preceding fall.

NASS, Crops Branch, (202) 720–2127.

Table 1-8.—Wheat, by type: Area, yield, and production, by States, 1996–98

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	110	130	120	80	90	85	44.0	42.0	42.0	3,520	3,780	3,570
AZ	15	10	8	14	9	8	95.0	85.0	90.0	1,330	765	720
AR	1,300	880	980	1,240	820	900	54.0	48.0	51.0	66,960	39,360	45,900
CA	640	510	500	550	400	380	69.0	70.0	60.0	37,950	28,000	22,800
CO	2,800	3,000	2,750	2,200	2,700	2,550	32.0	32.0	39.0	70,400	86,400	99,450
DE	80	75	75	78	73	73	53.0	73.0	51.0	4,134	5,329	3,723
FL	13	20	15	10	17	13	38.0	39.0	43.0	380	663	559
GA	380	400	290	330	350	240	48.0	44.0	43.0	15,840	15,400	10,320
ID	900	910	820	860	860	770	80.0	80.0	82.0	68,800	68,800	63,140
IL	1,650	1,150	1,250	1,100	1,090	1,200	38.0	61.0	48.0	41,800	66,490	57,600
IN	850	700	700	720	630	650	38.0	58.0	55.0	27,360	36,540	35,750
IA	52	27	40	40	25	32	35.0	42.0	40.0	1,400	1,050	1,280
KS	11,800	11,400	10,700	8,800	10,900	10,100	29.0	46.0	49.0	255,200	501,400	494,900
KY	700	650	750	530	420	550	53.0	54.0	45.0	28,090	22,680	24,750
LA	140	130	100	130	115	90	43.0	37.0	44.0	5,590	4,255	3,960
MD	235	215	225	227	210	215	52.0	68.0	50.0	11,804	14,280	10,750
MI	680	530	600	600	520	570	38.0	62.0	54.0	22,800	32,240	30,780
MN	35	65	60	32	60	57	36.0	32.0	27.0	1,152	1,920	1,539
MS	245	200	160	230	175	150	49.0	43.0	45.0	11,270	7,525	6,750
MO	1,600	1,150	1,350	1,250	1,080	1,250	39.0	54.0	46.0	48,750	58,320	57,500
MT	2,150	1,600	1,400	1,980	1,450	1,250	31.0	38.0	39.0	61,380	55,100	48,750
NE	2,300	2,000	1,900	2,100	1,900	1,800	35.0	37.0	46.0	73,500	70,300	82,800
NV	10	15	7	9	14	6	100.0	100.0	100.0	900	1,400	600
NJ	46	40	48	38	38	44	46.0	60.0	52.0	1,748	2,280	2,288
NM	470	430	415	110	285	265	37.0	35.0	30.0	4,070	9,975	7,950
NY	160	135	140	150	130	130	43.0	56.0	54.0	6,450	7,280	7,020
NC	630	730	730	590	670	680	44.0	51.0	41.0	25,960	34,170	27,880
ND	80	75	70	75	65	60	30.0	22.0	35.0	2,250	1,430	2,100
OH	1,400	1,180	1,200	1,330	1,090	1,160	39.0	63.0	64.0	51,870	68,670	74,240
OK	6,800	6,700	6,600	4,900	5,300	5,100	19.0	32.0	39.0	93,100	169,600	198,900
OR	830	830	810	815	815	790	72.0	66.0	67.0	58,680	53,790	52,930
PA	195	180	195	190	175	190	48.0	52.0	51.0	9,120	9,100	9,690
SC	280	310	265	270	300	240	45.0	50.0	32.0	12,150	15,000	7,680
SD	2,000	1,650	1,500	1,580	1,150	1,420	35.0	30.0	43.0	55,300	34,500	61,060
TN	600	550	570	380	360	370	44.0	45.0	41.0	16,720	16,200	15,170
TX	6,000	6,300	6,100	2,900	4,100	3,900	26.0	29.0	35.0	75,400	118,900	136,500
UT	175	170	155	160	165	150	38.0	46.0	50.0	6,080	7,590	7,500
VA	300	280	280	275	260	245	53.0	67.0	45.0	14,575	17,420	11,025
WA	2,400	2,250	2,200	2,350	2,150	2,100	70.0	66.0	65.0	164,500	141,900	136,500
WV	14	13	11	11	9	8	45.0	54.0	57.0	495	486	456
WI	150	155	140	130	145	135	43.0	57.0	55.0	5,590	8,265	7,425
WY	230	240	220	210	225	200	25.0	31.0	32.0	5,250	6,975	6,400
US	51,445	47,985	46,449	39,574	41,340	40,126	37.1	44.6	46.9	1,469,618	1,845,528	1,880,605
	Durum wheat											
AZ	165	90	145	164	89	144	90.0	90.0	105.0	14,760	8,010	15,120
CA	140	145	180	138	144	175	100.0	95.0	90.0	13,800	13,680	15,750
MN	10	5	5	10	5	5	43.0	36.0	37.0	430	180	185
MT	290	300	450	280	290	430	25.0	26.0	28.0	7,000	7,540	12,040
ND	3,000	2,750	3,000	2,940	2,630	2,950	27.0	22.0	33.0	79,380	57,860	97,350
SD	25	20	25	24	19	24	30.0	27.0	26.0	720	513	624
US	3,630	3,310	3,805	3,556	3,177	3,728	32.6	27.6	37.8	116,090	87,783	141,069
	Other spring wheat											
CO	70	53	62	68	50	60	75.0	74.0	71.0	5,100	3,700	4,260
ID	720	590	530	700	570	510	72.0	79.0	77.0	50,400	45,030	39,270
MN	2,550	2,450	1,950	2,500	2,350	1,920	42.0	32.0	41.0	105,000	75,200	78,720
MT	4,200	4,250	3,800	4,100	4,100	3,600	26.0	29.0	30.0	106,600	118,900	108,000
NV	11	6	9	10	5	8	75.0	95.0	80.0	750	475	640
ND	9,600	8,800	6,700	9,500	8,400	6,600	33.0	25.0	32.0	313,500	210,000	211,200
OR	110	125	100	105	120	95	61.0	55.0	48.0	6,405	6,600	4,560
SD	2,300	2,350	1,950	2,250	2,250	1,850	37.0	28.0	32.0	83,250	63,000	59,200
UT	27	25	24	25	24	23	55.0	48.0	58.0	1,375	1,152	1,334
WA	400	440	470	395	430	465	46.0	54.0	45.0	18,170	23,220	20,925
WI	12	8	8	10	7	7	35.0	38.0	30.0	350	266	210
WY	30	20	14	26	17	10	30.0	36.0	39.0	780	612	390
US	20,030	19,117	15,617	19,689	18,323	15,148	35.1	29.9	34.9	691,680	548,155	528,709

[1] Area planted preceding fall.

NASS, Crops Branch, (202) 720–2127.

Table 1-9.—Wheat: Support operations, United States, 1989–98

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*
1989/90	0.32	2.05	4.10	114	5.6	62	117
1990/91	1.28	1.95	4.00	405	14.8	90	163
1991/92	([7]) 1.35	2.04	4.00	143	7.2	1	152
1992/93	0.81	2.21	4.00	240	9.8	0	150
1993/94	1.03	2.45	4.00	258	10.7	0	150
1994/95	0.61	2.58	4.00	231	10.0	0	142
1995/96	0.00	2.58	4.00	114	5.2	0	118
1996/97	0.874	2.58	NA	194	8.5	0	93
1997/98	0.631	2.58	NA	263	8.5	2	94
1998/99	0.660	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. Payments 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 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	4.50	3.20	2.60	15,840	12,096	9,282
AZ	5.00	4.70	3.85	79,320	40,745	72,936
AR	4.38	3.49	2.80	293,285	137,366	128,520
CA	4.98	3.82	3.05	256,887	162,430	150,300
CO	4.26	3.17	2.60	320,855	285,580	268,794
DE	4.33	3.07	2.40	17,900	16,360	8,935
FL	4.40	3.40	2.50	1,672	2,254	1,398
GA	4.38	3.19	2.60	69,379	49,126	26,832
ID	3.96	3.12	2.25	473,088	355,150	220,952
IL	4.12	3.14	2.45	172,216	208,779	141,120
IN	4.06	3.18	2.40	111,082	116,197	85,800
IA	4.10	3.16	2.75	5,740	3,318	3,520
KS	4.63	3.16	2.55	1,181,576	1,584,424	1,261,995
KY	4.33	3.24	2.20	121,630	73,483	54,450
LA	4.20	3.50	2.75	23,478	14,893	10,890
MD	4.31	3.15	2.45	50,875	44,982	26,338
MI	3.91	3.26	2.35	89,148	105,102	72,333
MN	4.25	3.52	3.20	453,024	272,592	256,172
MS	4.36	3.17	2.25	49,137	23,854	15,188
MO	4.12	3.09	2.40	200,850	180,209	138,000
MT	4.24	3.62	3.35	742,653	652,059	554,298
NE	4.29	3.20	2.60	315,315	224,960	215,280
NV	4.30	3.25	2.10	6,773	6,094	2,606
NJ	4.80	3.20	2.45	8,390	7,296	5,606
NM	5.10	3.25	2.65	20,757	32,419	21,068
NY	4.15	3.35	2.15	26,768	24,388	15,093
NC	4.20	3.20	2.50	109,032	109,344	69,700
ND	4.19	3.82	3.20	1,638,379	1,019,426	982,575
OH	3.94	3.16	2.30	204,368	216,997	170,752
OK	4.73	3.21	2.60	440,363	544,416	517,140
OR	4.20	3.55	2.60	273,165	213,705	149,702
PA	4.57	3.37	2.50	41,678	30,667	24,225
SC	4.35	3.20	2.50	52,853	48,000	19,200
SD	4.07	3.41	2.85	566,879	334,686	335,144
TN	4.40	3.30	2.65	73,568	53,460	40,201
TX	4.98	3.25	2.70	375,492	386,425	368,550
UT	4.40	3.32	2.70	33,106	29,015	23,893
VA	4.15	3.05	2.40	60,486	53,131	26,460
WA	4.14	3.39	2.60	755,680	560,608	401,933
WV	4.21	3.05	2.30	2,084	1,580	1,049
WI	3.95	3.00	2.10	23,464	25,593	16,034
WY	4.00	3.10	2.70	24,003	23,532	17,732
US	4.30	3.38	2.70	9,782,238	8,286,741	6,931,996

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 1995/96–1997/98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	11,141	12,262	11,410	2.25	2.43	2.13	25,037	29,801	24,280
Mexico	929	809	810	3.73	3.84	4.32	3,468	3,107	3,500
UnitedStates	24,664	25,466	25,729	2.41	2.44	2.67	59,400	62,191	68,761
Total	36,734	38,537	37,949	2.39	2.47	2.54	87,905	95,099	96,541
South America:									
Argentina	4,500	7,100	5,700	1.91	2.24	2.6	8,600	15,900	14,800
Bolivia	125	130	190	0.96	0.77	0.79	120	100	150
Brazil	1,035	1,833	1,522	1.47	1.74	1.58	1,526	3,195	2,400
Chile	370	405	382	2.89	3.86	3.8	1,070	1,562	1,450
Colombia	31	22	19	2.06	2.05	1.58	64	45	30
Ecuador	32	30	25	0.56	0.53	0.6	18	16	15
Paraguay	175	230	225	1.2	2.28	1.78	210	525	400
Peru	97	115	110	1.24	1.2	1.09	120	138	120
Uruguay	183	250	225	2.3	2.52	2.22	420	630	500
Total	6,548	10,115	8,398	1.86	2.19	2.37	12,148	22,111	19,865
Europe:									
Austria	256	247	260	5.08	5.02	5.20	1,301	1,239	1,352
Belgium-Luxembourg	220	220	230	6.91	7.95	7.39	1,520	1,750	1,700
Denmark	620	681	689	7.23	6.99	7.21	4,481	4,757	4,965
Finland	101	112	125	3.75	4.10	3.71	379	459	464
France	4,750	5,024	5,108	6.50	7.15	6.61	30,862	35,940	33,764
Germany	2,579	2,594	2,720	6.89	7.29	7.29	17,763	18,922	19,827
Greece	770	660	710	2.27	1.89	2.25	1,750	1,250	1,600
Ireland	71	85	91	8.21	8.66	7.24	583	736	659
Italy	2,482	2,408	2,367	3.08	3.22	2.79	7,653	7,746	6,601
Netherlands	134	142	138	8.71	8.94	7.70	1,167	1,269	1,063
Portugal	259	238	260	1.39	1.71	1.25	360	406	325
Spain	1,800	2,022	2,050	1.39	2.92	2.26	2,500	5,900	4,643
Sweden	260	328	345	5.89	6.19	6.38	1,532	2,030	2,200
United Kingdom	1,859	1,976	2,036	7.70	8.15	7.39	14,310	16,102	15,050
Total EU	16,161	16,737	17,129	5.33	5.89	5.50	86,161	98,506	94,213
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	140	118	130	2.86	2.68	2.85	400	316	370
Bulgaria	1,041	900	1,100	3.03	2.00	2.95	3,150	1,800	3,250
Czech Republic	831	799	826	4.60	4.66	4.41	3,823	3,727	3,640
Hungary	1,080	1,193	1,250	4.26	3.27	4.22	4,600	3,900	5,270
Poland	2,407	2,480	2,555	3.60	3.46	3.21	8,668	8,579	8,193
Romania	2,420	1,800	2,350	3.18	1.76	3.06	7,700	3,165	7,186
Slovakia	437	415	410	4.43	4.13	4.76	1,938	1,713	1,950
Yugoslavia	1,350	1,020	1,240	3.48	2.87	3.67	4,700	2,925	4,550
Total E. Europe	9,706	8,725	9,861	3.60	2.99	3.49	34,979	26,125	34,409
Fmr. Soviet Union:.									
Azerbaijan	325	460	500	2.00	1.74	1.85	650	800	925
Armenia	115	112	115	1.48	1.79	1.74	170	200	200
Byelarus	178	292	300	2.47	2.05	2.50	440	600	750
Estonia	38	47	50	2.03	2.15	2.00	77	101	100
Georgia	100	120	150	2.10	1.50	2.13	210	180	320
Kyrgyzstan	340	450	550	1.99	2.44	2.50	677	1,100	1,375
Kazakhstan	12,547	12,200	11,500	0.52	0.63	0.78	6,490	7,700	8,950
Latvia	110	125	150	2.23	2.86	2.63	245	358	395
Lithuania	260	348	374	2.46	2.69	2.81	640	936	1,050
Moldova	350	335	380	3.14	2.01	3.16	1,100	674	1,200
Russian Fed.	23,909	25,721	26,100	1.26	1.36	1.69	30,100	34,900	44,200
Tajikistan	185	350	350	0.86	1.29	1.29	160	450	450
Turkmenistan	530	450	470	1.32	1.00	1.36	700	450	640
Ukraine	5,479	5,892	6,500	2.97	2.30	2.83	16,273	13,550	18,400
Uzbekistan	1,300	1,350	1,450	1.81	2.00	2.14	2,350	2,700	3,100
Total	45,766	48,252	48,939	1.32	1.34	1.68	60,282	64,699	82,055

See footnotes at end of table.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 1995/96–1997/98 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	5	5	5	0.80	0.80	0.80	4	4	4
Angola	4	4	4	1.50	1.50	1.50	6	6	6
Chad	10	10	10	0.70	1.50	1.00	7	15	10
Egypt	1,055	1,016	1,044	5.40	5.64	5.60	5,700	5,735	5,850
Ethiopia	1,100	1,450	1,450	1.50	1.38	1.17	1,650	2,000	1,700
Kenya	130	140	150	2.28	2.06	2.33	297	288	350
Lesotho	20	30	20	1.50	1.00	0.75	30	30	15
Libya	300	280	290	0.50	0.46	0.55	150	130	160
Morocco	3	3	3	1.00	1.00	1.00	3	3	3
Mozambique	30	30	30	1.67	1.17	1.00	50	35	30
Nigeria	18	50	58	3.72	5.50	4.31	67	275	250
South Africa, Rep. of	280	315	330	1.61	1.75	1.94	450	550	640
Sudan	750	1,100	800	0.71	1.82	1.13	530	2,000	900
Tanzania, United Rep. of	55	60	35	1.36	1.42	1.29	75	85	45
Tunisia	18	20	15	3.33	3.00	4.67	60	60	70
Zaire	1,400	1,400	1,000	1.14	1.57	0.95	1,600	2,200	950
Zambia	1,700	3,213	2,493	0.65	1.84	0.93	1,100	5,916	2,317
Zimbabwe	1,363	1,294	1,382	1.43	2.09	1.65	1,950	2,700	2,283
Total	8,241	10,420	9,119	1.67	2.11	1.71	13,729	22,032	15,583
Asia:									
Afghanistan	1,950	2,000	2,125	1.28	1.33	1.28	2,500	2,650	2,710
Bangladesh	639	701	708	1.95	1.95	2.05	1,245	1,370	1,454
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	28,860	29,610	30,057	3.54	3.73	4.10	102,215	110,570	123,300
Cyprus	10	10	10	1.00	1.00	1.00	10	10	10
India	25,600	25,011	25,934	2.56	2.48	2.67	65,470	62,097	69,275
Iran	7,600	7,600	7,400	1.49	1.45	1.35	11,300	11,000	10,000
Israel	100	80	70	2.42	1.85	1.43	242	148	100
Iraq	1,750	1,700	1,500	0.86	0.82	0.73	1,500	1,400	1,100
Japan	151	159	158	2.94	3.01	3.63	444	478	573
Jordan	81	46	62	1.02	1.24	0.97	83	57	60
Korea, Democratic Pe	75	70	70	1.00	1.07	1.07	75	75	75
Korea, Republic of	2	3	2	5.00	3.67	3.50	10	11	7
Lebanon	10	10	10	2.00	2.10	2.00	20	21	20
Mongolia	355	300	300	0.73	0.73	0.73	260	220	220
Nepal	550	600	600	1.45	1.33	1.33	800	800	800
Pakistan	8,170	8,376	8,110	2.08	2.02	2.05	17,002	16,907	16,650
Saudi Arabia	465	265	336	4.30	4.53	5.36	2,000	1,200	1,800
Syria	1,560	1,619	1,761	2.68	2.52	1.72	4,184	4,080	3,031
Taiwan	1	0	0	3.00	0	0	3	0	0
Turkey	8,550	8,450	8,500	1.81	1.89	1.88	15,500	16,000	16,000
Yemen	106	90	85	1.61	1.66	1.52	171	149	129
Total	86,738	86,853	87,951	2.60	2.64	2.81	225,204	229,413	247,484
Oceania:									
Australia	9,721	11,337	10,311	1.70	2.09	1.88	16,504	23,702	19,417
New Zealand	50	58	54	5.10	5.52	5.46	255	320	295
Total	9,771	11,395	10,365	1.72	2.11	1.90	16,759	24,022	19,712
World Total	219,832	231,195	229,868	2.45	2.52	2.66	538,113	582,935	610,732

[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, 1988–97

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*
1988	15,851	560	6,251	22,662
1989	12,583	502	9,382	22,467
1990	25,540	901	9,932	36,373
1991	30,924	923	8,751	40,598
1992	56,859	3,122	9,435	69,416
1993	91,287	6,486	11,086	108,860
1994	70,561	8,073	13,313	91,947
1995	47,753	6,687	13,493	67,933
1996	71,727	6,385	14,220	92,333
1997	73,245	6,055	15,501	94,801

[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, 1995/96–1997/98 [2]

Country	1995/96	1996/97	1997/98 [3]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Principal exporters:			
Argentina	4,416	10,051	9,400
Australia	12,120	18,212	15,500
Canada	17,065	18,166	21,322
India	1,944	866	0
Kazakstan	4,422	2,250	1,900
Syria	364	500	400
Turkey	1,178	1,000	1,500
European Union	13,250	17,834	15,500
Eastern Europe	6,098	1,551	2,250
Others	3,671	3,365	4,232
Subtotal	64,528	73,795	72,004
United States	33,681	27,039	28,090
Total	98,209	100,834	100,094
Principal importers:			
Algeria	3,780	3,628	4,800
Bangladesh	1,217	1,000	1,000
Bolivia	321	384	400
Brazil	5,517	5,565	5,700
Chile	783	433	450
China	12,527	2,691	1,900
Columbia	994	910	1,050
Cuba	726	950	900
Ecuador	391	442	405
Egypt	5,932	6,897	7,300
Ethiopia	527	260	330
Georgia	522	600	480
India	50	1,781	2,336
Indonesia	3,612	4,199	3,800
Iran	2,793	7,048	3,800
Iraq	511	1,135	2,550
Israel	920	893	1,150
Japan	6,101	6,264	6,200
Jordan	730	594	700
Korea, North	184	488	575
Korea, South	2,554	3,465	3,917
Lebanon	479	450	450
Libya	910	1,379	1,200
Malaysia	1,067	1,218	1,150
Mexico	1,581	1,940	2,200
Morocco	2,336	1,543	2,800
Nigeria	674	956	1,100
Pakistan	1,903	3,012	3,800
Peru	943	1,268	1,200
Philippines	1,964	2,141	2,000
Russia	5,242	2,548	2,100
South Africa	702	958	700
Sri Lanka	937	889	850
Taiwan	1,092	1,023	1,050
Thailand	787	694	650
Tunisia	825	946	1,400
Turkey	2,019	2,522	1,450
UAE	505	605	670
Ukraine	1,045	200	50
Uzbekistan	1,500	1,200	600
Venezuela	1,022	1,185	1,225
Vietnam	466	440	450
Yemen	2,026	2,292	2,500
European Union	2,545	2,442	3,450
Other Western Europe	400	548	555
Eastern Europe	2,475	5,139	1,565
United States	1,748	2,577	2,488
Subtotal	87,885	89,742	87,396
Other Countries	9,114	10,155	10,832
Unaccounted	1,210	937	1,866
Total	98,209	100,834	100,094

[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, 1996/97 and 1997/98

Country of destination	Year[2] 1996/97	Year[2] 1997/98
	1,000 metric tons	*1,000 metric tons*
Wheat:		
Mexico	1,404	1,257
Central America	763	791
Caribbean	632	634
Brazil	754	0
Chile	0	52
Colombia	324	450
Ecuador	235	217
Peru	419	214
Venezuela	571	567
Other Americas	159	131
Total Americas	5,266	4,313
Europe:		
Belgium and Luxembourg	109	167
Germany	0	0
Italy	477	564
Netherlands	56	39
Norway	62	44
Spain	63	254
Switzerland	27	26
United Kingdom	59	149
Other Europe	413	229
Former Soviet Union	377	448
Total Europe and Soviet Union	1,643	1,920
India	8	0
Israel	637	808
Japan	3,040	3,166
Korea, Rep. of	1,570	1,418
Pakistan	2,176	2,023
Philippines	1,747	1,488
China	839	323
Taiwan	894	990
Other Asia	177	73
Algeria	328	273
Morocco	469	468
South Africa	350	133
Tunisia	175	505
Other Africa	3,925	6,311
Other countries	2,613	3,170
World total	25,858	27,382
Wheat flour:		
Central America	1	0
Other Caribbean	171	196
Bolivia	43	46
Colombia	2	2
Other Americas	178	109
Total Americas	395	353
Greece	0	1
Netherlands	0	7
Other Europe	134	110
Total Europe	134	117
Sri Lanka	0	0
Japan	2	3
Jordan	0	0
Philippines	0	0
Other Asia	28	46
Total Asia	30	49
Egypt	8	0
Morocco	0	0
Other Africa	93	129
Total Africa	101	129
Oceania	4	4
World total	863	652

[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, 1989–98

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*
1989	2,014	484	28.2	13,647	2.06	28,099
1990	1,625	375	27.1	10,176	2.09	21,298
1991	1,671	395	24.6	9,734	2.20	21,364
1992	1,542	391	29.3	11,440	2.38	27,303
1993	1,493	381	27.1	10,340	2.55	27,149
1994	1,613	407	27.9	11,341	2.70	30,520
1995	1,602	385	26.1	10,064	2.90	28,948
1996	1,457	345	25.9	8,936	3.70	33,118
1997	1,400	316	25.7	8,132	3.75	30,120
1998	1,571	418	28.2	11,795	2.49	29,879

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

NASS, Crops Branch, (202) 720–2127.

Table 1-17.—Rye: Supply and disappearance, United States, 1988–97

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*
1988	18,912	14,689	200	33,801	3,500	3,200	2,000	11,401	20,101	3,400	23,501	10,300
1989	10,300	13,647	30	23,977	3,500	3,000	2,000	9,035	17,535	800	18,335	5,631
1990	5,631	10,176	3,895	19,702	3,500	3,000	2,000	7,670	16,170	213	16,383	3,319
1991	3,319	9,734	4,542	17,595	3,500	3,000	2,000	7,528	16,028	53	16,081	1,514
1992	1,514	11,440	3,099	16,053	3,400	3,000	2,000	6,084	14,484	14	14,498	1,555
1993	1,555	10,340	4,607	16,502	3,500	3,000	2,000	7,015	15,515	16	15,531	971
1994	971	11,341	4,386	16,698	3,300	3,000	2,000	6,912	15,212	35	15,247	1,451
1995	1,451	10,064	3,760	15,275	3,300	3,000	2,000	6,036	14,336	41	14,377	898
1996	898	8,936	4,327	14,161	3,433	3,000	2,000	4,942	13,375	32	13,407	754
1997 [2] ..	754	8,132	5,562	14,448	3,500	2,000	3,000	5,104	13,604	80	13,684	764

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

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

Table 1-18.—Rye: Support operations, United States, 1989–98

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*
1989/90	1.40	0.6	4.4	0.0	2.6
1990/91	1.33	0.2	2.0	0.0	1.0
1991/92	1.38	0.1	1.0	0.0	0.0
1992/93	1.46	0.2	1.7	0.0	0.0
1993/94	1.46	0.1	1.0	0.0	0.0
1994/95	1.61	0.1	0.9	0.0	0.0
1995/96	1.61	0.1	1.0	0.0	0.0
1996/97	([4])	.....	.....	.....	.....
1997/98	([4])	.....	.....	.....	.....
1998/99	([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, 1996–98

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	1,000 acres	*1,000 acres*	1,000 acres	*1,000 acres*	*1,000 acres*	1,000 acres	*Bush-els*	*Bush-els*	*Bush-els*	*1,000 bush-els*	*1,000 bush-els*	*1,000 bush-els*
CO	28	28	33	2	2	3	25	27	28	50	54	84
GA	300	300	250	70	65	50	26	22	21	1,820	1,430	1,050
IL	50	55	50	6	8	9	31	30	37	186	240	333
IN	20	15	15	2	2	2	22	32	38	44	64	76
KS	60	50	80	5	10	15	30	30	25	150	300	375
MD	25	25	25	2	3	3	25	25	32	50	75	96
MI	80	75	65	13	15	15	27	30	28	351	450	420
MN	25	20	30	20	16	27	24	25	31	480	400	837
NE	40	35	35	17	12	12	19	20	24	323	240	288
NJ	25	20	38	3	5	5	27	35	33	81	175	165
NY	49	40	50	8	7	15	28	33	35	224	231	525
NC	90	80	90	20	15	20	25	28	22	500	420	440
ND	20	22	65	16	19	61	33	27	36	528	513	2,196
OH	35	30	35	4	4	4	31	30	35	124	120	140
OK	200	200	300	65	60	70	15	18	22	975	1,080	1,540
PA	60	50	60	6	10	15	36	40	33	216	400	495
SC	40	35	30	20	10	20	26	25	20	520	250	400
SD	40	30	40	36	26	35	41	28	40	1,476	728	1,400
TX	120	130	120	10	10	20	19	33	20	190	330	400
VA	80	80	80	8	5	5	33	40	35	264	200	175
WI	70	80	80	12	12	12	32	36	30	384	432	360
US	1,457	1,400	1,571	345	316	418	25.9	25.7	28.2	8,936	8,132	11,795

[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 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
CO	3.41	3.30	1.80	171	178	151
GA	4.40	5.00	3.40	8,008	7,150	3,570
IL	3.85	2.90	2.40	716	696	799
IN	3.90	2.90	2.30	172	186	175
KS	3.90	3.60	2.20	585	1,080	825
MD	1.95	2.45	2.30	98	184	221
MI	3.20	2.90	2.50	1,123	1,305	1,050
MN	3.10	3.10	1.75	1,488	1,240	1,465
NE	2.50	3.60	1.80	808	864	518
NJ	3.70	3.60	3.00	300	630	495
NY	3.00	2.10	2.00	672	485	1,050
NC	2.80	2.60	2.40	1,400	1,092	1,056
ND	3.13	3.12	2.20	1,653	1,601	4,831
OH	3.80	3.05	2.50	471	366	350
OK	4.50	4.50	3.50	4,388	4,860	5,390
PA	4.25	3.75	3.50	918	1,500	1,733
SC	3.95	3.00	2.50	2,054	750	1,000
SD	3.37	3.60	1.90	4,974	2,621	2,660
TX	4.40	3.90	3.90	836	1,287	1,560
VA	2.90	2.45	2.00	766	490	350
WI	3.95	3.60	1.75	1,517	1,555	630
US	3.70	3.75	2.49	33,118	30,120	29,879

[1] Preliminary.

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

Table 1-21.—Rye: Area, yield, and production in specified countries, 1995/96–1997/98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	162	1.91	1.91	1.98	310	309	320
United States	156	140	138	1.64	1.64	1.64	256	229	226
Total	318	302	300	1.78	1.78	1.82	566	538	546
South America:									
Argentina	75	39	60	1.07	0.92	1.03	80	36	62
Brazil	5	5	5	1.20	1.00	1.00	6	5	5
Chile	5	5	5	2.00	2.00	2.00	10	10	10
Total	85	49	70	1.13	1.04	1.10	96	51	77
Europe:									
Austria	77	51	57	4.08	2.96	3.63	314	151	207
Belgium-Luxembourg	3	3	3	3.33	4.00	4.00	10	12	12
Denmark	100	72	84	5.00	4.76	5.39	500	343	453
Finland	21	35	23	2.76	2.49	2.04	58	87	47
France	47	49	47	4.21	4.59	4.40	198	225	207
Germany	861	809	847	5.25	5.21	5.41	4,521	4,214	4,580
Greece	18	18	17	2.22	2.22	2.35	40	40	40
Italy	8	8	8	2.50	2.50	2.50	20	20	20
Netherlands	7	7	5	5.00	5.00	5.60	35	35	28
Portugal	62	60	60	0.58	0.85	0.67	36	51	40
Spain	160	170	152	1.09	1.74	1.48	174	295	225
Sweden	45	33	29	4.51	5.52	5.17	203	182	150
United Kingdom	5	5	5	5.00	5.00	5.00	25	25	25
Total EU	1,414	1,320	1,337	4.34	4.30	4.51	6,134	5,680	6,034
Norway	4	4	4	4.00	3.00	3.25	16	12	13
Switzerland	7	7	7	6.00	6.57	6.57	42	46	46
Total W. Europe	11	11	11	5.27	5.27	5.36	58	58	59
Albania	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria	14	15	15	1.43	1.07	1.67	20	16	25
Czech Republic	79	64	76	3.32	3.19	3.41	262	204	259
Hungary	80	70	70	2.13	1.43	2.00	170	100	140
Poland	2,452	2,415	2,298	2.56	2.34	2.31	6,287	5,652	5,300
Romania	20	25	23	2.25	1.92	2.17	45	48	50
Slovakia	31	29	30	2.87	2.45	3.00	89	71	90
Yugoslavia	30	31	30	1.67	1.94	2.00	50	60	60
Total E. Europe	2,716	2,659	2,552	2.55	2.32	2.33	6,933	6,161	5,934
Fmr. Soviet Union:.									
Byelarus	1,000	1,050	890	2.00	1.81	2.36	2,000	1,900	2,100
Estonia	32	31	30	1.81	2.00	2.00	58	62	60
Georgia	1	1	1	2.00	2.00	2.00	2	2	2
Kazakhstan	180	140	70	0.78	0.64	0.86	140	90	60
Latvia	40	50	50	1.75	2.26	2.66	70	113	133
Lithuania	135	152	157	1.78	1.89	1.91	240	287	300
Moldova	1	1	1	2.00	2.00	2.00	2	2	2
Russian Fed.	3,233	4,129	4,000	1.27	1.43	1.88	4,100	5,900	7,500
Tajikistan	2	2	2	1.00	1.00	1.00	2	2	2
Ukraine	605	627	700	2.00	1.75	1.93	1,208	1,100	1,350
Uzbekistan	5	5	3	1.40	1.40	1.67	7	7	5
Total	5,234	6,188	5,904	1.50	1.53	1.95	7,829	9,465	11,514
Asia:									
Turkey	180	180	180	1.42	1.39	1.39	255	250	250
Oceania:									
Australia	35	35	35	0.57	0.57	0.57	20	20	20
World Total	9,993	10,744	10,389	2.19	2.07	2.35	21,891	22,223	24,434

[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, 1989–98

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*
1989	2,731.0	2,687.0	5,749	154,487	7.35	1,134,039
1990	2,897.0	2,823.0	5,529	156,088	6.68	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	8.50	1,617,954

NASS, Crops Branch, (202) 720–2127.

Table 1-23.—Rice, rough: Stocks on and off farms, United States, 1990–99

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.*
1990-91	40,040	15,965	599	76,333	61,989	18,554
1991-92	37,662	19,345	852	75,505	53,082	17,843
1992-93	37,249	20,658	1,109	76,541	55,125	19,422
1993-94	39,966	22,397	1,708	91,517	69,284	28,876
1994-95	24,164	11,703	517	85,081	67,900	20,390
1995-96	41,223	23,239	862	100,088	72,686	21,902
1996-97	32,936	20,520	486	88,395	65,326	19,485
1997-98	32,719	16,003	428	86,350	64,141	21,365
1998-99	33,470	21,205	1,136	90,873	66,846	19,855
1999-2000 [2]	35,579	NA	NA	84,507	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, 1989–98

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.*
1989	1,998.0	638.0	51.0	5,464	6,495	7,618	109,161	41,441	3,885
1990	2,065.0	745.0	13.0	5,221	6,353	7,338	107,806	47,328	954
1991	2,023.0	748.0	10.0	5,395	6,615	7,530	109,137	49,477	753
1992	2,372.0	747.0	13.0	5,397	6,778	7,769	128,015	50,633	1,010
1993	2,028.0	789.0	16.0	5,082	6,575	7,331	103,064	51,873	1,173
1994	2,379.0	925.0	12.0	5,609	6,853	7,867	133,445	63,390	944
1995	2,312.0	769.0	12.0	5,265	6,663	7,500	121,730	51,241	900
1996	1,967.0	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

NASS, Crops Branch, (202) 720–2127.

Table 1-25.—Rice, rough, by length of grain: Stocks in all positions, United States, 1990–99

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]
1990	78,791	50,498	8,711	1,187	33,051	24,059	8,658	1,698	4,531	3,397	1,784	1,272
1991	72,196	44,479	8,038	947	38,716	26,139	9,456	5,332	2,255	1,809	1,201	974
1992	70,182	43,753	9,003	580	41,915	30,950	10,916	4,790	1,693	1,080	612	353
1993	88,695	59,548	17,752	533	41,359	31,228	12,363	5,518	1,429	905	469	154
1994	61,356	44,741	12,543	114	46,524	33,732	7,708	1,906	1,365	1,130	656	449
1995	87,281	57,779	10,188	219	52,676	36,963	11,872	4,186	1,354	1,183	704	522
1996	76,256	52,630	7,418	(3)	43,941	32,264	12,022	4,506	1,134	952	531	(3)
1997	68,687	47,871	10,839	(3)	49,015	31,665	10,723	4,334	1,367	608	231	(3)
1998	78,329	53,329	9,863	(3)	44,477	33,596	10,640	4,368	1,537	1,126	488	(3)
1999 [2] ..	84,142	NA	NA	NA	34,086	NA	NA	NA	1,858	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, 1988–97 [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.*
1988	31.4	159.9	3.8	195.1	57.4	15.6	3.4	6.0	82.4	85.9	168.3	26.7
1989	26.7	154.5	4.4	185.6	60.1	15.4	3.3	3.0	81.8	77.1	158.9	26.3
1990	26.3	156.1	4.8	187.2	63.8	15.3	3.6	9.0	91.7	70.9	162.6	24.6
1991	24.6	159.4	5.3	189.3	67.1	15.4	3.9	9.0	95.4	66.4	161.8	27.4
1992	27.4	179.7	6.1	213.2	69.0	15.1	3.8	8.8	96.7	77.0	173.7	39.4
1993	39.4	156.1	6.9	202.5	71.2	14.3	4.3	11.6	101.4	75.3	176.7	25.8
1994	25.8	197.8	7.3	230.9	74.0	14.5	4.1	8.2	100.7	98.9	199.6	31.3
1995	31.3	173.9	7.4	212.6	77.0	15.6	3.7	8.3	104.6	83.0	187.6	25.0
1996	25.0	171.6	10.0	206.6	80.0	15.4	4.0	1.6	101.0	78.4	179.4	27.2
1997 [4]	27.2	183.0	9.2	219.4	82.0	15.4	4.3	4.8	106.5	85.2	191.7	27.7

[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, 1996–98

State	Area harvested			Yield per acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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	910.0	1,160.0	1,323.0	6,050	5,620	5,740	55,055	65,192	75,940
CA	5.0	9.0	9.0	7,200	7,700	5,970	360	693	537
LA	463.0	533.0	590.0	4,900	4,640	4,530	22,687	24,731	26,727
MS	208.0	238.0	268.0	6,000	5,800	5,800	12,480	13,804	15,544
MO	93.0	115.0	140.0	5,550	5,300	5,200	5,162	6,095	7,280
TX	288.0	254.0	278.0	6,210	5,500	5,610	17,885	13,970	15,596
US	1,967.0	2,309.0	2,608.0	5,777	5,391	5,430	113,629	124,485	141,624
	Medium grain								
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
AR	258.0	228.0	200.0	6,500	6,100	6,200	16,770	13,908	12,400
CA	482.0	491.0	433.0	7,500	8,260	6,990	36,150	40,557	30,267
LA	70.0	50.0	30.0	4,700	4,500	4,600	3,290	2,250	1,380
MO	2.0	2.0	3.0	5,550	5,300	5,200	111	106	156
TX	10.0	5.0	5.0	5,800	5,400	5,000	580	270	250
US	822.0	776.0	671.0	6,922	7,357	6,625	56,901	57,091	44,453
	Short grain								
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
AR	2.0	2.0	2.0	6,000	6,000	4,000	120	120	80
CA	13.0	16.0	36.0	7,300	8,100	5,260	949	1,296	1,894
US	15.0	18.0	38.0	7,127	7,867	5,195	1,069	1,416	1,974

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-28.—Rice: Area, yield, and production, by States, 1996–98

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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	1,180.0	1,400.0	1,540.0	1,170.0	1,390.0	1,525.0	6,150	5,700	5,800	71,945	79,220	88,420
CA	502.0	518.0	480.0	500.0	516.0	478.0	7,490	8,250	6,840	37,459	42,546	32,698
LA	535.0	585.0	625.0	533.0	583.0	620.0	4,870	4,630	4,530	25,977	26,981	28,107
MS	210.0	240.0	270.0	208.0	238.0	268.0	6,000	5,800	5,800	12,480	13,804	15,544
MO	97.0	122.0	145.0	95.0	117.0	143.0	5,550	5,300	5,200	5,273	6,201	7,436
TX	300.0	260.0	285.0	298.0	259.0	283.0	6,200	5,500	5,600	18,465	14,240	15,846
US	2,824.0	3,125.0	3,345.0	2,804.0	3,103.0	3,317.0	6,120	5,897	5,669	171,599	182,992	188,051

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-29.—Rice: Marketing year average price and value, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per cwt.			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AR	10.20	9.87	8.55	733,839	781,901	755,991
CA	7.91	7.95	8.15	296,301	338,241	266,489
LA	10.60	10.20	8.90	275,356	275,206	250,152
MS	10.50	10.40	8.75	131,040	143,562	136,010
MO	10.30	10.00	8.65	54,312	62,010	64,321
TX	10.80	10.90	9.15	199,422	155,216	144,991
US	9.96	9.70	8.50	1,690,270	1,756,136	1,617,954

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-30.—Rice, milled, by length of grain: Stocks in all positions, United States, 1990–99

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]
1990	3,099	3,640	3,286	63	892	1,041	779	462	74	85	85	91
1991	2,959	2,414	2,513	32	859	1,660	671	423	94	90	50	41
1992	2,431	2,651	2,808	33	840	1,425	953	677	268	47	33	37
1993	3,044	2,463	2,700	44	1,736	1,121	2,064	1,024	39	30	44	47
1994	2,399	2,753	1,860	43	1,258	1,414	1,168	596	27	26	28	51
1995	1,884	2,394	3,127	51	1,723	2,243	2,333	749	48	53	44	37
1996	3,509	2,258	1,927	17	1,184	870	1,187	780	39	26	50	88
1997	3,358	2,622	2,312	10	1,448	1,079	788	584	56	85	34	66
1998	3,443	3,871	3,228	37	1,248	1,080	728	313	46	35	100	25
1999 [2] ..	2,980	NA	NA	NA	1,613	NA	NA	NA	30	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]
1990	876	803	652	198	243	94	117	.....	572	333	277	39
1991	918	550	827	197	747	298	68	.....	254	254	114	34
1992	577	665	511	146	83	108	176	.....	211	781	367	26
1993	915	892	949	73	129	269	173	.....	454	417	272	34
1994	632	434	364	164	107	47	82	.....	458	1,131	93	21
1995	690	734	579	279	89	31	79	.....	411	164	146	33
1996	626	406	329	159	14	6	14	.....	337	133	107	25
1997	553	623	467	97	49	20	13	.....	187	182	205	19
1998	642	711	524	273	27	27	33	.....	276	155	182	14
1999 [2] ..	662	NA	NA	NA	29	NA	NA	.....	102	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, 1992-98

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	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

[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 1-32.—Rice, rough: Support operations, United States, 1989–98

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*
1989/90	3.56	6.50	10.80	121.9	78.9	0.0	0.0
1990/91	4.16	6.50	10.71	143.7	92.1	0.1	0.0
1991/92	3.07	6.50	10.71	108.3	68.8	0.5	0.0
1992/93	4.21	6.50	10.71	126.1	70.2	0.8	0.2
1993/94	3.98	6.50	10.71	30.9	19.8	0.0	0.0
1994/95	3.79	6.50	10.71	131.2	66.3	0.0	0.0
1995/96	3.22	6.50	10.71	100.9	58.0	0.0	0.0
1996/97	2.766	6.50	NA	68.9	40.2	0.0	0.0
1997/98	2.71	6.50	NA	67.6	37.8	0.0	0.0
1998/99	4.37	6.50	NA	.....	.....	.....	.....

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

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

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

Country of destination	Year		
	1995	1996	1997
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Canada	163	165	170
Mexico	242	301	285
Bahamas	7	8	7
Dominican Republic	35	3	68
Haiti	191	163	167
Jamaica	74	66	16
Netherlands Antilles	11	14	9
Chile	9	0	0
Total Western Hemisphere [2]	1,117	1,113	1,047
European Union:.			
Belgium-Luxembourg	44	48	39
France	8	9	14
Germany, Fed. Rep. of	31	56	66
Netherlands	105	96	56
Portugal	0	0	0
Sweden	3	5	3
Switzerland	84	86	43
United Kingdom	56	91	92
Total Europe [2]	454	438	334
Indonesia	91	0	0
Iran	219	0	0
Korea, Rep. of	0	8	18
Saudi Arabia	176	142	115
Total Asia, Middle East, and Oceania [2]	1,019	706	668
Guinea	35	7	6
Ivory Coast	79	36	35
Liberia	17	12	7
Nigeria	0	0	0
Senegal	33	0	0
South Africa	116	158	107
Total Africa [2]	353	314	325
World total [2]	3,073	2,624	2,292

[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, 1995/96–1997/98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	39	58	59	3.28	2.72	2.8	128	158	165
Cuba	90	90	90	1.33	1.33	1.44	120	120	130
Dominican Rep.	82	94	76	3.29	3.28	3.29	270	308	250
El Salvador	11	11	13	3.00	3.18	3.08	33	35	40
Guatemala	13	14	12	1.77	1.71	2.08	23	24	25
Haiti	40	40	40	1.63	1.63	1.63	65	65	65
Honduras	15	16	12	2.67	2.25	2.50	40	36	30
Nicaragua	57	68	72	1.72	2.09	1.99	98	142	143
Panama	112	115	110	1.87	1.90	1.18	209	218	130
Trinidad and Tobago	10	10	10	2.00	2.00	2.00	20	20	20
Mexico	75	80	98	3.11	3.34	3.46	233	267	339
United States	1,252	1,133	1,228	4.5	4.81	4.76	5,631	5,451	5,843
Total	1,796	1,729	1,820	3.83	3.96	3.95	6,870	6,844	7,180
South America:									
Argentina	182	225	213	3.13	3.47	3.08	570	780	657
Bolivia	100	140	145	1.20	1.36	1.38	120	190	200
Brazil	3,880	3,570	3,200	1.76	1.81	1.81	6,826	6,463	5,800
Chile	34	35	35	2.59	2.57	2.57	88	90	90
Colombia	284	302	320	2.71	2.65	2.56	770	800	820
Ecuador	340	290	180	1.56	1.38	1.67	530	400	300
Guyana	135	132	139	2.21	2.24	2.45	299	296	341
Paraguay	90	90	85	1.28	1.28	1.06	115	115	90
Peru	210	225	240	3.45	3.68	3.75	724	828	900
Surinam	60	61	55	2.53	2.30	2.00	152	140	110
Uruguay	146	155	165	4.64	4.63	3.70	677	718	610
Venezuela	175	165	166	2.38	2.79	2.89	416	460	480
Total	5,636	5,390	4,943	2.00	2.09	2.10	11,287	11,280	10,398
Europe:									
France	24	23	20	2.96	3.43	3.40	71	79	68
Greece	10	10	10	5.00	5.00	5.00	50	50	50
Italy	239	238	233	3.28	3.48	3.87	785	828	902
Portugal	30	30	30	3.00	3.00	3.00	90	90	90
Spain	54	107	112	4.24	4.98	4.95	229	533	554
Total EU	357	408	405	3.43	3.87	4.11	1,225	1,580	1,664
Bulgaria	1	1	5	5.00	6.00	3.00	5	6	15
Hungary	5	5	5	2.00	2.00	2.00	10	10	10
Romania	6	6	6	2.50	2.50	1.17	15	15	7
Yugoslavia	7	10	10	2.14	1.50	1.50	15	15	15
Total E. Europe	19	22	26	2.37	2.09	1.81	45	46	47
Fmr. Soviet Union:.									
Azerbaijan	2	1	1	1.00	1.00	1.00	2	1	1
Kyrgyzstan	5	5	5	1.00	1.00	1.00	5	5	5
Kazakhstan	95	88	85	1.26	1.25	2.00	120	110	170
Russian Fed.	171	165	160	1.75	2.36	1.34	300	389	215
Tajikistan	12	12	12	0.92	0.92	0.92	11	11	11
Turkmenistan	32	30	30	2.34	2.33	2.33	75	70	70
Ukraine	22	23	23	2.36	2.3	1.83	52	53	42
Uzbekistan	168	160	130	1.27	1.25	1.92	213	200	250
Total	507	484	446	1.53	1.73	1.71	778	839	764
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	10	13	10	1.10	1.23	1.00	11	16	10
Burkina	35	60	50	1.57	1.25	1.30	55	75	65
Chad	50	55	60	0.90	1.00	1.00	45	55	60
Cameroon	40	40	40	1.63	1.63	1.63	65	65	65
Cote d'Ivorie	645	680	600	0.64	0.65	0.60	410	445	360

See footnotes at end of table.

Table 1-34.—Rice, milled: Area, yield, and production in specified countries, 1995/96–1997/98 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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*
Africa—Continued									
Egypt	560	591	630	4.64	5.06	5.70	2,600	2,989	3,594
Gambia, The	12	13	13	1.08	1.00	1.00	13	13	13
Ghana	100	105	109	1.32	1.24	1.08	132	130	118
Guinea	425	450	475	0.96	0.96	0.95	410	430	450
Guinea-Bissau	65	65	70	1.32	1.31	1.14	86	85	80
Kenya	15	15	15	2.00	2.00	2.00	30	30	30
Liberia	50	75	75	0.70	0.80	0.80	35	60	60
Madagascar	1,150	1,200	1,200	1.39	1.38	1.38	1,600	1,650	1,650
Malawi	35	40	40	0.94	1.13	1.13	33	45	45
Mali	280	300	350	1.07	1.03	1.14	300	310	400
Mauritania	20	20	20	1.85	1.85	1.75	37	37	35
Morocco	6	8	8	3.33	5.00	5.00	20	40	40
Mozambique	130	145	175	0.58	0.62	0.69	75	90	120
Niger	30	30	30	1.53	1.53	1.50	46	46	45
Nigeria	1,700	1,658	1,650	1.33	1.18	1.12	2,260	1,950	1,850
Senegal	77	73	73	1.30	1.33	1.38	100	97	101
Sierra Leone	230	290	275	0.74	0.81	0.91	170	235	250
Somalia	2	2	3	1.50	1.50	1.67	3	3	5
Sudan	7	7	7	1.00	1.00	1.00	7	7	7
Togo	40	55	50	0.63	0.73	0.60	25	40	30
Tanzania, United Rep. of	478	470	370	0.98	1.01	0.97	470	475	360
Swaziland	2	2	2	1.50	1.50	1.50	3	3	3
Zaire	550	590	500	0.46	0.44	0.42	255	260	210
Zambia	10	10	11	0.80	0.70	0.64	8	7	7
Total	6,765	7,073	6,922	1.38	1.37	1.46	9,314	9,698	10,073
Asia:									
Afghanistan	200	200	200	1.35	1.35	1.25	270	270	250
Bangladesh	9,941	10,414	10,615	1.78	1.81	1.75	17,687	18,882	18,625
Burma	5,666	5,600	5,490	1.74	1.61	1.62	9,860	9,000	8,900
Brunei	3	3	3	1.33	1.33	1.33	4	4	4
Cambodia	1,900	1,950	1,950	1.13	1.06	1.03	2,150	2,070	2,000
China Peoples Republic	683	607	652	2.44	2.45	2.58	1,664	1,487	1,682
Indonesia	11,570	11,137	10,680	2.87	2.88	2.83	33,215	32,084	30,225
India	42,300	43,283	43,086	1.88	1.88	1.91	79,620	81,312	82,119
Iran	570	600	600	2.72	2.67	2.67	1,550	1,600	1,600
Iraq	150	140	140	1.33	1.43	1.43	200	200	200
Japan	580	580	600	2.24	2.24	2.50	1,300	1,300	1,500
Korea, Democratic Pe	1,056	1,050	1,050	4.45	5.07	5.19	4,694	5,320	5,450
Korea, Republic of	560	550	550	1.52	1.55	1.55	850	850	850
Laos	663	660	655	2.01	1.97	1.83	1,330	1,300	1,200
Malaysia	1,450	1,500	1,500	1.52	1.63	1.60	2,200	2,450	2,400
Nepal	2,162	2,252	2,316	1.82	1.91	1.88	3,936	4,307	4,364
Pakistan	3,924	3,909	3,550	1.85	1.86	1.82	7,263	7,265	6,450
Phillippines	9,032	9,175	9,270	1.59	1.49	1.62	14,388	13,662	15,050
Sri Lanka	363	348	364	4.18	4.08	4.03	1,517	1,420	1,468
Taiwan	7,124	7,040	7,374	2.48	2.56	2.56	17,683	18,003	18,871
Thailand	30,745	31,406	31,765	4.22	4.35	4.42	129,650	136,570	140,490
Turkey	2,118	1,977	1,953	4.62	4.76	4.67	9,781	9,413	9,123
Vietnam	70	90	90	3.21	2.89	2.50	225	260	225
Total	132,830	134,471	134,453	2.57	2.60	2.63	341,037	349,029	353,046
Oceania:									
Australia	149	166	142	4.56	5.98	6.73	680	992	955
World total	148,059	149,743	149,157	2.51	2.54	2.58	371,236	380,308	384,127

[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, 1996–98 [2]

Country	1996	1997	1998 [3]
	1,000 metric tons	*1,000 Metric tons*	*1,000 metric tons*
Exports:			
Argentina	367	500	450
Australia	475	700	700
Burma	265	15	80
China	265	938	2,750
Guyana	233	285	150
India	3,556	1,959	3,500
Pakistan	1,677	1,982	2,000
Thailand	5,281	5,272	6,200
Uruguay	596	640	525
Vietnam	3,040	3,268	3,600
EU	301	367	350
Others	825	822	1,625
Subtotal	16,881	16,748	21,930
United States	2,624	2,292	3,000
Total	19,505	19,040	24,930
Imports:			
Bangladesh	655	45	1,500
Brazil	786	845	1,200
Canada	223	237	225
China	832	326	300
Colombia	200	192	250
Costa Rica	85	90	100
Cote d'Ivoir	300	470	500
Cuba	400	350	350
Ghana	185	150	125
Guinea	250	250	200
Haiti	175	175	175
Indonesia	1,233	800	5,700
Iran	1,294	875	600
Iraq	236	720	600
Jamaica &	66	75	75
Japan	445	567	650
Jordan	90	100	100
Korea, North	350	320	250
Korea, South	110	30	60
Malaysia	573	645	650
Mexico	307	288	275
Nigeria	500	800	800
Peru	437	215	200
Philippines	687	816	2,000
Russia	369	300	200
Saudi Arabia	786	659	700
Senegal	601	575	500
Singapore	312	325	350
South Africa	709	621	500
Sri Lanka	394	350	150
Syria	125	215	150
Turkey	348	250	250
UAE	85	85	90
Yemen	143	150	100
EU	895	834	700
Other Western Europe	34	50	37
Eastern Europe	135	231	145
United States	268	302	350
Subtotal	15,623	14,328	21,107
Other Countries	2,488	2,950	2,579
Unaccounted	1,394	1,762	1,244
World Total	19,505	19,040	24,930

[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, 1993–98 [1]

Crop year [2]	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum (milling)	Wheat, No. 1 Dark Northern Spring, 14% protein	Rye, No. 2		
	Dollars per bushel	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*
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

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

[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, 1989–98

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*
1989	72,322	64,783	116.3	7,531,953	2.36	17,896,810	6,606	13.0	86,111
1990	74,166	66,952	118.5	7,934,028	2.28	18,191,643	6,123	14.2	86,820
1991	75,957	68,822	108.6	7,474,765	2.37	17,864,204	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	16,031,861	6,823	11.9	81,131
1994	78,921	72,514	138.6	10,050,520	2.26	22,992,309	5,717	15.8	90,170
1995	71,479	65,210	113.5	7,400,051	3.24	24,117,503	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 [1]	80,187	72,604	134.4	9,761,085	1.95	19,092,590	5,919	16.0	94,525

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-38.—Corn: Stocks on and off farms, United States, 1990–99

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	1,20 9,757	667,803
1999 [3]	5,320,000	NA	NA	NA	2,730,220	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: Supply and disappearance, United States, 1988–97

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*
1988	4,259	4,929	3	9,191	3,937	1,298	5,234	2,026	7,260	1,568	363	1,930
1989	1,930	7,532	2	9,464	4,382	1,370	5,752	2,368	8,120	1,111	233	1,344
1990	1,344	7,934	3	9,282	4,611	1,425	6,036	1,725	7,761	1,150	371	1,521
1991	1,521	7,475	20	9,016	4,798	1,534	6,331	1,584	7,915	988	113	1,100
1992	1,100	9,477	7	10,584	5,252	1,556	6,808	1,663	8,471	2,057	56	2,113
1993	2,113	6,338	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	1,704	7,175	2,177	9,352	1,516	42	1,558
1995	1,558	7,400	16	8,974	4,708	1,612	6,320	2,228	8,548	396	30	426
1996	426	9,233	13	9,672	5,302	1,692	6,994	1,795	8,789	853	30	883
1997 [2]	883	9,207	9	10,099	5,505	1,782	7,287	1,504	8,791	1,278	30	1,308

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

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

Table 1-40.—Corn: Area, yield, and production, by States, 1996–98

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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 ...	300	280	300	270	250	200	82.0	87.0	63.0	22,140	21,750	12,600
AZ ...	55	60	50	40	40	30	175.0	165.0	175.0	7,000	6,600	5,250
AR ...	240	190	235	230	185	215	125.0	125.0	100.0	28,750	23,125	21,500
CA ...	500	585	620	220	265	260	160.0	170.0	160.0	35,200	45,050	41,600
CO ..	1,000	1,090	1,180	890	980	1,070	142.0	146.0	145.0	126,380	143,080	155,150
CT ...	37	38	35	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
DE ...	160	170	169	154	160	155	143.0	105.0	100.0	22,022	16,800	15,500
FL ...	140	120	160	112	75	55	88.0	80.0	62.0	9,856	6,000	3,410
GA ..	580	500	500	525	450	265	95.0	105.0	85.0	49,875	47,250	22,525
ID	110	125	145	40	43	52	135.0	155.0	150.0	5,400	6,665	7,800
IL	11,000	11,200	10,600	10,800	11,050	10,450	136.0	129.0	141.0	1,468,800	1,425,450	1,473,450
IN	5,600	5,900	5,800	5,450	5,750	5,550	123.0	122.0	137.0	670,350	701,500	760,350
IA	12,700	12,200	12,500	12,400	11,900	12,200	138.0	138.0	145.0	1,711,200	1,642,200	1,769,000
KS ...	2,500	2,750	3,000	2,350	2,600	2,850	152.0	143.0	147.0	357,200	371,800	418,950
KY ...	1,300	1,270	1,300	1,200	1,150	1,180	124.0	103.0	115.0	148,800	118,450	135,700
LA ...	535	430	700	523	417	540	125.0	117.0	81.0	65,375	48,789	43,740
ME ..	31	32	36	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MD ..	530	510	470	465	410	400	139.0	90.0	109.0	64,635	36,900	43,600
MA ..	32	28	25	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MI	2,600	2,500	2,300	2,250	2,180	2,050	94.0	117.0	111.0	211,500	255,060	227,550
MN ..	7,500	7,000	7,300	6,950	6,450	6,750	125.0	132.0	153.0	868,750	851,400	1,032,750
MS ..	630	460	550	595	433	500	102.0	107.0	86.0	60,690	46,331	43,000
MO ..	2,650	2,700	2,650	2,540	2,600	2,500	134.0	115.0	114.0	340,360	299,000	285,000
MT ..	55	60	60	15	14	18	137.0	135.0	115.0	2,055	1,890	2,070
NE ...	8,500	8,900	8,800	8,250	8,600	8,550	143.0	132.0	145.0	1,179,750	1,135,200	1,239,750
NH ..	17	17	15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NJ ...	110	118	120	94	94	98	126.0	108.0	92.0	11,844	10,152	9,016
NM ..	130	135	140	84	85	85	175.0	175.0	165.0	14,700	14,875	14,025
NY ...	1,150	1,170	1,130	630	600	580	103.0	110.0	114.0	64,890	66,000	66,120
NC ..	1,000	960	860	900	870	770	95.0	89.0	70.0	85,500	77,430	53,900
ND ..	750	780	970	600	590	825	91.0	99.0	107.0	54,600	58,410	88,275
OH ..	3,000	3,800	3,550	2,800	3,550	3,340	111.0	134.0	141.0	310,800	475,700	470,940
OK ..	200	200	270	170	170	220	145.0	138.0	130.0	24,650	23,460	28,600
OR ..	65	50	55	37	27	33	165.0	195.0	190.0	6,105	5,265	6,270
PA ...	1,450	1,550	1,550	1,070	1,010	1,050	119.0	98.0	111.0	127,330	98,980	116,550
RI	3	3	3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SC ...	400	350	350	380	325	275	79.0	95.0	40.0	30,020	30,875	11,000
SD ...	4,000	3,800	3,900	3,650	3,400	3,550	100.0	96.0	121.0	365,000	326,400	429,550
TN ...	740	700	700	650	620	620	116.0	102.0	96.0	75,400	63,240	59,520
TX ...	2,100	2,000	2,400	1,770	1,750	1,850	112.0	138.0	100.0	198,240	241,500	185,000
UT ...	62	62	62	20	20	24	139.0	147.0	141.0	2,780	2,940	3,384
VT ...	97	104	112	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
VA ...	450	490	500	310	325	300	126.0	93.0	84.0	39,060	30,225	25,200
WA ..	170	150	160	120	95	100	185.0	190.0	190.0	22,200	18,050	19,000
WV ..	65	65	60	40	36	34	105.0	95.0	80.0	4,200	3,420	2,720
WI ...	3,900	3,850	3,700	3,000	3,050	2,950	111.0	132.0	137.0	333,000	402,600	404,150
WY ..	85	85	95	50	52	60	123.0	135.0	127.0	6,150	7,020	7,620
US ...	79,229	79,537	80,187	72,644	72,671	72,604	127.1	126.7	134.4	9,232,557	9,206,832	9,761,085

[1] Preliminary. [2] Not estimated.

NASS, Crops Branch, (202) 720–2127.

Table 1-41.—Corn: Utilization for silage, by States, 1996–98

State	Silage								
	Area harvested			Yield per acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	15	20	35	11.0	14.0	6.0	165	280	210
AZ	15	18	19	27.0	25.5	26.5	405	459	504
AR	5	4	5	12.0	15.0	12.0	60	60	60
CA	275	315	355	25.0	26.0	25.0	6,875	8,190	8,875
CO	90	100	100	21.5	22.5	24.0	1,935	2,250	2,400
CT	32	33	30	18.5	19.0	17.0	592	627	510
DE	5	9	10	17.0	13.0	14.0	85	117	140
FL	19	30	35	17.0	16.5	13.0	323	495	455
GA	45	40	55	14.0	17.0	10.0	630	680	550
ID	68	80	90	24.0	25.5	25.5	1,632	2,040	2,295
IL	130	120	110	14.0	16.5	15.0	1,820	1,980	1,650
IN	100	110	100	18.0	16.0	17.0	1,800	1,760	1,700
IA	250	260	250	18.0	18.0	16.5	4,500	4,680	4,125
KS	130	125	120	15.0	18.0	19.0	1,950	2,250	2,280
KY	90	110	110	16.5	14.0	15.5	1,485	1,540	1,705
LA	10	10	15	16.0	15.0	14.0	160	150	210
ME	24	28	32	14.5	16.0	16.5	348	448	528
MD	60	95	65	18.0	10.0	13.0	1,080	950	845
MA	27	23	22	19.5	20.0	19.5	527	460	429
MI	310	300	240	12.5	14.5	12.5	3,875	4,350	3,000
MN	475	450	475	13.0	15.0	16.0	6,175	6,750	7,600
MS	30	25	30	10.0	15.0	8.0	300	375	240
MO	70	80	80	15.0	14.0	12.5	1,050	1,120	1,000
MT	39	45	41	21.0	21.0	21.0	819	945	861
NE	175	225	190	16.5	15.5	17.0	2,888	3,488	3,230
NH	15	16	14	17.0	19.5	18.5	255	312	259
NJ	14	22	21	16.0	15.0	12.0	224	330	252
NM	44	49	50	21.0	21.0	23.0	924	1,029	1,150
NY	510	560	550	15.5	15.0	16.0	7,905	8,400	8,800
NC	80	85	75	13.0	14.0	9.0	1,040	1,190	675
ND	140	170	125	8.0	7.0	8.5	1,120	1,190	1,063
OH	160	190	180	14.5	18.0	17.0	2,320	3,420	3,060
OK	26	25	34	20.0	17.0	15.0	520	425	510
OR	26	22	21	27.0	26.0	23.0	702	572	483
PA	370	515	490	17.5	14.0	16.0	6,475	7,210	7,840
RI	3	3	3	16.0	16.5	18.0	48	50	54
SC	15	20	25	12.5	15.0	7.0	188	300	175
SD	320	360	320	8.7	10.5	10.5	2,784	3,780	3,360
TN	75	70	65	16.0	15.0	14.0	1,200	1,050	910
TX	100	110	150	16.0	23.5	19.0	1,600	2,585	2,850
UT	40	41	37	21.0	23.0	21.0	840	943	777
VT	82	96	107	16.5	18.0	17.0	1,353	1,728	1,819
VA	130	160	190	16.5	13.0	10.5	2,145	2,080	1,995
WA	50	55	60	26.0	28.0	25.0	1,300	1,540	1,500
WV	20	28	24	16.0	14.0	15.0	320	392	360
WI	865	770	730	13.0	15.0	14.5	11,245	11,550	10,585
WY	33	32	34	18.0	21.0	19.0	594	672	646
US	5,607	6,054	5,919	15.4	16.1	16.0	86,581	97,192	94,525

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-42.—Corn for grain: Marketing year average price and value, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	3.45	2.82	2.20	76,383	61,335	27,720
AZ	3.65	3.20	2.75	25,550	21,120	14,438
AR	2.65	2.51	1.75	76,188	58,044	37,625
CA	3.37	3.05	2.55	118,624	137,403	106,080
CO	2.76	2.59	2.10	348,809	370,577	325,815
DE	3.10	2.95	2.40	68,268	49,560	37,200
FL	3.80	2.90	2.30	37,453	17,400	7,843
GA	3.58	2.90	2.40	178,553	137,025	54,060
ID	3.25	3.03	2.50	17,550	20,195	19,500
IL	2.79	2.53	2.05	4,097,952	3,606,389	3,020,573
IN	2.78	2.53	2.05	1,863,573	1,774,795	1,558,718
IA	2.60	2.33	1.90	4,449,120	3,826,326	3,361,100
KS	2.83	2.47	1.95	1,010,876	918,346	816,953
KY	3.00	2.62	2.10	446,400	310,339	284,970
LA	3.50	2.70	2.05	228,813	131,730	89,667
MD	3.05	2.98	2.35	197,137	109,962	102,460
MI	2.66	2.40	1.90	562,590	612,144	432,345
MN	2.47	2.15	1.75	2,145,813	1,830,510	1,807,313
MS	3.30	2.65	2.05	200,277	122,777	88,150
MO	2.77	2.45	1.90	942,797	732,550	541,500
MT	2.60	2.40	1.50	5,343	4,536	3,105
NE	2.64	2.32	1.95	3,114,540	2,633,664	2,417,513
NJ	3.00	2.80	2.20	35,532	28,426	19,835
NM	3.10	2.85	2.35	45,570	42,394	32,959
NY	2.98	2.62	2.15	193,372	172,920	142,158
NC	3.43	2.83	2.25	293,265	219,127	121,275
ND	2.43	2.12	1.65	132,678	123,829	145,654
OH	2.75	2.48	2.00	854,700	1,179,736	941,880
OK	2.90	2.66	2.15	71,485	62,404	61,490
OR	3.19	3.03	2.40	19,475	15,953	15,048
PA	2.99	2.92	2.45	380,717	289,022	285,548
SC	3.55	2.79	2.30	106,571	86,141	25,300
SD	2.31	2.15	1.60	843,150	701,760	687,280
TN	2.90	2.65	2.05	218,660	167,586	122,016
TX	3.19	2.74	2.35	632,386	661,710	434,750
UT	3.80	3.05	2.40	10,564	8,967	8,122
VA	3.20	2.69	2.20	124,992	81,305	55,440
WA	3.15	3.00	2.65	69,930	54,150	50,350
WV	3.11	2.80	2.10	13,062	9,576	5,712
WI	2.62	2.34	1.90	872,460	942,084	767,885
WY	2.90	2.52	2.00	17,835	17,690	15,240
US	2.71	2.43	1.95	25,149,013	22,351,507	19,092,590

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1995/96–1997/98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	1,003	1,058	1,011	7.25	6.98	6.93	7,271	7,380	7,006
Costa Rica	13	18	13	1.85	1.83	1.92	24	33	25
Cuba	85	85	75	0.53	0.65	0.93	45	55	70
Dominican Republic	20	25	25	1.30	1.28	1.24	26	32	31
El Salvador	300	281	290	2.13	2.21	2.17	640	621	630
Guatemala	820	825	830	1.62	1.64	1.42	1,330	1,350	1,181
Haiti	170	200	225	1.00	1.00	0.89	170	200	200
Honduras	406	407	425	1.62	1.33	1.41	656	540	600
Jamaica and Dep	4	4	4	1.25	1.25	1.25	5	5	5
Mexico	7,800	8,234	7,400	2.28	2.30	2.30	17,780	18,922	17,000
Nicaragua	225	283	259	1.17	1.14	1.13	263	322	292
Panama	81	80	70	1.28	1.30	1.29	104	104	90
Trinidad and Tobago	3	3	3	1.67	1.67	1.67	5	5	5
United States	26,303	29,602	29,834	7.12	7.97	7.97	187,305	236,064	237,897
Total	37,233	41,105	40,464	5.79	6.46	6.55	215,624	265,633	265,032

See footnotes at end of table.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1995/96–1997/98 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]
	1,000 hectares	*1,000 hectares*	*1,000 hectares*	*Metric tons*	*Metric tons*	*Metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
South America:									
Argentina	2,700	3,400	3,175	4.11	4.56	6.10	11,100	15,500	19,360
Bolivia	270	290	300	1.94	2.10	2.25	525	610	675
Brazil	13,767	13,877	11,600	2.36	2.61	2.67	32,480	36,160	31,000
Chile	110	110	105	9.09	7.14	9.05	1,000	785	950
Colombia	580	590	500	1.66	1.66	1.50	960	980	750
Ecuador	325	245	300	1.29	1.24	1.42	420	305	425
Guyana	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay	300	375	375	2.00	2.81	2.67	600	1,055	1,000
Peru	365	381	390	1.83	1.94	1.92	667	738	750
Uruguay	55	80	80	2.09	2.25	1.88	115	180	150
Venezuela	460	415	366	2.61	2.82	2.70	1,200	1,172	988
Total	18,937	19,768	17,196	2.59	2.91	3.26	49,072	57,490	56,053
Europe:									
Austria	173	201	188	8.51	8.63	9.80	1,473	1,735	1,842
Belgium-Luxembourg	25	25	25	8.76	8.80	8.80	219	220	220
France	1,623	1,716	1,841	7.64	8.41	9.10	12,394	14,432	16,754
Germany	325	372	369	7.37	7.83	8.64	2,395	2,913	3,188
Greece	103	125	115	9.22	10.48	10.00	950	1,310	1,150
Italy	942	1,023	1,035	8.97	9.33	9.79	8,454	9,547	10,137
Netherlands	9	11	8	7.00	7.09	7.50	63	78	60
Portugal	178	184	210	4.30	4.61	3.88	766	849	815
Spain	351	435	486	7.12	8.51	9.11	2,500	3,700	4,426
Sweden	3	3	3	3.33	3.33	3.33	10	10	10
Total EU	3,732	4,095	4,280	7.83	8.50	9.02	29,224	34,794	38,602
Switzerland	26	24	25	8.65	8.96	8.80	225	215	220
Albania	60	60	63	3.33	3.33	3.49	200	200	220
Bulgaria	430	410	450	3.26	2.37	3.33	1,400	970	1,500
Czech Republic	26	33	41	4.35	5.12	4.95	113	169	203
Hungary	1,040	1,053	1,000	4.42	5.60	6.40	4,600	5,900	6,400
Poland	48	69	77	5.00	5.07	5.40	240	350	416
Romania	3,122	3,290	3,030	3.18	2.92	4.18	9,923	9,610	12,680
Slovakia	122	130	137	4.89	5.77	5.59	597	750	766
Yugoslavia	2,000	2,100	2,075	3.85	3.62	4.67	7,700	7,600	9,700
Total Eastern Europe	6,848	7,145	6,873	3.62	3.58	4.64	24,773	25,549	31,885
Fmr. Soviet Union:.									
Azerbaijan	15	15	15	1.33	1.33	1.33	20	20	20
Georgia	115	134	230	2.09	2.24	1.96	240	300	450
Kyrgyzstan	50	50	40	2.40	3.60	4.25	120	180	170
Kazakhstan	93	110	65	1.70	1.09	1.54	158	120	100
Moldova	300	339	360	3.67	2.92	4.17	1,100	989	1,500
Russian Fed.	643	619	850	2.64	1.78	3.18	1,700	1,100	2,700
Tajikistan	8	8	8	3.13	3.13	3.13	25	25	25
Turkmenistan	50	20	20	3.10	3.00	2.50	155	60	50
Ukraine	1,161	671	1,650	2.92	2.74	3.21	3,392	1,840	5,300
Uzbekistan	30	30	40	3.33	3.33	3.50	100	100	140
Total	2,465	1,996	3,278	2.84	2.37	3.19	7,010	4,734	10,455
Africa:									
Algeria	1	1	1	2.00	2.00	2.00	2	2	2
Angola	700	725	725	0.57	0.55	0.51	400	400	370
Benin	530	450	450	1.13	1.11	1.00	600	500	450
Botswana	20	30	30	0.25	0.50	0.33	5	15	10
Burkina	160	230	170	1.31	1.30	1.29	210	300	220
Burundi	120	110	115	1.25	1.32	1.39	150	145	160
Cameroon	400	400	375	1.63	1.88	1.60	650	750	600
Cape Verde	15	15	15	0.67	0.67	0.67	10	10	10
Central African Republic	80	90	80	0.88	0.83	0.75	70	75	60
Chad	70	85	80	0.86	0.88	1.00	60	75	80
Congo (Brazzaville)	30	30	30	0.83	0.83	0.67	25	25	20
Cote d'Ivorie	685	690	700	0.87	0.90	0.91	595	620	640
Egypt	902	876	837	5.93	6.65	7.18	5,353	5,825	6,010

See footnotes at end of table.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1995/96–1997/98 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	1,500	1,950	1,850	1.87	1.64	1.19	2,800	3,200	2,200
Gambia, The	15	15	10	1.33	1.33	1.00	20	20	10
Ghana	670	665	660	1.54	1.50	1.52	1,035	1,000	1,000
Guinea	90	85	85	1.00	0.94	0.94	90	80	80
Guinea-Bissau	15	15	15	1.00	1.00	1.00	15	15	15
Kenya	1,750	1,500	1,575	1.49	1.44	1.43	2,600	2,160	2,250
Lesotho	150	145	100	1.33	1.03	1.00	200	150	100
Madagascar	180	190	190	1.00	0.95	0.95	180	180	180
Malawi	1,250	1,250	1,250	1.44	0.98	1.40	1,800	1,225	1,750
Mali	235	205	200	1.23	1.29	1.50	290	265	300
Mauritania	3	3	3	1.00	1.00	1.00	3	3	3
Morocco	390	245	341	0.13	0.86	1.10	50	210	375
Mozambique	1,000	1,100	1,100	0.95	0.95	1.00	950	1,050	1,100
Nigeria	3,550	3,500	3,450	1.83	1.43	1.42	6,500	5,000	4,900
Rwanda	50	60	70	1.50	1.17	1.14	75	70	80
Senegal	100	85	60	1.05	1.06	1.00	105	90	60
Sierra Leone	8	10	10	1.00	1.00	1.00	8	10	10
Somalia	150	200	250	1.00	0.80	0.60	150	160	150
South Africa, Rep. of	3,300	3,360	2,956	3.09	2.68	2.55	10,200	9,012	7,550
Swaziland	75	60	60	1.80	1.67	1.67	135	100	100
Tanzania, United Rep.	1,655	1,650	1,625	1.55	1.61	1.29	2,570	2,650	2,100
Togo	260	380	380	0.87	1.05	1.18	225	400	450
Tunisia	1	1	1	1.00	1.00	1.00	1	1	1
Uganda	594	590	500	1.60	1.53	1.50	950	900	750
Zaire	1,400	1,350	1,300	0.79	0.81	0.77	1,100	1,100	1,000
Zambia	675	600	450	2.07	1.67	1.44	1,400	1,000	650
Zimbabwe	1,550	1,640	1,225	1.68	1.10	1.22	2,600	1,800	1,500
Total	24,329	24,586	23,324	1.82	1.65	1.60	44,182	40,593	37,296
Asia:									
Afghanistan	300	300	300	1.67	1.67	1.50	500	500	450
Burma	160	160	160	1.69	1.56	1.56	270	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	22,767	24,498	23,775	4.92	5.20	4.39	112,000	127,470	104,300
Indonesia	3,531	3,200	2,900	1.70	1.86	1.97	6,000	5,950	5,700
India	5,979	6,248	9,800	1.59	1.70	1.13	9,530	10,612	11,088
Iran	50	50	75	1.40	1.40	1.33	70	70	100
Iraq	140	140	140	2.14	1.79	1.79	300	250	250
Japan	1	1	1	2.00	1.00	1.00	2	1	1
Jordan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep	600	600	600	3.33	3.00	2.50	2,000	1,800	1,500
Korea, Rep. of	18	18	21	3.89	4.00	4.14	70	72	87
Lebanon	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia	23	25	25	1.87	1.80	1.92	43	45	48
Nepal	725	770	770	1.66	1.62	1.69	1,200	1,250	1,300
Pakistan	881	872	882	1.46	1.44	1.47	1,283	1,260	1,300
Philippines	2,760	2,718	2,400	1.57	1.55	1.48	4,324	4,215	3,550
Saudi Arabia	3	3	3	1.33	1.33	1.33	4	4	4
Syria	69	73	74	2.90	3.42	3.65	200	250	270
Taiwan	56	46	34	4.88	4.76	4.79	273	219	163
Thailand	1,140	1,200	1,080	3.25	3.25	3.43	3,700	3,900	3,700
Turkey	515	550	600	3.50	3.64	3.50	1,800	2,000	2,100
Vietnam	557	615	620	2.13	2.44	2.42	1,184	1,500	1,500
Yemen	40	35	32	1.75	1.43	1.63	70	50	52
Total	40,418	42,165	44,455	3.52	3.77	3.04	142,416	159,061	135,306
Oceania:									
Australia	63	68	63	5.03	5.46	5.40	317	371	340
New Zealand	18	15	15	8.89	9.67	9.67	160	145	145
Total	81	83	78	5.89	6.22	6.22	477	516	485
World total	134,069	140,967	139,973	3.83	4.18	4.11	513,003	588,585	575,334

[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, 1996–98 [1]

Country	1995/96	1996/97	1997/98 [2]
	1,000 metric tons	*1,000 Metric tons*	*1,000 metric tons*
Exports:			
Argentina	6,952	10,203	13,000
China	168	3,892	6,000
Hungary	122	250	1,250
Romania	239	534	700
South Africa	1,541	2,200	1,500
Thailand	84	21	50
EU	344	258	400
Others	2,775	2,232	2,685
Subtotal	12,225	19,590	25,585
United States	52,681	46,579	38,000
Total	64,906	66,169	63,585
Imports:			
Algeria	586	935	900
Belarus	70	50	50
Brazil	160	383	1,200
Canada	735	879	1,500
Chile	449	783	900
China	1,476	75	250
Colombia	1,495	1,518	1,650
Costa Rica	340	354	370
Dominican Republic	649	733	700
Egypt	2,225	3,123	3,000
Guatemala	192	323	325
Indonesia	774	893	600
Iran	1,307	1,550	1,000
Israel	629	714	300
Japan	15,976	15,963	16,200
Jordan	269	442	500
Korea, North	76	503	200
Korea, South	8,963	8,336	7,500
Malaysia	2,444	2,500	2,100
Mexico	6,379	3,141	4,500
Peru	822	820	1,050
Philippines	515	446	500
Poland	352	578	475
Russia	67	192	200
Saudi Arabia	923	1,272	1,300
South Africa	402	313	150
Taiwan	5,733	5,741	4,500
Thailand	260	231	150
Tunisia	303	394	300
Turkey	752	864	600
Uzbekistan	150	150	150
Venezuela	1,205	1,234	1,150
Zimbabwe	95	70	100
EU	2,966	2,595	1,900
Other Western Europe	350	348	330
United States	399	285	250
Subtotal	60,488	58,731	56,850
Other Countries	3,320	5,355	4,648
Unaccounted	1,098	2,083	2,087
World Total	64,906	66,169	63,585

[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, 1989–98

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*
1989/90	0.58	1.65	2.84	920	12.2	361	233
1990/91	0.51	1.57	2.75	1,071	13.5	285	371
1991/92	0.41	1.62	2.75	1,006	13.5	291	113
1992/93	0.73	1.72	2.75	1,646	17.4	0	56
1993/94	0.28	1.72	2.75	618	9.8	0	45
1994/95	0.57	1.89	2.75	2,002	19.8	0	42
1995/96	0.00	1.89	2.75	676	9.2	0	30
1996/97	0.251	1.89	NA	970	10.4	0	2
1997/98	0.486	1.89	NA	1,132	12.1	2	4
1998/99	0.374	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, 1996/97–1997/98 [1]

Country of destination	Year	
	1996/97	1997/98
	1,000 metric tons	*1,000 metric tons*
Corn:		
Canada	879	1,397
Mexico	3,141	4,373
Venezuela	730	645
Peru	144	370
Brazil	12	1
Chile	396	104
Other Americas	3,735	3,070
Total Americas	9,037	9,960
European Union	1,669	166
Other Western Europe	209	27
Total W. Europe	1,878	193
Poland	293	0
Former Soviet Union	206	1
Other E. Europe	55	19
Total E. Europe and. Former Soviet Union	554	20
Korea, Rep. of	5,404	3,364
Taiwan	5,609	3,488
Japan	15,425	13,957
Other Asia	1,359	688
Total Asia	27,797	21,497
Egypt	2,364	1,951
Nigeria	0	4
Other Africa	1,719	1,656
Total Africa	4,083	3,607
Other countries	3,231	2,419
World total	46,579	37,697

[1] Year beginning Oct. 1.

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

Table 1-47.—Oats: Area, yield, production, and value, United States, 1989–98

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*
1989	12,085	6,882	54.3	373,587	1.49	548,938
1990	10,423	5,947	60.1	357,654	1.14	417,762
1991	8,653	4,816	50.6	243,851	1.21	309,735
1992	7,943	4,496	65.4	294,229	1.32	399,595
1993	7,937	3,803	54.4	206,731	1.36	291,014
1994	6,637	4,008	57.1	228,844	1.22	299,810
1995	6,225	2,952	54.6	161,094	1.67	280,547
1996	4,668	2,655	57.7	153,245	1.96	313,920
1997	5,068	2,813	59.5	167,246	1.60	273,284
1998 [2]	4,902	2,765	60.4	167,122	1.10	188,295

[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, 1988–97

Year beginning September	On farms				Off farms [1]			
	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1
1989	.....	.....	140,000	82,850	.....	.....	74,749	74,062
1990 [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 [3]	110,300	81,500	NA	NA	51,515	61,841	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, 1988–97

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held [1]	Government	Total
					Feed and residual	Food and seed	Total					
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*
1988	112	217	63	392	194	100	293	1	294	96	2	98
1989	98	374	66	538	283	97	381	1	381	156	1	157
1990	157	358	63	578	312	94	406	1	407	171	(2)	171
1991	171	244	75	490	266	94	360	2	362	128	(2)	128
1992	128	294	55	477	263	95	358	6	364	113	(2)	113
1993	113	207	107	427	225	93	318	3	321	106	0	106
1994	106	229	93	428	234	92	326	1	327	101	0	101
1995	101	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 [3]	67	167	98	332	161	95	256	2	258	74	0	74

[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, 1989–98

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*
1989/90	0.00	0.85	1.50	1.8	0.5	0.1	0.7
1990/91	0.32	0.81	1.45	1.6	0.4	0.0	0.4
1991/92	0.35	0.83	1.45	1.7	0.7	0.0	0.2
1992/93	0.17	0.88	1.45	2.8	1.0	0.0	0.1
1993/94	0.11	0.88	1.45	1.8	0.9	0.0	0.0
1994/95	0.19	0.97	1.45	1.9	0.8	0.0	0.0
1995/96	0.00	0.97	1.45	0.7	0.4	0.0	0.0
1996/97	0.033	1.03	NA	1.5	1.0	0.0	0.0
1997/98	0.031	1.11	NA	2.4	1.4	0.0	0.0
1998/99	0.032	1.11	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 1-51.—Oats: Area, yield, and production, by States, 1996–98

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	35	15	20	17	45.0	48.0	48.0	675	960	816
AR	17	12	10	15	10	9	72.0	75.0	80.0	1,080	750	720
CA	300	350	320	30	30	30	75.0	80.0	75.0	2,250	2,400	2,250
CO	80	70	90	35	25	25	52.0	68.0	70.0	1,820	1,700	1,750
GA	60	65	50	25	30	25	64.0	56.0	53.0	1,600	1,680	1,325
ID	60	80	80	25	21	30	75.0	75.0	75.0	1,875	1,575	2,250
IL	90	100	85	70	75	70	66.0	74.0	56.0	4,620	5,550	3,920
IN	40	60	50	25	30	30	64.0	60.0	50.0	1,600	1,800	1,500
IA	285	330	280	190	230	185	68.0	73.0	59.0	12,920	16,790	10,915
KS	130	130	110	80	80	60	52.0	59.0	45.0	4,160	4,720	2,700
ME	31	26	25	28	23	24	75.0	73.0	73.0	2,100	1,679	1,752
MD	9	9	9	7	7	7	62.0	55.0	50.0	434	385	350
MI	70	95	120	60	80	105	60.0	61.0	46.0	3,600	4,880	4,830
MN	320	400	350	270	300	310	56.0	58.0	63.0	15,120	17,400	19,530
MO	52	40	22	29	25	13	53.0	61.0	47.0	1,537	1,525	611
MT	110	140	140	50	70	60	40.0	55.0	54.0	2,000	3,850	3,240
NE	165	160	170	105	90	95	71.0	65.0	56.0	7,455	5,850	5,320
NY	85	100	115	70	90	105	55.0	65.0	62.0	3,850	5,850	6,510
NC	50	55	40	20	25	20	60.0	64.0	58.0	1,200	1,600	1,160
ND	530	700	730	380	425	420	50.0	44.0	62.0	19,000	18,700	26,040
OH	120	120	120	90	90	100	57.0	74.0	65.0	5,130	6,660	6,500
OK	50	75	60	18	40	25	36.0	44.0	41.0	648	1,760	1,025
OR	80	80	65	35	31	35	97.0	92.0	110.0	3,395	2,852	3,850
PA	160	185	190	135	155	160	56.0	58.0	53.0	7,560	8,990	8,480
SC	50	50	40	30	25	25	54.0	56.0	45.0	1,620	1,400	1,125
SD	450	380	420	360	270	300	60.0	55.0	67.0	21,600	14,850	20,100
TX	650	550	600	100	130	130	34.0	52.0	53.0	3,400	6,760	6,890
UT	45	50	50	9	10	9	70.0	72.0	70.0	630	720	630
WA	28	35	30	14	17	15	80.0	80.0	75.0	1,120	1,360	1,125
WV	6	6	6	3	4	4	50.0	50.0	50.0	150	200	200
WI	430	510	430	300	320	300	58.0	63.0	61.0	17,400	20,160	18,300
WY	50	70	60	32	35	22	53.0	54.0	64.0	1,696	1,890	1,408
US	4,638	5,068	4,902	2,655	2,813	2,765	57.7	59.5	60.4	153,245	167,246	167,122

[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 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	2.50	1.70	2.05	1,688	1,632	1,673
AR	2.84	2.15	1.45	3,067	1,613	1,044
CA	2.22	1.98	1.40	4,995	4,752	3,150
CO	2.24	2.05	1.70	4,077	3,485	2,975
GA	2.53	1.87	1.50	4,048	3,142	1,988
ID	2.00	1.64	1.15	3,750	2,583	2,588
IL	2.27	1.71	1.25	10,487	9,491	4,900
IN	2.51	1.94	1.70	4,016	3,492	2,550
IA	2.16	1.63	1.15	27,994	27,368	12,552
KS	1.92	1.52	1.60	7,910	7,174	4,320
ME	1.57	1.20	0.95	3,297	2,015	1,664
MD	2.71	1.75	1.65	1,176	674	578
MI	2.41	1.86	1.30	8,676	9,077	6,279
MN	1.84	1.46	0.95	27,821	25,404	18,554
MO	2.25	1.85	1.60	3,458	2,821	978
MT	1.91	1.33	1.25	3,820	5,121	4,050
NE	2.11	1.79	1.15	15,730	10,472	6,118
NY	2.10	1.70	1.40	8,085	9,945	9,114
NC	2.40	1.80	1.50	2,880	2,880	1,740
ND	1.68	1.32	0.85	31,920	24,684	22,134
OH	2.41	1.76	1.35	12,363	11,722	8,775
OK	3.10	2.10	1.80	2,009	3,696	1,845
OR	2.22	1.77	1.30	7,537	5,048	5,005
PA	2.27	1.84	1.30	17,161	16,542	11,024
SC	2.35	1.55	1.30	3,807	2,170	1,463
SD	1.86	1.56	0.95	40,176	23,166	19,095
TX	3.43	2.36	1.40	11,662	15,954	9,646
UT	2.10	1.97	1.35	1,323	1,418	851
WA	1.80	1.75	1.30	2,016	2,380	1,463
WV	2.30	2.07	1.30	345	414	260
WI	1.91	1.46	0.95	33,234	29,434	17,385
WY	2.00	1.86	1.80	3,392	3,515	2,534
US	1.96	1.60	1.10	313,920	273,284	188,295

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-53.—Oats: Area, yield, and production in specified countries, 1995/96–1997/98 [1]

Country and continent	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	1,203	1,684	1,500	2.38	2.59	2.32	2,858	4,361	3,485
Mexico	100	100	100	1.00	1.00	1.00	100	100	100
United States	1,199	1,087	1,178	1.96	2.07	2.17	2,352	2,254	2,556
Total	2,502	2,871	2,778	2.12	2.34	2.21	5,310	6,715	6,141
Argentina	275	250	290	1.27	1.24	1.76	350	310	510
Brazil	300	300	300	1.00	1.00	1.00	300	300	300
Chile	70	70	70	2.86	3.07	2.86	200	215	200
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	89	90	90	0.35	0.33	0.33	31	30	30
Total	738	714	754	1.20	1.20	1.39	886	860	1,045
Europe:									
Austria	41	41	46	3.93	3.71	4.28	161	152	197
Belgium	9	8	8	4.22	4.00	4.00	38	32	32
Denmark	32	32	30	5.25	5.13	5.17	168	164	155
Finland	329	374	369	3.33	3.37	3.37	1,097	1,261	1,243
France	149	141	133	4.14	4.41	4.24	617	622	564
Germany	309	302	310	4.60	5.32	5.16	1,421	1,606	1,599
Greece	40	40	45	1.75	1.75	1.78	70	70	80
Ireland	18	18	18	5.56	6.11	6.11	100	110	110
Italy	135	142	139	2.23	2.46	1.98	301	350	275
Netherlands	3	2	2	5.33	5.50	5.50	16	11	11

See footnotes at end of table.

Table 1-53.—Oats: Area, yield, and production in specified countries, 1995/96–1997/98 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	73	68	70	0.79	0.97	0.64	58	66	45
Spain	300	394	396	0.72	1.66	1.26	216	653	500
Sweden	273	278	315	3.47	4.32	4.05	947	1,200	1,275
United Kingdom	110	96	105	5.59	6.14	5.48	615	589	575
Total EU	1,821	1,936	1,986	3.20	3.56	3.35	5,825	6,886	6,661
Norway	93	96	93	3.80	4.18	3.90	353	401	363
Switzerland	9	9	9	4.78	4.89	4.67	43	44	42
Total	102	105	102	3.88	4.24	3.97	396	445	405
Albania	20	20	11	1.25	1.25	1.36	25	25	15
Bulgaria	36	35	35	1.31	1.17	1.14	47	41	40
Czech Republic	60	66	78	3.12	3.24	3.17	187	214	247
Hungary	50	48	50	2.60	2.29	2.50	130	110	125
Poland	595	625	626	2.51	2.53	2.60	1,495	1,581	1,630
Romania	239	220	200	1.69	1.32	1.65	404	290	330
Slovakia	16	18	18	2.63	2.28	2.78	42	41	50
Yugoslavia	120	130	130	1.67	1.85	1.85	200	240	240
Total E. Europe	1,136	1,162	1,148	2.23	2.19	2.33	2,530	2,542	2,677
Fmr. Soviet Union:.									
Azerbaijan	2	2	2	1.50	1.50	1.50	3	3	3
Armenia	2	2	2	1.50	1.50	1.50	3	3	3
Byelarus	330	300	340	2.12	2.33	2.06	700	700	700
Estonia	39	48	50	2.05	2.40	2.00	80	115	100
Georgia	10	10	10	1.00	1.00	1.00	10	10	10
Kyrgyzstan	3	3	3	2.67	2.67	2.67	8	8	8
Kazakhstan	500	440	375	0.48	0.61	0.93	240	270	350
Latvia	45	56	50	1.67	1.80	2.32	75	101	116
Lithuania	50	52	58	1.30	1.96	2.07	65	102	120
Moldova	3	3	3	2.33	2.33	2.33	7	7	7
Russian Fed.	7,928	6,929	6,500	1.08	1.20	1.45	8,600	8,300	9,400
Tajikistan	3	3	3	1.00	1.00	1.00	3	3	3
Ukraine	560	482	550	1.99	1.51	1.82	1,116	730	1,000
Total	9,475	8,330	7,946	1.15	1.24	1.49	10,910	10,352	11,820
Algeria	100	100	40	0.50	1.00	0.50	50	100	20
Morocco	30	40	40	0.67	0.75	0.75	20	30	30
South Africa, Rep. of	698	675	700	0.05	0.05	0.06	38	34	45
Total	828	815	780	0.13	0.20	0.12	108	164	95
Asia:									
China, People's Republic	540	500	450	1.19	1.20	0.89	640	600	400
Japan	3	1	1	1.33	2.00	2.00	4	2	2
Turkey	150	145	140	1.83	1.72	1.79	275	250	250
Total	693	646	591	1.33	1.32	1.10	919	852	652
Oceania:									
Australia	1,136	1,089	930	1.65	1.56	1.70	1,875	1,698	1,580
New Zealand	20	20	20	3.75	3.75	3.75	75	75	75
Total	1,156	1,109	950	1.69	1.60	1.74	1,950	1,773	1,655
World total	18,431	17,668	17,015	1.56	1.73	1.83	28,759	30,514	31,076

[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, 1989–98

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*
1989	9,125	8,313	48.6	404,203	2.42	968,180
1990	8,221	7,529	56.1	422,196	2.14	911,545
1991	8,941	8,413	55.2	464,326	2.10	996,542
1992	7,762	7,285	62.5	455,090	2.04	946,463
1993	7,786	6,753	58.9	398,041	1.99	812,889
1994	7,159	6,667	56.2	374,862	2.03	783,709
1995	6,689	6,279	57.2	359,376	2.89	1,028,756
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 [2]	6,340	5,867	60.1	352,445	1.95	663,773

[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, 1989–98

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*
1989	254,350	186,440	102,825	48,590	163,598	164,168	149,870	112,226
1990	258,400	176,400	94,850	48,990	152,453	129,327	116,062	86,392
1991	271,000	196,300	102,000	45,140	168,952	132,087	113,890	83,457
1992	261,000	198,350	122,880	68,220	157,402	148,226	121,057	82,962
1993	277,600	194,150	116,475	63,870	125,102	139,277	107,807	74,988
1994	220,150	166,300	86,800	37,905	131,740	112,560	106,156	74,688
1995	198,900	121,400	58,825	25,600	113,624	121,110	119,107	73,993
1996	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 [2]	193,500	140,900	NA	NA	132,652	121,523	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, 1988–97

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*
1988	321	290	11	622	175	171	346	79	425	166	30	196
1989	196	404	13	614	195	174	369	84	453	142	19	161
1990	161	422	13	596	206	174	380	81	461	127	8	135
1991	135	464	25	624	228	173	401	94	496	122	7	129
1992	129	455	11	595	191	173	364	80	444	146	5	151
1993	151	398	71	621	244	172	416	66	482	134	5	139
1994	139	375	66	580	228	173	401	66	467	108	5	113
1995	113	359	41	513	179	172	351	62	413	95	5	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

[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, 1996–98

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	55	70	58	54	67	56	105.0	102.0	110.0	5,670	6,834	6,160
CA	250	230	170	190	150	125	60.0	57.0	60.0	11,400	8,550	7,500
CO	100	95	90	92	89	82	104.0	108.0	115.0	9,568	9,612	9,430
DE	25	40	34	23	35	30	68.0	89.0	60.0	1,564	3,115	1,800
ID	750	770	780	730	750	760	73.0	79.0	78.0	53,290	59,250	59,280
KS	13	10	8	11	8	8	33.0	42.0	35.0	363	336	280
KY	22	9	8	20	7	7	74.0	70.0	63.0	1,480	490	441
MD	55	55	60	49	50	54	61.0	80.0	64.0	2,989	4,000	3,456
MI	28	25	30	25	22	26	48.0	58.0	50.0	1,200	1,276	1,300
MN	550	500	440	520	460	415	64.0	51.0	55.0	33,280	23,460	22,825
MT	1,250	1,250	1,350	1,150	1,150	1,200	43.0	53.0	48.0	49,450	60,950	57,600
NE	20	10	10	17	9	8	53.0	51.0	50.0	901	459	400
NV	6	5	5	5	5	4	95.0	100.0	100.0	475	500	400
NJ	3	5	6	3	4	4	60.0	74.0	58.0	180	296	232
NC	25	24	25	20	20	20	65.0	68.0	57.0	1,300	1,360	1,140
ND	2,650	2,400	2,000	2,600	2,250	1,930	55.0	45.0	55.0	143,000	101,250	106,150
OK	6	6	7	3	5	5	23.0	42.0	47.0	69	210	235
OR	160	126	150	150	116	130	64.0	69.0	62.0	9,600	8,004	8,060
PA	80	72	80	75	68	75	67.0	67.0	67.0	5,025	4,556	5,025
SC	5	4	4	4	3	3	50.0	60.0	47.0	200	180	141
SD	160	130	115	145	120	95	44.0	38.0	48.0	6,380	4,560	4,560
TX	16	10	10	11	5	5	34.0	47.0	43.0	374	235	215
UT	110	100	95	100	95	85	80.0	84.0	83.0	8,000	7,980	7,055
VA	90	75	90	75	60	70	68.0	82.0	61.0	5,100	4,920	4,270
WA	450	490	530	440	480	520	62.0	74.0	65.0	27,280	35,520	33,800
WI	90	80	80	75	65	65	53.0	55.0	52.0	3,975	3,575	3,380
WY	125	115	105	120	105	85	86.0	80.0	86.0	10,320	8,400	7,310
US	7,094	6,706	6,340	6,707	6,198	5,867	58.5	58.1	60.1	392,433	359,878	352,445

[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 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AZ	3.55	2.90	2.90	20,129	19,819	17,864
CA	3.69	2.75	2.25	42,066	23,513	16,875
CO	3.05	2.98	2.90	29,182	28,644	27,347
DE	2.98	1.95	1.30	4,661	6,074	2,340
ID	3.14	2.82	2.35	167,331	167,085	139,308
KS	3.15	2.69	2.30	1,143	904	644
KY	2.81	2.06	1.30	4,159	1,009	573
MD	3.12	2.05	1.30	9,326	8,200	4,493
MI	2.40	1.90	1.50	2,880	2,424	1,950
MN	2.38	1.88	1.60	79,206	44,105	36,520
MT	3.07	2.83	2.25	151,812	172,489	129,600
NE	2.15	2.20	1.80	1,937	1,010	720
NV	3.00	2.85	2.50	1,425	1,425	1,000
NJ	2.55	2.00	1.05	459	592	244
NC	2.60	2.10	1.90	3,380	2,856	2,166
ND	2.42	1.96	1.55	346,060	198,450	164,533
OK	3.20	2.15	1.70	221	452	400
OR	2.72	2.39	1.50	26,112	19,130	12,090
PA	3.14	2.01	1.35	15,779	9,158	6,784
SC	3.30	2.05	1.80	660	369	254
SD	2.58	2.23	1.70	16,460	10,169	7,752
TX	3.75	2.30	2.05	1,403	541	441
UT	2.93	2.29	1.70	23,440	18,274	11,994
VA	2.90	2.10	1.40	14,790	10,332	5,978
WA	2.64	2.27	1.45	72,019	80,630	49,010
WI	2.65	1.70	1.15	10,534	6,078	3,887
WY	3.33	3.32	2.60	34,366	27,888	19,006
US	2.74	2.38	1.95	1,080,940	861,620	663,773

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-59.—Barley: Area, yield, and production in specified countries, 1995/96–1997/98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	4,365	4,888	4,700	2.99	3.18	2.88	13,035	15,562	13,527
Mexico	243	309	271	1.72	1.99	1.70	417	614	460
United States	2,541	2,739	2,600	3.08	3.15	3.14	7,829	8,616	8,153
Total	7,149	7,936	7,571	2.98	3.12	2.92	21,281	24,792	22,140
South America:									
Argentina	218	250	320	1.77	2.13	2.88	385	533	920
Bolivia	90	85	85	0.67	0.76	0.76	60	65	65
Brazil	60	100	80	1.67	1.75	1.88	100	175	150
Chile	25	28	28	3.60	3.75	3.57	90	105	100
Colombia	24	20	10	1.88	2.00	2.00	45	40	20
Ecuador	35	35	35	2.00	0.86	1.00	35	30	35
Peru	90	100	130	1.11	1.00	1.15	100	100	150
Uruguay	140	145	140	2.39	2.59	2.68	335	375	375
Total	682	763	828	1.69	1.87	2.19	1,150	1,423	1,815
Europe:									
Austria	229	260	261	4.65	4.17	4.82	1,065	1,083	1,258
Belgium-Luxembourg	68	70	65	6.28	5.71	6.77	427	400	440
Denmark	716	738	720	5.40	5.36	5.40	3,864	3,953	3,887
Finland	516	543	583	3.42	3.61	3.44	1,764	1,959	2,004
France	1,393	1,527	1,681	5.56	6.25	6.06	7,739	9,540	10,188
Germany	2,109	2,208	2,274	5.64	5.47	5.89	11,891	12,074	13,399
Greece	155	148	130	2.65	2.60	2.69	410	385	350
Ireland	181	184	180	5.99	6.39	5.83	1,084	1,175	1,049
Italy	381	359	335	3.64	3.76	3.25	1,387	1,350	1,090
Netherlands	36	36	42	5.64	6.53	6.38	203	235	268
Portugal	51	46	40	1.04	1.50	1.00	53	69	40
Spain	3,300	3,530	3,707	1.58	2.72	2.32	5,200	9,600	8,600
Sweden	445	459	487	4.03	4.60	4.36	1,793	2,113	2,125
United Kingdom	1,192	1,267	1,328	5.73	6.14	5.91	6,833	7,780	7,850
Total	10,772	11,375	11,833	4.06	4.55	4.44	43,713	51,716	52,548
Norway	175	175	175	3.29	3.83	3.77	575	670	660
Switzerland	55	55	50	5.51	6.58	6.28	303	362	314
Total W. Europe	230	230	225	3.82	4.49	4.33	878	1,032	974
Albania	10	10	10	3.00	3.00	3.00	30	30	30
Bulgaria	400	290	290	3.25	1.72	2.76	1,300	500	800
Czech Republic	558	600	647	3.84	3.77	3.84	2,141	2,262	2,485
Hungary	393	326	390	3.58	2.85	3.59	1,408	930	1,400
Poland	1,048	1,130	1,242	3.13	3.04	3.11	3,278	3,437	3,866
Romania	570	500	617	2.98	2.22	3.06	1,700	1,110	1,889
Slovakia	234	226	245	3.39	3.18	3.78	794	718	925
Yugoslavia	200	240	210	3.00	2.38	3.07	600	570	645
Total E. Europe	3,413	3,322	3,651	3.30	2.88	3.30	11,251	9,557	12,040

See footnotes at end of table.

Table 1-59.—Barley: Area, yield, and production in specified countries, 1995/96–1997/98 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	245	150	115	1.63	1.73	1.70	400	260	195
Armenia	65	65	75	1.38	1.38	1.20	90	90	90
Byelarus	1,000	950	930	2.30	2.63	2.58	2,300	2,500	2,400
Estonia	187	147	150	1.49	2.16	1.87	279	317	280
Georgia	35	35	35	1.71	1.14	1.14	60	40	40
Kyrgyzstan	135	125	80	1.28	1.40	1.94	173	175	155
Kazakhstan	4,794	3,600	3,200	0.45	0.75	0.81	2,178	2,700	2,600
Latvia	203	191	180	1.39	1.95	2.00	283	372	360
Lithuania	545	474	504	1.65	2.49	2.58	900	1,178	1,300
Moldova	90	90	85	3.11	1.31	2.82	280	118	240
Russian Fed.	14,710	11,853	12,600	1.07	1.34	1.65	15,800	15,900	20,800
Tajikistan	40	20	20	0.83	1.00	1.00	33	20	20
Turkmenistan	70	23	20	1.71	1.09	1.00	120	25	20
Ukraine	4,413	3,426	3,700	2.18	1.67	2.00	9,633	5,725	7,400
Uzbekistan	275	200	100	1.22	1.05	1.50	335	210	150
Total	26,807	21,349	21,794	1.23	1.39	1.65	32,864	29,630	36,050
Africa:									
Algeria	800	1,000	150	0.68	1.30	0.33	540	1,300	50
Egypt	50	55	55	3.00	3.09	3.09	150	170	170
Ethiopia	1,150	1,450	1,500	1.26	1.10	1.00	1,450	1,600	1,500
Kenya	85	85	85	1.06	1.06	1.06	90	90	90
Libya	280	280	280	0.29	0.36	0.30	80	100	85
Morocco	1,300	2,430	1,996	0.46	1.58	0.66	600	3,831	1,324
South Africa, Rep. of	125	127	132	2.40	1.39	1.38	300	176	182
Tunisia	550	712	260	1.52	1.21	0.77	835	861	200
Zimbabwe	5	5	5	1.20	3.00	3.00	6	15	15
Total	4,345	6,144	4,463	0.93	1.33	0.81	4,051	8,143	3,616
Asia:									
Afghanistan	225	220	220	0.89	0.82	0.91	200	180	200
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	1,283	1,300	1,300	3.19	3.08	3.08	4,089	4,000	4,000
Cyprus	55	60	60	2.36	2.00	2.50	130	120	150
India	890	824	760	1.94	1.83	1.89	1,730	1,510	1,436
Iran	2,500	2,400	2,200	1.32	1.29	1.36	3,300	3,100	3,000
Iraq	14	12	14	0.50	0.50	0.50	7	6	7
Israel	1,350	1,300	1,200	0.96	0.92	0.67	1,300	1,200	800
Japan	62	59	57	3.63	3.69	4.09	225	218	233
Jordan	84	50	85	0.68	0.86	0.53	57	43	45
Korea, Rep. of	90	95	69	4.48	4.34	3.75	403	412	259
Lebanon	5	5	5	1.20	1.20	1.20	6	6	6
Nepal	30	35	35	0.83	1.00	1.00	25	35	35
Pakistan	155	155	170	0.97	0.97	1.00	150	150	170
Saudi Arabia	188	71	63	6.38	6.34	6.35	1,200	450	400
Syria	1,963	1,550	1,627	0.87	1.07	0.60	1,705	1,653	983
Turkey	3,550	3,650	3,700	1.94	1.97	1.97	6,900	7,200	7,300
Yemen	49	50	50	1.31	1.08	0.94	64	54	47
Total	12,505	11,848	11,627	1.72	1.72	1.64	21,501	20,347	19,081
Oceania:									
Australia	3,111	3,409	3,455	1.87	2.00	1.86	5,823	6,809	6,427
New Zealand	68	78	80	4.41	4.94	5	300	385	400
Total	3,179	3,487	3,535	1.93	2.06	1.93	6,123	7,194	6,827
World total	69,082	66,454	65,527	2.07	2.31	2.37	142,812	153,834	155,091

[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, 1988–97

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*
1988	737	132	3.8	3.5	0.6	41.0	16.7
1989	727	130	4.0	3.5	0.6	43.6	17.6
1990	773	136	4.3	3.5	0.6	45.9	18.4
1991	791	137	4.5	3.5	0.6	47.3	18.7
1992	817	139	4.7	3.5	0.6	48.3	18.9
1993	853	143	5.0	3.3	0.6	53.0	20.5
1994	871	144	5.2	3.3	0.6	54.8	21.0
1995	858	142	5.4	3.4	0.6	55.0	20.9
1996	896	149	5.4	3.5	0.6	56.1	21.1
1997 [9]	903	150	5.4	3.5	0.6	59.0	22.0

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*
1988	692	14.3	3.3	65.6	3.7	4.1	72.7	6.4	7.1	0.9
1989	714	14.6	3.1	65.3	3.8	4.1	74.0	6.4	6.7	0.8
1990	736	14.9	3.0	67.3	3.8	4.0	75.3	6.5	6.4	0.8
1991	763	15.2	2.8	72.0	3.9	4.0	76.6	6.5	6.0	0.7
1992	791	15.5	2.6	72.9	3.9	4.0	77.4	6.5	6.1	0.7
1993	831	15.7	2.6	76.2	3.9	4.0	78.3	6.5	6.2	0.7
1994	862	15.8	2.6	78.4	3.9	4.1	79.2	6.5	6.3	0.7
1995	885	16.0	2.6	80.2	4.0	4.1	80.0	6.5	6.4	0.7
1996	918	16.2	2.6	82.0	4.0	4.1	81.4	6.6	6.5	0.7
1997 [9]	949	16.4	2.6	85.9	3.8	4.1	82.2	6.5	6.5	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] Excludes rice used in alcoholic beverages. Includes imports and rice used in processed foods and pet foods. [5] Includes an allowance for the quantity used as hominy and grits. This series is not adjusted for trade. [6] Oats used in oatmeal, prepared breakfast foods, infant foods, and food products. [7] Malt for food, breakfast food uses, pearl barley, and flour. [8] Malt equivalent of barley food products. [9] Preliminary. Estimates of corn syrup and sugar are unofficial estimates; industry data were not reported after April 1968.

ERS, Market & Trade Economics Division, (202) 694-5308. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

Table 1-61.—Barley: Support operations, United States, 1989–98

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*
1989/90	0.00	1.34	2.43	24.0	5.9	16.1	19.3
1990/91	0.50	1.28	2.36	33.8	8.0	0.4	8.4
1991/92	0.62	1.32	2.36	38.0	8.2	([6])	6.5
1992/93	0.56	1.40	2.36	42.9	9.4	0.0	5.4
1993/94	0.67	1.40	2.36	37.7	9.5	0.0	5.2
1994/95	0.52	1.54	2.36	28.2	7.5	0.0	5.0
1995/96	0.00	1.54	2.36	18.0	5.0	0.0	4.2
1996/97	0.332	1.55	NA	28.7	7.2	0.0	0.0
1997/98	0.277	1.57	NA	32.9	8.8	0.0	0.0
1998/99	0.277	1.56	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, 1989–98

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*
1989	12,642	11,103	55.4	615,420	2.10	1,287,739	541	10.4	5,647
1990	10,535	9,089	63.1	573,303	2.12	1,220,501	527	10.2	5,377
1991	11,064	9,870	59.3	584,860	2.25	1,338,580	483	10.0	4,846
1992	13,177	12,050	72.6	875,022	1.89	1,667,194	453	12.1	5,468
1993	9,882	8,916	59.9	534,172	2.31	1,234,500	351	11.2	3,914
1994	9,787	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	69.1	633,545	2.21	1,408,909	412	13.1	5,385
1998 [4]	9,626	7,723	67.3	519,933	1.75	952,514	305	11.4	3,487

[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, 1990–99

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
1990	.....	88,050	44,500	30,300	.....	425,549	290,484	189,459
1991	140,000	73,780	43,750	22,150	372,340	259,099	178,250	120,435
1992	110,200	54,960	34,140	18,840	340,262	196,286	76,247	34,352
1993	209,650	111,320	58,465	35,420	394,667	323,088	206,348	139,594
1994	105,950	59,770	32,075	16,155	340,198	216,462	96,035	31,416
1995	126,650	74,620	44,570	17,842	295,809	206,312	114,212	53,772
1996	79,090	33,000	13,955	5,500	222,149	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	89,700	NA	NA	NA	237,831	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, 1988–97

Year beginning September 1	Supply			Disappearance					Ending stocks Aug. 31		
				Domestic use							
	Beginning stocks	Production	Total [1]	Feed and residual	Food, alcohol, and seed	Total	Exports	Total disappearance	Privately held [2]	Government	Total
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*
1988	663	577	1,239	471	18	488	311	800	99	341	440
1989	440	615	1,055	512	20	532	303	835	57	163	220
1990	220	573	793	401	17	418	232	651	78	65	143
1991	143	585	727	366	17	383	292	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 [3]	47	634	681	365	55	420	212	632	49	0	49

[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, 1996–98

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	13	10	9	10	6	6	55.0	50.0	45.0	550	300	270
AR	230	160	140	220	150	130	74.0	74.0	53.0	16,280	11,100	6,890
CO	290	190	200	260	150	185	51.0	40.0	57.0	13,260	6,000	10,545
GA	65	65	50	40	40	30	41.0	45.0	38.0	1,640	1,800	1,140
IL	155	120	110	150	115	107	84.0	91.0	74.0	12,600	10,465	7,918
KS	4,800	3,650	3,500	4,600	3,400	3,300	77.0	78.0	80.0	354,200	265,200	264,000
KY	26	11	10	23	9	8	92.0	65.0	80.0	2,116	585	640
LA	155	90	130	153	88	125	76.0	75.0	60.0	11,628	6,600	7,500
MS	75	35	40	72	33	36	70.0	75.0	65.0	5,040	2,475	2,340
MO	580	420	330	560	400	320	91.0	92.0	83.0	50,960	36,800	26,560
NE	1,250	900	700	1,030	750	600	95.0	81.0	94.0	97,850	60,750	56,400
NM	255	245	200	225	227	65	33.0	44.0	45.0	7,425	9,988	2,925
NC	19	20	21	10	11	12	57.0	50.0	45.0	570	550	540
OK	520	490	410	490	450	340	59.0	50.0	45.0	28,910	22,500	15,300
SC	10	6	6	5	4	3	50.0	43.0	35.0	250	172	105
SD	230	270	200	145	160	140	55.0	71.0	71.0	7,975	11,360	9,940
TN	24	20	20	18	15	16	90.0	70.0	70.0	1,620	1,050	1,120
TX	4,400	3,350	3,550	3,800	3,150	2,300	48.0	59.0	46.0	182,400	185,850	105,800
US	13,097	10,052	9,626	11,811	9,158	7,723	67.3	69.2	67.3	795,274	633,545	519,933

NASS, Crops Branch, (202) 720–2127.

Table 1-66.—Sorghum: Utilization for silage, by States, 1996–98

State	Silage								
	Area harvested			Yield per acre			Production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	10.0	20	20	20
AR	5	5	6	9.0	10.0	8.0	45	50	48
CO	12	18	11	13.0	13.0	13.0	156	234	143
GA	20	15	15	10.0	10.0	9.0	200	150	135
IL	1	3	1	11.0	12.0	12.0	11	36	12
KS	120	130	80	14.0	15.0	15.0	1,680	1,950	1,200
KY	1	1	1	14.0	13.0	14.0	14	13	14
LA	.....	1	2	.....	10.0	10.0	.....	10	20
MS	2	2	3	8.0	8.0	8.0	16	16	24
MO	10	9	5	8.0	11.0	10.0	80	99	50
NE	60	40	30	13.5	10.5	11.0	810	420	330
NM	11	15	12	12.0	17.0	19.0	132	255	228
NC	4	4	4	8.0	10.0	9.0	32	40	36
OK	16	22	18	15.0	12.0	7.0	240	264	126
SC	4	2	3	10.0	15.0	7.0	40	30	21
SD	60	60	30	7.5	10.5	11.0	450	630	330
TN	5	3	2	12.0	16.0	15.0	60	48	30
TX	90	80	80	11.0	14.0	9.0	990	1,120	720
US	423	412	305	11.8	13.1	11.4	4,976	5,385	3,487

NASS, Crops Branch, (202) 720–2127.

Table 1-67.—Sorghum grain: Marketing year average price and value, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998	1996	1997	1998
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	2.74	2.21	1.85	1,507	663	500
AR	2.95	2.57	1.90	48,026	28,527	13,091
CO	2.27	2.19	1.75	30,100	13,140	18,454
GA	2.58	2.63	2.00	4,231	4,734	2,280
IL	2.30	2.38	1.95	28,980	24,907	15,440
KS	2.28	2.13	1.70	807,576	564,876	448,800
KY	2.53	2.54	1.95	5,353	1,486	1,248
LA	2.91	2.46	2.10	33,837	16,236	15,750
MS	2.97	2.49	2.00	14,969	6,163	4,680
MO	2.37	2.20	1.70	120,775	80,960	45,152
NE	2.34	2.15	1.75	228,969	130,613	98,700
NM	2.58	2.49	2.15	19,157	24,870	6,289
NC	2.97	2.58	2.00	1,693	1,419	1,080
OK	2.39	2.21	1.90	69,095	49,725	29,070
SC	3.00	2.30	1.85	750	396	194
SD	2.03	1.99	1.70	16,189	22,606	16,898
TN	2.63	2.57	1.90	4,261	2,699	2,128
TX	3.02	2.34	2.20	550,848	434,889	232,760
US	2.34	2.21	1.75	1,986,316	1,408,909	952,514

NASS, Crops Branch, (202) 720–2127.

Table 1-68.—Sorghum grain: Support operations, United States, 1989–98

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.*
1989/90	1.18	2.80	4.82	11.7	3.4	10.1	91.0
1990/91	1.00	2.66	4.66	12.1	3.8	5.0	36.2
1991/92	0.66	2.75	4.66	9.5	2.9	5.4	4.6
1992/93	1.29	2.91	4.66	27.2	5.6	0.0	2.2
1993/94	0.45	2.91	4.66	8.2	2.7	0.0	1.4
1994/95	1.05	3.21	4.66	25.2	6.9	0.0	0.4
1995/96	0.00	3.21	4.66	4.0	1.6	0.0	0.0
1996/97	0.577	3.23	NA	11.4	2.5	0.0	0.0
1997/98	0.971	3.14	NA	9.8	2.7	0.1	0.1
1998/99	0.796	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.—Feedgrains: 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	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

[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 1-70.—Commercial feeds: Disappearance for feed, United States, 1988–97

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*
1988	19,496	2,547	102	162	329	22,636	2,567	292	446	3,305
1989	22,291	2,265	139	124	299	25,118	2,557	357	461	3,375
1990	22,934	2,662	124	113	337	26,170	2,527	275	458	3,260
1991	23,008	3,115	127	172	496	26,918	2,541	257	470	3,268
1992	24,251	2,571	137	178	442	27,579	2,372	528	464	3,364
1993	25,283	2,638	113	113	321	28,468	2,446	719	470	3,636
1994	26,542	3,268	105	193	623	30,731	2,551	334	463	3,349
1995	26,611	2,961	115	181	478	30,346	2,536	290	420	3,246
1996	27,320	2,962	109	141	462	31,145	2,783	308	428	3,519
1997[3]	28,888	2,963	119	95	531	32,589	2,501	488	413	3,402

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*
1988	6,302	1,421	678	403	8,803	34,744
1989	6,191	199	613	331	7,333	35,827
1990	6,600	18	612	367	7,597	37,027
1991	6,846	602	584	292	8,324	38,510
1992	6,965	595	604	309	8,473	39,416
1993	7,436	912	648	134	9,130	41,233
1994	7,265	139	658	209	8,272	42,352
1995	7,276	881	602	255	9,014	42,605
1996	7,052	1,833	559	248	9,693	44,357
1997[3]	7,248	1,914	610	421	10,193	46,185

[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 1-71.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1988–97

Year beginning October	Quantity for feeding [1]						High-protein animal units	Quantity per animal unit	High protein feed prices
	Oilseed meal			Animal protein	Grain protein [3]	Total			
	Soybean meal	Other oilseed meals [2]	Total						
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Million units*	*Pounds*	*Index numbers 1992=100*
1988	21,446	2,912	24,358	3,595	846	28,799	114.7	502	125
1989	24,520	2,613	27,133	3,669	118	30,920	117.2	528	94
1990	25,227	2,993	28,221	3,529	11	31,760	120.7	526	90
1991	25,309	3,619	28,928	3,527	359	32,813	123.5	531	95
1992	26,676	3,078	29,754	3,661	354	33,770	126.1	535	97
1993	27,811	2,948	30,759	3,991	543	35,293	128.4	550	96
1994	29,196	3,879	33,075	3,634	83	36,792	130.8	563	81
1995	29,272	3,459	32,731	3,547	524	36,802	132.1	557	114
1996	30,052	3,541	33,593	3,870	1,092	38,554	133.2	579	136
1997	31,777	3,417	35,194	3,751	1,140	40,084	136.1	589	99

[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 1-72.—Feed concentrates: Fed to livestock and poultry, 1988–97

Year beginning October	Feed grains				Wheat [1]	Rye [2]	By-product feeds [3]	Total concentrates	Grain consuming animal units	Concentrates fed per grain-consuming animal unit
	Corn [1]	Sorghum [1]	Oats [1] and barley [1]	Total						
	Million tons	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Millions*	*Tons*
1988	110.2	13.2	8.4	131.8	4.0	0.3	40.6	176.6	76.8	2.30
1989	122.7	14.3	9.8	146.9	8.2	0.2	42.4	197.7	77.4	2.56
1990	129.1	11.2	9.7	150.1	13.3	0.2	43.9	207.4	80.1	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	82.7	2.65
1993	131.1	12.3	10.2	153.7	10.6	0.2	48.3	212.7	84.0	2.53
1994	154.6	10.7	8.5	173.8	8.2	0.2	50.0	232.2	84.3	2.75
1995	131.1	8.3	7.3	146.7	7.0	0.2	49.3	203.2	84.9	2.39
1996	150.1	14.7	6.9	171.7	9.8	0.1	52.1	233.7	85.4	2.74
1997	158.6	10.8	6.8	176.2	10.0	0.2	54.1	240.5	87.8	2.74

[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 1-73.—Feed: Consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1988–97

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*
1988	12,126	85	6,397	8,516	5,269	5,719	1,254	1,260	1,667
1989	12,684	87	6,491	9,332	5,298	5,873	1,304	1,271	1,603
1990	12,758	86	6,503	9,441	5,302	5,941	1,316	1,272	1,636
1991	12,701	82	6,494	9,358	5,299	5,878	1,305	1,271	1,553
1992	12,879	82	6,524	9,618	5,308	5,954	1,330	1,274	1,568
1993	12,676	79	6,489	9,322	5,298	5,898	1,326	1,271	1,611
1994	13,096	80	6,560	9,936	5,320	5,963	1,327	1,278	1,626
1995	12,417	76	6,446	8,943	5,284	5,812	1,286	1,266	1,616
1996	13,039	78	6,550	9,853	5,317	5,997	1,343	1,277	1,629
1997 [4]	12,998	76	6,544	9,793	5,315	6,021	1,329	1,277	1,507

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*
1988	111	43	26	598	9.7	235	83	420	562	3,680
1989	122	49	29	787	10.8	260	91	462	590	3,789
1990	124	50	29	794	10.9	258	92	433	624	3,803
1991	123	49	29	793	10.8	252	91	431	617	3,792
1992	126	51	30	822	11.1	256	94	426	603	3,827
1993	122	49	29	793	10.8	244	91	405	597	3,787
1994	131	52	31	820	11.6	258	97	432	626	3,869
1995	117	46	28	814	10.3	226	87	385	546	3,737
1996	130	51	31	954	11.5	242	96	401	615	3,858
1997 [4]	129	51	31	979	11.4	239	96	383	640	3,850

[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 1-74.—Feed: Consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1988–97

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*
1988	186	72	181	482	1993	226	77	183	486
1989	208	74	177	440	1994	244	80	184	486
1990	219	79	171	459	1995	218	79	185	509
1991	218	79	175	468	1996	244	79	179	483
1992	231	83	173	472	1997 [1]	250	81	172	503

[1] Preliminary.

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

Table 1-75.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1988–97 [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*
1988	76,806	74,468	74,970	1993	83,990	76,351	78,812
1989	77,350	73,699	74,692	1994	84,334	77,874	79,876
1990	80,075	73,490	75,605	1995	84,944	77,922	80,123
1991	80,685	74,665	76,538	1996	85,270	76,050	79,111
1992	82,731	75,252	77,663	1997 [5]	87,832	74,450	79,118

[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 1-76.—Feed grains: Average price, selected markets and grades, 1993–98 [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

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

[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 1-77.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1993–97

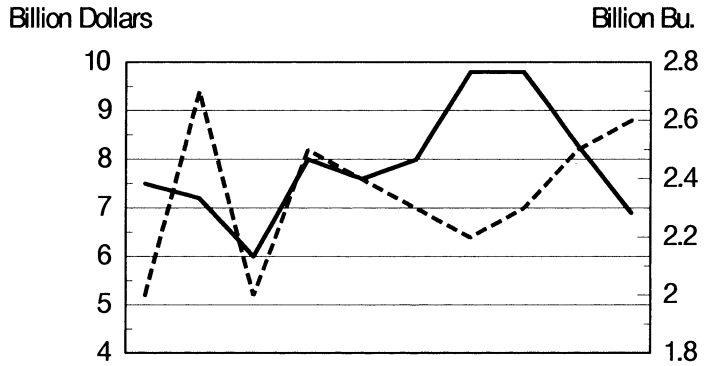
Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Meat meal	Fish meal	Wheat bran	Wheat middlings
	44% protein	49–50% protein	41% protein	41% protein	34% protein	50% protein	60% protein	Kansas City	Min-neapolis
	Decatur	Decatur	Kansas City	Memphis	Min-neapolis	Kansas City	Gulf Coast		
	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

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

[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.

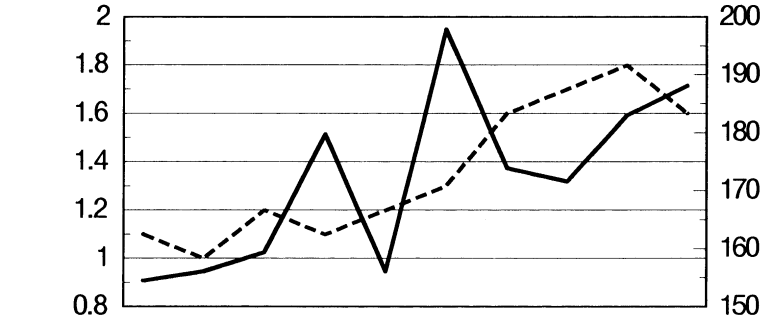
All Wheat: Production & Value of Production 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Production ---	2.0	2.7	2.0	2.5	2.4	2.3	2.2	2.3	2.5	2.6
Value of Prod. —	7.5	7.2	6.0	8.0	7.6	8.0	9.8	9.8	8.3	6.9

NASS Table 1-2

Rice, Rough: Production & Value of Production 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Production —	154.5	156.1	159.4	179.7	156.1	197.8	173.9	171.6	183.0	188.1
Value of Prod. --	1.1	1.0	1.2	1.1	1.2	1.3	1.6	1.7	1.8	1.6

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, 1989–98

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*
1989	10,586.6	9,537.7	614	12,195.6	66.2	3,877,888
1990	12,348.1	11,731.6	634	15,505.4	68.2	5,075,826
1991	14,052.1	12,959.5	652	17,614.3	58.1	4,913,244
1992	13,240.0	11,123.3	700	16,218.5	54.9	4,273,935
1993	13,438.3	12,783.3	606	16,133.6	58.4	4,520,908
1994	13,720.1	13,322.3	708	19,662.0	72.0	6,796,654
1995	16,931.4	16,006.7	537	17,899.8	76.5	6,574,612
1996	14,652.5	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 [2]	13,417.9	10,722.5	618	13,796.2	65.3	4,321,585

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

NASS, Crops Branch, (202) 720–2127.

Table 2-2.—Cotton: Area, yield, and production, by States, 1996–98

State	Area planted			Area harvested			Yield per harvested acre			Production [1]		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	520.0	535.0	495.0	516.0	442.0	475.0	734	597	576	789.0	550.0	570.0
AZ	315.0	325.0	250.0	314.0	324.0	248.0	1,189	1,255	1,123	778.0	847.0	580.0
AR	1,000.0	980.0	920.0	990.0	965.0	900.0	793	837	651	1,636.0	1,683.0	1,220.0
CA	1,000.0	880.0	650.0	995.0	875.0	620.0	1,153	1,202	890	2,390.0	2,191.0	1,150.0
FL	99.0	100.0	89.0	98.2	99.0	80.0	637	577	408	130.4	119.1	68.0
GA	1,340.0	1,440.0	1,400.0	1,336.0	1,425.0	1,320.0	747	646	564	2,079.0	1,919.0	1,550.0
KS	4.5	12.0	17.0	4.0	10.0	16.0	492	418	402	4.1	8.7	13.4
LA	890.0	655.0	535.0	885.0	650.0	525.0	697	728	590	1,286.0	986.0	645.0
MS	1,120.0	985.0	950.0	1,100.0	970.0	940.0	819	901	740	1,876.0	1,821.0	1,450.0
MO	390.0	395.0	370.0	385.0	390.0	357.0	737	695	471	591.0	565.0	350.0
NM	59.0	70.0	60.0	55.0	66.0	58.0	733	676	745	84.0	93.0	90.0
NC	740.0	690.0	710.0	730.0	685.0	705.0	659	652	684	1,002.0	930.0	1,005.0
OK	290.0	200.0	160.0	210.0	190.0	120.0	306	462	560	134.0	183.0	140.0
SC	284.0	290.0	290.0	282.0	286.0	286.0	774	688	587	455.0	410.0	350.0
TN	540.0	490.0	450.0	530.0	480.0	445.0	611	662	588	675.0	662.0	545.0
TX	5,700.0	5,500.0	5,650.0	4,100.0	5,200.0	3,300.0	509	474	509	4,345.0	5,140.0	3,500.0
VA	103.0	101.0	92.0	102.0	100.0	91.0	748	659	737	159.0	137.2	139.8
US	14,394.5	13,648.0	13,088.0	12,632.2	13,157.0	10,486.0	700	666	612	18,413.5	18,245.0	13,366.2
American-Pima:												
AZ	42.0	22.0	15.9	41.9	22.0	15.5	852	912	743	74.4	41.8	24.0
CA	165.0	185.0	200.0	164.0	184.0	180.0	1,098	1,141	920	375.0	437.2	345.0
NM	14.0	11.0	9.0	14.0	11.0	9.0	651	641	587	19.0	14.7	11.0
TX	37.0	32.0	105.0	36.0	32.0	32.0	801	815	750	60.1	54.3	50.0
US	258.0	250.0	329.9	255.9	249.0	236.5	991	1,056	873	528.5	548.0	430.0
US, all	14,652.5	13,898.0	13,417.9	12,888.1	13,406.0	10,722.5	705	673	618	18,942.0	18,793.0	13,796.2

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

NASS, Crops Branch, (202) 720–2127.

Table 2-3.—Cotton: Production, Marketing Year average price per pound, and value, by States, 1996–98

State	Production			Price for crop of—			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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	789.0	550.0	570.0	0.709	0.673	0.629	268,512	177,672	172,094
AZ	778.0	847.0	580.0	0.697	0.647	0.652	260,288	263,044	181,517
AR	1,636.0	1,683.0	1,220.0	0.707	0.657	0.652	555,193	530,751	381,811
CA	2,390.0	2,191.0	1,150.0	0.765	0.732	0.744	877,608	769,830	410,688
FL	130.4	119.1	68.0	0.686	0.654	0.542	42,938	37,388	17,691
GA	2,079.0	1,919.0	1,550.0	0.705	0.677	0.674	703,534	623,598	501,456
KS	4.1	8.7	13.4	0.598	0.579	0.615	1,177	2,418	3,956
LA	1,286.0	986.0	645.0	0.655	0.649	0.593	404,318	307,159	183,593
MS	1,876.0	1,821.0	1,450.0	0.680	0.649	0.634	612,326	567,278	441,264
MO	591.0	565.0	350.0	0.685	0.687	0.706	194,321	186,314	118,608
NM	84.0	93.0	90.0	0.743	0.577	0.696	29,958	25,757	30,067
NC	1,002.0	930.0	1,005.0	0.719	0.659	0.687	345,810	294,178	331,409
OK	134.0	183.0	140.0	0.617	0.579	0.615	39,685	50,859	41,328
SC	455.0	410.0	350.0	0.738	0.701	0.681	161,179	137,957	114,408
TN	675.0	662.0	545.0	0.671	0.653	0.636	217,404	207,497	166,378
TX	4,345.0	5,140.0	3,500.0	0.656	0.601	0.581	1,368,154	1,482,787	976,080
VA	159.0	137.2	139.8	0.710	0.675	0.685	54,187	44,453	45,966
US	18,413.5	18,245.0	13,366.2	0.693	0.652	0.642	6,136,592	5,708,940	4,118,314
American-Pima:									
AZ	74.4	41.8	24.0	1.060	0.982	0.979	37,855	19,703	11,278
CA	375.0	437.2	345.0	1.070	1.020	1.000	192,600	214,053	165,600
NM	19.0	14.7	11.0	1.090	1.030	0.926	9,941	7,268	4,889
TX	60.1	54.3	50.0	1.080	0.983	0.896	31,156	25,621	21,504
US	528.5	548.0	430.0	1.070	1.014	0.985	271,552	266,645	203,271
US, all	18,942.0	18,793.0	13,796.2	0.705	0.662	0.653	6,408,144	5,975,585	4,321,585

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

NASS, Crops Branch, (202) 720–2127.

Table 2-4.—Cotton, American upland: Support operations, United States, 1989–98

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]
1989/90	13.100	50.00	73.40	3,732	32.4	2	27
1990/91	([7]) 6.78	50.27	72.90	3,205	21.2	1	([8])
1991/92	10.100	50.77	72.90	6,312	36.7	8	1
1992/93	20.300	52.35	72.90	8,302	52.9	10	8
1993/94	18.600	52.35	72.90	7,721	49.0	3	14
1994/95	4.600	50.00	72.90	4,716	24.4	([8])	([8])
1995/96	0.000	51.92	72.90	3,478	19.8	0	0
1996/97	8.882	51.92	NA	3,340	18.1	0	0
1997/98	7.625	51.92	NA	4,281	23.5	0	0
1998/99	12.237	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, 1995–98 [1]

Continent and country	Area			Yield per hectare			Bales		
	1995/96	1996/97	1997/98 [2]	1995/96	1996/97	1997/98 [2]	1995/96	1996/97	1997/98 [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	6,478	5,208	5,370	602	792	762	17,900	18,942	18,793
El Salvador	1	1	1	218	218	218	1	1	1
Guatemala	4	3	2	1,089	581	545	20	8	5
Honduras	3	2	2	726	436	436	10	4	4
Mexico	318	246	200	667	954	1,045	974	1,078	960
Nicaragua	10	4	4	653	653	544	30	12	10
Other incl. Caribbean	21	21	22	301	301	238	29	29	24
Total	6,835	5,485	5,601	604	797	770	18,964	20,074	19,797
South America:									
Argentina	960	880	800	437	369	367	1,929	1,493	1,350
Bolivia	40	40	50	599	544	435	110	100	100
Brazil	1,130	695	850	345	403	448	1,791	1,286	1,750
Colombia	112	86	54	634	623	665	326	246	165
Ecuador	20	20	20	435	435	218	40	40	20
Paraguay	310	105	200	355	429	381	505	207	350
Peru	109	109	85	579	623	384	290	312	150
Venezuela	50	34	32	435	397	388	100	62	57
Total	2,731	1,969	2,091	406	414	410	5,091	3,746	3,942
Europe:									
Greece	440	420	388	1,023	781	875	2,067	1,506	1,560
Italy	1	1	1	218	218	218	1	1	1
Spain	31	76	108	1,075	1,169	1,079	153	408	535
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	489	514	514	1,003	825	901	2,253	1,947	2,128
Former USSR	2,573	2,502	2,462	699	572	638	8,260	6,573	7,210
Africa:									
Angola	10	10	10	436	436	436	20	20	20
Cameroon	159	191	170	500	466	448	365	409	350
Central African Rep	60	58	65	200	312	301	55	83	90
Chad	208	285	400	298	293	272	285	384	500
Zaire	30	30	30	109	109	109	15	15	15
Kenya	60	55	55	73	99	119	20	25	30
Malawi	50	50	50	131	131	131	30	30	30
Morocco	1	1	1	218	218	218	1	1	1
Mozambique	100	150	185	163	145	153	75	100	130
Nigeria	220	210	200	454	452	351	459	436	322
Zimbabwe	264	313	270	394	292	343	478	420	425
South Africa, Rep. of	115	116	120	345	310	363	182	165	200
Sudan	220	280	265	485	358	329	490	460	400
Tanzania, United Rep. of	364	280	280	200	214	202	335	275	260
Uganda	150	100	50	65	174	218	45	80	50
Egypt	306	387	374	774	882	902	1,088	1,568	1,550
Other Africa	1,430	1,664	1,884	416	402	438	2,731	3,074	3,792
Total	3,747	4,180	4,409	388	393	403	6,674	7,545	8,165
Asia, Mid-East, and Oceania:									
Afghanistan	60	60	60	363	363	363	100	100	100
Australia	301	396	438	1,425	1,535	1,523	1,970	2,792	3,063
Burma	180	180	180	157	157	157	130	130	130
China, Peoples Rep. of	5,422	4,722	4,500	879	890	1,021	21,900	19,300	21,100
India	9,063	9,166	8,850	317	328	295	13,200	13,806	12,000
Iran	290	300	240	601	599	544	800	825	600
Iraq	65	65	20	218	218	435	65	65	40
Israel	30	30	30	1,452	1,814	1,742	200	250	240
Korea, Republic of	1	1	1	218	218	218	1	1	1
Pakistan	3,048	3,148	2,959	586	506	515	8,200	7,323	7,000
Yemen	40	40	40	354	354	354	65	65	65
Syria	195	220	251	1,128	1,150	1,431	1,010	1,162	1,650
Thailand	26	14	14	385	435	435	46	28	28
Turkey	757	743	710	1,125	1,055	1,165	3,911	3,600	3,800
Other Asia	80	81	81	373	272	290	137	101	108
Total	19,558	19,166	18,374	576	563	592	51,735	49,548	49,925
World total	35,933	33,816	33,451	563	576	593	92,977	89,433	91,167

[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, 1988–97

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*
1988	5,684	14,939	20,628	7,376	68	7,444	5,987	6,985
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 [4]	3,985	18,445	22,444	10,793	109	10,902	7,279	4,079

[1] Ginnings during the 12 months, Aug. 1–July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. [2] May include small volume of foreign growths. [3] Not reported separately. [4] Preliminary.

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

Table 2-7.—Cotton, American Upland: Percentage distribution of fiber strength, United States, 1994–97

Fiber strength [1]	Year			
	1994	1995	1996	1997
17 and below	(*)	(*)	(*)	(*)
18	(*)	(*)	(*)	(*)
19	(*)	(*)	(*)	(*)
20	(*)	(*)	(*)	(*)
21	0.1	0.1	(*)	(*)
22	0.2	0.2	0.2	(*)
23	0.6	0.5	0.6	0.1
24	2.3	1.4	2.1	0.7
25	6.5	3.4	6.1	2.7
26	12.4	7.3	12.1	6.9
27	15.6	12.5	18.0	13.1
28	15.4	16.1	18.9	19.3
29	14.3	16.2	14.6	20.0
30	11.9	14.6	9.4	15.6
31	9.1	12.4	5.7	10.6
32	6.7	9.1	4.5	6.3
33	3.4	4.6	3.9	3.0
34	1.2	1.3	2.4	1.0
35	0.3	0.4	1.0	0.3
36 and above	0.1	0.1	0.4	0.1
Average	28.5	29.1	28.4	28.9

[1] Fiber strength expressed in terms of 1/8″ gage (grams per tex). *Less than 0.05 percent.

AMS, Cotton Division, (901) 384–3016.

Table 2-8.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1990–97

State	Crop of—							
	1990	1991	1992	1993	1994	1995	1996	1997
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
AL	37	21	9	13	79	42	23	19
AZ	14	22	10	3	5	42	20	11
AR	39	42	27	27	42	69	49	53
CA	83	65	65	51	92	76	28	41
FL	.....	.....	.....	.....	.....	.....	.....	12
GA	41	56	11	16	60	56	34	29
LA	34	8	4	3	11	33	17	26
MS	31	16	6	5	38	25	11	18
MO	64	66	45	24	78	89	59	71
NM	26	20	12	24	23	11	17	7
NC	45	61	27	12	70	57	74	37
OK	16	7	1	(*)	(*)	(5)	(1)	(1)
SC	52	60	31	23	55	69	43	49
TN	14	9	6	2	14	25	9	14
TX	27	15	1	5	28	47	18	13
US	35	25	14	12	40	48	28	24

[1] Less than 0.5 percent.

AMS, Cotton Division, (901) 384–3016.

Table 2-9.—Cotton, American upland: Carryover and crop, running bales, by grade groupings, United States, 1988–97

Year beginning August 1	White [1]					Light Spotted				Other Colored [2]	All grades [3]
	21 and higher	31	41	51	61 and 71	22 and higher	32	42	52 and lower		
	1,000 bales	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*
Carryover:											
1987	165	920	1,846	698	68	26	441	693	293	451	5,603
1988	500	1,918	2,168	483	82	40	394	702	341	291	6,920
1989	119	734	1,113	299	41	13	128	263	105	103	2,918
1990	208	813	1,021	303	26	3	131	344	135	99	3,082
1991	280	850	878	338	100	7	67	237	252	429	3,437
1992	413	1,307	1,161	300	28	33	181	350	147	176	4,095
1993	602	1,089	1,012	109	3	40	221	299	78	54	3,509
1994	227	634	713	148	6	53	175	403	151	41	2,552
1995	498	764	562	56	1	81	240	303	51	52	2,609
1996	689	1,463	750	43	1	57	423	273	33	57	3,789
Crop:											
1988	1,105	5,146	4,786	815	67	59	711	1,164	411	199	14,462
1989	420	3,529	3,701	682	57	69	638	805	227	830	10,958
1990	529	4,309	4,851	1,245	125	13	670	1,624	675	437	14,478
1991	1,716	5,394	4,084	1,471	371	24	390	712	1,046	1,239	16,445
1992	1,673	5,943	3,713	796	81	132	630	933	490	572	14,964
	New Classification System Beginning With 1993 Crop										
	White Color Grades					Light Spotted Color Grades					
1993	4,458	4,160	2,930	256	7	521	1,102	1,223	182	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

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

AMS, Cotton Division, (901) 384–3016.

Table 2-10.—Cotton, American upland: Carryover and crop, running bales, by staple groupings, United States, 1988–97

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:											
1988	(2)	1	10	54	154	376	754	1,217	1,798	1,238	5,603
1989	2	9	37	208	550	758	693	1,047	1,863	1,754	6,920
1990	(2)	10	15	61	153	209	184	423	910	954	2,918
1991	(2)	5	4	65	84	204	261	573	1,055	831	3,082
1992	(2)	19	11	56	91	191	229	603	810	1,425	3,437
1993	(2)	(2)	1	10	35	146	285	913	1,284	1,419	4,095
1994	(2)	(2)	4	15	37	197	285	724	952	1,295	3,509
1995	(2)	1	3	14	20	83	135	463	718	1,115	2,552
1996	8	6	3	12	36	143	197	508	771	926	2,609
1997	(2)	(2)	(2)	2	6	30	235	947	1,471	1,099	3,789
Crop:											
1988	2	16	78	303	929	1,394	1,438	1,567	3,579	5,148	14,462
1989	1	14	70	236	507	653	716	1,203	3,402	4,155	10,958
1990	(2)	6	48	232	746	1,370	1,620	1,978	4,064	4,414	14,478
1991	(2)	7	53	209	539	863	1,287	1,770	3,267	8,449	16,445
1992	(2)	1	8	45	159	405	1,038	2,437	4,428	6,443	14,964
1993	(2)	1	7	45	201	666	1,470	2,509	3,718	6,392	15,010
1994	(2)	2	16	72	250	604	1,271	2,919	5,009	8,366	18,510
1995	(2)	1	7	36	155	489	1,389	3,422	5,208	6,044	16,751
1996	(2)	(2)	2	13	72	277	1,035	3,226	5,668	7,376	17,669
1997	.....	(2)	4	27	144	553	1,704	3,306	4,207	7,631	17,576

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

AMS, Cotton Division, (901) 384–3016.

Table 2-11.—Cotton, American Pima: Carryover and crop, running bales, by grade and staple, United States, 1995–97

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:										
1995	21.6	27.6	4.7	2.2	.....	0.5	9.7	44.0	2.0	56.1
1996	32.2	27.9	10.5	8.7	1.3	0.1	17.3	57.5	5.8	80.7
1997	36.7	8.2	1.6	0.6	0.1	0.2	7.9	29.3	9.7	47.2
Crop:										
1995	191.1	87.8	16.4	4.2	1.6	1.2	81.8	189.2	29.0	301.1
1996	295.3	89.9	23.2	10.5	6.1	0.2	84.9	296.8	43.1	425.0
1997	371.8	65.9	8.5	2.8	1.0	0.2	74.4	331.2	44.1	449.9

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

AMS, Cotton Division, (901) 384–3016.

Table 2-12.—Cotton, upland: Average staple length of upland cotton classed, by States, 1992–97

State	Average staple length (32ds of an inch) [1]					
	1992	1993	1994	1995	1996	1997
AL	35.3	35.1	35.3	34.9	35.3	35.3
AZ	35.5	35.9	36.1	35.6	35.9	35.3
AR	35.9	35.6	35.6	35.2	35.4	36.3
CA	35.5	36.2	36.5	36.6	36.5	36.3
FL	(2)	(2)	35.2	35.2	35.3	35.1
GA	35.4	34.8	35.2	34.9	35.2	34.6
LA	35.3	35.4	35.4	34.9	35.0	35.5
MS	35.2	35.4	35.2	35.2	34.9	36.1
MO	36.4	35.9	35.6	35.2	35.4	36.2
NM	36.7	36.9	36.9	36.7	37.3	36.7
NC	35.9	35.6	36.0	35.2	35.6	34.7
OK	34.0	33.8	33.8	33.4	34.7	34.8
SC	35.7	35.4	36.1	35.8	35.7	35.0
TN	35.5	35.4	35.1	35.1	35.3	36.1
TX	33.8	33.8	33.9	33.9	34.3	33.9
VA	(2)	(2)	36.5	(2)	35.7	35.1
Other States	35.4	35.3	(2)	35.2	(2)	(2)
US	35.1	35.0	35.2	35.0	35.2	35.1

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

AMS, Cotton Division, (901) 384–3016.

Table 2-13.—Cotton: United States exports, by country of destination, 1995/96–1997/98

Country of destination	Year beginning August		
	1995–96	1996–97	1997–98
	1,000 bales [1]	*1,000 bales* [1]	*1,000 bales* [1]
Mexico	618	733	16057
China	1,847	1,756	745
Korea, Rep. of	769	568	740
Japan	940	630	682
Turkey	62	411	612
Indonesia	794	594	485
Taiwan	255	255	384
Canada	294	253	311
Thailand	331	197	226
Brazil	170	190	215
Bangledesh	88	136	178
Hong Kong	223	129	151
El Salvador	75	88	132
Guatemala	107	115	132
Colombia	53	77	118
Peru	12	20	105
Italy	115	46	86
Subtotal	6,753	6,198	6,887

Country of destination	Year beginning August		
	1995–96	1996–97	1997–98
	1,000 bales [1]	*1,000 bales* [1]	*1,000 bales* [1]
Ireland	5	5	79
Ecuador	46	60	71
Pakistan	17	52	68
Venezuela	76	98	60
Philippines	144	84	55
Belgium	32	29	34
Spain	59	25	33
India	9	8	31
Germany	40	23	31
Malaysia	28	18	33
Sweden	17	19	26
Ukraine	0	0	26
Vietnam	27	23	16
United Kingdom	85	66	13
Tunisia	11	9	12
Switzerland	16	18	10
Denmark	12	10	8
Other Countries	298	120	111
Total	7,675	6,865	7,604

[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, 1992/93–1997/98 [1]

Country	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
	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	5,201	6,862	9,402	7,675	6,865	7,500
Uzbekistan	5,500	5,800	5,006	4,524	4,550	4,400
Australia	1,695	1,682	1,345	1,466	2,384	2,710
Syria	734	821	568	567	670	1,050
Argentina	299	317	905	1,222	1,332	900
Greece	551	781	1,100	1,450	1,200	880
Mali	525	400	550	700	825	800
Benin	290	480	450	600	680	645
Cote d'Ivoire	316	369	575	365	371	550
Burkina	300	200	275	271	360	550
Turkmenistan	1,850	1,700	1,470	919	525	500
Chad	190	150	265	260	360	465
Tajikistan	600	625	666	450	400	400
Pakistan	1,175	318	148	1,433	119	350
Egypt	85	525	307	87	211	322
Sudan	200	200	350	425	360	300
Cameroon	200	200	270	340	360	290
Subtotal	19,711	21,430	23,652	22,754	21,572	22,612
Others	5,894	5,277	4,443	4,796	5,179	3,698
World total	25,605	26,707	28,095	27,550	26,751	26,310

Country	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Principal importing countries:						
Russia	2,650	3,000	2,159	1,100	1,000	1,225
Japan	2,228	1,993	1,750	1,516	1,341	1,318
Indonesia	1,989	2,039	2,075	2,139	2,147	2,019
S. Korea	1,711	1,689	1,747	1,661	1,504	1,835
China	242	808	4,060	3,045	3,613	1,834
Thailand	1,522	1,613	1,440	1,545	1,414	1,236
Taiwan	1,264	1,236	1,114	1,380	1,350	1,200
Italy	1,391	1,594	1,590	1,598	1,560	1,600
Hong Kong	803	869	888	771	635	630
Germany	770	875	678	687	690	740
Ukraine	350	200	300	325	250	225
Brazil	1,823	1,869	1,612	1,768	2,429	1,850
Portugal	725	744	796	772	775	775
France	554	700	547	532	500	580
Turkey	1,070	545	1,083	519	1,150	1,450
Spain	350	495	532	454	390	350
Bangladesh	356	322	413	482	540	600
Subtotal	19,798	20,591	22,784	20,249	21,288	19,467
Others	7,169	7,203	7,822	7,386	7,371	7,614
World total	26,967	27,794	30,606	27,635	28,659	27,081

[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, 1995/96–1997/98

Country of origin	Year beginning August		
	1995/96	1996/97	1997/98
	Bales[1]	*Bales*[1]	*Bales*[1]
Cotton, raw:			
Argentina	140,435	117,537	9,850
Uzbekistan, Rep. of	178,289	205,812	1,440
India	1,065	844	602
Mexico	10,922	36,441	451
Russian Federation	2	0	415
Canada	0	24	397
Turkey	0	0	189
Egypt	7,289	3	106
Peru	0	0	0
Poland	0	0	0
Spain	0	0	0
Singapore	115	0	0
Syria	184	0	0
Other Countries	69,296	42,832	0
Total	407,597	403,493	13,450

Country of origin	Year beginning August		
	1995/96	1996/97	1997/98
	Bales[1]	*Bales*[1]	*Bales*[1]
Cotton linters:			
Mexico	66,074	65,027	40,450
United Kingdom	92	0	51
Brazil	14,151	0	0
China	0	2,448	0
India	0	188	0
Japan	0	1,139	0
Turkey	0	0	0
Total	80,317	68,803	40,501

[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, 1988–97

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*
1988	0.4	1.3	3.6	4.6	87.3	2.4	0.5
1989	2.3	4.2	5.6	4.6	78.8	3.6	0.9
1990	0.3	1.2	3.7	4.9	86.3	2.9	0.9
1991	0.5	2.0	4.6	5.0	81.6	5.0	1.6
1992	0.8	2.4	5.0	5.2	83.2	2.8	0.8
1993	0.1	0.3	1.2	1.8	86.2	8.2	2.2
1994	0.1	0.6	1.8	2.3	90.6	3.8	0.7
1995	0.4	1.2	2.7	3.0	79.6	10.6	2.5
1996	0.4	1.2	3.1	3.5	80.8	8.7	2.5
1997	(*)	0.4	1.8	2.5	88.4	5.9	0.9

(*) Less than 0.05 percent.

AMS, Cotton Division, (901) 384–3016.

Table 2-17.—Cotton, American upland: Average spot prices for specified grades of staple 34 in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1988–97

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*
1988	59.42	57.67	54.35	46.21	57.69	55.00	48.25	48.98	45.74
1989	71.21	69.78	66.58	58.49	69.66	67.17	60.29	62.09	58.35
1990	76.08	74.80	70.10	61.38	74.81	71.43	63.28	65.35	61.28
1991	57.63	56.68	52.85	44.30	56.63	53.78	46.97	48.02	44.05
1992	55.12	54.10	50.17	42.07	54.03	51.03	44.90	45.20	42.01

Year beginning August 1[1]	New Classification System Beginning With 1993 Crop								
	White				Light Spotted			Spotted	
	Color 31 Leaf 3	Color 41 Leaf 4	Color 51 Leaf 5	Color 61 Leaf 6	Color 32 Leaf 3	Color 42 Leaf 4	Color 52 Leaf 5	Color 33 Leaf 3	Color 43 Leaf 4
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
1993	66.89	66.12	62.14	55.43	65.88	62.80	56.43	56.77	53.50
1994	89.46	88.14	83.47	77.54	87.65	84.18	78.19	80.61	76.07
1995	84.82	83.03	77.61	73.25	82.49	78.38	72.97	76.31	71.30
1996	72.87	71.59	66.71	63.02	71.12	67.62	62.50	65.93	61.25
1997	69.08	67.79	63.31	60.38	67.08	64.44	60.06	64.47	59.43

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

AMS, Cotton Division, (901) 384–3016.

Table 2-18.—Cotton, American upland: Average spot prices for specified staple lengths of Grade 41 in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1988–97

Year beginning August 1	Staple							
	28	29	30	31	32	33	34	35
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
1988	48.02	48.02	48.94	50.21	52.39	54.12	57.67	58.13
1989	59.78	59.78	60.74	62.93	64.89	66.63	69.78	70.23
1990	61.27	61.27	62.48	65.46	69.15	71.52	74.80	75.38
1991	47.93	47.93	50.12	52.37	53.23	54.15	56.68	57.06
1992	46.21	46.21	48.62	50.79	52.45	52.41	54.10	54.76
1993 [1]	59.39	59.39	61.38	62.84	64.17	64.16	66.12	66.76
1994 [1]	81.51	81.51	83.46	85.01	85.80	86.06	88.14	88.53
1995 [1]	76.00	76.00	77.82	79.49	79.99	81.06	83.03	83.58
1996 [1]	64.61	64.61	66.38	67.18	67.93	69.81	71.59	72.20
1997 [1]	60.97	60.97	62.65	63.48	64.56	66.07	67.79	68.39

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

AMS, Cotton Division, (901) 384–3016.

Table 2-19.—Cotton, American upland: High, low, and season average spot prices for the base quality in the designated markets, cents per pound, 1988–97

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*
1988	57.67	69.91	50.05	1993	66.12	81.06	51.48
1989	69.78	80.67	60.69	1994	88.14	111.53	65.98
1990	74.80	87.82	68.45	1995	83.03	93.51	75.84
1991	56.68	69.96	49.04	1996	71.59	78.11	68.00
1992	54.10	61.08	47.11	1997	67.79	77.79	59.82

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

AMS, Cotton Division, (901) 384–3016.

Table 2-20.—Cotton, American upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1988–97 [1]

Market	Grade 41 Staple 34					Color 41, Leaf 4, Staple 34 [3]				
	1988 [2]	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Southeast	57.26	70.64	75.90	57.70	56.73	67.46	87.17	83.86	72.33	68.60
North Delta	56.71	69.51	75.49	56.18	55.03	67.04	87.25	83.76	72.11	68.36
South Delta	56.67	69.50	75.53	56.21	55.03	67.04	87.25	83.76	72.11	68.36
East TX–OK	55.88	67.11	71.40	55.63	53.78	66.22	86.96	80.89	70.29	65.93
West Texas	55.77	67.06	71.09	55.79	53.53	65.92	86.66	80.64	69.98	65.88
Desert SW	59.67	71.19	75.90	57.77	51.61	64.16	87.96	80.90	69.88	65.63
SJ Valley	63.30	73.47	78.30	57.50	52.84	65.04	93.73	87.40	74.47	71.79
Average	57.90	69.78	74.80	56.68	54.10	66.12	88.14	83.03	71.59	67.79

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

AMS, Cotton Division, (901) 384–3016.

Table 2-21.—Cotton: Supply and distribution, by countries, 1997–98

Country	Beginning stocks Aug. 1	Production	Imports	Total supply	Consumption [1]	Exports	Ending stocks July 31	Total distribution
	1,000 bales [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]
Exporting countries:								
Indonesia	102	17	1,900	2,019	1,850	0	119	2,019
Brazil	960	1,750	1,850	4,560	3,400	0	1,160	4,560
China, Peoples Rep.	14,755	21,100	1,834	37,689	20,800	34	16,855	37,689
Italy	291	1	1,600	1,892	1,600	15	267	1,892
Mexico	284	960	1,600	2,844	2,050	250	509	2,844
Turkey	557	3,800	1,450	5,807	5,000	100	707	5,807
Korea, Republic	512	1	1,322	1,835	1,375	50	410	1,835
Japan	347	0	1,318	1,665	1,300	0	365	1,665
Thailand	546	28	1,236	1,810	1,325	5	480	1,810
Russian Federation	167	0	1,225	1,392	1,200	0	192	1,392
Taiwan	279	0	1,200	1,479	1,200	4	275	1,479
Portugal	276	0	775	1,051	775	0	276	1,051
Germany	73	0	740	813	650	85	78	813
Hong Kong	96	0	630	726	530	100	96	726
France	185	0	600	785	550	25	185	785
Bangladesh	31	67	600	698	650	0	47	698
India	3,425	12,000	500	15,925	12,600	150	3,175	15,925
Poland	20	0	400	420	370	12	38	420
Spain	152	535	350	1,037	560	275	197	1,037
Malaysia	45	0	300	345	300	0	45	345
Canada	24	0	300	324	300	0	24	324
Czech Republic	51	0	280	331	230	40	56	331
Vietnam	58	5	260	323	265	0	58	323
Romania	101	0	230	331	250	0	81	331
Ukraine	74	0	225	299	115	100	84	299
Morocco	26	1	210	237	210	0	27	237
Colombia	103	165	210	478	370	10	96	478
Philippines	119	8	210	337	250	0	87	337
Belgium-Luxembo	30	0	210	240	200	15	25	240
South Africa, Republic	67	200	200	467	385	0	82	467
Others	12,922	50,529	3,316	66,767	27,575	25,040	14,028	66,767
Total exporting countries	36,678	91,167	27,081	154,926	88,235	26,310	40,124	154,926
Importing countries:								
United States	3,971	18,793	13	22,777	11,349	7,500	3,887	22,777
Uzbekistan, Rep	822	5,300	5	6,127	750	4,400	977	6,127
Australia	947	3,063	1	4,011	210	2,710	1,091	4,011
Syria	376	1,650	0	2,026	460	1,050	516	2,026
Argentina	1,040	1,350	50	2,440	485	900	1,045	2,440
Greece	229	1,560	46	1,835	575	880	375	1,835
Mali	77	990	0	1,067	50	800	217	1,067
Benin	86	695	0	781	10	645	126	781
Burkina	55	635	0	690	25	550	115	690
Cote d'Ivoire	104	670	0	774	115	550	109	774
Turkmenistan	384	850	0	1,234	125	500	609	1,234
Chad	53	500	0	553	15	465	73	553
Tajikistan, Rep	57	500	0	557	45	400	112	557
Pakistan	1,818	7,000	150	8,968	7,100	350	1,493	8,968
Egypt	711	1,550	20	2,281	950	322	984	2,281
Sudan	76	400	0	476	60	300	116	476
Paraguay	54	350	0	404	60	290	54	404
Cameroon	56	350	0	406	45	290	71	406
Spain	152	535	350	1,037	560	275	197	1,037
Togo	32	300	0	332	15	260	57	332
Mexico	284	960	1,600	2,844	2,050	250	509	2,844
Zimbabwe	109	425	0	534	150	250	119	534
Tanzania, United	109	260	0	369	50	200	119	369
Kazakhstan, Rep	53	285	0	338	80	175	83	338
Israel	53	240	40	333	100	165	68	333
Azerbaijan, Rep	132	190	0	322	40	160	122	322
India	3,425	12,000	500	15,925	12,600	150	3,175	15,925
Mozambique	25	130	5	160	10	120	30	160
Ukraine	74	0	225	299	115	100	84	299
Hong Kong	96	0	630	726	530	100	96	726
Turkey	557	3,800	1,450	5,807	5,000	100	707	5,807
Others	20,661	25,836	21,996	68,493	44,506	1,103	22,788	68,493
Total net importing countries	36,678	91,167	27,081	154,926	88,235	26,310	40,124	154,926

[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, 1989–98 [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*
1989	1,324.4	1,294.5	19.4	25,131	42.10	1,058,298	3,442	3,217
1990	1,400.4	1,377.2	20.0	27,513	43.00	1,182,220	3,842	3,591
1991	1,427.4	1,386.7	20.3	28,203	38.50	1,085,728	3,729	3,485
1992	1,436.7	1,411.5	20.6	29,143	41.40	1,206,480	4,386	4,099
1993	1,437.7	1,409.4	18.6	26,249	39.00	1,023,687	4,047	3,792
1994	1,475.8	1,443.0	22.1	31,853	38.80	1,234,470	NA	NA
1995	1,444.6	1,420.1	19.8	28,065	38.10	1,070,663	NA	NA
1996	1,368.4	1,323.3	20.2	26,680	45.40	1,211,001	NA	NA
1997	1,459.3	1,428.3	20.9	29,886	38.80	1,160,029	NA	NA
1998 [4]	1,497.9	1,451.6	22.5	32,660	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, 1996–98 [1]

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	84.0	101.0	102.0	82.0	99.0	100.0	29.5	30.0	29.0	2,419	2,970	2,900
CO	54.8	67.9	62.5	51.1	66.4	57.3	20.2	19.7	22.7	1,032	1,308	1,301
ID	187.0	198.0	204.0	184.0	197.0	203.0	24.8	26.4	27.1	4,563	5,210	5,501
MI	153.0	163.0	177.0	130.0	160.0	173.0	15.1	19.0	16.0	1,963	3,040	2,768
MN	441.0	453.0	473.0	438.0	446.0	458.0	18.2	18.5	21.2	7,971	8,251	9,710
MT	57.7	59.9	64.0	57.5	58.3	62.4	22.6	21.0	22.6	1,300	1,224	1,410
NE	55.8	67.3	53.8	51.2	60.3	47.4	17.8	16.8	19.7	913	1,013	934
NM	1.1	1.6	.....	0.9	1.6	.....	29.8	30.6	.....	27	49	.....
ND	226.6	231.4	250.0	225.3	227.5	242.6	18.7	18.5	22.2	4,213	4,205	5,386
OH	4.9	0.9	1.3	4.6	0.9	1.1	18.8	19.0	17.3	86	17	19
OR	17.4	17.6	17.6	16.3	17.4	17.5	25.5	28.4	25.0	416	494	438
TX	14.1	16.4	.....	12.6	15.0	.....	19.2	18.0	.....	242	270	.....
WA	13.0	18.3	36.7	13.0	18.0	36.0	35.5	33.1	33.5	461	595	1,206
WY	58.0	63.0	56.0	56.8	60.9	53.3	18.9	20.4	20.4	1,074	1,240	1,087
US	1,368.4	1,459.3	1,497.9	1,323.3	1,428.3	1,451.6	20.2	20.9	22.5	26,680	29,886	32,660

[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 1996–97 [1]

State	Production		Marketing year average price per ton received by farmers		Value of production	
	1996	1997	1996	1997	1996	1997
	1,000 tons	*1,000 tons*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
CA	2,419	2,970	43.00	40.60	104,017	120,582
CO	1,032	1,308	41.20	34.10	42,518	44,603
ID	4,563	5,210	46.10	40.60	210,354	211,526
MI	1,963	3,040	41.60	38.50	81,661	117,040
MN	7,971	8,251	47.10	38.70	375,434	319,314
MT	1,300	1,224	48.10	40.50	62,530	49,572
NE	913	1,013	44.40	35.60	40,537	36,063
NM	27	49	31.70	31.20	856	1,529
ND	4,213	4,205	46.10	37.90	194,219	159,370
OH	86	17	42.00	38.40	3,612	653
OR	416	494	42.50	39.90	17,680	19,711
TX	242	270	32.50	34.00	7,865	9,180
WA	461	595	42.90	38.90	19,777	23,146
WY	1,074	1,240	46.50	38.50	49,941	47,740
US	26,680	29,886	45.40	38.80	1,211,001	1,160,029

[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, 1989–98

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*
1989	803.3	48.6	851.9	34.9	27.9	34.5	28,069	1,357	29,426
1990	726.4	67.8	794.2	36.4	24.5	35.4	26,475	1,661	28,136
1991	849.6	47.3	896.9	34.1	27.3	33.7	28,960	1,292	30,252
1992	870.4	54.8	925.2	33.2	27.2	32.8	28,873	1,490	30,363
1993	893.3	55.0	948.3	33.2	26.3	32.8	29,623	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 [2]	892.8	56.7	949.5	35.7	32.4	35.5	31,881	1,836	33,717

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*
1989	29.20	819,057	857,678	3,176	226	2,967	192,741
1990	30.80	815,630	863,498	3,152	238	2,945	178,273
1991	29.00	840,194	876,479	3,430	237	3,206	187,629
1992	28.10	811,350	852,235	3,373	234	3,152	181,668
1993	28.50	846,132	886,285	3,482	235	3,255	194,247
1994	29.20	857,438	900,827	NA	NA	NA	NA
1995	29.50	859,604	906,956	NA	NA	NA	NA
1996	28.30	784,113	833,297	NA	NA	NA	NA
1997	28.10	842,840	890,257	NA	NA	NA	NA
1998	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 1996–97

State	Sugarcane for sugar						Sugar and seed: Value of production [1]	
	Production		Price per ton		Value of production			
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 tons	*1,000 tons*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
FL	13,803	15,535	29.40	28.70	405,808	445,855	426,241	465,973
HI	3,544	2,925	30.50	29.20	108,092	85,410	110,990	87,863
LA	9,347	10,716	26.20	27.10	244,891	290,404	270,489	313,330
TX	993	827	25.50	25.60	25,322	21,171	25,577	23,091
Total	27,687	30,003	28.30	28.10	784,113	842,840	833,297	890,257

[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, 1996–98

State	Sugarcane for sugar and seed [1]								
	Area harvested			Yield of cane per acre			Cane production		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
For sugar:									
FL	417.0	421.0	429.0	33.1	36.9	38.7	13,803	15,535	16,602
HI	42.9	32.0	31.8	82.6	91.4	85.5	3,544	2,925	2,719
LA	335.0	380.0	400.0	27.9	28.2	29.0	9,347	10,716	11,600
TX	34.6	27.3	32.0	28.7	30.3	30.0	993	827	960
US	829.5	860.3	892.8	33.4	34.9	35.7	27,687	30,003	31,881
For seed:									
FL	21.0	19.0	19.0	33.1	36.9	38.8	695	701	737
HI	3.1	2.2	2.2	30.6	38.2	31.4	95	84	69
LA	35.0	30.0	35.0	27.9	28.2	29.0	977	846	1,015
TX	0.3	2.5	0.5	33.3	30.0	30.0	10	75	15
US	59.4	53.7	56.7	29.9	31.8	32.4	1,777	1,706	1,836
For sugar and seed:									
FL	438.0	440.0	448.0	33.1	36.9	38.7	14,498	16,236	17,339
HI	46.0	34.2	34.0	79.1	88.0	82.0	3,639	3,009	2,788
LA	370.0	410.0	435.0	27.9	28.2	29.0	10,324	11,562	12,615
TX	34.9	29.8	32.5	28.7	30.3	30.0	1,003	902	975
US	888.9	914.0	949.5	33.1	34.7	35.5	29,464	31,709	33,717

[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, 1988–97

Year	Jan. 1 stocks	Receipts [2]	Meltings
	1,000 tons	*1,000 tons*	*1,000 tons*
1988	401	4,774	4,689
1989	487	5,226	5,350
1990	381	5,565	5,654
1991	292	5,401	5,578
1992	619	5,730	5,637
1993	507	5,113	5,225
1994	438	5,420	5,425
1995	448	5,220	5,323
1996	334	6,071	6,072
1997	323	5,951	5,954

[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, 1995/96–1997/98 [1]

Continent and country	1995/96	1996/97	1997/98 [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	150	137	95
Costa Rica	353	333	350
Cuba	4,450	4,200	3,000
Dominican Republic	570	715	570
El Salvador	310	393	463
Guatemala	1,334	1,566	1,790
Honduras	235	248	291
Jamaica	238	236	186
Mexico	4,660	4,835	5,490
Nicaragua	301	354	360
Panama	137	160	170
Trinidad and Tobago	118	100	78
United States	6,686	6,537	7,276
Other North and Central America and Caribbean	220	205	194
Total	19,762	20,019	20,313
South America:			
Argentina	1,590	1,380	1,750
Brazil	13,700	14,650	15,700
Chile	598	473	388
Colombia	2,002	2,132	2,154
Ecuador	353	451	203
Guyana	280	276	248
Peru	641	605	666
Venezuela	550	588	617
Other S.A	417	436	536
Total	20,131	20,991	22,262
European Community:			
Total Western Europe	17,234	18,221	19,323
Albania	10	10	10
Bulgaria	15	9	11
Czech Republic	477	610	540
Hungary	484	490	480
Poland	1,714	2,435	2,323
Romania	270	318	284
Slovakia	145	246	250
Yugoslavia	242	409	318
Total Eastern Europe	3,357	4,527	4,216
Baltics:			
Latvia	35	35	30
Lithuania	80	70	80
Total Baltics	115	105	110
FSU—12:			
Belarus	152	140	154
Kazakstan	50	65	65
Kyrgzstan	15	15	15
Moldova	190	190	200
Russia	2,060	1,710	1,300
Ukraine	3,800	2,935	2,170
Total FSU—12	6,267	5,055	3,906
Africa:			
Cote d'Ivoire	130	150	135
Egypt	1,092	1,156	1,215
Ethiopia	200	170	100
Kenya	386	388	401
Mauritius	572	647	658
South Africa	1,769	2,408	2,560
Sudan	500	540	580
Swaziland	447	502	518
Zimbabwe	524	338	573
Other Africa	1,738	1,908	1,868
Total Africa	7,358	8,207	8,608
Middle East:			
Iran	940	700	820
Syria	115	109	115
Turkey	1,375	2,025	2,372
Other	37	42	42
Total Middle East	2,467	2,876	3,349
Asia:			
Bangladesh	200	150	170
China (Mainland)	6,686	7,789	8,631
India	18,225	14,616	14,481
Indonesia	2,090	2,094	2,190
Japan	901	709	808
Malaysia	105	108	110
Pakistan	2,643	2,560	3,817
Phillippines	1,791	1,829	1,802
Taiwan	392	348	330
Thailand	6,223	6,013	4,245
Vietnam	535	550	600
Other Asia	165	165	135
Total Asia	39,966	36,941	37,329
Oceania:			
Australia	5,049	5,659	5,567
Fiji	481	508	370
Others	35	35	30
Total Oceania	5,645	6,202	5,967
World total	122,302	123,144	125,383

[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, 1995–97 [1]

Country or area of supply	1995	1996	1997
	1,000 tons	*1,000 tons*	*1,000 tons*
Argentina	96	151	176
Australia	186	277	174
Belize	24	26	26
Boliva	18	22	22
Brazil	324	395	395
Canada	.....	25	9
China, Peoples Rep.	.....	1	1
Colombia	53	149	149
Congo	8	6	8
Costa Rica	33	178	79
Cote d'Ivoire	8	0	8
Dominican Republic	393	353	474
Ecuador	25	25	26
El Salvador	58	102	121
Fiji Islands	20	.....	.....
Guatemala	107	331	330
Guyana	27	24	32
Honduras	22	13	31
India	18	15	17
Jamaica	24	41	39
Leeward–Windward Isl.	.....	0	8
Madagascar	8	8	17
Malawi	12	19	0
Mauritius	27	25	26
Mexico	26	41	26
Mozambique	29	18	64
Netherlands Antilles	.....	9	0
Nicaragua	47	108	118
Other Pacific Isl.	.....	12	19
Panama	61	64	68
Papua New Guinea	8	0	8
Paraguay	8	17	6
Peru	92	81	107
Philippines	281	220	379
St. Kitts and Nevis	8	.....	.....
South Africa	51	103	49
Swaziland	36	20	34
Taiwan	27	28	26
Thailand	31	33	30
Trinidad-Tobago	16	17	15
Uruguay	8	8	8
Zimbabwe	27	22	50
Other countries	28	.....	.....
Total foreign countries	2,272	2,988	3,215
Domestic areas:			
Mainland (beet)	4,645	4,007	4,060
Mainland and Hawaii (cane)	5,363	6,044	5,911
Puerto Rico	49	44	45
Total domestic areas	10,057	10,095	10,016
Grand total	12,329	13,083	13,231

[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, 1989–98

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*
1989	187	1,372	0	.....	1,559
1990	155	1,412	0	.....	1,567
1991	168	1,327	0	.....	1,495
1992	191	1,336	0	12	1,539
1993	178	1,640	0	14	1,832
1994	218	1,696	0	13	1,927
1995	192	1,600	0	13	1,805
1996	195	1,383	0	12	1,590
1997	196	1,520	0	18	1,734
1998	212	1,535	0	22	1,769
PRODUCTION OR RECEIPTS					
1988	4,701	3,717	20	.....	8,438
1989	5,311	3,500	76	.....	8,887
1990	5,611	3,526	39	.....	9,176
1991	5,525	3,771	30	.....	9,326
1992	5,209	4,133	52	15	9,409
1993	4,760	4,249	51	14	9,074
1994	5,531	4,269	78	20	9,898
1995	5,366	4,471	44	14	9,895
1996	6,074	4,149	33	19	10,275
1997	5,968	4,117	27	20	10,132
DELIVERIES [3]					
1988	4,290	3,832	20	5	8,147
1989	4,764	3,449	76	6	8,295
1990	4,998	3,570	39	8	8,615
1991	4,786	3,713	30	11	8,540
1992	5,167	3,661	52	11	8,891
1993	4,673	3,954	51	15	8,693
1994	5,530	4,329	78	12	9,949
1995	5,397	4,645	44	15	10,101
1996	6,074	4,007	33	14	10,128
1997	5,940	4,060	27	16	10,043

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

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

Table 2-32.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States includes Puerto Rico, 1988–97

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*
1988	7,187	3,206	1,388	19	356	8,315	62.6
1989	6,933	3,152	1,913	12	526	8,467	63.1
1990	6,395	2,961	2,765	0	564	8,789	64.8
1991	7,214	2,746	2,596	0	613	8,835	64.4
1992	7,568	3,056	2,256	0	532	9,076	65.4
1993	7,829	3,242	2,018	0	358	9,138	65.2
1994	7,669	3,512	1,771	0	480	9,321	65.8
1995	7,977	3,139	1,759	0	400	9,451	66.2
1996	7,268	2,908	2,926	0	331	9,619	66.7
1997 [1]	7,418	3,195	2,676	0	187	9,755	67.1

[1] Preliminary

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

Table 2-33.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1995–97 [1]

Country of destination	1995	1996	1997
	Metric tons	*Metric tons*	*Metric tons*
North America, including Caribbean areas:			
Bahamas	5,400	5,065	4,986
Barbados	5,622	2,023	93
Canada	108,145	19,474	5,292
Dominican Republic	21,997	14,036	78
Haiti	64,095	32,425	6,199
Jamaica	44,375	37,491	35,147
Leeward and Windward Islands	698	1,578	532
Mexico	31,157	24,911	29,490
Netherlands Antilles	3,016	3,062	2,446
Trinidad and Tobago	2,203	138	6,008
Other	923	651	1,117
Total	287,631	140,854	91,388
South America:			
Chile	15	5,218	1
Guyana	221	2,496	1,113
Peru	33,849	20,201	12,872
Other	6,404	5,920	4,123
Total	40,489	33,835	18,109
Europe:			
Germany	1,242	1,514	704
Netherlands	966	1,378	1,482
United Kingdom	182	291	265
Other	153	3,975	3,620
Total	2,543	7,158	6,071
Russia	15,061	0	140
Other Republics of FSU	0	0	0
Total	15,061	0	140
Africa:			
Ghana	60	1,446	45
Nigeria	21	0	0
Other	5	27,518	2,109
Total	86	28,964	2,154
Asia and Oceania:			
Jordan	32,289	0	0
Marshall Island	56	37	55
Saudi Arabia	113	1,798	3,457
Other	63,388	32,312	3,667
Total	95,846	34,147	7,179
World total	441,657	244,956	125,040

[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 1995/96–1997/98

Continent and country	1995/96		1996/97		1997/98 [1]	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North and Central America:						
Belize	98	0	100	0	95	0
Canada	36	1,174	15	1,052	16	1,216
Costa Rica	158	0	150	0	150	0
El Salvador	98	0	178	0	210	0
Guatemala	923	0	1,075	0	1,361	0
Honduras	22	0	17	0	83	0
Mexico	587	180	750	75	1,280	30
Nicaragua	115	0	171	0	172	0
Panama	50	0	52	0	70	0
United States	327	2,536	205	2,530	165	1,967
Total North and Central America	2,414	3,890	2,713	3,657	3,602	3,213
Caribbean:						
Barbados	62	20	60	10	48	17
Cuba	3,800	0	3,600	0	2,300	0
Dominican Republic	325	60	364	0	292	10
Haiti	0	65	0	65	0	60
Jamaica	170	69	181	68	140	75
St. Kitts and Nevis	17	0	17	0	17	0
Trinidad and Tobago	74	35	68	52	57	55
Other Caribbean	0	36	0	38	0	41
Total Caribbean	4,448	285	4,290	233	2,854	258
South America:						
Argentina	170	20	163	43	170	23
Brazil	5,800	0	5,800	0	7,200	0
Chile	0	134	0	217	0	220
Colombia	694	3	821	8	830	10
Ecuador	22	52	40	0	0	130
Guyana	256	8	256	8	216	0
Peru	65	240	83	314	32	257
Venezuela	76	331	80	271	90	200
Other South America	297	311	60	97	91	107
Total South America	7,380	1,099	7,303	958	8,629	947
Europe:						
Total EU [2]	4,629	1,813	5,228	1,808	6,220	1,790
Cyprus	0	25	0	25	0	25
Iceland	0	15	0	15	0	15
Malta and Gozo	0	20	0	20	0	23
Norway	0	170	0	170	0	185
Switzerland	0	295	0	295	0	124
Turkey	4	736	113	153	250	30
Other Western Europe	0	0	0	0	0	0
Total Western Europe	4,633	3,074	5,341	2,486	6,470	2,192
Albania	0	45	0	45	0	50
Bulgaria	124	400	161	288	170	319
Czech Republic	26	22	132	9	79	30
Hungary	30	0	20	0	40	0
Poland	5	59	558	87	490	7
Romania	0	200	0	210	1	240
Slovakia	0	65	0	30	0	30
Fmr. Yugoslavia	0	268	15	150	0	220
Total Eastern Europe	185	1,059	886	819	780	896
Republics of the Former Soviet Union:						
Russia	100	3,200	130	3,600	150	3,800
Ukraine	1,487	300	1,420	135	236	150
Other FSU Republics	40	1,835	30	1,963	82	1,984
Total Republics of FSU	1,627	5,335	1,580	5,698	468	5,934

See footnotes at end of table.

Table 2-34.—Sugar, centrifugal (raw value): International trade in marketing years 1995/96–1997/98—Continued

Continent and country	1995/96		1996/97		1997/98 [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	90	1,000	100	1,000	90	1,010
Angola	0	65	0	70	0	82
Cote d'Ivoire	5	30	18	30	14	25
Egypt	3	617	206	1,305	210	750
Ethiopia	50	0	50	30	25	60
Ghana	0	100	0	90	0	100
Kenya	0	178	24	65	25	52
Libya	0	215	0	220	0	225
Madagascar	30	40	14	20	12	18
Malawi	50	0	54	13	45	10
Mauritius	560	31	575	0	643	0
Morocco	0	477	0	513	0	505
Mozambique	25	55	25	60	24	51
Nigeria	12	447	10	480	20	560
Senegal	0	45	0	30	0	35
Sierra Leone	0	15	0	15	0	15
South Africa	399	23	1,056	53	1,160	0
Sudan	60	0	50	0	80	0
Swaziland	307	0	293	0	272	0
Tunisia	0	230	0	230	0	210
Tanzania, United Republic	15	105	15	125	15	140
Zaire	0	30	0	20	0	50
Zimbabwe	187	0	156	80	240	0
Other Africa	185	607	169	580	64	545
Total Africa	3,258	4,204	2,529	5,038	2,939	4,443
Asia:						
Afghanistan	0	115	0	120	0	130
Bangladesh	0	140	0	190	0	200
China (Mainland)	925	1,175	435	1,014	366	560
Hong Kong	50	225	50	225	50	230
India	940	0	740	27	60	1,000
Indonesia	0	919	0	1,091	0	971
Iran	0	940	0	1,150	0	1,150
Iraq	0	490	0	490	0	510
Israel	0	305	0	315	0	325
Japan	4	1,673	10	1,686	10	1,583
Jordan	0	185	0	190	0	195
Korea, Republic of	276	1,411	271	1,497	270	1,450
Kuwait	0	65	0	70	0	80
Lebanon	0	90	0	90	0	100
Malaysia	110	1,120	135	1,166	140	1,280
Philippines	237	827	248	150	206	160
Saudi Arabia	0	525	0	540	0	550
Singapore	20	220	20	220	20	225
Sri Lanka	0	405	0	410	0	420
Syria	0	400	0	421	0	430
Taiwan	20	105	24	153	20	160
Thailand	4,537	0	4,194	0	2,900	0
Vietnam	0	140	0	130	0	110
Yemen	0	360	0	355	0	368
Other Asia	306	2,457	351	2,323	867	2,805
Total Asia	7,425	14,292	6,478	14,023	4,909	14,992
Oceania:						
Australia	4,242	2	4,564	2	4,570	2
Fiji	434	15	415	0	365	0
New Zealand	3	170	5	175	5	185
Other Oceania	439	40	5	20	3	20
Total Oceania	4,684	207	4,989	197	4,943	207
World total [3]	36,054	33,445	36,109	33,109	35,594	33,082

[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, 1989–98

Year	Wholesale price			Retail price, granulated: United States
	Cane sugar		Refined beet: mid-west	
	Raw, 96 1/2 centrifugal			
	Caribbean ports, f.o.b. and stowed	New York, c.i.f. duty paid		
	Cents	*Cents*	*Cents*	*Cents*
1989	12.79	22.8	29.1	40.0
1990	12.55	23.3	30.0	42.8
1991	9.04	21.6	25.7	42.8
1992	9.09	21.3	25.4	41.5
1993	10.03	21.6	25.1	40.5
1994	12.13	22.0	25.1	39.9
1995	13.44	22.9	25.8	39.8
1996	12.24	22.40	29.2	41.8
1997	12.06	21.96	27.09	43.3
1998	9.68	22.06	26.12	43.0

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, 1995–97 [1]

Country of origin	1995	1996	1997
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North and South America, including Caribbean area:			
Argentina	96	125	139
Belize	15	24	40
Brazil	216	390	362
Colombia	175	125	183
Costa Rica	25	167	79
Dominican Republic	187	341	497
Ecuador	15	44	5
El Salvador	59	96	105
Guatemala	101	311	307
Guyana	6	22	30
Mexico	21	29	10
Nicaragua	34	96	134
Peru	75	85	72
Other America	120	148	170
Total	1,145	2,003	2,133
Africa:			
Malawi	0	18	11
Mauritius	2	24	24
Mozambique	48	26	62
South Africa	24	134	21
Swaziland	19	19	49
Zimbabwe	17	62	34
Other Africa	7	6	55
Total	117	289	256
Asia and Oceania:			
Australia	140	269	135
Philippines	145	269	330
Thailand	17	31	28
Taiwan	0	0	0
Other Asia and Oceania	18	43	50
Total	320	612	543
World total [2]	1,598	2,932	2,956

[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 1996/97–1998/99

Country	1996/97	1997/98	1998/99
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	202	161	186
Mexico	714	634	634
United States	1,354	1,350	1,520
Total	2,270	2,145	2,340
Caribbean:			
Barbados	4	3	2
Cuba	400	300	300
Dominican Republic	121	173	151
Haiti	10	25	25
Jamaica	12	10	6
Trinidad/Tobago	6	10	6
Other	21	22	22
Total	574	543	512
Central America:			
Belize	5	3	12
Costa Rica	71	55	50
El Salvador	15	23	41
Guatemala	75	134	124
Honduras	52	73	50
Nicaragua	36	47	61
Panama	11	31	40
Total	265	366	378
South America:			
Argentina	138	48	200
Bolivia	77	82	133
Brazil	510	860	560
Chile	132	142	70
Colombia	297	282	242
Ecuador	64	69	2
Guyana	6	2	2
Paraguay	22	21	28
Peru	224	186	167
Surinam	3	3	3
Uruguay	17	12	12
Venezuela	87	105	61
Total	1,577	1,812	1,480
Total EU:	2,066	2,535	3,000
Western Europe:			
Iceland	5	5	5
Norway	11	16	16
Switzerland	124	143	142
Other	7	8	10
Total	147	172	173
Eastern Europe:			
Albania	11	11	11
Bulgaria	60	34	14
Czech Republic	20	19	30
Hungary	105	135	125
Poland	118	278	278
Romania	15	15	8
Slovakia	40	66	66
Fmr. Yugoslavia	40	54	52
Total	409	612	584
Republics of the Former Soviet Union:			
Russia	1,035	1,115	1,105
Ukraine	733	187	371
Other FSU Republics	318	345	359
Total	2,086	1,647	1,835
North Africa:			
Algeria	100	90	90
Egypt	228	593	428
Morocco	174	195	173
Sudan	43	53	53
Tunisia	67	67	27
Other	55	55	55
Total	667	1,053	826
Sub-Saharan Africa:			
Cote d'Ivoire	22	19	5
Ethiopia	25	25	10
Ghana	12	12	17
Kenya	32	24	2
Mozambique	2	2	7
Nigeria	130	120	120
Senegal	20	20	20
Sierra Leone	5	5	3
South Africa	374	369	364
Swaziland	21	50	71
Tanzania, Republic of	12	32	32
Zaire	23	13	23
Zimbabwe	55	0	0
Other	236	260	220
Total	969	951	894
Middle East:			
Iran	300	280	300
Iraq	12	14	16
Israel	69	67	65
Saudi Arabia	75	80	80
Turkey	428	533	665
Other	204	205	206
Total	1,088	1,179	1,332
Asia:			
Afghanistan	30	45	40
Bangladesh	56	46	56
China (Mainland)	2,684	2,784	2,597
Hong Kong	18	18	18
India	8,455	6,979	5,700
Indonesia	474	559	520
Japan	187	124	87
Korea, Republic of	140	150	148
Malaysia	283	251	261
Philippines	634	502	388
Singapore	23	23	23
Sri Lanka	60	60	40
Taiwan	136	143	143
Thailand	506	938	633
Vietnam	67	82	97
Other	503	611	743
Total	14,316	13,375	11,534
Oceania:			
Australia	101	228	237
Fiji	20	63	17
New Zealand	40	37	32
Other	14	14	12
Total	172	342	303
World total	26,606	26,732	25,191

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

Table 2-38.—Honey: United States imports for consumption, by country of origin, 1995–97

Continent and country of origin	1995	1996	1997
	Metric tons	*Metric tons*	*Metric tons*
North America and Central America, Including the Caribbean:			
Bahamas	0	0	0
Canada	12,026	8,001	3,941
Dominican Republic	127	78	105
El Salvador	0	0	0
Leeward-Windward Islands	0	0	19
Mexico	2,549	5,488	6,625
Total	14,702	13,567	10,690
South America:			
Argentina	12,531	30,993	48,583
Chile	20	325	264
Colombia	0	0	0
Total	12,551	31,318	48,847
Western and Eastern Europe:			
Austria	7	34	12
France	10	23	27
Germany	80	115	100
Greece	13	12	29
Poland	6	11	5
Switzerland	43	35	40
United Kingdom	21	12	19
Other countries	18	101	44
Total	198	343	276
Asia, Africa, and Oceania:			
Australia	32	1,330	1,091
China, Peoples Republic of	12,482	19,418	11,475
Hong Kong	14	6	6
New Zealand	79	155	61
Other countries	124	1,355	2,689
Total	12,731	22,264	15,322
Grand total	40,182	67,492	75,135

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, 1995–97

Continent and country of origin	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	9,303	136	101
Dominican Republic	115	113	131
Mexico	9	21	4
Other countries	0	0	0
South America:			
Argentina	216	239	49
Brazil	92	94	70
Chile	23	40	22
Other countries	0	20	0
Africa:			
Ethiopia	140	168	68
Kenya	0	20	0
Tanzania	29	70	84
Zambia	0	0	1
Europe:			
France	2,830	96	18
Germany	118	244	134
United Kingdom	62	44	1
Other countries	620	97	111
Asia and Oceania:			
Australia	1,970	607	129
China	338	453	448
Other countries	2	255	60
Total	15,867	2,717	1,431

[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, 1992–98 [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	220,311	80,808	65.5	144,304

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

NASS, Economics and Livestock Branch, (202) 720-3570.

Table 2-41.—Honey: Number of colonies, yield, production, stocks, price and value, by State and United States, 1998 [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	16	71	1,136	159	72	818
AZ	55	60	3,300	1,485	64	2,112
AR	53	65	3,445	1,688	59	2,033
CA	450	83	37,350	12,326	62	23,157
CO	27	72	1,944	1,594	70	1,361
FL	230	98	22,540	4,508	64	14,426
GA	75	56	4,200	307	69	2,898
HI	8	118	944	66	75	708
ID	120	50	6,000	2,220	65	3,900
IL	9	71	639	204	119	760
IN	9	92	828	489	85	704
IA	50	78	3,900	2,301	70	2,730
KS	16	46	736	390	87	640
KY	3	50	150	51	140	210
LA	41	111	4,551	865	59	2,685
ME	10	26	260	117	69	179
MD	7	44	308	92	110	339
MI	80	85	6,800	3,672	66	4,488
MN	140	79	11,060	2,765	65	7,189
MS	18	86	1,548	898	58	898
MO	23	66	1,518	455	76	1,154
MT	115	122	14,030	5,472	64	8,979
NE	64	70	4,480	2,240	86	3,853
NV	10	46	460	175	165	759
NJ	11	49	539	167	76	410
NM	14	55	770	470	76	585
NY	65	80	5,200	2,444	70	3,640
NC	8	59	472	151	138	651
ND	230	128	29,440	8,832	63	18,547
OH	18	78	1,404	702	83	1,165
OK	4	51	204	63	124	253
OR	50	45	2,250	1,620	90	2,025
PA	23	66	1,518	698	80	1,214
SD	225	95	21,375	10,901	64	13,680
TN	7	64	448	121	132	591
TX	91	77	7,007	1,612	62	4,344
UT	30	58	1,740	557	65	1,131
VT	6	64	384	207	107	411
VA	8	37	296	86	133	394
WA	58	51	2,958	1,361	64	1,893
WV	6	55	330	155	114	376
WI	89	91	8,099	5,264	72	5,831
WY	46	60	2,760	524	68	1,877
Oth Sts [4]	15	66	990	334	121	1,198
US [5]	2,633	83.7	220,311	80,808	65.5	144,304

[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, Economics and Livestock Branch, (202) 720-3570.

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	2,749,692
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, 1988–97

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*
1988	1,896,833	1,153	1,925	18,083	1,918,494	44,066	1,310	7,295	4,721	57,392
1989	1,909,805	1,198	1,990	14,949	1,928,192	43,474	1,643	2,877	6,526	54,520
1990	1,994,515	1,073	1,405	16,706	2,013,699	44,090	1,910	941	6,507	53,447
1991	2,074,919	1,299	1,825	18,514	2,096,556	44,042	1,965	918	7,783	54,707
1992	2,159,826	1,641	1,460	18,632	2,181,559	50,312	2,290	1,010	9,682	63,294
1993	2,202,023	1,007	1,480	19,481	2,223,991	45,524	2,684	1,329	11,287	60,823
1994	2,307,980	1,324	1,500	18,342	2,329,146	33,979	3,271	1,996	10,408	49,654
1995	2,498,170	1,096	1,500	17,770	2,518,536	21,071	3,127	1,474	7,483	33,155
1996	2,571,500	1,567	0	16,731	2,589,798	21,610	3,210	1,428	12,719	38,967
1997 [6]	2,677,190	1,293	0	16,250	2,694,733	32,935	3,642	1,168	14,139	51,884

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*
1988	5,718	225	1,182	7,125	1,935,181	2,238	9,220	21,622	1,968,761
1989	12,699	270	840	13,810	1,940,579	2,571	4,867	20,635	1,968,902
1990	31,555	209	1,050	32,814	2,007,050	2,774	2,346	22,163	2,034,333
1991	34,083	305	807	35,196	2,084,877	2,959	2,743	25,489	2,116,067
1992	24,892	457	880	26,230	2,185,246	3,474	2,470	27,434	2,218,623
1993	26,081	603	721	27,405	2,221,465	3,088	2,809	30,047	2,257,408
1994	29,414	569	705	30,687	2,312,546	4,027	3,496	28,045	2,348,113
1995	23,726	606	785	25,117	2,495,515	3,617	2,974	24,468	2,526,574
1996	51,991	820	836	53,647	2,541,119	3,957	NA	28,614	2,575,118
1997 [6]	79,310	655	752	80,717	2,630,815	4,280	NA	29,637	2,665,900

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, 1989–98

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*
1989	678,200	2,016	1,367,188	1.708	2,335,052
1990	733,310	2,218	1,626,380	1.738	2,827,167
1991	763,680	2,179	1,664,372	1.771	2,947,309
1992	784,440	2,195	1,721,671	1.777	3,059,246
1993	746,405	2,161	1,613,319	1.754	2,829,161
1994	671,065	2,359	1,582,896	1.758	2,779,056
1995	663,525	1,914	1,269,910	1.820	2,305,192
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	726,910	2,104	1,529,647	1.839	2,808,636

[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, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
CT	2,260	2,545	2,725	1,679	1,622	1,678	3,795	4,128	4,573
FL	7,500	7,300	6,800	2,680	2,610	2,515	20,100	19,053	17,102
GA	46,000	43,000	42,000	2,470	2,075	2,200	113,620	89,225	92,400
IN	7,600	8,900	8,500	1,970	2,100	2,000	14,972	18,690	17,000
KY	195,700	250,500	231,400	2,021	1,988	1,992	395,542	497,928	460,910
MD	8,000	8,000	6,500	1,250	1,500	1,400	10,000	12,000	9,100
MA	800	1,175	1,165	1,515	1,628	1,514	1,212	1,913	1,764
MO	2,700	3,000	2,800	2,230	2,345	2,250	6,021	7,035	6,300
NC	287,800	321,400	251,600	2,035	2,275	2,253	585,542	731,199	566,890
OH	8,000	11,400	9,800	1,580	1,950	1,830	12,640	22,230	17,934
PA	8,200	8,100	7,800	2,051	2,100	2,015	16,817	17,020	15,720
SC	51,000	54,000	45,000	2,310	2,340	2,150	117,810	126,360	96,750
TN	54,560	59,480	61,420	2,014	1,922	1,921	109,888	114,292	117,969
VA	48,370	53,080	45,600	2,141	2,215	2,163	103,543	117,576	98,625
WV	1,700	1,800	1,700	1,200	1,700	1,400	2,040	3,060	2,380
WI	2,870	2,550	2,100	1,799	2,231	2,014	5,162	5,690	4,230
US	733,060	836,230	726,910	2,072	2,137	2,104	1,518,704	1,787,399	1,529,647

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

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1996–98

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Hectares	*Hectares*	*Hectares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North America:									
Canada	26,200	28,500	27,800	2.49	2.50	2.49	65,320	71,110	69,300
Mexico	21,499	25,385	31,808	2.24	1.84	1.93	48,169	46,750	61,457
UnitedStates	296,508	328,406	302,324	2.32	2.47	2.30	688,258	810,154	696,116
Total	344,207	382,291	361,932	2.33	2.43	2.28	801,747	928,014	826,873
South America:									
Argentina	59,000	71,000	79,000	1.66	1.74	1.48	98,200	123,200	117,300
Bolivia	1,250	1,250	1,250	1.00	1.00	1.00	1,250	1,250	1,250
Brazil	286,000	329,500	321,000	1.53	1.75	1.38	439,000	576,600	442,500
Chile	3,303	3,499	4,193	3.19	3.18	3.20	10,536	11,117	13,436
Colombia	17,905	17,905	17,905	1.57	1.57	1.57	28,178	28,178	28,178
Ecuador	1,800	1,000	1,000	2.14	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	7,320	7,320	8,500	2.44	2.50	2.47	17,861	18,329	21,000
Total	385,178	440,074	441,448	1.59	1.76	1.45	612,575	776,224	641,214

See footnotes at end of table.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1996–98—Continued

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Hectares	*Hectares*	*Hectares*	*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	561	580	1.85	1.85	1.79	1,038	1,038	1,038
Guatemala	7,920	8,275	9,024	2.17	2.24	2.21	17,165	18,515	19,962
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	18,044	18,399	19,167	2.01	2.05	2.04	36,298	37,648	39,095
Caribbean:									
Cuba	59,000	59,000	59,000	0.56	0.63	0.63	33,000	37,000	37,000
Dominican Rep	20,938	21,171	27,050	1.25	1.43	1.51	26,099	30,279	40,950
Haiti	565	565	565	1.29	1.29	1.29	730	730	730
Jamaica	1,175	1,175	1,175	1.99	1.99	1.99	2,339	2,339	2,339
Trinidad & Tob.	100	100	100	1.70	1.70	1.70	170	170	170
St. Vincent	70	70	70	1.21	1.21	1.21	85	85	85
Total	81,848	82,081	87,960	0.76	0.86	0.92	62,423	70,603	81,274
European Union:									
Austria	100	98	105	1.66	1.66	1.90	166	163	199
Belgium-Lux	380	322	320	3.42	3.98	3.69	1,299	1,280	1,180
France	9,250	9,078	9,260	2.98	2.61	2.80	27,577	23,656	25,930
Germany	3,380	3,501	3,831	2.46	2.43	2.40	8,313	8,504	9,200
Greece	67,000	67,250	67,300	1.96	1.97	1.96	131,000	132,450	132,000
Italy	47,877	47,521	47,600	2.73	2.77	2.77	130,590	131,410	132,000
Portugal	2,909	2,909	2,909	2.14	2.14	2.14	6,226	6,226	6,226
Spain	15,425	13,225	15,150	2.63	3.20	2.79	40,547	42,281	42,300
Total	146,321	143,904	146,475	2.36	2.40	2.38	345,718	345,970	349,035
Western Europe:									
Switzerland	725	655	635	2.29	1.59	2.09	1,658	1,039	1,325
Eastern Europe:									
Albania	24,000	24,000	24,000	0.63	0.63	0.63	15,000	15,000	15,000
Bulgaria	27,862	48,511	49,000	1.55	1.61	1.61	43,212	78,176	79,000
Czech Republic	7,784	7,500	7,500	1.64	1.64	1.64	12,760	12,306	12,306
Croatia	5,300	6,600	7,000	1.58	1.64	1.67	8,400	10,800	11,700
Hungary	2,000	2,000	2,000	1.75	1.75	1.75	3,500	3,500	3,500
Macedonia	22,000	22,000	22,000	1.36	1.36	1.36	30,000	30,000	30,000
Poland	18,568	19,040	19,100	1.96	2.19	2.34	36,400	41,650	44,700
Romania	11,500	11,560	12,000	1.20	1.21	1.23	13,850	13,980	14,750
Sebia/Montenegro	8,500	5,300	6,000	1.03	1.15	1.17	8,769	6,100	7,000
Total	127,514	146,511	148,600	1.35	1.44	1.47	171,891	211,512	217,956
FSU-12: [3]									
Azerbaijan	4,500	4,500	4,500	2.22	2.33	2.33	10,000	10,500	10,500
Armenia	4,304	4,304	4,304	0.26	0.26	0.26	1,100	1,100	1,100
Byelarus	1,076	1,076	1,076	2.42	2.42	2.42	2,606	2,606	2,606
Georgia	5,380	5,380	5,400	1.64	1.64	1.63	8,800	8,800	8,800
Kyrgyzstan	12,000	12,000	12,000	2.50	2.50	2.50	30,000	30,000	30,000
Kazakhstan	1,500	1,900	5,500	1.12	2.01	1.82	1,680	3,820	10,000
Moldova	20,000	17,216	18,600	1.30	2.08	2.05	26,087	35,833	38,150
Russia	817	700	650	0.71	0.91	0.92	580	640	600
Tajikistan	3,228	3,228	3,228	3.28	3.28	2.48	10,593	10,593	8,000
Turkmenistan	1,076	1,076	1,100	2.39	2.39	2.36	2,570	2,570	2,600
Ukranine	4,500	5,600	5,000	0.76	0.80	0.84	3,400	4,500	4,200
Uzbekistan	8,000	8,500	10,496	3.09	2.74	2.37	24,700	23,300	24,900
Total	66,381	65,480	71,854	1.84	2.05	1.97	122,116	134,262	141,456
North Africa:									
Algeria	2,700	2,700	2,700	1.96	1.96	1.96	5,300	5,300	5,300
Libya	900	900	900	1.61	1.61	1.61	1,450	1,450	1,450
Morocco	3,500	3,500	3,500	1.13	1.13	1.13	3,962	3,962	3,962
Tunisia	6,700	6,700	6,700	1.15	1.18	1.18	7,700	7,900	7,900
Total	13,800	13,800	13,800	1.33	1.35	1.35	18,412	18,612	18,612

See footnotes at end of table.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1996–98—Continued

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Hectares	*Hectares*	*Hectares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Other Africa:									
Angola	3,950	3,950	3,950	0.99	0.99	0.99	3,900	3,900	3,900
Burundi	705	705	705	1.00	1.00	1.00	705	705	705
Chad	200	200	200	1.00	1.00	1.00	200	200	200
Congo	4,000	4,000	4,000	0.45	0.45	0.45	1,800	1,800	1,800
Zaire	3,700	3,700	3,700	1.11	1.11	1.11	4,110	4,110	4,110
Cameroon	3,400	3,400	3,400	1.62	1.62	1.62	5,500	5,500	5,500
Central African Rep.	750	750	750	0.87	0.87	0.87	650	650	650
Benin	200	200	200	2.00	2.00	2.00	400	400	400
Ethiopia	3,000	3,000	3,000	1.17	1.17	1.17	3,500	3,500	3,500
Ghana	3,950	3,950	3,950	0.38	0.38	0.38	1,500	1,500	1,500
Cote d'Ivoire	10,000	10,000	10,000	0.26	0.26	0.26	2,600	2,600	2,600
Kenya	13,487	8,805	8,805	1.64	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	113,823	122,300	116,700	1.25	1.30	1.22	142,262	158,615	142,300
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	2.30	2.10	23,000	23,000	21,000
Reunion	200	200	200	1.00	1.00	1.00	200	200	200
Zimbabwe	86,789	99,293	103,110	2.39	1.93	2.06	207,767	192,107	212,050
South Africa	14,717	14,905	15,500	1.58	1.95	2.00	23,250	29,000	31,000
Sierra Leone	540	540	540	1.11	1.11	1.11	600	600	600
Somalia	0	0	0	0.00	0.00	0.00	0	0	0
Togo	4,000	4,000	4,000	0.50	0.50	0.50	2,000	2,000	2,000
Tanzania	33,900	33,900	33,900	0.74	0.74	0.74	25,080	25,080	25,080
Uganda	7,525	7,525	7,525	0.96	0.96	0.96	7,198	7,198	7,198
Swaziland	200	200	200	1.00	1.00	1.00	200	200	200
Zambia	4,882	4,882	4,882	1.29	1.29	1.29	6,300	6,300	6,300
Total	335,183	351,670	350,482	1.48	1.43	1.44	495,797	502,240	505,868
Other Asia:									
Bangladesh	50,271	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
Sri Lanka	12,165	12,165	12,165	0.74	0.74	0.74	9,000	9,000	9,000
China	1,758,000	1,880,000	1,445,000	1.75	1.80	1.75	3,076,000	3,390,000	2,524,500
Indonesia	215,700	217,500	206,625	0.82	0.85	0.85	177,000	184,300	175,631
India	398,140	420,200	445,000	1.41	1.48	1.43	562,750	623,700	635,000
Japan	26,057	25,662	26,214	2.53	2.67	2.56	66,031	68,504	67,100
Korea, North	20,000	20,000	20,000	1.25	1.25	1.25	25,000	25,000	25,000
Korea, South	29,900	27,181	25,730	2.04	2.00	2.02	61,010	54,388	52,040
Laos	4,000	4,000	4,000	0.75	0.75	0.75	3,000	3,000	3,000
Malaysia	11,438	11,297	11,000	1.09	1.06	1.05	12,485	11,965	11,505
Pakistan	45,787	45,862	47,300	1.76	1.88	1.91	80,760	86,279	90,450
Philippines	37,640	29,397	37,568	1.70	2.07	1.80	64,070	60,900	67,500
Thailand	44,300	47,000	51,500	1.48	1.47	1.33	65,500	69,250	68,600
Taiwan	4,165	4,061	4,394	2.74	2.53	2.50	11,410	10,280	10,990
Vietnam	36,000	36,000	36,000	0.89	0.89	0.89	32,000	32,000	32,000
Total	2,738,563	2,875,588	2,467,759	1.58	1.64	1.57	4,339,016	4,721,566	3,865,316
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	1.27	1.29	2,668	2,668	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	14,505	15,000	15,000	1.19	1.15	1.15	17,208	17,208	17,200
United Arab Emirates	350	350	350	5.71	5.71	5.71	2,000	2,000	2,000
Turkey	236,326	323,000	293,300	0.97	0.92	0.91	229,400	296,000	266,500
Yemen	3,300	3,300	3,300	1.73	1.73	1.73	5,720	5,720	5,720
Total	282,292	369,461	339,761	1.03	0.97	0.97	291,417	358,017	328,541
Oceania:									
Australia	3,300	3,200	3,300	2.76	2.88	2.73	9,100	9,200	9,000
Solomon Islands	100	100	100	0.95	0.95	0.95	95	95	95
New Zealand	600	600	600	2.58	2.58	2.58	1,550	1,550	1,550
Total	4,000	3,900	4,000	2.69	2.78	2.66	10,745	10,845	10,645
World Total	4,544,056	4,893,814	4,453,873	1.53	1.59	1.50	6,962,473	7,769,543	6,676,850

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

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

Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1988–97 (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:									
1988	366,400	2,219	813,212	1,512,573	2,325,785	[3] 884,685	362,825	521,860	161.3
1989	390,700	2,069	808,350	1,423,988	2,232,338	954,243	387,543	566,700	167.4
1990	416,900	2,253	939,234	1,307,845	2,247,079	1,012,404	403,405	608,999	167.3
1991	402,600	2,265	911,887	1,215,641	2,127,528	874,642	403,371	471,271	172.3
1992	401,500	2,257	906,025	1,223,499	2,129,524	929,066	420,375	508,691	172.6
1993	400,100	2,217	886,908	1,195,581	2,082,489	792,670	358,938	433,732	168.1
1994	359,500	2,420	869,900	1,294,986	2,164,886	915,605	345,474	530,131	169.8
1995	386,200	1,933	746,616	1,186,786	2,164,886	875,133	344,500	530,633	179.2
1996	422,200	2,151	908,345	1,166,427	2,063,727	947,219	391,200	556,019	183.4
1997	458,300	2,285	1,047,438	1,116,508	2,130,008	876,848	391,200	556,019	172.0
Total fire-cured, types 21–23:									
1988	13,540	2,271	30,744	85,651	116,395	34,075	19,171	14,904	213.8
1989	15,100	1,915	28,923	82,320	111,243	35,644	17,806	17,838	195.1
1990	15,440	2,265	34,978	75,599	110,577	39,204	17,875	21,329	192.4
1991	16,020	2,053	32,887	71,373	104,260	38,170	18,407	19,763	206.8
1992	15,960	2,305	36,789	66,090	102,879	34,491	16,303	18,188	213.4
1993	16,650	2,457	40,917	68,388	109,305	36,424	18,740	17,684	217.2
1994	18,080	2,673	48,331	72,881	121,212	37,217	16,100	21,117	206.9
1995 [4]	16,880	2,322	39,190	83,995	123,185	19,230	22,243	23,687	215.0
1996 [4]	16,580	2,668	44,228	83,990	128,218	42,493	18,668	23,825	223.0
1997 [4]	16,550	2,55	42,262	85,704	127,996	70,784	17,367	53,417	225.0
Virginia fire-cured, type 21:									
1988	2,300	1,270	2,920	6,420	9,340	2,870	2,545	325	148.2
1989	2,000	1,240	2,480	6,470	8,950	3,596	3,000	596	153.7
1990	2,100	1,315	2,762	5,354	8,116	3,481	2,858	623	160.2
1991	2,500	1,425	3,563	4,635	8,198	3,742	3,000	742	152.6
1992	1,700	1,510	2,567	4,456	7,023	2,650	864	1,786	161.5
1993	1,200	1,560	1,872	4,373	6,245	3,024	2,324	700	171.9
1994	1,350	1,780	2,403	3,221	5,624	2,082	1,400	682	161.2
1995 [4]	1,100	1,400	1,540	3,542	5,082	2,246	1,808	438	162.5
1996 [4]	1,100	1,580	1,738	3,796	5,534	3,140	2,000	1,140	179.0
1997 [4]	1,200	1,640	1,968	2,373	4,341	1,934	866	1,068	213.0
Kentucky and Tennessee fire-cured, types 22–23:									
1988	11,240	2,475	27,824	79,231	107,055	31,205	16,626	14,579	220.7
1989	13,100	2,019	26,443	75,850	102,293	32,048	14,806	17,242	199.0
1990	13,340	2,415	32,216	70,245	102,461	35,723	15,017	20,706	195.2
1991	13,520	2,169	29,324	66,738	96,062	34,428	15,407	19,021	213.4
1992	14,260	2,400	34,222	61,634	95,856	31,841	15,439	16,402	217.3
1993	15,450	2,527	39,045	64,015	103,060	33,400	16,416	16,984	219.4
1994	16,730	2,745	45,928	69,660	115,588	35,135	14,700	20,435	209.2
1995 [4]	15,780	2,386	37,650	80,453	118,103	16,984	20,435	23,249	217.2
1996 [4]	15,480	2,745	42,490	80,194	122,684	39,353	16,668	22,685	224.0
1997 [4]	15,350	2,625	40,294	83,331	123,625	68,850	16,501	52,349	225.6
Burley, type 31:									
1988	226,300	2,109	477,208	1,073,302	1,550,510	[3] 578,307	163,965	414,342	161.0
1989	244,350	1,975	482,568	963,095	1,445,663	614,412	168,706	445,706	167.2
1990	271,200	2,205	597,927	846,983	1,444,910	673,856	199,000	474,856	175.3
1991	312,000	2,110	658,181	765,327	1,423,508	615,633	208,480	407,153	178.8
1992	332,700	2,163	719,552	806,694	1,526,246	567,828	182,960	384,868	181.5
1993	299,700	2,115	633,838	938,866	1,572,704	551,610	152,165	399,445	181.6
1994	266,300	2,300	612,398	1,013,856	1,626,254	624,049	159,082	464,967	184.1
1995 [4]	234,200	1,863	436,343	958,807	1,395,150	549,717	164,776	384,941	184.5
1996 [4]	268,300	1,940	520,483	890,390	1,406,731	655,740	209,446	446,294	192.0
1997 [4]	315,300	2,059	649,103	750,991	1,379,191	547,585	168,395	379,190	189.0
Maryland, type 32:									
1988	12,500	1,476	18,445	41,191	59,636	26,523	5,123	21,400	150.8
1989	12,500	1,426	17,825	33,113	50,938	26,468	3,821	22,647	162.4
1990	10,700	1,525	16,316	21,948	38,264	23,506	6,679	16,827	181.6
1991	12,400	1,607	19,920	14,545	34,465	21,429	4,963	16,466	160.2
1992	13,500	1,390	18,771	13,046	31,817	21,465	7,581	13,884	147.0
1993	12,700	1,526	19,380	10,542	29,928	17,317	5,475	11,842	143.0
1994	12,100	1,634	19,770	12,103	31,873	17,666	5,042	12,624	147.0
1995 [4]	11,900	1,507	17,935	14,207	32,142	16,162	6,580	9,582	157.0
1996 [4]	11,400	1,451	16,545	12,572	29,117	12,572	6,000	6,572	186.0
1997 [4]	11,200	1,629	18,240	13,700	31,940	13,700	8,000	5,700	159.0

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, 1988–97 (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:									
1988	3,390	2,218	7,519	39,219	46,738	12,108	1,950	10,158	162.2
1989	3,540	1,845	6,532	37,217	43,749	13,220	2,107	11,122	169.5
1990	3,480	2,197	7,647	30,519	38,166	12,079	1,158	10,921	185.8
1991	4,410	2,018	8,900	26,087	34,987	11,016	1,639	9,377	183.3
1992	4,740	2,202	10,436	23,971	34,407	10,021	1,340	8,681	169.0
1993	4,890	2,296	11,227	24,386	35,613	10,769	2,186	8,583	171.3
1994	4,690	2,515	11,797	24,844	36,641	(5)	(5)	(5)	168.3
1995 [4]	4,180	2,050	8,567	27,280	35,880	11,181	1,266	9,178	176.2
1996 [4]	3,850	2,250	8,662	25,424	34,093	10,200	500	9,700	195.2
1997 [4]	3,810	2,182	8,315	23,833	32,141	11,100	50	11,050	201.7
One Sucker, type 35:									
1988	2,330	2,243	5,226	25,345	30,571	7,400	1,800	7,400	171.8
1989	2,450	1,828	4,478	43,000	13,100	11,100	2,000	11,100	175.5
1990	2,500	2,208	5,520	37,400	11,900	10,800	1,100	10,800	189.1
1991	3,110	2,032	6,320	34,200	10,600	9,000	1,600	9,000	187.8
1992	3,290	2,129	7,004	33,900	9,700	8,400	1,300	8,400	171.5
1993	3,340	2,323	7,759	35,300	10,600	8,500	2,100	8,500	174.8
1994	3,220	2,416	7,781	36,373	9,093	7,339	1,754	7,339	166.0
1995	2,810	2,049	5,758	27,280	35,768	11,181	1,266	9,078	177.1
1996	3,580	2,300	5,934	25,424	33,974	10,100	500	9,600	194.0
1997	2,530	2,235	5,655	23,833	32,029	11,000	50	10,950	201.0
Green River, type 36:									
1988	3,300	2,254	7,400	45,800	9,200	7,400	1,800	7,400	162.8
1989	1,000	1,950	1,950	43,000	13,100	11,100	2,000	11,100	157.6
1990	900	2,250	2,025	37,400	11,900	10,800	1,100	10,800	178.7
1991	1,200	2,020	2,424	34,200	10,600	9,000	1,600	9,000	174.1
1992	1,350	2,450	3,308	33,900	9,700	8,400	1,300	8,400	164.8
1993	1,450	2,320	3,364	35,300	10,600	8,500	2,100	8,500	163.8
1994	1,400	2,780	3,892	36,373	9,093	7,339	1,754	7,339	173.6
1995	1,300	2,100	2,730	27,280	35,768	11,181	1,266	9,078	174.5
1996	1,200	2,180	2,616	25,424	33,974	10,100	500	9,600	197.9
1997	1,100	2,310	2,541	23,833	32,029	11,000	50	10,950	203.4
One Sucker, Green River type 35-36:									
1988	3,300	2,254	7,400	45,800	9,200	7,400	1,800	7,400	162.8
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	4,480	8,550	25,424	33,974	10,100	500	9,600	195.2
1997 [4]	3,730	4,545	8,196	23,833	32,029	11,000	50	10,950	201.7
Virginia sun-cured, type 37:									
1988	110	1,155	127	829	956	306	126	180	123.9
1989	90	1,155	104	650	754	118	90	28	135.1
1990	80	1,275	102	636	738	124	58	66	145.6
1991	100	1,560	156	614	770	356	25	331	143.4
1992	100	1,240	124	414	538	329	46	283	138.0
1993	100	1,040	104	209	313	199	53	146	152.1
1994	70	1,770	124	114	238	(5)	(5)	(5)	147.6
1995 [4]	70	1,125	79	(5)	112	100	(5)	100	153.0
1996 [4]	70	1,600	112	(5)	119	100	(5)	100	178.2
1997 [4]	80	1,490	119	(5)	112	100	(5)	100	190.8
Total continental cigar filler, types 41–44:									
1988	6,020	1,948	11,728	30,870	42,598	14,185	22	14,163	102.0
1989	5,500	1,950	10,725	28,415	39,140	15,494	0	15,494	127.0
1990	6,400	2,050	13,120	23,646	36,766	13,671	0	13,671	139.0
1991	6,700	2,050	13,735	23,095	36,830	12,208	0	12,208	143.0
1992	7,000	2,000	14,000	24,622	38,622	13,150	0	13,150	115.0
1993	5,800	2,100	12,180	25,472	37,652	15,163	0	15,163	95.0
1994	5,400	2,100	11,340	23,959	35,299	14,832	0	14,832	100.0
1995 [4]	4,500	2,050	9,225	20,502	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
Pennsylvania seedleaf filler, type 41:									
1988	6,000	1,950	11,700	25,060	36,760	12,412	22	12,390	104.0
1989	5,500	1,950	10,725	24,348	35,073	12,124	0	12,124	127.0
1990	6,400	2,050	13,120	22,949	36,069	13,017	0	13,017	139.0
1991	6,700	2,050	13,735	23,052	36,830	12,182	0	12,182	143.0
1992	7,000	2,000	14,000	24,605	38,605	13,143	0	13,143	115.0
1993	5,800	2,100	12,180	25,462	37,642	15,153	0	15,153	95.0
1994	5,400	2,100	11,340	23,959	35,299	14,832	0	14,832	100.0
1995	4,500	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	(5)	12,700	155.0
1997 [2]	4,900	2,200	10,780	13,199	22,859	9,541	(5)	13,500	160.0

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, 1988–97 (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:									
1988	20	1,400	28	5,810	5,838	1,773	.....	1,773	104.0
1989	0	0	0	4,067	4,067	3,370	.....	3,370	NA
1990	0	0	0	697	697	654	.....	654	NA
1991	0	0	0	43	43	26	.....	26	NA
1992	0	0	0	0	0	7	.....	7	NA
1993	0	0	0	0	0	.....	.....	.....	.....
1994	0	0	0	0	0	.....	.....	.....	NA
1995 [4]	0	0	0	0	0	.....	.....	.....	NA
1996 [4]	0	0	0	0	0	.....	.....	.....	NA
1997 [4]	0	0	0	0	0	.....	.....	.....	NA
Puerto Rican filler, type 46: [6]									
1988	200	1,000	200	4,189	4,389	971	.....	971	73.1
1989	200	1,000	200	3,418	3,618	147	.....	147	NA
1990	*	NA	*	3,371	3,371	801	.....	801	NA
1991	*	NA	*	2,570	2,570	513	.....	513	NA
1992	*	NA	*	2,057	2,057	871	.....	871	NA
1993	*	NA	*	1,186	1,186	1,090	.....	1,090	NA
1994	*	NA	*	96	96	61	61	.....	NA
1995 [4]	*	NA	*	35	35	25	25	.....	.....
1996 [4]	*	*	*	*	*	*	*	*	*
1997 [4]	*	*	*	*	*	*	*	*	*
Total cigar binder, types 51–55:									
1988	4,400	1,940	8,536	42,333	50,869	16,503	123	16,380	133.6
1989	6,230	2,007	12,504	34,540	47,044	16,173	43	16,130	153.0
1990	7,560	1,919	14,506	31,014	45,520	17,294	5	17,289	158.0
1991	8,100	2,052	16,624	28,603	45,227	14,185	46	14,139	164.1
1992	8,020	1,818	14,584	30,134	44,718	11,692	0	11,692	162.1
1993	5,405	1,520	8,337	32,763	41,100	12,052	0	12,052	175.1
1994	3,805	2,017	7,674	29,524	37,198	12,911	*	12,886	181.1
1995 [4]	4,000	2,165	8,661	25,931	34,592	11,257	*	11,257	213.8
1996 [4]	4,500	1,792	8,063	23,317	31,380	12,398	200	12,398	321.4
1997 [4]	4,590	2,032	9,327	18,982	28,309	10,655	400	9,722	378
Connecticut Valley binder, types 51–52:									
1988	950	1,716	1,630	6,227	7,857	2,952	123	2,829	170.0
1989	730	1,721	1,256	4,905	6,161	2,272	43	2,229	180.0
1990	660	1,758	1,160	3,889	5,049	2,574	5	2,569	250.0
1991	800	1,791	1,433	2,475	3,908	2,205	46	2,159	260.0
1992	820	1,810	1,484	1,648	3,132	1,214	0	1,214	280.0
1993	885	1,914	1,694	1,918	3,612	1,910	0	1,910	300.0
1994	955	1,893	1,808	1,577	3,385	1,900	0	1,900	306.0
1995 [4]	1,240	1,969	2,441	1,381	3,822	2,245	0	2,245	389.0
1996 [4]	1,630	1,780	2,901	1,577	4,478	3,298	0	3,298	628.0
1997 [4]	2,010	1,783	3,637	1,180	4,751	2,932	0	3,932	741.0
Wisconsin binder, types 54–55:									
1988	3,450	2,002	6,906	36,106	43,012	13,551	0	13,551	125.0
1989	5,500	2,045	11,248	29,635	40,883	13,901	0	13,901	150.0
1990	6,900	1,934	13,346	27,125	40,471	14,720	0	14,720	150.0
1991	7,300	2,081	15,191	26,128	41,319	11,980	0	11,980	155.0
1992	7,200	1,819	13,100	28,486	41,586	10,478	0	10,478	148.6
1993	4,600	1,444	6,643	30,845	37,488	10,142	0	10,142	143.2
1994	2,850	2,058	5,866	27,947	33,813	9,250	0	9,250	145.0
1995 [4]	2,760	2,254	6,220	24,550	30,770	9,030	0	9,030	145.0
1996 [4]	2,870	1,799	5,162	21,740	26,902	9,100	200	8,900	149.0
1997 [4]	2,550	2,232	5,690	17,802	23,492	7,290	400	6,890	151.0
Southern Wisconsin, type 54:									
1988	2,400	2,090	5,016	.....	.....	.....	.....	.....	125.0
1989	3,500	2,185	7,648	.....	.....	.....	.....	.....	150.0
1990	4,100	2,275	9,328	.....	.....	.....	.....	.....	150.0
1991	4,100	2,390	9,799	.....	.....	.....	.....	.....	155.0
1992	4,000	2,115	8,460	.....	.....	.....	.....	.....	153.0
1993	2,800	1,675	4,690	.....	.....	.....	.....	.....	145.0
1994	1,900	2,200	4,180	.....	.....	.....	.....	.....	145.0
1995 [4]	1,900	2,370	4,513	.....	.....	.....	.....	.....	145.0
1996 [4]	1,900	1,900	3,610	.....	.....	.....	.....	.....	148.0
1997 [4]	1,800	2,330	4,194	.....	.....	.....	.....	.....	150.0

See footnotes at end of table.

Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1988–97 (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:									
1988	1,050	1,800	1,890	...	...	...	...	...	125.0
1989	2,000	1,800	3,600	...	...	...	...	...	150.0
1990	2,800	1,435	4,018	...	...	...	...	...	150.0
1991	3,200	1,685	5,392	...	...	...	...	...	155.0
1992	3,200	1,450	4,640	...	...	...	...	...	141.0
1993	1,800	1,085	1,953	...	...	...	...	...	139.0
1994	950	1,775	1,686	...	...	...	...	...	148.0
1995 [4]	860	1,975	1,707	...	...	...	...	...	145.0
1996 [4]	970	1,600	1,552	...	...	...	...	...	150.0
1997 [4]	750	1,995	1,496	...	...	...	...	...	120.0
Total cigar wrapper, types 61:									
1988	1,380	1,528	2,108	1,752	3,860	2,114	2,000	114	2,120.0
1989	1,480	1,543	2,283	1,749	4,032	2,037	1,900	137	2,170.0
1990	1,630	1,627	2,652	2,095	4,747	2,750	2,550	200	2,100.0
1991	1,450	1,537	2,228	1,997	4,225	2,983	2,700	283	1,800.0
1992	1,000	1,514	1,514	1,242	2,756	1,253	1,000	253	1,700.0
1993	1,080	1,460	1,577	1,503	3,041	1,151	990	161	1,700.0
1994	1,190	1,400	1,666	2,00	3,700	1,610	1,410	200	1,780.0
1995 [4]	1,250	1,580	1,975	2,090	3,792	1,536	1,400	136	[5]
1996 [4]	1,430	1,473	2,106	2,256	4,362	2,410	2,200	409	[5]
1997 [4]	1,680	1,431	2,404	1,952	4,058	2,011	1,800	210	[5]
Total tobacco, types 11–72: [7]									
1988	634,030	2,160	1,369,500	2,826,891	4,196,391	1,569,471	555,179	1,014,292	164.6
1989	678,200	2,016	1,367,188	2,604,282	3,971,470	1,677,847	581,926	1,095,921	170.8
1990	733,310	2,218	1,626,380	2,343,020	3,969,400	1,795,565	630,672	1,164,893	173.8
1991	763,760	2,179	1,664,372	2,149,238	3,813,610	1,590,779	639,606	951,173	177.3
1992	784,720	2,195	1,721,671	2,191,355	3,913,026	1,589,837	629,559	960,278	177.7
1993	746,405	2,163	1,614,364	2,298,687	3,913,051	1,436,000	538,000	898,000	175.3
1994	671,065	2,359	1,582,896	2,474,172	4,056,935	1,603,640	523,090	1,079,751	177.4
1995 [4]	663,125	1,913	1,268,538	2,319,687	3,741,931	1,516,160	982,613	533,547	182.0
1996 [4]	732,660	2,072	1,518,704	2,225,771	3,727,935	1,697,233	1,068,919	628,314	188.2
1997 [4]	836,230	2,137	1,787,399	2,030,702	3,761,706	1,511,468	981,056	530,412	180.3

[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.

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, 1993–97 (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:				
1993	1,603,070	1,371,013	1,195,581	1,573,820
1994	1,703,251	1,482,915	1,294,986	1,644,314
1995	1,671,854	1,368,502	1,186,768	1,646,849
1996	1,428,805	1,270,270	1,166,427	1,577,041
1997	1,342,946	1,146,482	988,750	1,281,224
Virginia fire-cured, type 21:				
1993	4,801	6,294	5,543	4,373
1994	4,354	4,851	3,990	3,221
1995	3,891	4,373	4,086	3,542
1996	3,956	3,762	3,413	3,468
1997	2,163	2,490	2,088	1,861
Kentucky and Tennessee fire-cured, types 22–23:				
1993	53,437	76,464	72,792	64,015
1994	56,074	75,848	76,916	69,660
1995	56,917	82,415	88,915	80,453
1996	69,394	87,768	88,074	80,194
1997	71,517	84,901	79,886	76,997
Burley, type 31:				
1993	1,038,036	1,147,494	1,023,091	938,866
1994	1,106,475	1,327,302	1,123,430	1,013,856
1995	1,224,876	1,264,000	1,102,503	958,807
1996	1,172,933	1,149,204	1,009,308	890,390
1997	281,518	879,561	770,727	646,096
Maryland, type 32:				
1993	9,393	11,051	11,719	10,542
1994	11,308	17,847	15,098	12,136
1995	9,740	20,401	17,207	14,207
1996	14,443	21,385	17,929	15,980
1997	1,642	17,054	17,371	15,549
One Sucker and Green River, types 35–36:				
1993	24,605	27,742	25,843	24,177
1994	25,922	30,073	28,347	24,730
1995[3]	26,318	29,633	29,369	27,280
1996	26,463	30,161	28,011	25,424
1997	21,651	48,192	22,268	20,307
Virginia sun-cured, type 37:				
1993	386	429	332	209
1994	202	715	122	114
1995	139	173	119	107
1996	116	83	77	48
1997	24	2,239	34	17
Pennsylvania seedleaf, type 41:				
1993	22,116	26,970	27,564	25,462
1994	22,333	26,744	26,303	23,959
1995	22,127	24,058	22,682	20,467
1996	17,659	21,496	19,975	17,939
1997	15,777	20,582	13,765	12,245
Miami Valley (Ohio) filler, types 42–44:				
1993	0	17	14	10
1994	8	5	3	0
1995	0	0	0	0
1996	0	0	0	0
1997	0	0	0	0
Puerto Rican filler, type 46:[2]				
1993	1,642	1,335	1,148	1,186
1994	578	287	114	96
1995	55	48	43	35
1996	17	17	11	10
1997	1	0	0	0
Connecticut Valley, types 51–52:				
1993	2,114	2,252	3,016	1,918
1994	2,344	2,795	2,156	1,577
1995	2,427	2,455	2,170	1,381
1996	2,303	2,384	2,277	1,577
1997	1,455	1,769	1,437	853
Wisconsin binder, types 54–55:				
1993	25,387	34,266	33,735	30,845
1994	28,203	32,694	30,080	27,947
1995	25,681	28,560	26,340	24,550
1996	21,704	25,819	23,840	21,740
1997	15,495	22,052	18,613	16,997
Cigar Wrapper, type 61:				
1993	2,155	2,061	1,503	1,188
1994	2,144	1,988	1,890	1,296
1995	2,083	2,177	2,090	1,546
1996	2,440	2,363	2,256	1,642
1997	2,184	2,144	1,590	1,157
Georgia and Florida shade-grown, type 62:				
1993	0	0	0	0
1994	0	0	0	0
1995	0	0	0	0
1996	0	0	0	0
1997	0	0	0	0
Perique, type 72:				
1993	37	33	45	46
1994	16	35	45	21
1995	38	38	47	27
1996	21	20	18	16
1997	24	23	22	45
Other miscellaneous domestic, type 73:				
1993	1,673	1,120	821	1,205
1994	739	1,169	1,344	2,627
1995	3,065	2,099	2,193	2,270
1996	2,445	2,451	2,330	2,289
1997	2,681	2,398	2,852	1,915
Foreign-grown cigar-leaf, types 81–89:				
1993	75,890	76,129	81,322	78,642
1994	79,017	76,834	74,445	77,990
1995	70,519	76,017	78,570	76,464
1996	80,906	82,913	91,212	80,110
1997	67,235	75,227	82,116	90,514
Foreign-grown cigarette and smoking, types 91–99:				
1993	875,520	904,718	979,311	982,689
1994	933,621	920,661	949,424	923,272
1995	1,014,859	1,030,228	967,811	947,395
1996	1,058,697	1,128,258	1,024,179	1,032,422
1997	940,670	899,623	1,032,102	1,014,738

[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, 1988–97

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*
1988 ...	1,979.6	1,176.3	2.18	694,515.4	.....	8,919	1,381	65,506
1989 ...	1,980.2	1,161.6	1.78	677,199.6	.....	8,341	1,258	64,906
1990 ...	1,896.7	1,253.4	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]	2,323.6	1,476.1	0.00	765,324.2	2,562	911	977	53,663
	Taxable removals and domestic invoices [3]							
1988 ...	2,428.3	1,160.4	0.32	543,378.6	.....	8,517	1,342	64,832
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
	Tax-free removals and exports							
1988 ...	78.0	3.2	0	132,952.4	.....	185	0	76
1989 ...	76.1	1.9	0	147,494.8	.....	181	0	77
1990 ...	73.9	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

See footnotes at end of table.

Table 2-49.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1988–97—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*
1988 ..	12,731	94	3,835	48,637	141,403
1989 ..	12,675	126	4,155	49,687	141,148
1990 ..	12,220	65	4,146	46,304	135,651
1991 ..	11,272	37	4,398	54,358	142,305
1992 ..	10,085	84	4,741	57,449	140,919
1993 ..	8,990	37	4,646	59,106	137,232
1994 ..	8,077	50	5,268	59,491	135,372
1995 ..	7,614	93	4,536	60,202	135,026
1996 ..	6,939	90	4,954	61,539	134,592
1997 [2]	6,770	72	4,555	64,336	133,846
	Taxable removals and domestic invoices [3]				
1988 ..	12,506	111	3,760	47,809	138,877
1989 ..	12,052	122	3,948	49,131	138,179
1990 ..	11,232	72	3,957	44,466	130,412
1991 ..	10,146	37	4,532	53,438	139,453
1992 ..	9,491	62	4,527	55,555	137,377
1993 ..	8,526	38	4,731	56,729	133,812
1994 ..	7,380	44	5,128	58,567	132,950
1995 ..	7,032	100	4,686	59,339	133,459
1996 ..	6,469	88	4,790	61,390	132,726
1997 [2]	5,999	70	4,746	62,481	130,109
	Tax-free removals and exports				
1988 ..	566	0	0	917	1,744
1989 ..	589	0	0	797	1,644
1990 ..	488	0	0	960	1,663
1991 ..	536	0	0	979	1,653
1992 ..	553	0	0	715	1,444
1993 ..	413	0	0	769	1,328
1994 ..	513	0	0	798	1,464
1995 ..	524	0	0	821	1,552
1996 ..	429	0	0	292	926
1997 [2]	532	0	0	862	1,576

[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, 1988–97 [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*
1988	563	973	3,096	2.5	41	14	96	0.53	1,110	6.11
1989	540	912	2,926	2.5	41	14	94	0.51	1,047	5.67
1990	525	909	2,817	2.4	39	13	93	0.5	1,041	5.58
1991	510	905	2,713	2.3	38	12	94	0.5	1,037	5.52
1992	500	891	2,640	2.2	36	12	93	0.49	1,020	5.39
1993	485	864	2,539	2.1	34	11	90	0.47	988	5.13
1994	486	816	2,527	2.3	41	12	92	0.47	948	4.93
1995 [5]	487	818	2,505	2.6	44	26	91	0.47	953	4.91
1996 [5]	487	808	2,482	3.1	52	31	90	0.46	960	4.70
1997 [5]	480	838	2,423	3.5	60	35	88	0.45	1,004	4.50

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

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5311. 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, 1988–97

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*
1988	694.5	562.5	128.7	118.5	1,980	2,531	78	87
1989	677.2	540	149.1	141.8	2,010	2,511	80	37
1990	709.7	525	178.8	164.3	1,896	2,345	74	72
1991	694.5	510	193.7	179.2	1,740	2,246	73	70
1992	718.5	500	213	205.6	1,741	2,219	78	76
1993	661	485	202	195.5	1,795	2,138	68	67
1994	725.5	486	231.6	220.2	1,942	2,337	78	75
1995 [5]	746.5	487	250.9	231.1	2,058	2,568	85	78
1996 [5]	754.5	487	261.0	243.9	2,413	3,054	98	84
1997 [5]	719.6	480	232.0	217.0	2,424	3,517	110	136

[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, 1995–97

Type and country of origin	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cigarette leaf:			
Turkey	33,555	66,808	66,047
Brazil	17,594	49,459	48,749
Argentina	8,649	13,208	21,819
Thailand	6,210	15,300	20,701
Malawi	23,581	13,074	13,808
Greece	6,506	6,258	11,480
Zimbabwe	1,363	13,951	10,610
Italy	4,336	5,670	7,442
Indonesia	1,539	7,281	6,322
Other countries	63,548	47,853	46,250
Total	166,881	238,862	253,228
Cigar wrapper:			
Dominican Rep.	59	210	434
Ecuador	92	329	421
Indonesia	116	229	236
Mexico	25	80	233
Other countries	140	175	144
Total	432	1,023	1,468
Scrap:			
Turkey	1,746	6,060	10,460
Macedonia	598	531	961
Greece	148	239	378
Dominican Republic	620	155	373
Albania	618	1,008	348
Syria	183	186	318
Other countries	2,969	1,232	1,291
Total	6,882	9,411	14,129
Stems:			
Brazil	11,364	32,874	15,157
Agentina	583	7,985	4,887
Malawi	0	1,921	1,258
Mexico	0	4,350	1,101
Zimbabwe	2	0	564
Other countries	4,147	5,958	2,438
Total	16,096	53,088	25,405
Grand total [2]	190,291	302,384	294,230

[1] Preliminary. [2] Includes unstemmed and stemmed cigar filler.
FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. Compiled from U.S. Bureau of the Census records.

Table 2-54.—Tobacco, unmanufactured: International trade, 1995–97

Continent and country	1995		1996		1997	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North America:						
Canada	19,000	10,000	21,800	10,400	25,780	10,147
Mexico	7,080	3,000	11,587	2,000	15,308	4,000
United States	209,482	199,088	222,316	326,454	221,512	306,838
Total North America	235,562	212,088	255,703	338,854	262,600	320,985
Central America:						
Belize	0	50	0	55	0	55
Costa Rica	0	78	0	78	0	78
El Salvador	358	404	358	404	358	404
Guatemala	5,127	0	9,571	43	11,303	50
Honduras	4,686	175	4,686	175	4,686	175
Nicaragua	160	400	160	400	160	400
Panama	1,500	325	1,300	200	1,300	200
Total Central America	11,831	1,432	16,075	1,355	17,807	1,362
Carribean:						
Barbados	0	150	0	155	0	155
Bahamas, The	0	60	0	65	0	65
Cuba	4,000	300	5,000	300	5,000	300
Dominican Republic	13,541	360	15,913	380	17,600	390
Grenada	0	20	0	20	0	20
Haiti	0	1,000	0	1,000	0	1,000
Jamaica & Dep	250	450	200	450	200	450
Netherlands Antilles	0	4	0	4	0	0
St. Lucia	20	60	20	60	20	60
Trinidad and Tobago	0	800	0	800	0	800
St. Vincent and Gren.	68	18	70	20	70	30
Total Carribean	17,879	3,222	21,203	3,254	22,890	3,270

See footnotes at end of table.

Table 2-54.—Tobacco, unmanufactured: International trade, 1995–97 —Continued

Continent and country	1995		1996		1997	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
South America:						
Argentina	43,400	6,200	55,800	6,000	65,200	5,700
Bolivia	0	250	0	250	0	0
Brazil	256,300	15,900	282,500	17,300	319,000	18,900
Chile	4,560	1,430	4,069	1,330	2,780	1,289
Colombia	14,000	475	14,000	475	14,000	475
Ecuador	250	800	250	800	250	250
French Guiana	0	8	0	10	0	0
Guyana	0	150	0	160	0	0
Surinam	0	500	0	550	0	0
Paraguay	7,050	720	7,050	720	7,050	750
Peru	108	750	108	750	108	750
Uruguay	228	2,700	228	2,700	228	2,700
Venezuela	1,030	4,763	0	4,220	0	7,980
Total South America	326,926	34,646	364,005	35,265	408,616	38,794
European Union:						
Austria	500	12,100	100	12,900	400	16,250
Belgium-Luxembourg	21,684	42,305	18,429	55,626	32,685	53,852
Denmark	1,545	15,564	2,010	16,669	2,246	16,438
Ireland	0	5,500	0	5,800	0	0
Finland	698	3,911	658	5,867	623	6,956
France	9,963	33,402	11,182	29,778	11,527	22,563
Germany	42,762	209,761	72,848	235,855	85,315	22,080
Greece	133,000	15,000	130,250	17,000	110,000	21,000
Italy	118,839	31,675	138,829	27,952	98,984	34,473
Netherlands	6,388	89,075	11,517	97,368	9,470	105,358
Portugal	2,400	7,128	2,000	7,800	2,000	7,800
Spain	24,722	48,342	27,622	52,784	22,913	55,586
Sweden	3,186	6,775	313	6,432	914	3,514
United Kingdom	9,522	141,467	10,489	166,027	15,515	15,768
Total European Union	375,209	662,005	426,247	737,858	392,592	381,638
Western Europe:						
Iceland	0	10	0	10	0	10
Malta & Gozo	150	1,000	150	1,000	150	1,000
Norway	294	3,989	495	4,221	569	1,000
Switzerland	10,791	37,033	8,365	41,839	9,000	41,839
Total Western Europe	11,235	42,032	9,010	47,070	9,719	43,849
Eastern Europe:						
Albania	10,000	0	10,000	0	10,000	0
Bulgaria	30,262	9,856	22,775	37,200	21,044	14,800
Czechoslovakia	0	18,400	0	0	0	0
Czech Republic	200	17,600	250	17,750	250	17,750
Croatia	2,791	2,575	3,434	1,583	4,100	1,800
Hungary	1,000	16,805	1,200	19,000	1,000	19,000
Poland	581	44,549	2,278	42,049	2,863	27,656
Romania	7	7,730	0	7,950	0	11,800
Slovakia	0	0	700	2,000	800	2,000
Macedonia	.....	0	23,000	0	23,000	0
Serbia/Montenegro	900	5,500	1,700	7,000	200	7,000
Total Eastern Europe	45,741	123,015	65,337	134,532	63,257	101,806
Former Soviet Union:						
Azerbaijan, Republic of	11,822	0	7,500	0	7,000	0
Armenia, Republic of	0	2,671	0	2,671	0	2,671
Byelarus, Republic of	0	8,000	0	8,000	0	8,000
Estonia	0	2,000	0	2,000	0	2,000
Georgia, Republic of	1,000	0	1,500	0	1,500	1,500
Kyrgyzstan, Republic of	17,000	1,200	23,500	1,200	23,000	1,200
Kazakhstan, Republic of	0	0	400	4,900	400	4,900
Latvia	0	2,000	0	2,000	0	0
Lithuania	0	4,000	0	4,000	0	4,000
Moldova, Republic of	25,559	1,772	20,879	2,368	22,000	2,400
Russian Federation	2,260	148,110	1,750	148,000	1,760	148,000
Tajikistan, Republic of	2,500	0	2,700	0	2,800	0
Turkmenistan	0	4,000	0	4,000	0	4,000
Ukraine	0	48,000	0	50,000	0	47,000
Uzbekistan, Rep.	17,400	0	12,430	1,867	11,900	1,870
Total former Soviet Union	77,541	221,753	70,659	231,006	70,360	227,541
Middle East:						
Bahrain	0	170	0	175	0	175
Cyprus	20	1,400	20	1,400	0	1,400
Israel	0	4,400	0	4,700	0	4,700
Jordan	200	2,500	900	2,500	500	2,500
Kuwait	15	60	15	65	15	65
Lebanon	2,200	0	2,000	0	2,000	0
Oman	700	100	700	100	700	100
Qatar	0	2	0	2	0	0
Saudi Arabia	0	1,600	0	1,620	0	1,620
Syria	5,000	0	2,439	0	9,646	0
Turkey	136,392	26,000	170,098	36,484	160,860	45,000
Yemen	0	6,000	0	6,000	0	6,000
Total Middle East	144,527	42,232	176,172	53,046	173,721	61,560

See footnotes at end of table.

Table 2-54.—Tobacco, unmanufactured: International trade, 1995–97—Continued

Continent and country	1995		1996		1997	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North Africa:						
Algeria	0	19,500	0	18,000	0	18,000
Egypt	0	53,296	0	21,165	0	29,174
Libya	0	2,000	0	2,000	0	2,000
Morocco	0	8,930	0	8,000	0	8,000
Sudan	0	500	0	500	0	500
Tunisia	790	5,200	500	5,000	0	5,500
Total North Africa	790	89,426	500	54,665	0	63,174
Other Africa:						
Angola	0	1,500	0	1,500	0	1,500
Botswana	0	200	0	200	0	200
Congo	0	1,197	0	1,200	0	1,200
Zaire	0	1,000	0	1,000	0	1,000
Cameroon	1,500	2,500	1,500	2,400	1,500	2,400
Comoros	0	4	0	4	0	4
Central African Rep.	370	300	370	300	370	300
Cape Verde	0	85	0	90	0	90
Djibouti Afars-Issas	0	80	0	85	0	85
Benin	0	450	0	475	0	475
Ethiopia	0	350	0	400	0	400
Gambia	0	350	0	360	0	360
Gabon	0	200	0	210	0	210
Ghana	0	250	0	275	0	275
Guinea	0	110	0	115	0	115
Cote d'Ivoire	0	3,100	0	3,000	0	3,000
Kenya	2,600	100	3,916	0	11,100	0
Liberia	0	300	0	310	0	310
Madagascar	500	1,000	500	1,000	500	1,000
Malawi	99,057	0	95,555	0	111,449	0
Mali	0	200	0	200	0	200
Mauritius	0	70	0	70	0	70
Mauritania	0	800	0	820	0	800
Mozambique	0	100	0	100	0	100
Niger	0	100	0	100	0	100
Nigeria	23	2,372	0	2,300	0	2,300
Guinea-Bissau	0	100	0	100	0	100
Reunion	160	200	160	200	160	200
Zimbabwe	174,289	45	195,958	45	159,941	60
Rwanda	0	600	0	620	0	600
Seychelles	0	80	0	85	0	85
South Africa	7,573	14,353	6,770	20,799	12,140	14,794
Senegal	0	4,000	0	4,100	0	4,000
Sierra Leone	100	525	100	525	100	525
Togo	0	50	0	50	0	50
Tanzania	14,337	0	12,000	0	14,000	0
Uganda	4,106	0	4,000	0	3,900	0
Burkina	0	1,000	0	1,100	0	1,000
Swaziland	40	15	0	0	0	0
Zambia	1,917	17	1,800	20	2,000	20
Total Other Africa	306,572	37,703	322,629	44,158	317,160	37,928
Asia:						
Afghanistan	0	6	0	6	0	6
Bangladesh	2,500	1,000	2,500	1,100	2,500	1,100
Sri Lanka	500	250	500	250	500	250
China	68,413	8,554	69,656	13,705	77,796	14,834
Hong Kong	1,524	22,252	6,128	18,479	8,023	24,468
Indonesia	18,039	47,635	16,376	43,504	18,300	48,900
India	77,680	420	117,460	326	133,700	350
Japan	579	115,072	486	85,634	6,203	90,469
Korea, North	3,000	0	3,000	0	3,000	0
Korea, South	532	12,371	8,021	15,745	2,642	12,927
Macau	0	60	0	60	0	60
Malaysia	43	9,564	0	11,694	0	20,475
Nepal	0	8,000	0	8,000	0	8,000
Pakistan	417	3	913	4	2,500	4
Philippines	11,019	26,233	14,064	13,560	14,030	22,951
Singapore	7,367	21,767	4,814	20,337	7,519	23,739
Thailand	20,865	9,526	29,778	9,945	26,215	9,976
Taiwan	2,016	9,649	242	10,288	942	9,717
Total Asia	214,494	292,362	273,938	252,637	303,870	288,226
Oceania:						
Australia	451	15,211	502	15,594	1,000	14,259
Solomon Islands	0	150	0	150	0	150
Fiji	0	180	0	180	0	180
New Zealand	25	3,100	0	3,000	0	3,000
Papua New Guinea	40	1,000	0	1,000	0	1,000
Total Oceania	516	19,641	502	19,924	1,000	18,589
World Total	1,768,823	1,781,557	2,001,980	1,953,624	2,043,592	1,588,722

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

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

Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1995–76

Type and country of destination	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
Total Leaf: [2]			
Japan	48,480	40,245	36,516
Germany	32,061	27,330	32,768
Turkey	9,982	15,943	19,123
Belgium/Luxembourg	8,132	18,200	17,713
Netherlands	17,782	18,320	13,683
Thailand	8,607	7,234	9,793
Malaysia	5,046	6,659	8,867
Italy	6,703	7,921	8,280
United Kingdom	6,458	15,615	8,260
Spain	5,336	8,205	7,247
Korea, South	5,990	6,565	7,085
Denmark	6,605	6,834	7,031
Taiwan	5,353	4,205	5,415
Switzerland	6,538	6,756	5,175
Dominican Republic	1,919	2,684	4,275
Philippines	2,484	2,894	3,465
France	1,771	1,466	3,188
Sweden	1,343	1,694	2,382
Hong Kong	4,739	2,427	2,133
Australia	2,162	2,552	1,920
Indonesia	1,612	3,064	1,893
Singapore	3,705	3,399	1,721
Canada	384	1,400	1,646
Venezuela	0	497	1,277
Nigeria	1,846	1,073	1,145
Norway	752	1,252	1,130
Israel	819	473	752
Jamaica & Dep	254	289	566
Czech Republic	298	342	558
Pakistan	326	403	432
New Zealand	396	792	300
Bangladesh	315	228	288
Cyprus	79	218	178
Egypt	2,739	345	170
Austria	239	452	105
Ireland	1,186	220	88
Brazil	21	346	25
Yugoslavia	0	336	0
Jordan	0	332	0
South Africa	23	265	0
Poland	1,327	459	0
Other countries	5,670	2,382	4,919
Total	209,482	222,316	221,512
Flue-cured:			
Japan	30,542	22,940	23,731
Germany	20,318	15,489	18,761
United Kingdom	5,274	9,726	6,142
Turkey	6,583	8,338	10,112
Belgium/Luxembourg	4,968	7,551	7,319
Korea, South	5,918	6,552	6,541
Netherlands	8,912	5,451	4,389
Malaysia	3,425	5,059	5,563
Taiwan	4,979	4,116	5,053
Italy	4,579	3,785	3,803
Denmark	3,258	3,221	3,509
Thailand	4,274	3,032	5,198
Indonesia	1,302	2,254	1,586
Singapore	2,046	1,934	1,042
Australia	1,540	1,900	1,362
Switzerland	1,776	1,741	1,916
Spain	1,167	1,524	1,726
Hong Kong	2,979	1,490	1,408
Philippines	666	1,135	1,157
Sweden	425	849	396
Norway	422	745	769
New Zealand	316	617	211
Canada	61	449	386
Austria	139	417	40
Pakistan	326	403	432
France	679	296	1,174
South Africa	0	238	0
Cyprus	79	218	178
Ireland	1,156	212	61
Bangladesh	248	208	269
Greece	153	203	469
Bulgaria	301	175	79
Others	4,231	527	1,678
Total	123,042	112,795	116,458
Burley:			
Germany	9,566	9,705	10,489
Japan	10,075	8,395	6,702
Netherlands	4,936	7,242	5,300
Thailand	4,333	4,201	4,323
Belgium/Luxembourg	2,077	3,937	6,037
Italy	1,649	3,141	2,805
Turkey	753	2,351	7,471
Spain	1,207	1,652	1,334
Denmark	1,389	1,623	1,589
Philippines	1,805	1,549	2,305
Malaysia	1,066	1,512	2,618
Singapore	1,426	1,366	607
Switzerland	1,151	1,017	1,561
United Kingdom	301	952	143
Hong Kong	1,263	858	644
France	623	612	961
Canada	7	513	737
Poland	1,327	459	0
Israel	131	227	295
Indonesia	169	203	86
Australia	171	165	96
Croatia	0	118	0
Taiwan	0	71	0
Surinam	79	70	0
Peru	129	68	28
Sweden	369	38	278
Costa Rica	36	35	18
Panama	0	27	0
Norway	41	23	22
Finland	166	21	11
Dominican Republic	0	19	0
India	0	18	8
Others	885	13	335
Total	47,130	52,201	56,803
Dark-fired Kentucky and Tennessee:			
Netherlands	1,707	2,420	3,345
Sweden	412	503	537
France	238	484	504
Nigeria	529	259	369
Italy	75	214	353
Switzerland	196	247	228
Belgium/Luxembourg	116	215	146
Germany	36	1	141
Denmark	154	53	109
Austria	0	19	61
Turkey	0	0	38
Indonesia	33	60	36
Norway	233	465	16
Iceland	22	23	0
Malta & Gozo	0	7	0
Japan	0	5	0
Russian Federation	0	3	0
Singapore	0	1	0
Egypt	75	309	0
Taiwan	375	0	0
Other countries	208	0	878
Total	4,409	5,287	6,761

See footnotes at end of table.

Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1995–97—Continued

Type and country of destination	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
VA Fire and Sun-Cured:			
United Kingdom	257	291	0
Sweden	45	155	131
Dominican Rep.	0	27	0
Norway	34	19	307
Germany	0	5	0
Turkey	0	0	0
Switzerland	0	0	0
Netherlands	0	0	0
Spain	16	0	0
Other countries	291	0	0
Total	643	497	447
Maryland:			
Germany	443	764	746
Indonesia	56	435	112
Switzerland	491	390	308
Italy	200	290	719
Israel	180	150	194
Nigeria	0	49	0
Austria	33	16	0
Korea, South	0	10	0
Others	239	1	0
Total	1,642	2,105	2,418
Blackfat:			
Nigeria	1,246	702	388
Turkey	0	253	0
French Guiana	0	11	12
Leeward-Windwrd. Is	5	8	8
Argentina	1	0	0
Benin	113	0	91
Others	1	0	0
Total	1,366	973	500
Cigar Wrapper:			
Dominican Republic	1,721	2,570	3,772
Jamaica & Dep.	196	231	425
Turkey	169	115	0
Chile	35	114	132
Honduras	915	59	297
Nigeria	0	42	0
Nicaragua	.....	41	232
Netherlands Ant.	1	31	2
Switzerland	4	25	24
Costa Rica	0	19	37
Canada	32	18	47
Others	425	98	191
Total	3,498	3,363	5,159

Type and country of destination	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
Stems Refuse:			
Japan	7,842	8,881	6,068
Belgium-Lux.	514	6,223	4,204
Germany	1,394	1,287	2,624
Denmark	1,789	1,937	1,804
United Kingdom	115	2,115	1,367
Venezuela	0	493	1,266
Switzerland	2,918	3,335	1,111
Sweden	91	146	1,038
Turkey	1,459	3,229	641
Italy	86	230	579
Czech Republic	0	342	558
Netherlands	1,085	3,126	533
Australia	434	473	441
Spain	124	204	202
Canada	0	174	152
Russian Fed.	154	130	99
New Zealand	63	157	76
Indonesia	49	104	73
Singapore	232	98	52
Jordan	0	332	0
Hungary	0	194	0
Yugoslavia	0	336	0
Others	1,053	428	2,169
Total	19,402	33,974	25,057
Other unmanufactured, Tobacco:			
Spain	2,822	4,820	3,968
Dominican Rep.	166	1,344	2,000
Turkey	1,019	1,656	860
United Kingdom	506	2,516	609
South Africa	23	28	424
Cananda	264	246	371
Malaysia	504	88	357
Honduras	73	133	236
Belguim-Lux.	151	265	115
Netherlands	1,134	79	101
Lebanon	0	32	85
Sri Lanka	0	42	73
Italy	113	261	22
Netherlands Ant.	2	26	18
Japan	20	23	16
Brazil	0	343	14
Germany	51	77	5
United Arab Em.	731	78	1
Egypt	277	36	0
Philippines	0	204	0
Others	494	478	895
Total	8,350	11,121	10,170

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

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

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, 1989–98

Year	Harvested area of all cotton	Cottonseed				
		Production	Total sales to oil mills	Other [1]	Marketing year average price	Value of production
	1,000 acres	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars*	*1,000 dollars*
1989	9,537.7	4,677.4	3,365.4	1,312.0	105.00	492,683
1990	11,731.6	5,968.5	4,311.2	1,657.3	121.00	722,313
1991	12,959.5	6,925.5	4,667.2	2,258.3	71.00	492,261
1992	11,123.3	6,230.1	3,920.2	2,309.9	97.50	608,438
1993	12,783.3	6,343.2	3,927.4	2,415.8	113.00	714,389
1994	13,322.3	7,603.9	5,012.2	2,591.7	101.00	771,315
1995	16,006.7	6,848.7	4,439.1	2,409.6	106.00	731,005
1996	12,888.1	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 [2]	10,722.5	5,181.6	NA	NA	129.00	661,876

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

NASS, Crops Branch, (202) 720–2127.

Table 3-2.—Cottonseed: Production, farm disposition, and marketing year average price per ton received by farmers, by States, 1996–98

State	Production			Total sales to oil mills			Other [3]			Price per ton for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [1]
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars*	*Dollars*	*Dollars*
AL	273.0	196.0	196.0	95.0	87.0	.....	178.0	109.0	.....	113.00	111.00	111.00
AZ	324.0	312.0	225.0	124.0	73.0	.....	200.0	239.0	.....	155.00	134.00	149.00
AR	635.0	632.0	471.0	596.0	528.0	.....	39.0	104.0	.....	116.00	106.00	121.00
CA	1,020.0	942.0	547.0	134.0	153.0	.....	886.0	789.0	.....	176.00	174.00	177.00
FL	46.0	45.0	25.0	26.0	31.0	.....	20.0	14.0	.....	109.00	120.00	110.00
GA	681.0	660.0	526.0	329.0	332.0	.....	352.0	328.0	.....	105.00	108.00	104.00
KS	1.4	3.1	4.6	1.4	3.1	.....	0.0	0.0	.....	113.00	106.00	116.00
LA	499.0	359.0	240.0	340.0	206.0	.....	159.0	153.0	.....	124.00	110.00	113.00
MS	735.0	704.0	567.0	681.0	660.0	.....	54.0	44.0	.....	119.00	106.00	116.00
MO	234.0	223.0	142.0	188.0	148.0	.....	46.0	75.0	.....	105.00	111.00	131.00
NM	38.1	40.5	37.0	6.8	2.3	.....	31.3	38.2	.....	165.00	134.00	149.00
NC	343.0	321.0	349.0	38.0	63.0	.....	305.0	258.0	.....	103.00	114.00	114.00
OK	56.0	72.0	59.0	52.0	56.0	.....	4.0	16.0	.....	113.00	106.00	116.00
SC	155.0	142.0	121.0	100.0	89.0	.....	55.0	53.0	.....	95.50	108.00	108.00
TN	262.0	260.0	215.0	212.0	208.0	.....	50.0	52.0	.....	118.00	115.00	131.00
TX	1,784.0	1,983.0	1,410.0	1,440.0	1,543.0	.....	344.0	440.0	.....	129.00	114.00	131.00
VA	57.0	40.0	47.0	0.0	0.0	.....	57.0	40.0	.....	104.00	102.00	111.00
US	7,143.5	6,934.6	5,181.6	4,363.2	4,182.4	.....	2,780.3	2,752.2	.....	126.00	121.00	129.00

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

NASS, Crops Branch, (202) 720–2127.

Table 3-3.—Cottonseed: Crushings, output of products and product prices, United States, 1988–97

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*
1988 ..	3,730	1,243	20.0	1,689	185.00	1993 ..	3,470	1,119	30.30	1,563	164.30
1989 ..	2,974	1,039	23.3	1,327	163.30	1994 ..	3,947	1,312	29.23	1,830	112.02
1990 ..	3,369	1,154	22.3	1,691	130.75	1995 ..	3,882	1,229	26.53	1,748	190.74
1991 ..	3,981	1,279	20.1	1,764	140.50	1996 ..	3,860	1,216	25.58	1,752	192.00
1992 ..	3,629	1,137	30.07	1,533	161.78	1997 ..	3,885	1,230	28.84	1,770	145.00

[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 3-4.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1988–97 [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*
1988	17.9	4.02	10.2	0.9	1.3	99.96	98.6	98.9	36,235
1989	18.0	3.96	9.9	0.7	1.5	100.51	98.9	99.6	24,301
1990	17.4	4.09	10.1	0.8	1.3	99.00	98.9	97.9	30,350
1991	18.0	3.92	10.2	0.8	1.6	100.45	98.6	99.1	32,978
1992	17.5	3.68	10.5	0.8	1.3	97.28	99.3	96.3	27,292
1993	17.7	3.85	9.7	0.6	1.5	98.53	98.3	97.4	21,867
1994	17.8	3.80	10.5	1.0	1.1	98.81	98.3	97.1	21,877
1995	17.8	3.98	9.8	0.6	1.1	99.80	99.4	99.1	14,169
1996	18.1	3.92	10.2	0.9	1.1	100.78	99.1	100.7	14,444
1997	17.7	3.93	10.7	0.7	0.9	99.39	99.3	98.7	9,711

[1] U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. [2] These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades. [3] The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, and ammonia. [4] The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter and free fatty acids. [5] The average grade is the product of the quantity index times the quality index. The base grade is 100.0. [6] Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.

AMS, Cotton Division, (901) 384–3016.

Table 3-5.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 1994/95–1996/97 (Marketing year October–September)

Continent and country of destination	Cottonseed oil [1]			Cottonseed cake and meal		
	1994/95	1995/96	1996/97 [2]	1994/95	1995/96	1996/97 [2]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North and Central America; incl. Caribbean:						
Canada	19,959	26,808	34,997	505	1,465	1,140
Dominican Republic	18	27	66	0	454	0
El Salvador	27,635	21,412	21,461	0	0	0
Guatemala	1,200	900	0	91	1,437	3,461
Mexico	3,248	1,495	7,206	62,290	53,061	57,557
Total [3]	59,229	56,738	65,563	62,886	56,418	62,158
South America:						
Venezuela	8	0	4	0	0	200
Total [3]	2,168	13,146	10,813	210	217	479
Europe:						
Austria	0	0	0	2,452	4,248	3,111
Belgium and Luxembourg	59	0	0	2,775	10,170	2,451
Denmark	0	5	0	129	0	0
France	0	0	0	28	40	131
Germany	0	108	226	3,815	9,004	4,574
Netherlands	700	1,998	2,199	0	1,365	0
United Kingdom	7,371	9,562	40	120	20	159
Total [3]	8,614	14,868	2,641	17,893	30,804	17,832
Africa:						
Egypt	0	0	0	0	0	0
Total [3]	0	4,336	0	1,067	1,000	40
Asia:						
Hong Kong	0	0	1,666	0	0	40
Israel	3,049	1,090	1,413	0	0	0
Japan	15,503	12,467	6,969	2,289	3,173	738
Korea, Rep. of	9,559	2,984	1,556	16,350	27,559	17,067
Total [3]	34,281	19,443	15,209	18,951	31,033	18,397
Oceania	59	296	36	0	223	0
Grand total [4]	104,351	108,826	94,262	101,007	119,695	98,906

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

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

Table 3-6.—Cottonseed: Area, yield, and production in specified countries, 1995/96–1997/98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	318	246	200	1.31	1.50	1.65	415	368	329
United States	6,478	5,208	5,370	0.96	1.24	1.17	6,213	6,481	6,291
Total [4]	6,835	5,485	5,601	0.97	1.25	1.19	6,663	6,870	6,639
South America:									
Argentina	960	880	800	0.78	0.64	0.63	744	560	500
Brazil	1,130	695	850	0.58	0.71	0.76	655	490	650
Colombia	112	86	54	1.25	1.21	1.30	140	104	70
Paraguay	310	105	200	0.60	0.64	0.60	185	67	120
Peru	109	109	85	0.84	0.91	0.54	92	99	46
Total [4]	2,731	1,969	2,091	0.70	0.71	0.70	1,901	1,390	1,455
European Union:									
Greece	440	420	388	1.52	1.13	1.53	670	475	594
Spain	31	76	108	1.45	1.51	1.52	45	115	164
Total [4]	472	497	497	1.52	1.19	1.53	716	591	759
Former Soviet Union: [5]									
Azerbaijan	210	180	200	0.79	0.75	0.38	165	135	75
Kazakhstan	110	110	90	1.21	0.94	1.22	133	103	110
Kyrgyzstan	33	40	25	1.21	1.00	1.40	40	40	35
Tajikistan	270	235	214	0.80	0.68	0.92	216	160	196
Turkmenistan	450	450	450	1.22	0.58	0.82	550	260	370
Uzbekistan	1500	1487	1483	1.47	1.35	1.55	2200	2014	2300
Total	2,573	2,502	2,462	1.28	1.08	1.25	3,304	2,712	3,086
Africa:									
Cameroon	159	191	170	1.16	1.08	1.03	184	206	175
Egypt	306	387	374	1.27	1.52	1.28	390	590	480
Mali	336	420	500	0.91	0.82	0.80	307	346	399
South Africa, Republic of	115	116	120	0.70	0.63	0.71	80	73	85
Sudan	220	280	265	1.13	0.82	0.79	249	230	210
Tanzania, United Republic of	364	280	280	0.40	0.43	0.41	147	121	114
Zimbabwe	264	313	270	0.69	0.51	0.59	182	160	160
Total [4]	3,705	4,138	4,366	0.72	0.73	0.72	2,675	3,022	3,127
Asia and the Middle East:									
China, Peoples Republic of	5,422	4,722	4,500	1.58	1.60	1.84	8,580	7,560	8,280
India	9,063	9,166	8,850	0.62	0.64	0.58	5,650	5,897	5,095
Iran	290	300	240	0.80	0.81	0.73	233	242	175
Israel	30	30	30	2.43	3.07	2.93	73	92	88
Pakistan	3,048	3,148	2,959	1.17	1.01	1.02	3,570	3,188	3,004
Syria	195	220	251	2.28	2.39	2.90	445	525	727
Turkey	757	743	710	1.68	1.58	1.53	1,275	1,175	1,085
Total [4]	19,251	18,764	17,930	1.04	1.01	1.04	20,073	18,930	18,669
Australia	301	396	438	1.98	2.13	2.16	595	842	944
World Total [6]	35,885	33,768	33,402	1.00	1.02	1.04	35,933	34,363	34,685

[1] Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. [2] Harvested area. [3] Preliminary. [4] Includes only countries shown. [5] Former Soviet Union; includes all 15 republics of the USSR. [6] Includes all countries in USDA data base.

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

Table 3-7.—Flaxseed: Area, yield, production, disposition, and value, United States, 1989–98

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*
1989	195	163	7.5	1,215	7.20	8,724
1990	260	253	15.1	3,812	5.27	20,108
1991	356	342	18.1	6,200	3.52	21,845
1992	171	165	19.9	3,288	4.12	13,543
1993	206	191	18.2	3,482	4.25	14,848
1994	178	171	17.1	2,922	4.63	13,590
1995	165	147	15.0	2,212	5.19	11,475
1996	96	92	17.4	1,602	6.37	10,197
1997	151	146	16.6	2,420	5.81	14,046
1998 [1]	336	329	20.4	6,708	5.10	34,082

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-8.—Flaxseed: Supply and disappearance, United States, 1988–97

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*
1988	2,325	1,615	6,730	10,670	158	764	8,500	8,658
1989	1,307	1,215	7,260	9,782	211	1,054	8,250	8,484
1990	244	3,812	6,715	10,771	288	549	8,800	9,251
1991	971	6,200	4,371	11,542	139	541	9,050	9,445
1992	1,556	3,288	6,035	10,879	167	230	8,600	9,104
1993	1,545	3,480	5,118	10,143	144	126	8,650	8,863
1994	1,155	2,922	6,005	10,082	134	72	8,550	8,840
1995	1,170	2,211	7,248	10,681	91	119	9,000	9,280
1996	1,230	1,601	8,390	11,222	123	144	10,000	10,625
1997	453	2,555	7,800	10,808	142	135	9,750	10,634

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

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

Table 3-9.—Flaxseed: Area, yield, and production, by States, 1996–98

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	4	6	30	4	6	27	15.0	16.0	16.0	60	96	432
ND	80	125	280	77	121	277	18.0	16.5	21.0	1,386	1,997	5,817
SD	10	15	15	9	14	14	14.0	18.0	21.0	126	252	294
Other States	2	5	11	2	5	11	15.0	15.0	15.0	30	75	165
US [1]	96	151	336	92	146	329	17.4	16.6	20.4	1,602	2,420	6,708

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

NASS, Crops Branch, (202) 720–2127.

Table 3-10.—Flaxseed: Marketing year average price and value of production, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
MN	6.40	5.85	4.70	384	562	2,030
ND	6.38	5.81	5.10	8,843	11,603	29,667
SD	6.22	5.68	4.80	784	1,431	1,411
Other States	6.20	6.00	5.90	186	450	974
US [2]	6.37	5.81	5.10	10,197	14,046	34,082

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

NASS, Crops Branch, (202) 720–2127.

Table 3-11.—Flaxseed: Support operations, United States, 1989–98

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*
1989/90	([4])	.....	.....	.....	.....
1990/91	([4])	.....	.....	.....	.....
1991/92	4.98	262.5	4.2	105.7	0
1992/93	4.98	83.9	2.6	31.4	0
1993/94	4.98	105.4	3.0	30.4	0
1994/95	4.87	185.7	6.3	39.3	0
1995/96	4.87	51.8	2.3	0.0	0
1996/97	5.07	39.3	2.5	0.0	0
1997/98	5.21	103.6	4.8	0.0	0
1998/99	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 3-12.—Flaxseed and linseed oil and meal: Average price Minneapolis, 1988–97

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*
1988	7.56	39.5	178.45	1993	4.25	31.8	139.55
1989	7.20	40.2	139.30	1994	4.63	33.7	91.96
1990	5.27	38.0	130.10	1995	5.25	36.5	133.60
1991	3.52	32.0	127.57	1996	6.21	36.0	169.75
1992	4.12	31.5	133.60	1997	5.75	37.8	131.40

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

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

Table 3-13.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1988–97

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*
1988	8,500	41	170	12	156	11	63
1989	8,250	48	165	12	153	9	23
1990	8,800	37	176	6	162	3	41
1991	9,050	40	182	12	167	0	40
1992	8,600	40	172	8	159	2	55
1993	8,650	54	174	3	160	2	49
1994	8,550	63	171	24	158	5	58
1995	9,000	45	180	23	167	4	56
1996	10,000	50	200	66	185	1	77
1997	10,500	35	210	58	194	1	73

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

Table 3-14.—Sunflowerseed, sunflowerseed oil, and sunflowerseed cake and meal: United States exports by country of destination 1994/95–1996/97 [1]

Continent and country of destination	Sunflowerseed			Sunflowerseed oil [2]			Sunflowerseed cake and meal		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [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	14,982	14,202	12,306	16,396	11,470	13,610	451	301	84
Mexico	5,861	6,648	26,219	102,542	120,435	157,239	1,734	2,941	2,375
Total [4]	20,921	20,909	38,630	125,449	143,210	187,224	2,185	3,242	2,474
South America:									
Venezuela	1	0	0	0	2,799	10	0	0	0
Total [4]	185	811	1,578	676	6,498	5,423	0	0	0
Europe:									
France	16,474	572	1,099	3	0	0	0	3,215	0
Germany	44,015	52,025	52,652	3	6	0	45	0	45
Netherlands	64,768	10,010	8,588	25,447	7,988	6,699	0	0	21
Spain	50,761	27,538	26,458	0	0	0	0	0	0
Total [4]	191,859	111,183	113,211	37,696	7,995	14,760	22,658	17,664	10,412
Former Soviet Union [5]	0	2,773	51	60	705	28	0	0	0
Africa:									
Algeria	0	0	0	67,935	52,932	87,507	0	0	0
Egypt	0	0	0	26,184	71,249	47,838	0	0	0
Total [4]	241	224	0	94,119	124,181	140,294	0	0	0
Asia:									
Japan	654	1,191	1,639	2,117	2,370	2,452	0	41	0
Korea, Rep. of	1,821	1,429	707	96	129	130	0	0	0
Turkey	3,907	2,457	16,384	9,409	0	2,000	0	0	0
Total [4]	9,668	11,896	35,087	22,681	38,679	21,830	0	41	39
Oceania	1,331	1,500	706	3,092	285	0	0	0	0
Grand total [6]	224,204	149,296	189,264	284,652	321,554	369,559	24,844	20,947	12,925

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

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

Table 3-15.—Peanuts: Area, yield, production, disposition, marketing year average price per pound received by farmers, and value, United States, 1989–98

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*
1989	1,665.2	1,644.7	2,426	3,989,995	28.0	1,118,875
1990	1,846.0	1,815.5	1,985	3,603,650	34.7	1,249,899
1991	2,039.2	2,015.7	2,444	4,926,570	28.3	1,392,041
1992	1,686.6	1,669.1	2,567	4,284,416	30.0	1,285,361
1993	1,733.5	1,689.8	2,008	3,392,415	30.4	1,030,904
1994	1,641.0	1,618.5	2,624	4,247,455	28.9	1,229,012
1995	1,537.5	1,517.0	2,282	3,461,475	29.3	1,013,323
1996	1,401.5	1,380.0	2,653	3,661,205	28.1	1,029,774
1997	1,434.0	1,413.8	2,503	3,539,380	28.3	1,002,703
1998 [2]	1,511.0	1,465.5	2,683	3,931,275	25.7	1,008,488

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

NASS, Crops Branch, (202) 720–2127.

Table 3-16.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1988–97

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*
1988	4,622	3,980,917	3,985,539	3,621,062
1989	51,248	3,989,995	4,041,243	3,889,374
1990	29,541	3,603,650	3,633,191	3,213,610
1991	41,559	4,926,570	4,968,129	4,478,126
1992	117,121	4,284,416	4,401,537	4,097,584
1993	61,252	3,392,415	3,453,667	3,147,078
1994	67,428	4,247,455	4,314,883	3,222,198
1995	48,574	3,461,475	3,510,049	2,558,954
1996	66,392	3,661,205	3,727,597	2,919,054
1997	22,714	3,537,050	3,559,764	2,899,138

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

NASS, Crops Branch, (202) 720–2127.

Table 3-17.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1988–97

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*
1988	612,200	21,352	250,498	1,870	11,312	12,095	348,662
1989	469,351	29,290	193,000	1,208	18,536	29,349	261,465
1990	517,712	10,970	213,112	10,000	25,000	14,702	299,820
1991	828,986	21,198	356,276	1,000	151,000	8,856	459,457
1992	669,942	15,572	285,904	460	59,338	9,804	377,301
1993	503,674	19,779	212,216	11,421	61,145	11,395	292,093
1994	738,221	4,272	314,189	3,773	96,866	13,405	415,394
1995	751,281	19,763	320,909	4,678	108,146	14,910	420,919
1996	520,413	26,992	220,877	14,445	20,625	7,212	294,590
1997	409,249	22,936	175,853	8,118	13,097	8,291	228,276

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

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

Table 3-18.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1988–97

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*
1988	46,029	240,619	650	287,298	105,746	132,289	0.54
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

[1] Not available.

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

Table 3-19.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1988–97

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*
1988	565,779	22,647	2,095,351	406,626	2,094	3,092,497	437,867	612,200
1989	513,679	44,397	2,319,780	374,859	1,477	3,254,192	577,807	469,351
1990	455,586	15,194	1,836,052	330,102	20,571	2,657,505	401,149	517,712
1991	386,155	65,950	2,538,397	616,170	27,000	3,633,672	630,000	828,986
1992	595,022	57,829	2,376,782	533,641	2,000	3,565,274	611,250	669,942
1993	871,207	43,760	1,748,734	425,710	1,420	3,090,831	352,500	503,674
1994	679,639	42,054	1,741,824	511,635	55,385	3,030,537	583,142	738,221
1995	752,814	58,188	1,253,451	491,818	108,303	2,664,574	564,021	751,281
1996	370,431	126,318	1,692,581	305,674	95,041	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

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

Table 3-20.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1988–97

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:						
1988	78,436	112,101	37,145	16,448	241,130	.....
1989	90,622	130,000	28,701	13,691	263,014	.....
1990	101,069	142,113	26,043	17,017	286,242	.....
1991	89,045	142,520	51,312	14,699	297,576	.....
1992	92,355	124,875	49,223	9,442	275,895	.....
1993	63,270	99,381	44,889	15,101	222,641	.....
1994	51,354	97,389	26,857	15,316	190,916	.....
1995	71,310	93,041	25,176	13,656	203,183	.....
1996	64,274	91,882	24,158	12,852	193,166	.....
1997	59,228	80,309	28,428	14,135	182,100	.....
Runner:						
1988	741,197	237,008	259,680	18,367	1,256,252	.....
1989	773,985	234,661	278,062	20,102	1,306,810	.....
1990	580,691	189,254	259,995	19,483	1,049,423	.....
1991	759,747	180,609	244,815	18,062	1,203,233	.....
1992	674,962	203,732	259,498	14,583	1,152,775	.....
1993	635,047	227,286	298,325	18,738	1,179,396	.....
1994	644,711	185,377	302,697	19,325	1,152,110	.....
1995	634,350	169,142	304,285	15,942	1,123,719	.....
1996	634,387	176,851	318,924	19,185	1,149,347	.....
1997	676,839	206,718	302,791	20,598	1,206,946	.....
Spanish:						
1988	43,668	32,372	30,082	1,163	107,285	.....
1989	32,711	28,150	23,395	2,889	87,145	.....
1990	60,624	23,841	19,286	1,388	105,189	.....
1991	37,575	23,132	31,490	1,412	93,609	.....
1992	30,593	24,168	19,603	956	75,320	.....
1993	28,689	22,200	19,204	2,462	72,555	.....
1994	13,758	18,782	20,076	2,213	54,829	.....
1995	22,416	14,906	21,202	2,417	60,941	.....
1996	28,870	21,369	17,764	1,788	69,791	.....
1997	24,163	19,581	19,798	738	64,580	.....
All types:						
1988	860,301	381,481	326,907	35,978	1,604,667	237,386
1989	897,318	392,811	330,158	36,682	1,656,969	242,056
1990	742,384	355,258	305,324	37,888	1,440,854	229,641
1991	886,367	346,255	327,617	34,173	1,594,418	253,566
1992	797,910	352,775	328,324	24,981	1,503,990	271,365
1993	727,006	348,867	362,418	36,301	1,474,592	224,485
1994	709,823	301,548	349,630	36,854	1,397,855	259,122
1995	728,076	277,089	350,663	32,015	1,387,843	228,593
1996	727,531	290,102	360,846	33,825	1,412,304	241,547
1997	760,230	306,908	351,017	35,471	1,453,626	253,115

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

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

Table 3-21.—Peanuts: Area, yield, and production, by States, 1996–98

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production[2]		
	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[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	192.0	194.0	197.0	191.0	193.0	196.0	2,355	1,930	2,100	449,805	372,490	411,600
FL	90.0	92.0	96.0	82.0	84.0	88.0	2,880	2,715	2,500	236,160	228,060	220,000
GA	535.0	520.0	535.0	533.0	519.0	530.0	2,690	2,570	2,900	1,433,770	1,333,830	1,537,000
NM	16.5	18.0	20.0	16.5	17.3	20.0	2,300	2,700	2,750	37,950	46,710	55,000
NC	125.0	124.0	125.0	125.0	123.0	125.0	2,940	2,680	3,200	367,500	329,640	400,000
OK	85.0	79.0	80.0	81.0	77.0	75.0	2,410	2,400	2,300	195,210	184,800	172,500
SC	11.0	11.0	12.0	10.5	10.5	11.5	3,100	2,900	2,150	32,550	30,450	24,725
TX	270.0	320.0	370.0	265.0	315.0	345.0	2,600	2,610	2,610	689,000	822,150	900,450
VA	77.0	76.0	76.0	76.0	75.0	75.0	2,885	2,550	2,800	219,260	191,250	210,000
US	1,401.5	1,434.0	1,511.0	1,380.0	1,413.8	1,465.5	2,653	2,503	2,683	3,661,205	3,539,380	3,931,275

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

NASS, Crops Branch, (202) 720–2127.

Table 3-22.—Peanuts: Marketing year average price, and value of production, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per pound			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	0.278	0.293	0.277	125,046	109,140	114,013
FL	0.281	0.280	0.247	66,361	63,857	54,340
GA	0.297	0.303	0.266	425,830	404,150	408,842
NM	0.305	0.300	0.235	11,575	14,013	12,925
NC	0.275	0.277	0.242	101,063	91,310	96,800
OK	0.300	0.293	0.309	58,563	54,146	53,303
SC	0.245	0.287	0.286	7,975	8,739	7,071
TX	0.248	0.243	0.232	170,872	199,782	208,904
VA	0.285	0.301	0.249	62,489	57,566	52,290
US	0.281	0.283	0.257	1,029,774	1,002,703	1,008,488

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-23.—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 3-24.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1988–97 [1]

Classification	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Southeastern area:	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Georgia, Alabama, and Florida:										
Shelled:.										
Runner Jumbo	63⅞	60	57¼	102⅜	68¾	63⅞	68⅛	67½	60¾	62
Runner Medium	60½	56½	55¾	96¼	64¾	60¼	62½	66	59½	60⅝
Runner U.S. Splits	52¼	55⅞	55	111⅝	63¾	59½	62¾	65½	57	57¾
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy	60¾	46½	45¾	69⅝	47¾	50¾	72¾	57¼	49¾	54⅛
Shelled Virginias:										
Extra large	83¾	63⅜	62⅛	95	68⅛	74¼	77⅛	68½	66½	69⅛
Medium	65	58⅝	60½	98⅝	64⅝	61¼	75½	67½	60¼	64⅝
No. 2 with 70% splits	46	51⅞	56⅛	91¾	59⅝	59¼	61¾	60½	55½	56⅜
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	57¾	59⅜	56½	103¼	64⅝	61⅝	62⅞	65½	60¼	60⅝
Spanish U.S. Splits	51⅝	56½	55⅛	108⅞	63½	61½	64⅞	66¼	58	58¼
New Mexico:										
Handpicked unshelled Valencias [2]	NA	NA	NA	NA	55½	58	65	61¼	62½	65⅞

[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 3-25.—Peanuts:[1] Area, yield, and production in specified countries and the world, 1995–96/1997–98

Continent and country	Area[2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98[3]	1995/96	1996/97	1997/98[3]	1995/96	1996/97	1997/98[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	65	80	80	1.26	1.40	1.50	82	112	120
United States	614	558	571	2.56	2.98	2.81	1,570	1,661	1,604
Total[4]	680	639	652	2.43	2.78	2.65	1,653	1,774	1,725
South America:									
Argentina	239	275	390	1.93	1.09	1.67	462	300	650
Brazil	80	89	90	1.93	1.55	1.67	154	138	150
Total[4]	384	423	541	1.80	1.18	1.60	690	501	866
Africa:									
Benin	128	104	105	0.80	0.81	0.76	103	84	80
Burkina	260	250	240	0.82	0.80	0.83	213	200	200
Burundi	12	12	15	0.83	0.83	1.00	10	10	15
Cameroon	350	420	420	0.29	0.41	0.41	100	171	172
Central African Republic	91	97	100	0.95	0.94	1.00	86	91	100
Chad	319	300	315	0.92	0.67	0.79	293	200	250
Gambia,The	78	64	75	0.96	0.72	0.85	75	46	64
Ghana	180	164	160	0.93	0.81	0.84	168	133	135
Guinea	145	136	136	0.91	1.02	0.99	132	139	135
Cote d'Ivoire	140	140	140	1.05	1.07	1.04	147	150	145
Mali	190	168	170	0.87	0.93	0.91	166	157	155
Niger	277	270	270	0.37	0.37	0.37	103	100	100
Nigeria	600	650	700	0.50	0.50	0.50	300	325	350
Senegal	880	920	788	0.94	0.70	0.70	827	646	550
South Africa, Republic of	135	95	59	1.43	1.47	1.64	193	140	97
Sudan	550	550	550	0.67	0.67	0.67	370	370	370
Uganda	192	195	200	0.75	0.64	0.70	144	125	140
Zaire	729	730	730	0.80	0.77	0.77	580	560	560
Zimbabwe	147	207	190	0.54	0.74	0.32	80	153	60
Total[4]	6,115	6,258	6,160	0.76	0.70	0.69	4,634	4,400	4,277
Asia:									
Burma	497	517	530	1.01	1.10	1.11	501	568	590
China, Peoples Republic of	3,809	3,616	3,722	2.68	2.80	2.59	10,200	10,140	9,648
India	7,800	7,814	8,100	0.95	1.15	0.99	7,400	9,024	8,000
Indonesia	690	630	660	1.53	1.56	1.52	1,055	985	1,000
Pakistan	102	105	105	1.11	1.10	1.10	113	115	115
Taiwan	35	35	35	2.26	2.26	2.14	79	79	75
Thailand	97	102	100	1.52	1.49	1.50	147	152	150
Turkey	29	34	34	2.41	2.35	2.35	70	80	80
Vietnam	260	260	260	1.28	1.31	1.31	334	340	340
Total[4]	13,397	13,184	13,618	1.49	1.63	1.47	19,973	21,542	20,056
World total[4]	20,662	20,600	21,069	1.31	1.38	1.29	27,142	28,439	27,142

[1] Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. [2] Harvested area as far as possible. [3] Preliminary. [4] Regional totals include other countries not shown. World total for all countries in USDA data base.

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

Table 3-26.—Soybeans: Area, yield, production, and value, United States, 1989–98

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*
1989	60,820	59,538	32.3	1,923,666	5.69	10,916,145
1990	57,795	56,512	34.1	1,925,947	5.74	11,042,010
1991	59,180	58,011	34.2	1,986,539	5.58	11,091,996
1992	59,180	58,233	37.6	2,190,354	5.56	12,167,564
1993	60,085	57,307	32.6	1,869,718	6.40	11,949,633
1994	61,620	60,809	41.4	2,514,869	5.48	13,756,328
1995	62,495	61,544	35.3	2,174,254	6.72	14,616,758
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	72,375	70,811	38.9	2,756,794	5.35	14,659,646

NASS, Crops Branch, (202) 720–2127.

Table 3-27.—Soybeans: Stocks on and off farms, United States, 1989–98

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*
1989	793,400	535,800	255,300	86,000	817,316	519,705	340,614	153,139
1990	754,000	555,500	336,500	118,400	929,963	634,619	387,022	210,642
1991	810,000	505,000	279,000	105,000	962,732	672,343	416,671	173,437
1992	876,100	576,900	319,800	124,970	959,885	638,667	363,613	167,314
1993	697,400	425,700	195,000	59,080	876,220	595,917	360,260	150,037
1994	985,800	635,300	348,800	105,130	1,116,156	734,898	443,072	229,684
1995	861,500	512,000	234,100	59,523	971,929	678,356	388,701	123,935
1996	935,100	514,000	216,000	43,600	889,984	541,754	283,890	88,233
1997	1,048,000	637,000	318,000	84,300	951,417	565,922	275,654	115,499
1998 [3]	1,187,000	NA	NA	NA	999,756	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 3-28.—Soybeans: Supply and disappearance, United States, 1988–97

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*
1988	105,050	197,426	302,476	1,548,841	1,854,909
1989	87,320	94,709	182,029	1,923,666	2,108,189
1990	86,000	153,139	239,139	1,925,947	2,168,578
1991	118,400	210,642	329,042	1,986,539	2,319,025
1992	105,000	173,437	278,437	2,190,354	2,470,846
1993	124,970	167,314	292,284	1,869,718	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 [2]	43,600	88,233	131,833	2,688,750	2,825,589

Year beginning September	Disappearance			
	Crushed [3]	Seed, feed and residual	Exports	Total
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1988	1,057,668	88,711	526,501	1,672,880
1989	1,146,434	99,732	622,886	1,869,050
1990	1,187,287	94,943	557,315	1,839,536
1991	1,253,537	103,106	683,943	2,040,588
1992	1,278,953	130,035	769,573	2,178,562
1993	1,275,648	95,589	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 [2]	1,596,983	158,447	870,361	2,625,790

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

Table 3-29.—Soybeans, soybean meal, and oil: Average price atspecified markets, 1988–97

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*
1988	7.35	20.95	252.40	1993	6.52	27.00	192.86
1989	5.79	22.18	186.48	1994	5.65	27.71	162.60
1990	5.73	20.80	181.38	1995	7.08	24.76	236.00
1991	5.69	18.94	189.21	1996	6.94	21.60	270.90
1992	5.89	21.40	193.75	1997	6.99	25.08	185.54

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

Table 3-30.—Soybeans: Area, yield, and production, by States, 1996–98

State	Area planted			Soybeans for beans								
				Area harvested			Yield per harvested acre			Production		
	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[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	320	350	340	305	340	320	34.0	25.0	22.0	10,370	8,500	7,040
AR	3,550	3,650	3,550	3,500	3,600	3,400	32.0	30.5	25.0	112,000	109,800	85,000
DE	220	230	220	217	225	216	35.0	29.0	33.0	7,595	6,525	7,128
FL	35	47	35	33	45	30	32.0	25.0	23.0	1,056	1,125	690
GA	400	400	300	390	380	220	26.0	21.0	21.0	10,140	7,980	4,620
IL	9,900	10,000	10,700	9,850	9,950	10,650	40.5	43.0	44.0	398,925	427,850	468,600
IN	5,400	5,350	5,700	5,360	5,300	5,600	38.0	43.5	42.0	203,680	230,550	235,200
IA	9,500	10,500	10,500	9,450	10,400	10,450	44.0	46.0	48.0	415,800	478,400	501,600
KS	2,050	2,400	2,550	2,000	2,350	2,500	37.0	37.0	30.0	74,000	86,950	75,000
KY	1,200	1,240	1,220	1,180	1,220	1,200	38.0	34.5	30.0	44,840	42,090	36,000
LA	1,100	1,400	1,200	1,080	1,350	1,070	33.0	29.0	21.0	35,640	39,150	22,470
MD	490	530	470	480	520	460	37.0	30.0	31.0	17,760	15,600	14,260
MI	1,650	1,870	1,900	1,640	1,860	1,890	28.5	38.5	39.0	46,740	71,610	73,710
MN	6,000	6,600	6,900	5,900	6,550	6,800	38.0	39.0	42.0	224,200	255,450	285,600
MS	1,800	2,100	2,050	1,750	2,070	2,000	31.0	31.0	24.0	54,250	64,170	48,000
MO	4,100	4,900	5,100	4,050	4,850	5,000	37.0	36.0	34.0	149,850	174,600	170,000
NE	3,050	3,600	3,800	3,010	3,550	3,750	45.0	40.5	44.0	135,450	143,775	165,000
NJ	120	133	115	119	130	113	37.0	31.0	28.0	4,403	4,030	3,164
NY[2]	.....	.....	100	.....	.....	97	.....	.....	41.0	.....	.....	3,977
NC	1,250	1,400	1,475	1,200	1,330	1,415	29.0	29.0	27.0	34,800	38,570	38,205
ND	850	1,150	1,550	845	1,140	1,525	29.0	29.5	32.0	24,505	33,630	48,800
OH	4,500	4,350	4,400	4,490	4,340	4,390	35.0	44.0	44.0	157,150	190,960	193,160
OK	300	340	470	285	330	340	26.0	30.0	18.0	7,410	9,900	6,120
PA	290	375	400	285	370	395	40.0	37.0	40.0	11,400	13,690	15,800
SC	560	580	540	540	570	500	25.0	22.5	21.0	13,500	12,825	10,500
SD	2,700	3,300	3,450	2,670	3,250	3,420	34.0	35.0	39.0	90,780	113,750	133,380
TN	1,150	1,240	1,250	1,100	1,200	1,210	35.0	34.0	29.0	38,500	40,800	35,090
TX	290	420	440	270	400	270	26.0	28.0	22.0	7,020	11,200	5,940
VA	500	510	500	480	490	480	34.0	23.0	23.0	16,320	11,270	11,040
WI	920	1,040	1,150	870	1,000	1,100	37.0	44.0	47.0	32,190	44,000	51,700
US	64,195	70,005	72,375	63,349	69,110	70,811	37.6	38.9	38.9	2,380,274	2,688,750	2,756,794

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

NASS, Crops Branch, (202) 720092127.

Table 3-31.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1988–97

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*
1988	296,196	279,116	252,570	224,028	1,051,910	2,092	11,737	1,661	153	24,943	5,442
1989	304,217	301,797	280,536	278,498	1,165,048	1,715	13,004	1,353	173	27,719	5,319
1990	314,756	297,929	280,071	301,328	1,194,084	1,305	13,408	780	318	28,325	5,469
1991	333,345	319,952	296,757	305,850	1,255,904	1,786	14,345	1,648	285	29,831	6,945
1992	343,196	331,987	312,342	288,639	1,276,164	2,239	13,778	1,419	230	30,364	6,232
1993	342,257	327,307	305,734	307,371	1,282,668	1,555	13,951	1,529	204	30,514	5,356
1994	368,631	371,891	339,189	325,301	1,405,011	1,103	15,613	2,680	150	33,269	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[1]	438,067	437,108	375,309	359,565	1,610,049	1,520	18,143	3,077	210	38,171	9,330

[1] Preliminary.

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

Table 3-32.—Soybeans for beans: Marketing year average price and value of production, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per bushel			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	7.40	6.65	5.50	76,738	56,525	38,720
AR	7.36	6.88	5.70	824,320	755,424	484,500
DE	7.20	7.00	5.70	54,684	45,675	40,630
FL	7.00	7.00	5.40	7,392	7,875	3,726
GA	6.87	6.68	5.35	69,662	53,306	24,717
IL	7.55	6.56	5.45	3,011,884	2,806,696	2,553,870
IN	7.34	6.59	5.35	1,495,011	1,519,325	1,258,320
IA	7.36	6.33	5.30	3,060,288	3,028,272	2,658,480
KS	7.17	6.42	5.35	530,580	558,219	401,250
KY	7.43	6.76	5.60	333,161	284,528	201,600
LA	7.45	6.98	5.80	265,518	273,267	130,326
MD	7.15	6.90	5.65	126,984	107,640	80,569
MI	7.15	6.47	5.25	334,191	463,317	386,978
MN	7.26	6.20	5.10	1,627,692	1,583,790	1,456,560
MS	7.34	6.90	6.05	398,195	442,773	290,400
MO	7.29	6.39	5.30	1,092,407	1,115,694	901,000
NE	7.19	6.28	5.15	973,886	902,907	849,750
NJ	7.05	6.75	5.40	31,041	27,203	17,086
NY [2]	.....	.....	5.30	.....	.....	21,078
NC	7.07	6.68	5.40	246,036	257,648	206,307
ND	7.05	6.10	5.00	172,760	205,143	244,000
OH	7.42	6.49	5.30	1,166,053	1,239,330	1,023,748
OK	6.85	6.40	5.00	50,759	63,360	30,600
PA	6.65	6.80	5.30	75,810	93,092	83,740
SC	7.40	6.55	5.35	99,900	84,004	56,175
SD	7.08	6.11	4.90	642,722	695,013	653,562
TN	7.25	6.89	5.60	279,125	281,112	196,504
TX	7.00	6.33	4.80	49,140	70,896	28,512
VA	6.80	6.20	5.70	110,976	69,874	62,928
WI	7.24	6.38	5.30	233,056	280,720	274,010
US	7.35	6.47	5.35	17,439,971	17,372,628	14,659,646

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

NASS, Crops Branch, (202) 720–2127.

Table 3-33.—Soybeans: Support operations, United States, 1989–98

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*
1989/90	4.53	208.9	10.9	0.0	0.0
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	265.4	9.8	0.5	0.0
1998/99	5.26	.....	.....	.....	.....

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

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

Table 3-34.—Soybeans: Area, yield, and production in specified countries and the world, 1995–96/1997–98 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	824	860	1,050	2.78	2.52	2.57	2,293	2,165	2,700
Mexico	133	52	119	1.43	1.17	1.47	190	61	175
United States	24,938	25,661	28,160	2.38	2.53	2.61	59,243	64,837	73,552
Total	25,920	26,600	29,361	2.38	2.52	2.61	61,793	67,130	76,514
South America:									
Argentina	5,980	6,200	7,000	2.08	1.81	2.67	12,430	11,200	18,700
Bolivia	445	547	630	2.02	1.83	2.00	900	1,000	1,260
Brazil	10,950	11,800	13,000	2.21	2.27	2.38	24,150	26,800	31,000
Colombia	36	35	30	2.06	2.00	1.67	74	70	50
Ecuador	75	32	12	1.13	1.25	0.92	85	40	11
Paraguay	1,100	1,200	1,300	2.18	2.31	2.15	2,400	2,771	2,800
Peru	1	1	1	2.00	2.00	2.00	2	2	2
Uruguay	8	8	8	1.75	1.75	1.75	14	14	14
Venezuela	5	5	5	2.00	2.00	2.00	10	10	10
Total	18,600	19,828	21,986	2.15	2.11	2.45	40,065	41,907	53,847
European Union:									
Austria	14	13	15	2.21	2.08	2.20	31	27	33
France	100	85	97	2.60	2.71	2.89	260	230	280
Germany	2	2	2	2.50	2.50	2.50	5	5	5
Italy	172	231	338	3.71	3.77	3.68	638	871	1,243
Spain	3	6	4	1.67	1.83	2.25	5	11	9
Total	291	337	456	3.23	3.39	3.44	939	1,144	1,570
Other Western Europe:									
Switzerland	2	2	2	2.50	2.50	2.50	5	5	5
Eastern Europe:									
Bulgaria	15	16	6	1.00	0.63	1.00	15	10	6
Hungary	10	12	13	2.00	2.33	2.31	20	28	30
Romania	73	80	61	1.48	1.44	1.98	108	115	121
Yugoslavia	67	94	84	2.15	2.02	2.38	144	190	200
Total	166	203	165	1.73	1.69	2.17	288	344	358
Africa:									
Egypt	26	15	13	2.46	2.60	2.69	64	39	35
Morocco	3	1	2	1.33	1.00	1.00	4	1	2
Nigeria	620	659	650	0.31	0.32	0.31	192	211	200
South Africa, Republic of	68	87	125	1.18	1.38	1.58	80	120	197
Zambia	25	25	25	1.60	1.16	1.40	40	29	35
Zimbabwe	59	60	64	1.86	1.67	1.58	110	100	101
Total	801	847	879	0.61	0.59	0.65	490	500	570
Asia and the Middle East:									
Burma	60	77	90	0.83	0.83	0.83	50	64	75
China,PeoplesRepublic of	8,127	7,470	8,346	1.66	1.77	1.76	13,500	13,220	14,728
India	4,817	5,000	5,600	0.93	0.82	0.96	4,476	4,100	5,350
Indonesia	1,280	1,180	1,150	1.19	1.24	1.22	1,517	1,460	1,400
Iran	87	87	87	1.54	1.54	1.54	134	134	134
Japan	69	82	83	1.72	1.80	1.75	119	148	145
Korea, Democratic People's	320	325	325	1.25	1.23	1.08	400	400	350
Korea, Republic of	105	98	100	1.52	1.63	1.56	160	160	156
Pakistan	6	2	2	1.17	1.50	1.50	7	3	3
Philippines	6	6	6	1.50	1.50	1.50	9	9	9
Sri Lanka	2	1	1	1.00	1.00	1.00	2	1	1
Syria	7	6	7	1.86	1.50	1.86	13	9	13
Taiwan	5	5	5	2.00	2.00	2.00	10	10	10
Thailand	284	256	260	1.30	1.41	1.25	368	360	325
Turkey	45	40	40	1.67	1.63	1.50	75	65	60
Vietnam	121	130	130	1.04	1.04	1.04	126	135	135
Total	15,341	14,765	16,232	1.37	1.37	1.41	20,966	20,278	22,894
Oceania:									
Australia	32	39	52	2.28	2.15	1.79	73	84	93
World total	61,698	63,168	69,588	2.03	2.09	2.24	124,978	131,730	156,188

[1] Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. [2] Harvested area as far as possible. [3] Preliminary.

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

Table 3-35.—Soybeans, soybean oil, and soybean cake and meal: United States exports by country of destination, 1994/95–1996/97 [1]

Continent and country of destination	Soybeans			Soybean oil [2]			Soybean cake and meal		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [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	61,266	223,890	132,055	43,912	60,318	25,784	724,790	648,027	730,113
Costa Rica	154,072	142,541	154,557	214	1,018	99	0	5	91
Jamaica	0	0	0	10,012	12,839	15,529	53,188	66,426	73,758
Mexico	2,401,318	2,608,814	3,026,019	46,643	81,901	102,950	340,625	81,012	202,263
Total [4]	2,721,293	3,074,995	3,398,631	140,319	223,732	225,784	1,716,461	1,395,357	1,666,607
South America:									
Brazil	0	190,698	638,038	0	66	9	0	3,174	0
Columbia	163,778	135,862	106,979	15,236	6,270	28,634	238,907	215,861	311,261
Peru	0	0	22,005	35,999	37,726	49,426	37,833	157	78,221
Venezuela	112,580	302,003	188,915	1,877	517	642	254,512	310,024	468,303
Total [4]	276,478	645,249	1,521,599	62,971	52,209	91,208	617,550	640,234	1,040,944
Europe:									
Belgium and Luxembourg	586,307	746,664	696,197	0	0	31	0	0	0
Denmark	68,499	61,920	41,453	0	0	0	102,523	189,729	118,436
France	181,966	378,628	350,644	0	27	0	14,746	15,253	259,029
Germany	1,292,152	1,239,883	1,117,899	5,752	6,968	5,788	45,949	52,191	110,048
Greece	146,063	153,183	168,022	0	19	0	13,539	28,609	22,835
Italy	438,861	485,977	154,141	0	0	4,300	94,504	184,433	341,129
Netherlands	3,395,161	2,762,290	2,671,542	4,772	2,584	3,182	437,766	430,817	305,106
Norway	239,479	0	0	0	0	0	3	0	144
Spain	919,849	1,338,822	1,616,999	0	0	5,000	46,265	169,684	474,432
United Kingdom	337,780	336,916	481,549	41	51	98	37,042	100,924	125,232
Total [4]	8,098,346	7,891,130	7,770,796	15,112	14,003	20,016	914,822	1,350,619	2,171,636
Former Soviet Union: [5].									
Russia	29,797	0	0	6,739	751	1,292	5,010	282	8,113
Ukraine	0	0	16	1,014	1,194	753	114,794	32,780	0
Total [4]	29,797	16,506	16	13,201	8,027	10,924	232,306	36,061	27,604
Africa:									
Egypt	83,338	75,814	63,324	10	1,899	20,696	46,813	164,861	145,103
Morocco	39,235	58,139	62,996	0	46,682	30,493	47	48,899	27,793
Total [4]	147,377	166,697	144,263	35,690	89,551	94,675	248,869	508,673	551,901
Asia:									
China	490,008	1,559,138	1,463,147	124,757	338,970	496,306	90,001	566,181	739,048
India	0	0	0	20,841	26,675	38,610	63	0	0
Israel	467,173	516,519	382,795	369	37	2,258	104,076	15,418	5,305
Japan	3,860,730	3,621,249	3,566,497	763	1,955	2,209	204,759	258,823	217,492
Korea, Rep. of	1,386,607	1,511,322	1,065,681	8,639	29,041	43,614	196	4,025	289,876
Philippines	136,625	138,912	130,261	46	79	22,018	433,255	479,163	681,145
Taiwan	2,740,558	2,029,874	1,563,531	17	67	7,777	179	180	674
Total [4]	10,750,235	11,324,122	9,904,914	177,047	535,998	942,472	1,482,664	2,223,716	2,839,591
Oceania:									
Australia	66,752	68,209	36,299	0	0	4,595	156,800	132,674	108,198
Total [4]	67,027	68,209	36,299	5,537	350	10,643	225,566	181,726	160,797
Grand Total [6] [7]	23,165,299	23,999,884	23,687,345	449,876	923,871	1,395,722	5,445,194	6,345,143	8,464,078

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

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

Table 3-36.—Sunflower: Area, yield, production, and value, United States, 1989–98 [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*
1989	1,840	1,786	985	1,759,760	10.60	190,452
1990	1,905	1,851	1,229	2,274,405	10.80	245,754
1991	2,746	2,673	1,352	3,613,030	8.69	316,847
1992	2,187	2,043	1,255	2,564,985	9.74	250,748
1993	2,757	2,486	1,035	2,572,063	12.90	326,435
1994	3,567	3,430	1,410	4,835,825	10.70	512,791
1995	3,478	3,368	1,190	4,009,332	11.50	457,575
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	3,553	3,476	1,509	5,246,701	10.20	524,654

[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 3-37.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1989–98 [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*
1989	1,411	1,373	988	1,356,300	9.72	131,924
1990	1,390	1,343	1,205	1,618,450	10.00	162,468
1991	2,294	2,232	1,357	3,027,750	8.22	251,819
1992	1,899	1,790	1,249	2,236,000	9.31	209,586
1993	2,297	2,074	1,042	2,160,268	12.30	264,585
1994	3,041	2,943	1,435	4,223,475	10.10	426,881
1995	2,911	2,829	1,201	3,398,437	10.90	371,969
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	2,937	2,880	1,548	4,459,054	9.35	420,140

[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 3-38.—Sunflower, non-oil varieties: Area, yield, production, and value, United States, 1989–98 [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*
1989	429	413	977	403,460	14.60	58,528
1990	515	508	1,291	655,955	12.70	83,286
1991	452	441	1,327	585,280	11.10	65,028
1992	288	253	1,300	328,985	13.00	41,162
1993	460	412	1,000	411,795	15.20	61,850
1994	526	487	1,257	612,350	13.80	85,910
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	616	596	1,322	787,647	13.20	104,514

[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: Area, yield, production, and value, by States, 1997–98

Variety and State	Area planted		Area harvested		Yield per harvested acre	
	1997	1998	1997	1998 [1]	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*
Oil:						
CO	50	100	47	92	1,200	1,350
KS	170	160	165	155	1,200	1,570
MN	75	90	72	87	1,100	1,350
NE	25	39	24	38	1,150	1,240
ND	1,150	1,600	1,100	1,580	1,330	1,540
SD	750	900	745	885	1,470	1,640
TX	23	12	22	11	1,000	600
Other States	41	36	37	32	1,199	1,117
US [2]	2,284	2,937	2,212	2,880	1,350	1,548
Non-oil:						
CO	35	45	33	43	900	1,150
KS	30	20	28	20	900	1,200
MN	30	40	27	38	1,000	1,250
NE	30	31	29	30	1,080	1,130
ND	320	390	310	380	1,290	1,420
SD	75	40	72	39	1,390	1,430
TX	65	35	63	33	900	700
Other States	19	15	18	13	1,186	1,102
US [2]	604	616	580	596	1,192	1,322
Total:						
CO	85	145	80	135	1,076	1,286
KS	200	180	193	175	1,156	1,528
MN	105	130	99	125	1,073	1,320
NE	55	70	53	68	1,112	1,191
ND	1,470	1,990	1,410	1,960	1,321	1,517
SD	825	940	817	924	1,463	1,631
TX	88	47	85	44	926	675
Other States	60	51	55	45	1,195	1,112
US [2]	2,888	3,553	2,792	3,476	1,317	1,509

Variety and State	Production		Marketing year average price per cwt.		Value of production	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	1,000 pounds	*1,000 pounds*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
Oil:						
CO	56,400	124,200	10.90	10.70	6,148	13,289
KS	198,000	243,350	10.80	9.30	21,384	22,632
MN	79,200	117,450	11.40	9.95	9,029	11,686
NE	27,600	47,120	10.30	9.50	2,843	4,476
ND	1,463,000	2,433,200	11.10	9.40	162,393	228,721
SD	1,095,150	1,451,400	10.90	9.25	119,371	134,255
TX	22,000	6,600	13.00	13.00	2,860	858
Other States	44,350	35,734	13.10	11.80	5,830	4,223
US [2]	2,985,700	4,459,054	11.00	9.35	329,858	420,140
Non-oil:						
CO	29,700	49,450	14.30	14.20	4,247	7,022
KS	25,200	24,000	14.80	14.10	3,730	3,384
MN	27,000	47,500	14.00	12.90	3,780	6,128
NE	31,320	33,900	15.00	13.60	4,698	4,610
ND	399,900	539,600	14.40	13.50	57,586	72,846
SD	100,080	55,770	11.80	9.20	11,809	5,131
TX	56,700	23,100	14.00	15.00	7,938	3,465
Other States	21,352	14,327	14.60	13.50	3,120	1,928
US [2]	691,252	787,647	14.30	13.20	96,908	104,514
Total:						
CO	86,100	173,650	12.30	11.80	10,395	20,311
KS	223,200	267,350	12.30	10.60	25,114	26,016
MN	106,200	164,950	12.30	11.30	12,809	17,814
NE	58,920	81,020	12.70	10.80	7,541	9,086
ND	1,862,900	2,972,800	11.80	10.50	219,979	301,567
SD	1,195,230	1,507,170	10.90	9.25	131,180	139,386
TX	78,700	29,700	13.70	14.00	10,798	4,323
Other States	65,702	50,061	13.60	12.30	8,950	6,151
US [2]	3,676,952	5,246,701	11.60	10.20	426,766	524,654

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

NASS, Crops Branch, (202) 720–2127.

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

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	1,000 hectares	*1,000 hectares*	*1,000 hectares*	*Metric tons*	*Metric tons*	*Metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North America:									
Canada	45	36	50	1.47	1.56	1.30	66	56	65
Mexico	6	6	6	0.83	0.83	0.83	5	5	5
United States	1,363	1,011	1,154	1.33	1.61	1.48	1,819	1,627	1,707
Total	1,414	1,053	1,210	1.34	1.6	1.47	1,890	1,688	1,777
South America:									
Argentina	3,200	2,900	3,100	1.75	1.86	1.74	5,600	5,400	5,400
Brazil	5	5	5	1.20	1.20	1.20	6	6	6
Chile	4	3	3	1.50	2.00	2.00	6	6	6
Colombia	2	2	2	1.50	1.50	1.50	3	3	3
Paraguay	44	40	40	1.57	1.50	1.50	69	60	60
Uruguay	91	91	91	1.23	1.21	1.21	112	110	110
Venezuela	18	17	22	0.83	0.82	0.82	15	14	18
Total	3,364	3,058	3,263	1.73	1.83	1.72	5,811	5,599	5,603
European Union:									
Austria	29	19	20	2.10	2.32	2.20	61	44	44
Germany	975	915	895	1.95	2.19	2.21	1,900	2,000	1,980
France	52	44	34	2.13	2.34	2.50	111	103	85
Greece	15	15	15	2.60	2.60	2.60	39	39	39
Italy	248	263	304	2.00	1.99	1.67	496	523	509
Portugal	94	107	96	0.30	0.36	0.40	28	38	38
Spain	975	990	970	0.59	1.15	1.41	575	1,138	1,367
Total	2,388	2,353	2,334	1.34	1.65	1.74	3,210	3,885	4,062
Eastern Europe:									
Bulgaria	490	450	450	1.33	1.09	1.11	650	490	500
Czech Republic	19	20	21	1.79	1.95	2.24	34	39	47
Hungary	491	475	446	1.49	1.68	1.22	730	800	545
Romania	715	910	778	1.30	1.30	1.10	933	1,180	858
Slovakia	47	53	47	1.72	1.96	2.09	81	104	98
Yugoslavia	189	230	200	1.76	1.87	1.65	333	430	330
Total	1,951	2,138	1,942	1.42	1.42	1.22	2,761	3,043	2,378
Frm. USSR (non-Baltics):									
Russian Federation	4,100	3,894	3,583	1.02	0.71	0.79	4,200	2,765	2,831
Ukraine	2,000	2,107	2,000	1.43	1.01	1.15	2,850	2,123	2,300
Total [4]	6,558	6,474	6,056	1.13	0.8	0.9	7,380	5,200	5,463
Africa:									
Egypt	29	21	11	2.07	2.19	2.27	60	46	25
Ethiopia	60	60	60	0.37	0.37	0.37	22	22	22
Kenya	15	15	15	1.33	1.33	1.33	20	20	20
Morocco	160	200	200	0.34	0.60	0.60	55	120	120
Mozambique	25	25	25	0.56	0.56	0.56	14	14	14
South Africa, Republic of	608	464	511	1.24	0.97	1.09	755	450	557
Tanzania, United Republic of	83	82	82	0.40	0.39	0.39	33	32	32
Zambia	48	20	35	0.56	0.40	0.51	27	8	18
Zimbabwe	108	62	58	0.47	0.55	0.38	51	34	22
Total	1,141	955	1,003	0.91	0.78	0.83	1,040	749	833
Asia and the Middle East:									
Burma	180	221	240	0.65	0.73	0.75	117	161	180
China,Peoples Republic of	813	690	716	1.56	1.92	1.64	1,270	1,325	1,176
India	2,170	1,995	2,100	0.65	0.66	0.67	1,400	1,315	1,400
Iran	59	59	59	0.85	0.85	0.85	50	50	50
Iraq	14	12	12	0.79	1.25	1.25	11	15	15
Israel	9	10	11	1.89	1.80	1.82	17	18	20
Pakistan	68	86	96	1.26	1.28	1.30	86	110	125
Syria	9	7	7	1.33	1.43	1.43	12	10	10
Turkey	625	550	500	1.20	1.09	1.44	750	600	720
Total	3,947	3,630	3,741	0.94	0.99	0.99	3,713	3,604	3,696
Oceania:									
Australia	73	137	92	1.19	1.21	1.07	87	166	98
World total [4]	20,836	19,798	19,641	1.24	1.21	1.22	25,892	23,934	23,910

[1] Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. [2] Harvested area as far as possible. [3] Preliminary. [4] Regional totals include other countries not shown. World total for all countries in USDA data base.

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

Table 3-41.—Peppermint oil: Area, yield, production, and value, United States, 1989–98

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*
1989	100.8	66	6,652	13.10	87,005
1990	101.8	68	6,953	13.90	96,621
1991	113.7	58	6,561	13.30	87,422
1992	111.6	66	7,382	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 [1]	124.0	78	9,727	11.60	112,528

[1] Preliminary.

NASS, Crops Branch (202), 720–2127.

Table 3-42.—Spearmint oil: Area, yield, production, and value, United States, 1989–98

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*
1989	26.4	70	1,846	13.90	25,693
1990	33.7	76	2,565	14.90	38,188
1991	42.4	73	3,108	13.90	43,120
1992	41.1	89	3,640	12.80	46,645
1993	32.5	84	2,722	12.30	33,488
1994	28.4	78	2,213	12.50	27,592
1995	28.8	79	2,274	12.30	27,858
1996	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	10.90	32,648

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-43.—Mint oil: Production and value, by States, 1996–98

State	Production			Price per pound			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Peppermint:									
ID	1,936	2,160	1,995	12.80	11.20	10.00	24,781	24,192	19,950
IN	594	1,050	1,104	14.50	13.60	12.70	8,613	14,280	14,021
OR	3,650	3,504	3,318	15.30	15.30	13.70	55,845	53,611	45,457
WA	3,007	2,945	2,910	11.90	11.00	10.00	35,783	32,395	29,100
WI	259	312	400	14.50	14.00	10.00	3,756	4,368	4,000
US	9,446	9,971	9,727	13.60	12.90	11.60	128,778	128,846	112,528
Spearmint:									
ID	140	170	206	13.10	12.40	11.20	1,834	2,108	2,307
IN	62	93	110	13.40	12.00	12.00	831	1,116	1,320
MI	27	51	71	12.20	11.00	11.20	329	561	795
OR	139	158	219	13.00	13.00	12.00	1,807	2,054	2,628
WA	1,606	1,782	2,142	11.60	11.60	10.50	18,630	20,671	22,491
WI	193	187	239	13.80	14.00	13.00	2,663	2,618	3,107
US	2,167	2,441	2,987	12.00	11.90	10.90	26,094	29,128	32,648

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

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

Continent and country	1994	1995	1996 [3]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Europe:			
France	2	2	2
Greece	260	310	320
Italy	510	390	578
Portugal	43	41	36
Spain	296	951	1,060
Total [4]	1,116	1,699	2,001
Middle East:			
Israel	20	20	20
Jordan	15	15	15
Lebanon	8	8	8
Syria	80	75	75
Turkey	55	200	60
Total [4]	180	320	180
Africa:			
Algeria	16	16	16
Morocco	40	45	45
Tunisia	80	210	100
Libya	5	5	5
Total [4]	141	276	166
Argentina	23	23	23
World total [4]	1,444	2,302	2,354

[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 3-45.—Margarine, actual weight: Supply and disposition, United States, 1988–97

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*
1988	2,549	63	2,614	8	2,542	10.4
1989	2,531	62	2,594	7	2,525	10.2
1990	2,768	61	2,830	8	2,730	10.9
1991	2,698	92	2,791	9	2,690	10.6
1992	2,818	91	2,910	13	2,821	11.0
1993	2,892	75	2,969	15	2,887	11.1
1994	2,623	66	2,693	21	2,588	9.9
1995	2,490	62	2,557	36	2,421	9.2
1996	2,480	58	2,544	29	2,432	9.2
1997 [1]	2,367	44	2,418	29	2,297	8.6

[1]Preliminary.

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

Table 3-46.—Margarine: Selected reported fats and oils used in manufacture, United States, 1988–97

Year	Vegetable oils			Animal fats [1]	Total [2]
	Soybean oil	Cottonseed oil	Corn oil		
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1988	1,619	NA	210	35	1,895
1989	1,573	NA	214	32	1,875
1990	1,749	NA	208	35	2,102
1991	1,853	25	196	43	2,160
1992	1,926	24	176	37	2,174
1993	2,013	26	161	31	2,239
1994	1,793	NA	NA	42	2,003
1995	1,684	NA	NA	41	1,847
1996	1,694	NA	77	28	1,816
1997	1,650	NA	61	14	1,733

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

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

Table 3-47.—Shortening: Supply and disposition, United States, 1988–97

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*
1988	139	5,328	5,467	52	5,270	21.5
1989	145	5,315	5,460	32	5,309	21.5
1990	119	5,590	5,709	34	5,559	22.2
1991	116	5,724	5,840	43	5,650	22.4
1992	147	5,719	5,866	43	5,722	22.4
1993	101	6,524	6,625	44	6,487	25.1
1994	95	6,334	6,429	46	6,293	24.1
1995	90	5,975	6,065	45	5,914	22.5
1996	106	5,929	6,035	43	5,911	22.3
1997 [1]	81	5,656	5,737	42	5,604	20.9

[1] Preliminary.

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

Table 3-48.—Shortening: Fats and oils used in manufacture, United States, 1988–97

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*
1988	170	3,562	109	173	265	840	5,377
1989	192	3,509	92	139	295	752	5,338
1990	252	4,004	(2)	(2)	264	637	5,684
1991	260	4,152	(2)	(2)	274	462	5,767
1992	241	4,140	(2)	(2)	310	427	5,761
1993	266	4,951	(2)	(2)	296	404	6,544
1994	216	4,929	(2)	(2)	287	405	6,365
1995	212	4,673	(2)	(2)	325	374	6,031
1996	237	4,690	(2)	(2)	284	320	5,935
1997	257	4,517	(2)	(2)	272	312	5,679

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

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

Table 3-49.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1988–97

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*
1988	407	6,158	6,565	2,807	3,147	461	1,864	16.6
1989	399	5,848	6,247	2,679	3,194	368	1,919	14.4
1990	374	5,217	6,097	2,267	3,061	402	2,000	13.7
1991	357	5,759	6,116	1,936	2,949	392	1,748	13.3
1992	349	5,768	6,117	2,279	3,050	334	1,954	14.4
1993	309	6,621	6,930	2,117	3,018	300	1,995	14.9
1994	320	6,712	7,032	2,167	3,190	301	2,102	17.4
1995	348	6,745	7,093	2,663	3,223	264	2,166	19.2
1996	373	6,376	6,749	1,993	3,289	245	2,253	21.7
1997	262	6,249	6,511	1,685	3,399	245	2,401	20.7

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

Table 3-50.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1994–95/1997–98

Commodity	World production [1]			
	1994–95	1995–96	1996–97	1997–98 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
Edible vegetable oils:				
Cottonseed	3,727	4,151	3,875	3,787
Olive [3]	1,773	1,444	2,302	2,354
Peanut	4,232	4,148	4,496	4,205
Rapeseed	10,101	11,369	10,863	11,648
Soybean	20,140	19,836	20,369	23,035
Sunflower	8,214	8,979	8,561	8,248
Total	48,187	49,927	50,466	53,277
Palm oils:				
Coconut	3,408	3,078	3,583	3,466
Palm	14,941	16,213	17,590	16,872
Palm kernel	2,003	2,174	2,314	2,265
Total	20,352	21,465	23,487	22,603
Animal fats:				
Butter (fat content)	5,215	5,123	5,129	5,171
Tallow and grease	8,312	8,184	8,172	7,994
Total	13,527	13,307	13,301	13,165
Marine oils:				
Fish	1,406	1,410	1,189	889
Grand total [5]	83,472	86,109	88,443	89,934

[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 3-51.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1988–97

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*
1988	57,622	1,343,732	44,085	4,275	37,317	153,273	18,229,355
1989	50,074	1,307,551	34,554	24,261	50,557	240,334	15,042,853
1990	39,644	1,121,120	44,855	27,878	58,941	262,763	15,351,220
1991	54,705	1,137,383	78,872	17,705	67,706	198,442	17,530,932
1992	61,811	1,362,824	196,408	5,091	63,702	319,677	19,794,760
1993	51,903	1,279,276	126,449	3,421	56,378	216,254	19,423,490
1994	62,141	1,344,832	188,321	3,387	33,401	169,364	18,071,789
1995	56,260	1,620,878	147,600	2,317	44,529	285,851	22,766,738
1996	45,690	1,192,094	83,024	2,839	29,592	208,521	25,565,576
1997 [2]	41,014	1,032,283	114,804	5,370	41,622	225,757	26,022,851

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*
1988	1,093	30,572	171,045	4,529	3,742	3,345	875,491	6,282,414	192,364
1989	2,026	20,432	209,316	6,767	3,230	6,810	70,447	4,728,411	130,056
1990	4,049	18,218	145,949	3,027	3,142	7,257	536,460	4,820,163	268,308
1991	2,426	21,132	97,034	4,470	4,220	23,403	442,245	5,534,376	652,877
1992	2,821	9,449	123,293	3,942	5,928	64,697	764,845	6,236,001	781,272
1993	4,340	6,363	83,075	3,799	6,978	23,984	691,343	5,533,646	810,046
1994	2,223	8,495	135,650	5,407	9,350	27,028	822,841	4,809,801	562,613
1995	2,972	9,090	137,693	15,451	17,020	47,741	1,037,405	5,889,055	515,185
1996	2,862	3,987	99,998	14,892	13,058	37,300	571,209	5,859,899	195,250
1997 [2]	3,886	5,169	110,615	34,732	13,169	8,828	1,015,831	6,994,431	186,943

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

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

Table 3-52.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1988–97

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*
1988	0	536	60,113	308	663	3,776
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 [2]	0	1,170	223,519	3,176	41,272	5,238

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*
1988	6,851	33,146	59,828	78,286	30,365	444,799	169
1989	77,752	40,514	89,713	64,353	37,874	391,903	4
1990	102,241	42,879	63,583	92,165	31,032	452,224	7
1991	1,075	36,460	121,476	93,169	34,524	390,997	95
1992	1,543	34,993	69,519	99,512	34,017	501,466	351
1993	162,093	36,924	97,360	83,399	42,215	443,496	160
1994	409,500	40,516	179,270	54,547	44,093	441,330	426
1995	200,054	39,356	130,141	57,158	41,417	491,151	1,744
1996	261,348	46,563	86,981	68,762	39,938	423,189	2,699
1997 [2]	318,249	42,629	258,602	87,689	41,025	589,192	3,102

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*
1988	80,417	152,002	208,526	10,857	162,427	6,406	273,708
1989	80,833	112,201	151,282	391	194,557	6,474	333,036
1990	97,273	131,161	154,327	3,368	213,956	4,045	313,220
1991	98,709	113,527	145,715	1,697	307,127	5,645	505,996
1992	114,271	102,211	167,512	495	381,456	4,996	605,734
1993	121,233	129,371	119,073	200	395,310	4,270	692,255
1994	126,024	160,175	141,372	5,281	425,466	5,401	783,438
1995	122,270	101,621	121,949	3,165	430,648	4,427	831,047
1996	112,778	125,383	148,719	1,639	522,183	3,943	999,513
1997 [2]	163,469	134,519	161,706	6,648	491,083	6,265	1,071,926

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

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

Table 3-53.—Animal tallow, greases, and oils[1]: United States exports by region and country of destination 1995–97

Continent and country	1995	1996	1997[2]
	Metric tons	*Metric tons*	*Metric tons*
North and Central America:			
Canada	69,591	58,961	60,216
Mexico	260,189	272,999	327,031
El Salvador	37,686	32,316	36,505
Guatemala	30,115	34,494	48,855
Honduras	16,999	15,251	23,773
Nicaragua	10,819	10,925	8,671
Other countries	5,478	6,484	14,637
Total	430,877	431,430	519,688
Brazil	5,416	298	14,076
Colombia	56,549	37,989	49,331
Ecuador	4,238	2,192	3,587
Venezuela	57,776	61,824	49,743
Other countries	9,191	3,721	68,807
Total	133,169	106,024	185,543
European Community:			
Italy	39,234	7,913	2,431
Netherlands	47,643	44,446	44,320
Spain	64,472	24,168	50,617
Other countries	40,116	41,483	29,789
Total	191,465	118,009	127,157
Other Europe:			
Poland	0	75	24
Romania	1,006	72	1,459
Other countries	0	41	27
Total	1,006	187	1,509
Former Soviet Union	2,671	1,493	9,509
North Africa and Middle East:			
Algeria	20,464	15,811	28,665
Egypt	22,981	16,951	25,195
Morocco	19,020	12,680	13,960
Turkey	129,757	141,149	152,636
United Arab Emir.	12	169	133
Other countries	3,774	7,077	19,045
Total	196,008	193,836	239,635
Other Africa:			
Ghana	2,500	0	2,667
Nigeria	28,085	4,000	6,531
Senegal	5,689	7,000	23,867
Other countries	111	6,009	13,181
Total	36,385	17,009	46,245
Asia:			
Japan	42,898	39,494	40,867
Korea	61,670	33,582	54,999
Taiwan	7,455	3,632	4,847
Other countries	14,099	13,303	18,575
Total	126,121	90,011	119,287
Oceania	101	179	109
Other regions	71,196	61,621	97,763
Grand total[3]	1,189,000	1,019,798	1,346,445

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

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

Table 3-54.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1991–97

[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	1,348.6	10.8	129.0
1997	90.9	68.7	75.5	158.1	NA	157.1	68.5	155.4	11.0	143.0

NA-not available.

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

Table 3-55.—Fats and oils: Use in products for civilian consumption, total and per capita, United States, 1988–97

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*
1988	1,102	4.5	630	2.6	2,527	10.3	5,270	21.5	6,448	26.3	318	1.3	15,570	63.5
1989	1,077	4.4	515	2.1	2,512	10.2	5,309	21.5	6,040	24.4	313	1.3	15,049	60.8
1990	1,095	4.4	609	2.4	2,714	10.9	5,559	22.2	6,195	24.8	291	1.2	15,695	62.8
1991	1,100	4.4	794	3.1	2,671	10.6	5,650	22.4	6,743	26.7	321	1.3	16,525	65.4
1992	1,114	4.4	1,036	4.1	2,802	11.0	5,722	22.4	6,946	27.2	367	1.4	17,203	67.4
1993	1,209	4.7	1,007	3.9	2,868	11.1	6,487	25.1	6,927	26.8	451	1.8	18,134	70.2
1994	1,255	4.8	1,230	4.7	2,584	9.9	6,292	24.1	6,826	26.3	426	1.6	17,846	68.6
1995	1,186	4.5	1,301	4.9	2,421	9.2	5,913	22.5	7,066	26.9	434	1.6	17,577	66.9
1996	1,148	4.3	1,398	5.2	2,426	9.2	5,935	22.3	6,934	26.1	361	1.4	17,841	65.8
1997[3] ...	1,114	4.2	1,264	4.7	2,297	8.6	5,679	20.9	7,689	28.7	297	1.1	18,340	65.6

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products[4]		All products[5]	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	*Pounds*	*Million pounds*	*Pounds*	*Million pounds*	*Pounds*	*Million pounds*	*Pounds*	*Million pounds*	*Pounds*	*Million pounds*	*Pounds*
1988	807	3.3	2,181	8.9	2,002	8.2	501	2.0	5,979	24.4	21,448	88.1
1989	749	3.0	2,057	8.3	2,083	8.4	444	1.8	5,848	23.7	20,977	84.9
1990	799	3.2	1,981	7.9	2,203	8.8	296	1.2	5,741	23.0	21,312	86.1
1991	833	3.3	2,235	8.8	1,974	7.8	286	1.1	5,719	22.6	21,813	86.3
1992	739	2.9	2,041	8.0	2,177	8.5	549	2.1	5,904	23.1	22,687	88.8
1993	749	2.9	1,898	7.3	2,200	8.5	589	2.3	5,846	22.6	23,529	91.1
1994	687	3.0	1,959	8.8	2,340	8.7	654	2.9	6,103	25.2	20,392	91.5
1995	594	2.8	1,964	8.6	2,341	8.8	747	2.5	6,101	23.0	29,201	113.1
1996	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	2,341	8.7	2,645	9.9	557	2.1	6,535	24.4	30,985	115.7

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

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

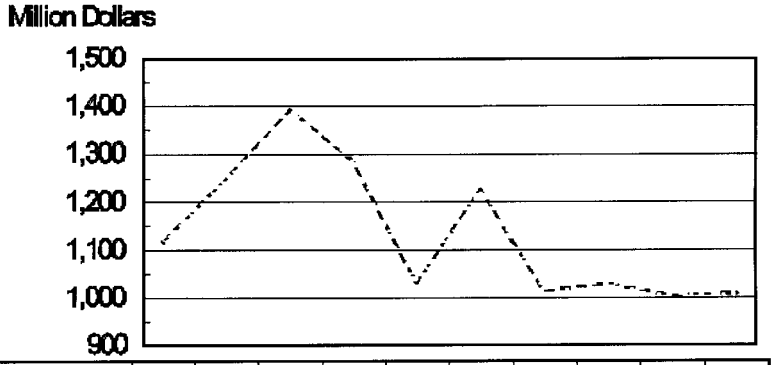
Table 3-56.—Fats and oils: Wholesale price per pound, 1993–98[1]

Item and market	1993	1994	1995	1996	1997	1998
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Castor oil, No. 1, Brazilian, tanks, imported, New York	37.2	44.1	45.0	41.70	41.50	41.50
Coconut oil, crude, tanks, f.o.b. New York	25.5	30.4	36.0	42.62	39.40	31.17
Corn oil, crude, tank cars, f.o.b. Decatur	21.8	27.3	26.6	26.50	24.85	30.33
Cottonseed oil, crude, tank cars, f.o.b. Valley	26.0	27.1	26.8	25.90	26.51	31.03
Linseed oil, raw, tank cars, Minneapolis	31.7	32.5	35.0	37.10	36.25	36.00
Palm oil, U.S. ports, refined	21.2	28.1	33.0	26.60	27.25	31.88
Rapeseed oil, refined (denatured), tanks, New York	56.0	53.8	52.0	58.10	88.00	90.00
Safflower oil, tanks, New York	70.0	59.0	59.0	59.00	59.00	59.00
Soybean oil, crude, tank cars, f.o.b. Decatur	22.7	27.9	26.8	23.80	23.27	25.73
Sunflower oil, crude, Minneapolis	26.8	31.1	28.9	24.66	23.45	24.24
Tallow, inedible, number delivered Chicago	14.9	17.4	19.2	20.10	20.75	17.67
Tung oil, imported, drums, f.o.b. New York	118.5	76.1	59.0	63.30	101.50	100.00

[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.

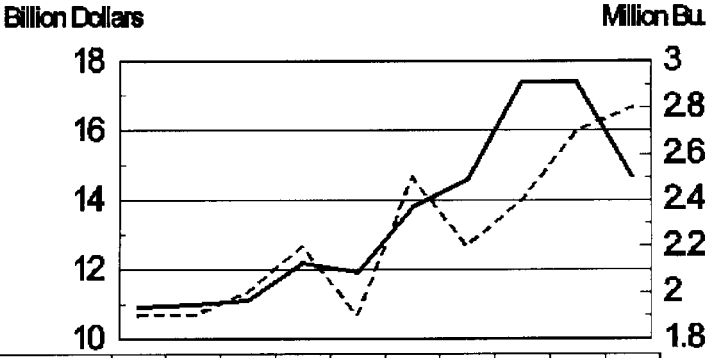
Peanuts: Value of Production, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Value of Prod. - - -	1,119	1,250	1,392	1,285	1,031	1,229	1,013	1,030	1,003	1,008

NASS Table 3-15

Soybeans: Production & Value of Production 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Production - -	1.9	1.9	2.0	2.2	1.9	2.5	2.2	2.4	2.7	2.8
Value of Prod. —	10.9	11.0	11.1	12.2	11.9	13.8	14.6	17.4	17.4	14.7

NASS Table 3-26

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

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

For potatoes and sweet potatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of 9 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. The processed segment of production for asparagus, broccoli, carrots, and cauliflower, combined with fresh market production during the year, is published at the end of the season, separately. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans, and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984. Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelon estimates of fresh market use on an annual basis were reinstated in 1992. Estimates of processing usage were also reinstated with the 1992 crop year for lima beans, beets, cabbage for sauerkraut, and spinach.

Seasonal Groups and Marketing Period

Prospective Area For Harvest

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

Annual Acreage, Yield, Production, and Value

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later period, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 25 principal vegetable and melon crops in the major producing States. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

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

Table 4-1.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1989–98

Year	Area [1]		
	For fresh market [2]	For processing [3]	Total
	Acres	*Acres*	*Acres*
1989	1,149,490	1,474,970	2,624,460
1990	1,126,990	1,544,500	2,671,490
1991	1,073,330	1,570,430	2,643,760
1992 [6]	1,882,070	1,446,320	3,328,390
1993	1,857,000	1,400,790	3,257,790
1994	1,896,400	1,588,050	3,484,450
1995	1,852,260	1,579,300	3,431,560
1996	1,886,780	1,485,020	3,371,800
1997	1,849,730	1,423,000	3,272,730
1998 [7]	1,866,030	1,433,790	3,299,820

Year	Production [4]		
	For fresh market [2]	For processing [3]	Total
	Tons	*Tons*	*Tons*
1989	12,720,900	14,450,860	27,171,760
1990	12,701,950	15,444,970	28,146,920
1991	12,136,650	16,151,030	28,287,680
1992 [6]	19,854,900	14,236,320	34,091,220
1993	19,526,400	14,904,750	34,431,150
1994	20,808,650	18,306,730	39,115,380
1995	18,960,850	17,534,070	36,494,920
1996	20,600,500	17,547,062	38,147,562
1997	21,822,950	16,229,609	38,052,559
1998 [7]	21,153,000	15,459,970	36,612,970

Year	Value [5]		
	For fresh market [2]	For processing [3]	Total
	1,000 dollars	*1,000 dollars*	*1,000 dollars*
1989	4,183,920	1,256,954	5,440,874
1990	3,699,527	1,331,463	5,030,990
1991	3,905,828	1,357,413	5,263,241
1992 [6]	6,460,134	1,126,435	7,586,569
1993	7,133,631	1,193,740	8,327,371
1994	6,874,253	1,472,189	8,346,442
1995	7,703,830	1,462,513	9,166,343
1996	6,883,050	1,470,784	8,353,834
1997	8,029,667	1,372,269	9,401,936
1998 [7]	8,098,891	1,277,171	9,376,062

[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.

NASS, Crops Branch, (202) 720–2127.

Table 4-2.—Vegetables, commercial: Area of principal crops, by States, 1996–98 [1]

State	For fresh market [2]			For processing [4]			Total		
	1996	1997	1998 [3]	1996	1997	1998 [3]	1996	1997	1998 [3]
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	13,900	9,700	7,600	.....	.....	.....	13,900	9,700	7,600
AZ	118,600	117,200	121,000	.....	.....	.....	118,600	117,200	121,000
AR	3,600	3,800	3,600	6,500	3,900	2,890	10,100	7,700	6,490
CA	819,700	809,800	825,100	352,380	297,480	313,900	1,172,080	1,107,280	1,139,000
CO	34,800	34,400	35,700	1,120	720	160	35,920	35,120	35,860
CT	4,800	4,700	4,500	.....	.....	.....	4,800	4,700	4,500
DE	2,400	2,300	2,100	33,680	33,380	42,660	36,080	35,680	44,760
FL	199,150	194,660	193,550	.....	.....	.....	199,150	194,660	193,550
GA	104,400	101,900	97,900	4,700	5,000	5,100	109,100	106,900	103,000
HI	2,240	2,420	2,470	.....	.....	.....	2,240	2,420	2,470
ID	8,600	8,200	8,700	.....	.....	.....	8,600	8,200	8,700
IL	9,100	8,900	8,300	53,090	41,770	39,400	62,190	50,670	47,700
IN	18,990	18,280	17,100	.....	.....	.....	18,990	18,280	17,100
IA	.....	.....	.....	9,310	5,900	8,200	9,310	5,900	8,200
LA	3,210	2,810	2,640	.....	.....	.....	3,210	2,810	2,640
ME	2,600	2,400	2,300	.....	.....	.....	2,600	2,400	2,300
MD	11,550	10,950	12,330	23,700	22,110	21,900	35,250	33,060	34,230
MA	7,450	7,520	6,950	.....	.....	.....	7,450	7,520	6,950
MI	55,600	56,950	56,950	58,500	56,400	54,800	114,100	113,350	111,750
MN	2,060	1,880	1,300	206,020	211,000	211,330	208,080	212,880	212,630
MS	5,400	4,000	4,000	.....	.....	.....	5,400	4,000	4,000
MO	5,600	4,700	4,900	6,800	9,700	8,500	12,400	14,400	13,400
NV	1,900	1,700	2,100	.....	.....	.....	1,900	1,700	2,100
NH	2,100	1,900	1,700	.....	.....	.....	2,100	1,900	1,700
NJ	33,800	35,100	33,800	11,600	7,100	10,300	45,400	42,200	44,100
NM	9,000	9,700	10,100	.....	.....	.....	9,000	9,700	10,100
NY	61,100	64,300	68,700	84,200	87,580	84,910	145,300	151,880	153,610
NC	43,300	43,000	44,800	.....	.....	.....	43,300	43,000	44,800
ND	1,300	.....	.....	.....	.....	.....	1,300	.....	.....
OH	25,610	25,020	24,310	16,040	13,860	10,990	41,650	38,880	35,300
OK	10,000	8,000	7,500	2,500	2,900	2,500	12,500	10,900	10,000
OR	22,820	24,540	24,080	97,980	97,780	96,860	120,800	122,320	120,940
PA	24,400	22,600	24,400	.....	15,250	10,780	24,400	37,850	35,180
RI	1,000	1,100	1,000	.....	.....	.....	1,000	1,100	1,000
SC	16,700	15,800	15,600	.....	.....	.....	16,700	15,800	15,600
TN	12,100	11,800	11,400	8,300	9,900	5,100	20,400	21,700	16,500
TX	109,400	93,900	91,800	33,400	22,000	22,600	142,800	115,900	114,400
UT	2,100	2,300	2,400	.....	.....	.....	2,100	2,300	2,400
VT	1,400	1,300	1,200	.....	.....	.....	1,400	1,300	1,200
VA	17,000	18,100	18,500	4,080	1,850	1,870	21,080	19,950	20,370
WA	44,300	47,500	48,450	135,050	159,580	168,160	179,350	207,080	216,610
WI	13,700	14,600	14,600	256,010	250,090	240,260	267,910	264,690	254,860
Other States [5]	.....	.....	.....	80,060	67,750	70,620	80,060	67,750	70,620
US	1,886,780	1,849,730	1,866,030	1,485,020	1,423,000	1,433,790	3,371,800	3,272,730	3,299,820

[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, 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC. 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

NASS, Crops Branch, (202) 720–2127.

Table 4-3.—Vegetables, commercial: Production of principal crops, by States, 1996–98

State	For fresh market [1]			For processing [3]			Total		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
AL	65,400	43,500	31,150	.....	.....	.....	65,400	43,500	31,150
AZ	1,495,750	1,627,350	1,754,700	.....	.....	.....	1,495,750	1,627,350	1,754,700
AR	20,800	31,800	32,750	26,250	17,000	7,460	47,050	48,800	40,210
CA	10,068,850	10,983,000	10,424,850	10,962,421	9,576,519	9,165,160	21,031,271	20,559,519	19,590,010
CO	475,050	541,450	548,350	11,100	6,080	1,440	486,150	547,530	549,790
CT	15,600	14,100	14,650	.....	.....	.....	15,600	14,100	14,650
DE	42,000	43,700	39,900	102,491	103,640	132,520	144,491	147,340	172,420
FL	2,131,950	2,154,000	2,049,800	.....	.....	.....	2,131,950	2,154,000	2,049,800
GA	851,250	936,150	861,650	20,600	27,900	21,300	871,850	964,050	882,950
HI	21,750	22,850	23,800	.....	.....	.....	21,750	22,850	23,800
ID	279,500	282,900	232,750	.....	.....	.....	279,500	282,900	232,750
IL	50,000	50,950	43,500	236,460	178,620	146,190	286,460	229,570	189,690
IN	168,200	153,200	155,450	.....	.....	.....	168,200	153,200	155,450
IA	.....	.....	.....	58,780	34,240	45,650	58,780	34,240	45,650
LA	29,850	21,650	16,700	.....	.....	.....	29,850	21,650	16,700
ME	7,800	6,600	6,350	.....	.....	.....	7,800	6,600	6,350
MD	59,200	75,400	70,450	133,100	102,130	106,380	192,300	177,530	176,830
MA	27,900	27,800	2,480	.....	.....	.....	27,900	27,800	24,850
MI	407,700	41,700	408,400	420,240	394,500	355,180	827,940	796,200	763,580
MN	12,400	29,200	17,850	886,550	974,330	997,820	898,950	1,003,530	1,015,670
MS	24,300	12,000	12,200	.....	.....	.....	24,300	12,000	12,200
MO	70,000	56,400	57,600	26,160	36,410	26,840	96,160	92,810	84,440
NV	55,100	45,900	46,200	.....	.....	.....	55,100	45,900	46,200
NH	7,900	5,700	5,100	.....	.....	.....	7,900	5,700	5,100
NJ	233,050	228,850	233,100	80,490	58,040	63,360	313,540	286,890	296,460
NM	186,100	210,950	202,600	.....	.....	.....	186,100	210,950	202,600
NY	500,950	644,650	655,750	432,710	510,420	459,610	933,660	1,155,070	1,115,360
NC	255,550	295,150	279,950	.....	.....	.....	255,550	295,150	279,950
ND	20,800	.....	.....	.....	.....	.....	20,800	.....	.....
OH	174,750	155,950	152,800	393,500	336,350	237,530	568,250	492,300	390,330
OK	4,700	40,000	35,250	10,000	11,600	7,000	57,000	51,600	42,250
OR	526,550	606,950	537,400	677,720	610,720	549,720	1,204,270	1,217,670	1,087,120
PA	110,000	93,600	104,400	.....	75,250	65,310	110,000	168,850	169,710
RI	3,750	3,850	4,000	.....	.....	.....	3,750	3,850	4,000
SC	117,250	112,400	119,750	.....	.....	.....	117,250	112,400	119,750
TN	57,850	59,600	53,950	25,570	37,730	7,250	83,420	97,330	61,200
TX	119,350	864,700	949,250	182,470	191,780	146,720	1,376,420	1,056,480	1,095,970
UT	49,350	55,800	52,800	.....	.....	.....	49,350	55,800	52,800
VT	4,550	4,900	3,900	.....	.....	.....	4,550	4,900	3,900
VA	111,650	136,850	126,000	18,890	7,990	6,180	130,540	144,840	132,180
WA	492,950	594,850	620,600	997,000	1,136,290	1,157,960	1,489,950	1,731,140	1,778,560
WI	126,200	141,600	142,500	1,248,950	1,281,510	1,252,280	1,375,150	1,423,110	1,394,780
Other States [5]	.....	.....	.....	595,610	520,560	501,110	595,610	520,560	501,110
US	20,600,500	21,822,950	21,153,000	17,547,062	16,229,609	15,459,970	38,147,562	38,047,559	36,612,970

[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, 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC. 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

NASS, Crops Branch, (202) 720–2127.

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

State	For fresh market [1]			For processing [3]			Total		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	12,254	12,362	9,592	.....	.....	.....	12,254	12,362	9,592
AZ	481,427	515,152	620,630	.....	.....	.....	481,427	515,152	620,630
AR	6,656	9,879	13,666	6,770	3,684	1,498	13,426	13,563	15,164
CA	3,639,715	4,429,023	4,095,788	704,171	598,232	544,202	4,343,886	5,027,255	4,639,990
CO	89,729	107,923	131,697	1,509	1,094	230	91,238	109,017	131,927
CT	8,424	6,768	7,911	.....	.....	.....	8,424	6,768	7,911
DE	4,368	4,545	6,783	17,167	18,037	26,492	21,535	22,582	33,275
FL	1,017,814	1,133,794	1,171,888	.....	.....	.....	1,030,277	1,143,971	1,171,888
GA	206,582	255,075	243,032	5,799	8,229	4,349	212,381	263,304	247,381
HI	11,705	13,791	14,445	.....	.....	.....	11,705	13,791	14,445
ID	46,757	42,412	54,277	.....	.....	.....	46,757	42,412	54,277
IL	13,571	13,242	12,415	35,470	27,240	22,133	49,041	40,482	34,548
IN	37,951	39,030	44,950	.....	.....	.....	37,951	39,030	44,950
IA	.....	.....	.....	5,273	3,151	4,333	5,273	3,151	4,333
LA	6,386	7,008	4,910	.....	.....	.....	6,386	7,008	4,910
ME	4,680	4,356	4,191	.....	.....	.....	4,680	4,356	4,191
MD	26,200	25,207	27,884	14,822	13,003	16,133	41,022	38,210	44,017
MA	19,500	17,642	20,090	.....	.....	.....	19,500	17,642	20,090
MI	124,626	123,086	148,667	48,839	47,270	49,476	173,465	170,356	198,143
MN	3,320	5,332	13,223	101,875	106,257	104,374	105,195	111,589	117,597
MS	2,260	1,464	1,527	.....	.....	.....	2,260	1,464	1,527
MO	4,424	5,505	6,106	4,779	7,616	5,636	9,203	13,121	11,742
NV	15,979	13,311	12,396	.....	.....	.....	15,979	13,311	12,396
NH	5,056	4,104	3,876	.....	.....	.....	5,056	4,104	3,876
NJ	112,870	112,630	125,652	9,111	6,381	8,791	121,981	119,011	134,443
NM	50,398	65,554	49,975	.....	.....	.....	50,398	65,554	49,975
NY	108,746	172,054	209,164	44,479	43,304	49,790	153,225	215,358	258,954
NC	64,723	76,241	75,840	.....	.....	.....	64,723	76,241	75,840
ND	5,408	.....	.....	.....	.....	.....	5,408	.....	.....
OH	67,560	74,383	73,295	38,369	33,606	26,036	105,929	107,989	99,331
OK	5,546	5,200	5,076	1,188	1,379	834	6,734	6,579	5,910
OR	91,686	107,907	127,358	78,073	74,364	68,618	169,759	182,271	195,976
PA	40,781	44,148	51,846	.....	10,604	9,162	40,781	54,752	61,008
RI	1,950	2,079	2,640	.....	.....	.....	1,950	2,079	2,640
SC	45,160	37,561	37,466	.....	.....	.....	45,160	37,561	37,466
TN	29,609	32,020	39,161	4,997	6,078	1,019	34,606	38,098	40,180
TX	250,544	225,542	337,117	27,229	26,074	30,020	277,773	251,616	367,137
UT	6,240	8,451	9,050	.....	.....	.....	6,240	8,451	9,050
VT	2,548	2,548	2,184	.....	.....	.....	2,548	2,548	2,184
VA	41,192	65,425	65,016	2,862	935	972	44,054	66,360	65,988
WA	147,591	185,901	192,582	94,590	108,896	112,022	2,242,181	294,797	304,604
WI	21,114	22,012	25,525	133,863	137,426	115,060	154,977	159,438	140,585
Other States [4]	.....	.....	.....	89,549	89,409	75,991	89,549	89,409	75,991
US	6,883,050	8,029,667	8,098,891	1,470,784	1,372,269	1,277,171	8,366,297	9,412,113	9,376,062

[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, 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC. 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

NASS, Crops Branch, (202) 720–2127.

Table 4-5.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989–98

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*
1989	98,510	25	2,495	60.00	149,622	1,492	68.20	101,760	50,140	955.00	47,862
1990	94,600	26	2,436	60.60	147,635	1,424	68.60	97,674	50,600	987.00	49,961
1991	89,300	25	2,246	66.80	149,978	1,370	78.90	108,113	43,820	955.00	41,865
1992	86,120	27	2,351	73.50	172,808	1,376	92.00	126,607	48,720	948.00	46,201
1993	81,150	27	2,203	76.10	167,645	1,252	95.70	119,773	47,540	1,007.00	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	90.00	182,390	1,248	108.00	134,819	38,920	1,220.00	47,571
1998 [3] ...	74,930	27	2,046	103.00	210,672	1,333	126.00	167,964	35,645	1,200.00	42,708

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

NASS, Crops Branch, (202) 720–2127.

Table 4-6.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996–98

State	Area harvested [1]			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	29,000	30,100	32,200	754	813	902	85.80	115.00	140.00
IL	300	200	200	3	2	2	120.00	71.00	149.00
MI	17,500	17,500	17,500	298	263	264	67.50	67.70	62.40
NJ	900	1,000	1,000	36	23	27	107.00	107.00	84.20
WA	23,000	23,000	22,000	828	828	792	76.50	77.50	77.40
Other States [3]	2,860	2,230	2,030	70	97	43	61.40	47.10	76.90
US	73,560	74,030	74,930	1,989	2,026	2,046	78.70	90.00	103.00

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	33	39	40	79.00	80.00	65.00	13,260	11,200	12,000	1,320.00	1,310.00	1,240.00
NJ	36	23	27	107.00	107.00	84.20	.....	.....	.....	.....	.....	.....
WA	268	308	352	114.00	108.00	101.00	28,000	26,000	22,000	1,170.00	1,190.00	1,170.00
Other States [4]	777	878	914	85.50	109.00	139.00	2,520	1,720	1,645	1,140.00	1,140.00	1,270.00
US	1,114	1,248	1,333	92.90	108.00	126.00	43,780	38,920	35,645	1,210.00	1,220.00	1,200.00

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

NASS, Crops Branch, (202) 720–2127.

Table 4-7.—Lima beans for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
GA	3,200	2,500	2,000	93	75	40	31.00	33.00	32.00

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

Table 4-8.—Lima beans for processing: Area, production, and value per ton, by States, 1996–98 [1]

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
US	50,800	54,430	50,740	75,050	80,070	73,960	455.00	458.00	451.00

[1] 1996–98 - CA, DE, IL, MD, MN, NJ, OR, TN, WA, and WI. [2] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 4-9.—Snap beans for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	7,800	4,500	4,700	702	450	447	47.80	52.00	62.90
FL	27,200	30,300	34,300	1,442	1,303	2,195	52.10	49.90	59.00
GA	13,500	12,000	12,000	500	528	624	32.00	30.00	28.00
MD	2,100	1,800	2,500	84	59	113	27.00	30.00	40.00
MI	1,500	1,600	1,700	60	72	85	38.20	29.80	61.00
NJ	3,600	4,100	3,900	144	144	195	32.80	33.60	37.00
NY	3,900	5,100	5,300	156	316	329	49.30	54.80	50.60
NC	6,200	6,500	6,600	186	293	264	30.00	25.00	30.00
OH	1,600	1,600	1,700	80	86	80	28.50	31.00	29.30
SC	1,800	1,700	1,600	40	41	19	45.00	36.00	46.00
TN	8,400	8,200	8,200	361	328	279	29.10	26.50	31.40
VA	5,100	5,100	5,200	204	179	203	20.50	18.40	21.00
Total	82,700	82,500	87,700	3,959	3,799	4,833	41.90	40.50	48.20
HI	160	160	200	5	6	9	100.00	105.00	81.00
US	82,860	82,660	87,900	3,964	3,805	4,842	42.00	40.60	48.20

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

Table 4-10.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Value [1]	
				Per ton	Total
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1989	249,000	3.49	869,700	174.00	151,358
1990	243,130	3.24	787,470	183.00	144,249
1991	231,550	3.32	767,820	176.00	135,269
1992	192,390	3.36	645,900	173.00	112,031
1993	193,530	3.37	652,030	178.00	116,302
1994	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 [2] ...	191,000	3.71	707,770	169.00	119,840

[1] Price and value at processing plant door. [2] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 4-11.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
IL	18,900	11,500	12,500	73,710	42,550	39,130	203.00	210.00	112.00
IN	670	4,000	4,100	1,550	8,960	10,370	147.00	152.00	183.00
MI	21,000	22,800	23,000	69,300	78,660	89,240	164.00	171.00	171.00
NY	20,200	22,800	20,800	70,700	77,520	76,960	186.00	148.00	176.00
OR	22,500	23,300	23,300	134,100	148,190	121,920	186.00	183.00	187.00
PA	6,400	9,100	3,700	19,300	23,000	8,100	235.00	220.00	256.00
WI	65,300	62,800	63,000	243,120	205,100	233,100	148.00	157.00	139.00
Other States [2]	52,080	38,780	40,600	173,140	145,270	128,950	200.00	197.00	186.00
Total	207,050	195,080	191,000	784,920	729,250	707,770	178.00	176.00	169.00

[1] Preliminary. [2] 1996–98 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, OK, TN, TX, VA, and WA.
NASS, Crops Branch, (202) 720–2127.

Table 4-12.—Beets for canning: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
NY	4,200	2,700	2,300	41,580	40,500	27,600	75.20	64.70	78.50
WI	4,400	3,400	2,700	51,480	51,580	42,470	52.70	71.80	45.50
Other States [2]	1,610	1,460	1,690	32,810	31,620	35,460	68.60	60.80	66.80
US	10,210	7,560	6,690	125,870	123,700	105,530	64.30	66.70	61.30

[1] Preliminary. [2] CA, MN, and OR.
NASS, Crops Branch, (202) 720–2127.

Table 4-13.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989–98 [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*
1989	116,800	116	13,513	20.40	276,050	10,744	21.00	225,472	138,450	365.00	50,578
1990	110,800	111	12,345	21.70	268,220	9,893	22.30	220,437	122,600	390.00	47,783
1991	101,000	111	11,190	21.60	242,155	9,368	22.00	206,501	91,100	391.00	35,654
1992	111,400	112	12,447	22.90	284,423	10,602	23.50	248,819	92,290	386.00	35,604
1993	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 [4]	133,000	138	18,398	30.10	554,338	17,275	30.80	532,569	56,148	388.00	21,769

[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.

NASS, Crops Branch, (202) 720–2127.

Table 4-14.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1996–98 [1]

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	10,000	11,000	11,000	960	1,357	1,375	25.70	35.70	35.80
CA	122,000	119,000	121,000	14,640	15,470	16,940	26.60	27.90	29.70
TX	1,500	800	1,000	93	53	83	24.40	33.20	27.00
US	133,500	130,800	133,000	15,693	16,880	18,398	26.50	28.50	30.10

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	960	1,357	1,375	25.70	35.70	35.80	.....	.....	.....	.....	.....	.....
Other States [3]	13,468	14,387	15,900	27.20	28.40	30.40	63,250	56,810	56,148	387.00	423.00	388.00
US	14,428	15,744	17,275	27.10	29.10	30.80	63,250	56,810	56,148	387.00	423.00	388.00

[1] Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. [2] Preliminary. [3] 1996–98—CA and TX.

NASS, Crops Branch, (202) 720–2127.

Table 4-15.—Cabbage for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1 2]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	10,000	13,800	14,000	3,500	4,692	4,900	12.60	14.90	16.10
CO	2,200	2,100	2,300	858	819	920	8.50	7.20	8.20
FL	8,100	7,400	7,500	2,390	2,738	2,025	11.20	14.50	13.00
GA	7,000	8,000	7,500	2,485	2,800	2,475	10.60	8.00	8.30
IL	1,200	1,200	1,300	252	312	338	8.70	9.00	8.25
MD	580	480	580	128	50	70	24.00	14.00	13.00
MI	1,700	1,900	2,000	527	494	520	9.00	7.80	13.30
NJ	2,300	2,100	2,000	759	588	680	15.30	12.40	14.20
NY	10,500	11,200	12,100	4,200	5,376	4,598	8.10	9.70	11.90
NC	7,000	8,500	8,700	1,260	1,700	1,479	9.00	8.50	9.50
OH	1,500	1,400	1,200	495	448	276	12.00	11.00	12.20
PA	2,000	1,800	1,900	320	378	409	10.50	13.00	14.00
TX	10,900	8,500	8,500	4,033	2,890	3,400	10.00	11.70	20.40
VA	1,300	1,200	1,300	377	402	566	9.00	8.00	8.00
WI	5,000	5,000	4,700	1,175	1,450	1,387	4.80	6.90	6.85
Total	71,280	74,580	75,580	22,759	25,137	24,043	10.10	11.00	13.10
HI	640	650	600	141	130	153	18.00	21.00	18.00
US	71,920	75,230	76,180	22,900	25,267	24,196	10.20	11.10	13.10

[1] Preliminary. [2] Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 1996, 484,000 cwt; 1997, 591,000 cwt; and 1998, 404,000 cwt.

NASS, Crops Branch, (202) 720–2127.

Table 4-16.—Cabbage for kraut: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
NY	3,000	2,300	3,000	46,500	69,230	61,800	40.20	46.30	46.40
WI	3,100	2,100	2,600	63,020	80,140	76,280	41.90	43.10	39.80
Other States [2]	1,190	1,090	1,150	32,400	34,300	30,470	46.90	47.80	50.40
US	7,290	5,490	6,750	141,920	183,670	168,550	42.50	45.20	44.10

[1] Preliminary. [2] 1996–98 - MI, OH, OR, and WA.

NASS, Crops Branch, (202) 720–2127.

Table 4-17.—Cantaloups for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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	17,700	18,500	4,071	4,514	4,625	20.80	19.20	14.90
CA	59,000	62,300	63,000	12,980	13,083	13,860	17.90	17.70	18.00
CO	1,700	1,600	1,900	340	352	304	10.80	15.00	13.40
GA	3,500	4,100	5,000	630	574	600	11.90	11.70	16.80
IN	3,400	3,500	3,200	595	455	624	14.60	16.00	16.80
MD	1,300	1,200	1,200	156	132	132	31.00	21.00	20.00
MI	800	950	950	72	143	143	17.00	19.80	19.00
OH	740	660	610	93	109	113	14.80	17.00	18.20
PA	1,000	1,000	1,000	115	120	125	16.50	16.50	17.00
TX	12,000	9,700	10,000	2,520	1,358	2,100	18.70	20.00	31.90
US	101,140	102,710	105,360	21,572	20,840	22,626	18.20	18.00	18.50

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-18.—Carrots for fresh market, commercial crop: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	2,400	2,500	2,500	624	663	625	12.70	13.30	12.50
CA	85,700	83,200	86,500	25,710	29,998	29,843	13.60	13.00	11.50
CO	4,100	4,800	4,000	1,435	2,400	1,600	7.10	10.00	10.60
FL	5,600	7,600	5,600	840	1,216	700	14.90	13.60	16.20
MI	5,000	5,300	5,000	1,300	1,325	1,650	11.80	12.50	13.10
MN	540	1,000	550	124	400	204	12.50	8.60	56.00
NY	600	600	500	132	168	150	15.00	16.00	16.00
ND	1,300	.....	.....	416	.....	.....	13.00	.....	.....
TX	4,900	2,400	4,000	907	396	980	15.30	17.30	20.50
WA	2,500	2,800	3,000	1,050	1,120	1,140	15.00	14.00	14.10
Other States [2]	1,020	1,430	850	698	1,003	657	13.90	13.50	16.00
US	113,660	111,630	112,500	33,236	38,689	37,549	13.40	12.90	12.30

[1] Preliminary. [2] 1996–98— NJ, OH, and OR.

NASS, Crops Branch, (202) 720–2127.

Table 4-19.—Carrots for processing, commercial crop: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per tons*	*Dollars per tons*	*Dollars per tons*
CA	4,300	2,700	4,500	144,010	86,510	141,300	60.40	65.50	66.90
MI	1,600	1,500	1,600	36,800	37,500	30,400	65.10	62.40	59.40
MN	860	1,000	1,000	14,850	20,430	18,400	106.00	81.00	65.00
NY	1,100	1,500	1,200	15,400	25,500	27,600	60.70	61.30	63.90
OR	600	350	480	16,280	8,980	12,370	52.80	56.60	70.00
TX	4,900	3,100	2,700	46,550	62,000	20,250	108.00	78.00	94.00
WA	7,000	7,000	6,500	196,000	210,000	182,000	62.00	64.00	67.00
WI [2]	3,100	3,300	4,000	71,520	80,850	89,160	67.50	72.80	73.80
Other States [3]	2,260	1,910	1,800	49,050	37,680	27,800	62.30	66.40	63.80
US	25,720	22,360	23,780	590,460	569,450	549,280	66.90	67.40	68.30

[1] Preliminary. [2] Mostly processing. [3] 1996 - IA, NJ, ND, and OH. 1997–98 - NJ and OH.

NASS, Crops Branch, (202) 720–2127.

Table 4-20.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1989–98 [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*
1989	67,200	116	7,805	26.10	203,863	6,622	28.10	186,292	59,130	297.00	17,571
1990	65,000	119	7,764	24.20	187,991	6,540	25.10	164,255	61,180	388.00	23,736
1991	55,100	125	6,903	26.80	184,756	6,157	27.10	166,743	37,300	483.00	18,013
1992	55,300	125	6,904	28.10	193,937	6,072	29.00	175,934	41,600	433.00	18,003
1993	60,600	130	7,884	29.20	235,720	7,011	30.90	216,489	43,660	440.00	19,231
1994	58,800	139	8,190	28.20	230,848	7,315	28.70	210,966	42,290	470.00	19,882
1995	53,350	137	7,315	33.20	242,903	6,484	34.60	224,145	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 [4]	45,800	156	7,169	34.30	245,629	5,722	36.20	207,307	72,248	530.00	38,322

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

NASS, Crops Branch, (202) 720–2127.

Table 4-21.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996–98 [1]

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	4,400	3,900	3,900	770	780	819	33.00	33.20	45.80
CA	41,500	37,500	40,000	6,310	5,790	6,000	32.30	31.40	32.80
MI	600	400	500	78	56	75	30.30	25.90	23.80
NY	1,000	1,000	1,400	140	200	273	33.30	34.80	35.30
TX	700	700	.....	56	63	.....	25.10	22.70	.....
US	48,200	43,500	45,800	7,354	6,889	7,167	32.30	31.60	34.30

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [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	770	780	819	33.00	33.20	45.80	.....	.....	.....	.....	.....	.....
OtherStates [3]	6,031	5,543	4,630	33.00	32.10	34.60	27,640	28,300	72,248	477.00	480.00	530.00
US	6,801	6,323	5,722	33.00	32.30	36.20	27,640	28,300	72,248	477.00	480.00	530.00

[1] Includes heading (cauliflower) broccoli. [2] Preliminary. [3] 1996–98—CA, MI, NY, OR, and TX.

NASS, Crops Branch, (202) 720–2127.

Table 4-22.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1996–98 [1]

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	24,500	24,000	24,500	17,150	16,680	17,150	10.60	14.80	12.10
MI	2,300	2,300	2,200	1,196	1,081	968	11.10	13.30	12.70
OH	40	10	.....	19	4	.....	12.20	24.00	.....
TX	1,000	600	500	650	354	300	7.30	12.70	13.90
US	27,840	26,910	27,200	19,015	18,119	18,418	10.50	14.70	12.20

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

NASS, Crops Branch, (202) 720–2127.

Table 4-23.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1989–98 [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*
1989	35,330	574	20,276	13.20	268,266	1994	28,500	660	18,798	11.80	220,892
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 [3]	27,200	677	18,418	12.20	224,012

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

NASS, Crops Branch, (202) 720–2127.

Table 4-24.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1989–98

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*
1989	182,200	91	16,543	16.90	279,260	464,450	6.35	2,949,340	66.90	197,267
1990	193,400	90	17,455	15.00	261,258	490,080	6.37	3,120,610	69.60	217,040
1991	183,200	85	15,527	17.00	264,185	545,860	6.22	3,396,080	71.00	241,112
1992	221,200	84	18,473	14.40	270,576	486,370	6.69	3,251,570	68.20	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	68.50	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]	235,760	105	24,798	17.60	436,828	467,300	6.96	3,250,730	73.60	239,385

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

NASS, Crops Branch, (202) 720–2127.

Table 4-25.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1996–98

Utilization and State	Area harvest			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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	2,500	2,600	1,100	150	130	61	13.30	17.00	16.00
CA	24,100	27,000	28,800	3,736	3,915	4,176	17.60	17.20	15.80
CO	5,600	6,300	6,900	924	1,040	1,104	9.20	8.70	11.00
CT	4,800	4,700	4,500	312	282	293	27.00	24.00	27.00
FL	43,200	42,700	40,300	5,616	5,978	5,642	17.90	21.30	18.30
GA	17,000	18,000	18,000	2,040	2,340	2,700	11.10	10.70	12.90
IL	7,600	7,500	6,800	745	705	530	14.80	14.60	17.60
IN	6,500	6,300	6,000	462	460	414	20.20	21.70	21.10
ME	2,600	2,400	2,300	156	132	127	30.00	33.00	33.00
MA	7,000	7,100	6,500	490	497	423	28.00	26.00	30.00
MI	10,500	11,500	11,500	893	978	863	17.00	17.80	17.20
NH	2,100	1,900	1,700	158	114	102	32.00	36.00	38.00
NJ	10,500	11,500	10,600	714	633	689	21.90	20.10	19.40
NY	27,100	27,300	29,200	2,033	1,993	2,628	14.80	14.90	18.10
NC	6,000	6,500	6,600	630	715	594	13.50	13.50	13.40
OH	14,700	14,200	14,000	1,205	1,051	1,078	17.10	17.40	18.60
OR	2,400	2,600	3,760	360	390	658	13.00	14.00	11.00
PA	17,000	16,000	17,100	1,105	880	1,026	20.50	28.30	29.50
RI	1,000	1,100	1,000	75	77	80	26.00	27.00	33.00
TX	2,800	5,000	4,800	112	250	432	10.00	14.80	19.50
VT	1,400	1,300	1,200	91	98	78	28.00	26.00	28.00
VA	2,000	3,000	3,000	84	84	111	16.80	17.80	34.00
WA	2,600	2,400	2,200	390	336	286	15.00	11.10	13.20
WI	6,800	7,500	7,900	646	563	703	13.70	13.40	15.40
US	227,800	236,400	235,760	23,127	23,641	24,798	16.90	17.70	17.60
FOR PROCESSING	*Acres*	*Acres*	*Acres*	*Tons* [2]	*Tons* [2]	*Tons* [2]	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
ID	17,500	14,300	16,100	161,350	135,850	144,900	76.00	78.50	76.20
IL	22,200	18,000	14,500	137,640	106,200	89,900	104.00	97.90	54.80
MI	3,700	.....	.....	24,980	.....	.....	82.00	.....	.....
MN	120,100	127,200	129,200	719,400	814,080	823,000	78.00	73.00	71.00
NY	40,900	39,300	39,200	224,950	251,520	219,520	72.30	60.10	70.60
OR	48,300	41,000	37,300	438,080	353,000	311,870	84.10	83.80	83.70
PA	2,700	2,700	2,800	17,010	19,200	17,920	60.00	83.80	137.00
WA	75,300	87,700	98,300	680,710	778,780	823,750	76.00	74.70	75.20
WI	115,900	109,600	102,700	701,200	716,780	657,280	78.60	73.90	61.80
Other States [3]	27,600	26,000	27,200	191,010	166,920	162,590	68.70	74.20	93.40
US	474,200	465,800	467,300	3,296,330	3,342,330	3,250,730	78.50	74.90	73.60
Grand total	702,000	702,200	703,060	4,452,680	4,524,380	4,490,630	145.90	147.90	150.60

[1] Preliminary. [2] Tonnage in husk. [3] Processing, 1996 - DE, IA, MD, NJ, and TN. 1997–1998 - DE, IN, IA, MD, NJ, and TN.

NASS, Crops Branch, (202) 720–2127.

Table 4-26.—Cucumbers for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	6,000	6,300	6,300	1,980	1,985	1,890	28.20	24.70	29.80
FL	10,800	10,600	9,200	2,862	3,286	2,668	19.30	20.00	19.10
GA	12,500	13,000	13,000	1,563	2,210	2,600	13.60	12.20	13.90
MD	1,300	1,200	1,300	52	54	98	25.00	21.00	17.00
MI	5,500	6,400	6,500	1,100	1,280	1,430	15.20	14.10	17.30
NJ	2,900	3,200	3,100	435	416	558	15.90	16.80	19.30
NY	3,900	3,000	3,800	390	600	760	17.30	21.40	19.30
NC	5,500	5,500	6,000	550	660	750	13.00	10.00	13.50
SC	2,000	1,700	2,000	240	187	160	23.00	25.00	28.00
TX	1,600	1,700	1,500	112	289	113	13.50	14.50	23.80
VA	4,200	4,400	4,500	504	550	401	12.50	11.50	22.00
Total	56,200	57,000	57,200	9,788	11,517	11,428	18.90	17.60	19.40
HI	400	450	480	48	54	60	43.00	40.00	41.00
US	56,600	57,450	57,680	9,836	11,571	11,488	19.00	17.70	19.50

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-27.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1989–98

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*
1989	124,170	5.18	642,690	204.00	131,082	458,880
1990	115,490	5.66	653,480	209.00	136,313	492,180
1991	104,240	5.98	623,030	210.00	130,847	461,630
1992	102,510	5.44	558,070	211.00	117,585	421,380
1993	109,150	5.38	586,980	215.00	126,255	451,560
1994	116,640	5.43	633,518	219.00	139,044	458,150
1995	116,890	5.22	610,460	222.00	135,803	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 [3]	102,070	6.03	615,310	227.00	139,891	336,770

[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.

NASS, Crops Branch, (202) 720–2127.

Table 4-28.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	6,200	4,200	4,200	43,400	30,200	30,030	370.00	296.00	324.00
CO	900	720	160	7,200	6,080	1,440	150.00	180.00	160.00
FL	6,300	6,100	6,600	56,700	79,300	47,520	432.00	418.00	390.00
IN	2,400	2,000	2,000	10,900	9,940	12,160	157.00	171.00	166.00
MI	26,000	26,000	26,000	137,800	135,200	143,000	156.00	152.00	169.00
NC	13,200	18,000	17,500	60,060	72,000	78,750	230.00	225.00	220.00
OH	3,200	2,900	2,900	37,020	35,550	35,320	312.00	345.00	299.00
SC	4,500	3,800	2,100	14,400	11,400	6,010	205.00	230.00	200.00
TX	11,200	8,300	9,400	28,000	53,950	59,220	383.00	218.00	332.00
WI	4,600	4,200	4,100	24,100	33,180	51,950	224.00	115.00	104.00
Other States [2]	26,700	27,150	27,110	144,109	153,300	149,910	213.00	217.00	207.00
US	105,200	103,370	102,070	563,689	620,100	615,310	248.00	234.00	227.00

[1] Preliminary. [2] 1996-98 - AL, AR, DE, GA, IL, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.

NASS, Crops Branch, (202) 720–2127.

Table 4-29.—Eggplant for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	2,200	2,300	2,200	528	598	528	28.00	26.00	29.40
NJ	900	1,000	1,000	185	195	240	23.60	17.60	25.30
US	3,100	3,300	3,200	713	793	768	26.90	23.90	28.10

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-30.—Escarole/Endive for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	1,900	1,600	1,500	304	280	330	19.00	25.00	35.00
NJ	900	900	900	171	162	149	24.10	22.30	28.40
OH	760	600	530	137	114	101	25.40	23.00	23.70
US	3,560	3,100	2,930	612	556	580	21.90	23.80	31.30

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-31.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1989–98

Year	Area for harvest	Yield per acre	Production	Value [1]	
				Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1989	29,900	172	5,131	12.10	62,334
1990	26,400	171	4,503	18.00	81,218
1991	25,900	144	3,737	18.40	68,895
1992	26,200	181	4,740	13.50	63,811
1993	23,300	163	3,792	18.20	68,888
1994	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 [2]	26,700	191	5,112	20.30	103,680

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

NASS, Crops Branch, (202) 720–2127.

Table 4-32.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	3,800	4,100	3,900	646	718	780	17.20	18.50	15.20
CA	20,300	20,500	20,500	3,451	3,690	3,895	16.50	18.50	19.30
TX	3,200	2,000	2,300	640	420	437	19.30	22.60	38.10
US	27,300	26,600	26,700	4,737	4,828	5,112	17.00	18.90	20.30

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-33.—Head lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ:									
Western	57,000	51,800	51,000	16,245	16,835	17,850	13.10	11.60	16.20
Other	2,400	3,000	3,600	468	510	727	13.60	18.00	23.60
CA	150,500	141,000	142,000	43,645	55,650	44,730	15.40	19.40	14.70
CO	2,700	2,300	2,700	594	759	864	7.00	14.60	10.80
NJ	1,300	1,300	1,300	364	364	260	22.60	27.10	32.20
NM	1,900	2,000	2,900	456	600	740	12.40	22.40	9.35
NY	800	700	600	80	196	165	13.00	15.00	20.00
WA	1,000	900	900	220	180	189	10.00	15.10	14.30
US	217,600	203,000	205,000	62,072	75,094	65,525	14.70	17.60	15.20

[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, 1989–98

Year	Area for harvest	Yield per acre	Production	Value [1]	
				Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1989	243,260	309	75,231	12.60	950,278
1990	231,300	316	73,201	11.50	844,142
1991	222,140	319	70,778	11.40	810,186
1992	215,120	329	70,810	13.00	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	370	75,094	17.60	1,324,119
1998 [2]	205,000	320	65,525	15.20	994,483

[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, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	4,300	5,700	7,000	1,441	1,568	1,890	36.00	31.70	21.00
CA	36,000	42,000	42,000	7,560	8,660	9,030	25.10	28.30	30.80
FL	450	260	250	77	26	44	29.60	29.50	46.00
OH	580	650	670	110	133	124	24.70	25.50	26.10
US	41,330	48,610	49,920	9,188	10,387	11,088	26.80	28.80	29.10

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-36.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	7,400	8,200	9,800	1,776	2,624	3,038	19.50	19.50	21.00
CA	23,500	25,000	29,000	6,463	7,000	8,120	18.60	19.20	22.00
FL	1,400	600	1,000	231	129	225	19.10	20.10	40.00
OH	500	550	650	98	105	117	24.70	26.50	24.40
US	32,800	34,350	40,450	8,568	9,858	11,500	18.90	19.40	22.10

[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, 1996–98

Crop	Area harvested			Production			Value per unit		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
Artichokes	8,900	9,300	10,700	890	930	910	73.50	79.50	69.10
Brussels Sprouts	3,800	3,200	3,200	684	512	512	29.40	41.40	43.50
Garlic	35,000	33,000	34,000	6,125	5,610	4,930	32.10	47.90	34.80

NASS, Crops Branch, (202) 720–2127.

Table 4-38.—Onions (fresh market): Foreign trade, United States, 1988–97 [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.*
1988	3,404	2,494	1993	5,729	4,397
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

[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, total value, stocks, United States, 1989–98 [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*
1989	132,660	361	47,902	4,433	11.40	496,971
1990	138,340	382	52,781	6,141	10.50	488,786
1991	133,970	378	50,702	4,107	12.50	582,556
1992	141,730	386	54,731	6,206	13.00	629,019
1993	158,080	380	60,124	8,343	14.30	856,963
1994	164,650	397	65,313	6,138	9.80	639,397
1995	166,800	392	65,374	7,219	9.90	645,748
1996	166,210	386	64,106	6,678	10.50	604,789
1997	165,910	414	68,769	7,640	11.90	728,772
1998 [4]	164,140	397	65,131	6,865	14.30	830,876

[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, 1996–98 [1]

Season and State	Area harvested			Production			Shrinkage and loss			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
Spring:												
AZ	1,900	2,100	2,500	760	746	1,175	.....	.....	.....	8.60	12.60	15.30
CA	9,600	9,600	6,800	3,696	4,320	2,992	.....	.....	.....	9.80	14.30	17.30
GA	14,700	15,800	13,900	1,764	3,476	2,224	.....	.....	.....	30.50	25.60	30.90
TX	13,000	9,800	11,400	4,030	2,107	2,907	.....	.....	.....	9.70	16.90	21.70
Total	39,200	37,300	34,600	10,250	10,649	9,298	.....	.....	.....	13.20	18.40	21.70
Summer:												
Non-storage:												
NV	1,900	1,700	2,100	1,102	918	924	.....	.....	.....	14.50	14.50	14.00
NM	7,100	7,700	7,200	3,266	3,619	3,312	.....	.....	.....	13.70	14.40	13.00
TX	4,200	4,000	4,000	924	1,040	1,160	.....	.....	.....	12.90	14.00	23.40
WA	700	900	850	266	333	255	.....	.....	.....	21.20	17.40	26.00
Non-storage total	13,900	14,300	14,150	5,558	5,910	5,651	.....	.....	.....	14.10	14.50	15.80
Storage:												
CA [3]	33,500	31,300	30,000	14,405	13,772	13,200	292	278	250	7.70	7.80	9.20
CO	16,000	15,300	16,000	5,200	5,355	6,080	1,404	1,178	1,090	13.60	11.80	15.60
ID	8,600	8,200	8,000	5,590	5,658	4,640	1,006	1,500	930	10.20	10.20	14.40
MI	5,800	4,900	4,500	1,798	1,568	1,215	359	313	243	10.80	8.90	11.00
MN	520	600	470	114	180	150	3	3	3	8.00	8.20	8.00
NY	11,400	12,200	12,500	2,736	3,660	3,750	391	351	375	9.80	12.70	15.30
OH	490	510	520	186	212	161	19	20	20	8.00	9.00	9.30
OR (Malheur)	12,000	12,000	12,000	7,080	7,440	6,120	1,487	1,860	1,450	10.10	10.40	14.80
OR (Other)	6,300	7,400	7,500	2,394	3,330	3,300	335	553	558	9.10	10.30	14.40
UT	2,100	2,300	2,400	987	1,116	1,056	207	160	160	8.00	8.80	10.10
WA	14,500	17,500	19,500	7,105	9,100	9,750	1,105	1,350	1,710	9.14	12.10	12.70
WI	1,900	2,100	2,000	703	819	760	70	74	76	10.50	6.00	7.60
Storage total	113,110	114,310	115,390	48,298	52,210	50,182	6,678	7,640	6,865	9.39	10.00	12.50
Total summer	127,010	128,610	129,540	53,856	58,120	55,833	6,678	7,640	6,865	9.95	10.60	12.90
US	166,210	165,910	164,140	64,106	68,769	65,131	6,678	7,640	6,865	10.50	11.90	14.30

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

NASS, Crops Branch, (202) 720–2127.

Table 4-41.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Value [1]	
				Per ton	Total
	Acres	*Tons* [2]	*Tons*	*Dollars*	*1,000 dollars*
1989 ..	316,500	1.59	504,660	238.00	119,963
1990 ..	341,100	1.55	528,150	249.00	131,494
1991 ..	332,800	1.48	491,110	261.00	128,071
1992 ..	332,820	1.71	569,400	239.00	135,954
1993 ..	228,600	1.54	351,080	260.00	88,004
1994 ..	289,410	1.69	488,580	320.00	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	480,090	288.00	138,496
1998 [3]	273,000	1.77	483,840	282.00	136,622

[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, 1996–98

State	Area harvested			Production [2]			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
MN	77,500	75,200	72,900	123,230	111,300	118,100	315.00	364.00	334.00
NY	14,400	18,200	17,500	27,650	40,220	38,500	306.00	210.00	330.00
OR	22,100	27,800	30,600	36,240	42,810	49,390	232.00	235.00	243.00
WA	42,200	53,700	55,100	82,290	104,720	110,200	248.00	242.00	245.00
WI	54,700	58,000	53,600	88,070	104,400	92,190	294.00	312.00	237.00
Other States [3]	38,900	38,300	43,300	60,192	76,640	75,460	281.00	281.00	313.00
US	249,000	271,200	273,000	417,672	480,090	483,840	285.00	288.00	282.00

[1] Preliminary. [2] Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. [3] 1996–98 - 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, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	25,500	21,000	22,000	7,650	6,300	6,270	22.70	24.60	27.20
FL	20,400	19,700	19,100	6,120	5,910	5,635	36.40	42.60	43.60
LA	600	400	380	90	80	72	24.00	25.00	23.00
MI	2,000	1,700	1,900	400	374	399	18.40	20.90	24.00
NJ	4,300	4,200	4,100	946	1,092	943	25.30	26.40	29.70
NC	7,300	5,500	5,700	657	660	456	21.00	25.00	24.00
OH	1,200	1,400	1,400	180	203	266	23.20	30.50	26.90
TX	4,000	1,600	1,500	540	280	180	32.30	34.60	36.00
VA	800	700	700	56	60	88	18.00	28.00	38.00
US	66,100	56,200	56,780	16,639	14,959	14,309	28.00	32.10	33.80

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-44.—Potatoes: Area, yield, production, season average price, and value, United States, 1989–98

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*
1989	1,305.0	1,281.5	289	370,444	7.35	2,713,663
1990	1,399.7	1,370.6	293	402,110	6.08	2,430,983
1991	1,407.5	1,374.4	304	417,622	4.96	2,042,899
1992	1,339.3	1,315.0	323	425,367	5.52	2,336,478
1993	1,389.9	1,321.2	326	430,349	6.17	2,636,650
1994	1,421.8	1,385.1	339	469,425	5.58	2,590,257
1995	1,400.7	1,376.1	323	445,099	6.77	2,991,722
1996	1,454.7	1,425.9	350	499,254	4.91	2,425,263
1997	1,383.5	1,353.6	345	467,091	5.64	2,621,733
1998 [2]	1,423.4	1,394.4	343	477,754	5.24	2,492,654

[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, 1988–97

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.*
1988	356,438	25,973	5,810	24,842	325,786
1989	370,444	27,025	5,722	24,974	339,748
1990	402,110	28,061	5,949	28,329	367,832
1991	417,622	27,021	5,995	32,429	379,198
1992	425,367	28,275	5,923	33,807	385,637
1993	430,349	29,031	5,931	30,152	392,610
1994	469,425	29,348	5,878	37,166	424,010
1995	445,099	30,582	5,745	29,530	408,331
1996	499,254	29,077	6,221	41,222	451,190
1997 [2]	467,091	29,562	5,464	32,186	427,887

[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, 1988–97

Crop year	Production	Total stocks					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
1988	305,623	206,420	177,750	151,050	124,485	92,585	59,355
1989	316,097	202,050	173,550	144,290	116,600	84,320	50,675
1990	344,200	225,500	194,460	162,850	134,470	101,150	63,040
1991	363,541	242,070	211,005	178,515	145,820	108,865	69,110
1992	368,516	246,820	215,990	184,560	152,795	115,785	75,040
1993	376,954	249,410	217,300	185,490	153,435	115,170	72,860
1994	410,839	273,290	238,560	202,470	165,570	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	147,585	103,210
1997 [1]	413,513	278,830	246,550	212,562	175,870	134,190	92,840

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-47.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1996–98

Season and State	Area harvested			Production			Price for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996 [1]	1997 [1]	1998 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
Winter:									
CA	5.7	6.6	7.0	1,425	1,551	1,540	21.10	18.10	.....
FL	8.8	9.4	8.0	1,848	1,880	1,440	24.60	16.90	.....
Total	14.5	16.0	15.0	3,273	3,431	2,980	23.10	17.50	.....
Spring:									
AL	1.9	1.6	1.7	304	272	221	9.95	10.80	.....
AZ	9.0	6.5	8.1	2,475	1,820	2,284	10.20	8.75	.....
CA	20.1	20.7	18.5	7,538	8,073	6,198	13.00	9.85	.....
FL	35.5	32.7	34.5	7,765	7,150	7,358	10.50	10.90	.....
Hastings	27.5	23.9	24.5	6,325	5,258	5,758	9.50	10.70	.....
Other	8.0	8.8	10.0	1,440	1,892	1,600	14.80	11.80	.....
NC	17.0	17.3	17.5	3,230	3,287	3,325	6.75	6.55	.....
TX	6.5	8.7	10.3	1,105	1,697	1,751	8.90	8.10	.....
Total	90.0	87.5	90.6	22,417	22,299	21,137	10.70	9.50	.....
Summer:									
AL	5.7	4.6	4.3	855	690	559	8.90	7.90	.....
CA	5.8	5.9	6.1	2,088	2,124	2,257	14.60	14.50	.....
CO	9.8	7.6	8.2	3,381	2,584	2,870	4.10	5.30	.....
DE	5.2	4.7	4.6	1,248	964	1,012	7.95	8.25	.....
IL	6.0	4.6	4.9	1,650	1,495	1,421	4.70	5.50	.....
IA	1.7	1.5	1.3	349	308	306	4.80	5.45	.....
MD	2.6	3.4	4.6	559	816	1,081	6.60	6.85	.....
MO	7.3	6.0	8.8	1,643	1,500	1,892	5.80	5.30	.....
NE	5.5	4.1	4.4	1,485	1,599	1,606	4.15	5.15	.....
NJ	2.5	2.5	2.6	663	650	702	6.50	6.50	.....
NM	3.9	3.9	3.7	1,404	1,248	962	6.10	6.95	.....
NC	1.2	1.2	1.1	108	120	105	7.75	8.00	.....
TX	9.5	8.5	8.2	2,280	2,805	3,116	10.90	12.10	.....
VA	6.5	6.5	6.0	1,463	1,268	1,380	9.10	10.80	.....
Total	73.2	65.0	68.8	19,176	18,171	19,269	7.48	8.15	.....
Fall:									
CA	11.5	10.5	10.3	4,600	4,200	3,708	4.80	8.10	.....
CO	77.8	76.9	75.7	29,175	24,993	25,360	1.60	4.50	.....
ID	413.0	398.0	413.0	142,800	140,314	139,650	3.85	4.50	.....
10 S.W. counties	28.0	27.0	28.0	11,900	12,690	12,600	.....	.....	.....
Other counties	385.0	371.0	385.0	130,900	127,624	127,050	.....	.....	.....
IN	5.2	4.5	5.0	1,352	1,170	1,600	6.10	6.15	.....
ME	77.0	72.0	64.5	21,175	19,080	18,060	4.60	6.40	.....
MA	2.6	3.0	3.0	676	810	660	5.65	7.70	.....
MI	46.0	47.5	47.5	13,800	14,250	14,725	5.80	6.45	.....
MN	82.0	73.0	73.0	24,600	20,440	21,170	4.65	5.55	.....
MT	10.2	10.4	10.6	3,213	3,328	3,180	6.60	7.05	.....
NE	12.4	19.9	21.8	4,402	7,761	8,175	5.35	6.35	.....
NV	7.9	6.9	6.9	3,160	2,967	2,726	3.45	4.50	.....
NM	6.4	6.1	5.9	2,560	2,379	2,242	4.60	5.50	.....
NY	26.5	26.0	27.0	7,420	7,150	7,290	7.40	8.75	.....
ND	131.0	110.0	122.0	28,820	22,000	28,670	4.70	5.65	.....
OH	5.1	5.2	4.8	1,275	1,170	1,200	7.35	8.25	.....
OR	61.0	55.5	58.0	30,124	27,319	26,229	4.60	5.20	.....
Malheur County	13.3	10.9	11.4	5,320	4,796	4,560	5.30	5.05	.....
Other counties	47.7	44.6	46.6	24,804	22,523	21,669	4.45	5.25	.....
PA	16.0	13.5	14.0	4,160	3,173	3,360	6.95	8.20	.....
RI	0.8	0.8	0.7	192	216	147	6.50	7.60	.....
SD	4.8	4.4	4.8	1,344	968	1,248	5.05	4.90	.....
UT	4.2	3.3	2.6	1,176	957	728	4.90	4.35	.....
WA	161.0	152.0	165.0	94,990	88,160	93,225	4.75	4.90	.....
WI	85.0	85.0	83.5	33,150	30,175	30,895	4.35	5.70	.....
WY	0.8	0.7	0.4	224	210	120	7.00	5.05	.....
Total	1,248.2	1,185.1	1,220.0	454,388	423,190	434,368	4.35	5.20	.....
US	1,425.9	1,353.6	1,394.4	499,254	467,091	477,754	4.92	5.62	.....

[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 1996 and 1997

State	Crop of 1996					
	Dec. 1, 1996	Jan. 1, 1997	Feb. 1, 1997	Mar. 1, 1997	Apr. 1, 1997	May 1, 1997
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
CA	3,500	3,000	2,500	2,200	1,700	1,100
CO	23,100	20,700	18,100	15,500	12,900	9,900
ID	102,000	92,000	82,000	70,000	56,000	41,000
ME	16,900	15,300	13,100	11,200	8,400	5,300
MI	8,000	6,600	4,600	3,300	1,900	1,000
MN	16,500	14,900	13,200	11,000	8,500	5,500
MT	3,050	2,950	2,850	2,700	1,900	300
NE	3,160	2,800	2,440	(1) 1,930	(1) 1,025	(1) 390
NY	3,700	2,400	1,400	800	350	160
ND	20,500	18,000	15,000	12,400	10,000	7,300
OH	290	170	90	(1)	(1)	(1)
OR	23,600	21,500	19,000	16,000	13,300	9,200
PA	2,800	1,800	1,300	880	410	160
WA	48,000	42,000	36,500	30,000	23,000	16,500
WI	20,000	17,200	14,000	11,300	8,200	5,400
15 State total	295,100	261,320	226,080	189,210	147,585	103,210

State	Crop of 1997 [2]					
	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	(1) 2,430	(1) 1,210	(1) 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	(1)	(1)	(1)
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	18,200	16,800	13,200	10,600	7,600	4,500
15 State total	278,830	246,550	212,562	175,870	134,190	92,840

[1] Combined to prevent possible disclosure of individual operations. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-49.—Frozen French fries: U.S. imports from principal suppliers for marketing years, 1994–97 [1]

Countries	1994	1995	1996	1997
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*
Canada	144,796	159,854	248,576	336,293
Australia	0	0	0	1,370
Mexico	0	1	0	.....
Netherlands	0	0	321	929
New Zealand [2]	15	168	0	.....
Other	.....	.....	.....	166
Total	144,811	160,023	248,897	338,758

[1] July through June. [2] Excludes Cook, Niue, and Tokelau.

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

Table 4-50.—Potatoes: Utilization, United States, crop years 1990–97

Item	1990	1991	1992	1993 [1]
SALES	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Table stock	119,545	126,953	127,215	123,802
For processing:				
Chips and shoestring	44,489	45,850	48,455	48,987
Dehydration	38,838	40,395	38,078	40,795
Frozen french fries	108,455	111,128	112,496	121,087
Other frozen products	23,915	23,097	23,016	25,190
Canned potatoes	2,526	2,465	2,710	1,879
Other canned products (hash, stews, soups)	2,075	1,886	2,557	2,458
Starch and flour	1,699	1,739	1,610	1,691
Total	221,997	226,560	228,922	242,087
Other sales:				
Livestock feed	3,264	3,652	3,928	2,498
Seed	23,026	22,033	23,529	24,223
Diversion	.....	.....	2,043	.....
Total	26,290	25,685	29,500	26,721
Total sales	367,832	379,198	385,637	392,610
NON-SALES				
Seed used on farms where grown	5,035	4,988	4,746	4,808
Household use	914	1,007	1,177	1,123
Shrinkage and loss	28,329	32,429	33,807	30,152
Total non-sales	34,278	38,424	39,730	36,083
Total production	402,110	417,622	425,367	428,693

Item	1994 [1]	1995 [1]	1996 [1]	1997 [1]
SALES	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Table stock	133,989	124,482	130,907	130,508
For processing:				
Chips and shoestring	49,299	47,284	48,305	48,130
Dehydration	41,381	45,065	54,261	48,389
Frozen french fries	136,531	129,029	145,489	131,628
Other frozen products	26,362	27,073	28,972	33,397
Canned potatoes	2,503	3,342	2,785	2,822
Other canned products (hash, stews, soups)	3,006	2,385	2,167	2,675
Starch and flour	2,176	1,668	1,956	1,311
Total	261,258	255,846	283,935	268,352
Other sales:				
Livestock feed [2]	4,147	3,224	12,073	3,603
Seed	24,616	24,779	24,275	25,424
Total	28,763	28,003	36,348	29,027
Total sales	424,010	408,331	451,190	427,887
NON-SALES				
Seed used on farms where grown	4,732	4,783	4,801	4,138
Household use	1,146	962	1,420	1,326
Shrinkage and loss	37,166	29,530	41,222	32,186
Total non-sales	43,044	35,275	47,443	37,650
Total production	467,054	443,606	498,633	465,537

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

Table 4-51.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1997 [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	1,584	189	.....	65	1,519
FL	1,540	238	.....	9	1,531
Total	3,124	427	.....	74	3,050
Spring:					
AL	263	27	.....	4	259
AZ	1,705	164	5	20	1,680
CA	8,280	416	42	496	7,742
FL	6,641	957	1	33	6,607
Hastings	5,145	689	1	21	5,123
Other	1,496	268	.....	12	1,484
NC	3,300	245	25	102	3,173
TX	1,560	130	39	31	1,490
Total	21,749	1,939	112	686	20,951
Summer:					
AL	885	85	9	44	832
CA	2,124	183	9	26	2,089
CO	2,584	202	5	143	2,436
DE	966	71	5	39	922
IL	1,495	128	22	38	1,435
IA	273	18	4	12	257
MD	952	64	29	29	894
MO	1,479	182	1	15	1,463
NE	1,677	99	.....	75	1,602
NJ	594	26	3	18	573
NM	1,376	86	5	55	1,316
NC	120	15	3	3	114
TX	1,887	107	6	38	1,843
VA	1,463	119	1	51	1,411
Total	17,875	1,385	102	586	17,187
Fall:					
CA	4,200	206	20	340	3,840
CO	24,993	1,895	1,340	2,773	20,880
ID	140,314	8,500	1,130	9,258	129,926
IN	1,323	106	12	97	1,214
ME	19,170	1,386	275	1,760	17,135
MA	756	61	.....	40	716
MI	14,250	900	200	1,300	12,750
MN	20,440	1,640	450	1,717	18,273
MT	3,328	244	152	208	2,968
NE	7,527	424	183	369	6,975
NV	2,967	140	50	356	2,561
NM	2,646	155	64	265	2,317
NY	7,700	660	138	362	7,200
ND	21,525	2,210	365	2,220	18,940
OH	1,175	103	8	37	1,130
OR	27,161	1,332	195	1,555	25,411
Malheur County	4,796	276	5	55	4,736
Other counties	22,365	1,056	190	1,500	20,675
PA	3,190	285	79	176	2,935
RI	216	14	.....	3	213
SD	1,050	80	10	90	950
UT	915	68	1	65	849
WA	88,160	3,648	300	6,400	81,460
WI	29,643	1,743	275	1,418	27,950
WY	140	11	3	31	106
Total	422,789	25,811	5,250	30,840	386,699
US	465,537	29,562	5,464	32,186	427,887

[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, 1994/95–1996/97

Item and country	Year beginning October		
	1994/95	1995/96	1996/97
Exports	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Netherlands	0	351	156
United Kingdom	0	359	869
Other countries	669	124	152
Total[2]	669	834	1,177
Latin America:			
Mexico	16,481	27,721	22,873
Venezuela	3,243	418	179
Other countries	1,007	2,312	676
Total[2]	20,731	30,451	23,728
Bermuda and Caribbean:			
Bahamas	294	584	371
Barbados	290	806	931
Bermuda	114	39	260
Dominican Republic	152	1,114	2,210
Jamaica	117	502	1,368
Other countries	657	413	253
Total[2]	1,624	3,458	5,393
Other countries:			
Canada	232,666	225,543	257,866
Hong Kong	1,823	2,894	2,351
Russian Federation	4,718	5,936	3,940
Singapore	1,329	2,352	2,316
Other countries	2,023	3,070	2,498
Total[2]	242,559	239,795	268,971
Grand total[2]	265,583	274,538	299,260
Imports			
Certified seed:			
Canada	99,720	136,546	114,218
Others	1	90	14
Total	99,721	136,636	114,232
Other potatoes:			
Canada	146,721	353,273	210,604
Others	39	19	88
Total	146,760	353,292	210,692
Grand total	246,481	489,928	324,924

[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, 1988–97[1]

Year beginning July	Imports for consumption	Domestic exports
	1,000 cwt.	*1,000 cwt.*
1988	5430	2,243
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

[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, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	9,000	15,200	15,000	1,350	2,660	2,400	30.90	31.20	36.10
CO	2,500	2,000	1,900	150	104	95	28.60	32.00	40.00
MD	1,400	1,200	1,600	70	107	80	15.00	41.00	35.00
NJ	2,100	1,900	2,000	210	238	180	28.20	25.60	36.90
TX	2,800	2,400	2,500	154	156	225	24.40	35.40	39.40
US	17,800	22,700	23,000	1,934	3,265	2,980	29.30	31.30	36.50

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-55.—Spinach for processing: Area, production, and value per ton, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
TX	7,500	4,700	5,000	70,050	44,650	42,500	86.30	93.50	95.00
Other States [2]	8,110	9,620	7,700	73,800	83,040	67,690	114.00	110.00	149.00
US	15,610	14,320	12,700	143,850	127,690	110,190	101.00	105.00	128.00

[1] Preliminary. [2] 1996 - AR, CA, OK, TN, and WI. 1997–98 - AR, CA, NY, OH, OK, PA, TN, VA, and WI.
NASS, Crops Branch, (202) 720–2127.

Table 4-56.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Price [1]	Value of production
	1,000 acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1989	86.0	132	11,358	16.40	186,279
1990	89.5	141	12,594	9.70	121,962
1991	77.8	144	11,203	13.30	149,367
1992	82.4	146	12,005	12.20	146,499
1993	80.0	138	11,027	15.10	166,828
1994	82.7	162	13,380	14.00	187,383
1995	83.1	154	12,821	15.90	204,658
1996	83.7	158	13,216	14.40	190,529
1997	82.1	162	13,327	15.80	211,177
1998 [2]	83.8	142	11,887	15.80	187,327

[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, 1996–98

State	Area harvested			Production			Price for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
AL	4.2	3.6	3.7	714	540	629	12.10	20.50	18.10
CA	9.6	9.7	9.1	2,160	1,989	1,866	26.10	28.00	27.00
GA	1.3	0.8	0.7	260	120	70	10.60	15.40	16.50
LA	21.0	20.0	20.0	3,360	3,400	2,000	13.10	14.40	14.50
MS	8.1	8.4	9.7	1,296	1,092	1,358	12.60	18.50	19.50
NJ	1.2	1.1	1.0	156	116	105	17.90	20.40	22.00
NC	31.0	31.0	32.0	4,340	4,960	5,440	10.70	10.80	10.90
SC	1.3	1.1	1.1	117	121	99	14.70	15.40	13.40
TX	5.5	5.8	6.0	743	899	210	14.40	16.20	22.40
VA	0.5	0.6	0.5	70	90	110	10.90	11.60	11.70
US	83.7	82.1	83.8	13,216	13,327	11,887	14.40	15.80	15.80

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

Table 4-58.—Taro: Area, yield, total production, price, and value, Hawaii, 1989–98 [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 pounds*
1989	430		6,500	0.307	1,996
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 [2]	490		6,000	0.530	3,180

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

NASS, Crops Branch, (202) 720–2127.

Table 4-59.—Tomatoes: Foreign trade, United States, 1988–97

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*
1988	830,078	157,403	225,628	180,948	11,945	62,730	22,139	8,727
1989	905,428	119,090	163,196	177,177	4,892	84,595	30,302	13,033
1990	807,239	151,944	93,572	293,056	6,452	81,974	79,305	17,025
1991	460,778	111,220	52,027	343,480	25,461	163,353	131,966	24,694
1992	824,806	122,593	69,157	351,410	44,953	185,414	147,292	24,468
1993	885,824	131,347	95,708	329,577	48,176	241,118	171,550	33,877
1994	1,456,261	189,042	50,898	321,828	51,704	266,491	198,165	30,802
1995	1,702,019	221,894	33,590	288,021	59,312	252,503	193,215	51,006
1996	1,678,129	215,112	31,818	282,252	79,466	279,464	284,377	24,456
1997	1,794,809	186,099	23,601	332,416	55,165	319,959	298,407	23,052

[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, 1989–98

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*
1989	141,730	254	35,962	33.20	1,192,198	320,850	29.56	9,484,470	69.30	657,284
1990	134,590	251	33,800	27.40	925,047	354,700	29.19	10,355,260	67.80	702,367
1991	131,710	258	33,988	31.70	1,078,763	355,980	30.54	10,872,990	66.40	722,114
1992	131,910	296	39,033	35.80	1,396,950	273,910	32.04	8,777,430	70.80	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	605,107
1998 [3]	114,510	273	31,258	35.00	1,095,451	299,760	31.34	9,394,810	57.70	542,510

[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, 1996–98

Utilization and State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [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	2,400	2,100	1,200	312	315	192	22.00	24.00	31.00
AR	1,000	1,100	1,400	130	231	336	38.00	34.00	34.50
CA	37,400	34,000	32,000	10,472	9,860	8,640	24.80	26.50	32.80
FL	40,800	39,200	40,600	14,484	13,720	13,804	30.90	35.50	36.70
GA	3,000	3,500	3,500	1,200	1,470	910	24.30	25.70	31.50
IN	1,600	1,600	1,500	216	232	240	46.20	43.80	52.00
LA	310	310	260	47	59	42	40.00	50.00	45.00
MD	2,000	2,000	2,100	270	260	315	35.00	28.00	32.00
MA	450	420	450	68	59	74	85.00	80.00	100.00
MI	2,400	2,500	2,700	432	400	540	24.20	24.20	38.50
NJ	4,100	3,900	3,900	697	722	741	33.80	36.70	39.20
NY	1,900	3,200	3,300	152	384	462	22.10	29.10	29.00
NC	1,800	2,000	2,200	450	600	616	27.00	24.50	27.00
OH	3,300	3,400	3,000	842	646	735	26.60	46.00	38.70
PA	4,400	3,800	4,400	660	494	528	19.50	25.00	26.00
SC	3,400	3,200	3,200	1,020	640	896	33.00	35.10	27.00
TN	3,700	3,600	3,200	796	864	800	24.00	27.00	38.00
TX	2,800	1,300	1,400	308	260	140	18.00	34.00	37.80
VA	3,600	3,700	3,800	1,008	1,462	1,151	24.70	33.80	35.00
Total	120,360	114,830	114,110	33,564	32,678	31,162	28.10	31.70	35.00
HI	280	360	400	70	99	96	53.00	53.00	54.00
US	120,640	115,190	114,510	33,634	32,777	31,258	28.20	31.70	35.00
FOR PROCESSING	*Acres*	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	313,000	260,000	280,000	10,658,741	9,342,309	8,892,800	61.10	59.50	56.20
CO [2]	220	.....	.....	3,900	.....	.....	110.00	.....	.....
IN	6,400	6,400	7,100	180,480	157,440	156,200	85.00	87.30	88.00
MI	4,400	4,300	2,300	143,000	133,300	82,800	73.70	73.30	84.00
OH	10,500	8,900	6,300	307,650	252,670	169,090	78.90	73.70	81.40
PA	800	1,100	1,300	22,300	27,010	33,800	95.90	77.00	80.00
Other States [3]	3,820	2,690	2,760	91,230	60,530	60,120	77.50	83.00	92.60
US	339,140	283,390	299,760	11,407,301	9,973,259	9,394,810	62.30	60.70	57.70
Grand total	459,780	398,580	414,270	13,089,001	11,612,109	10,957,710	126.70	141.70	149.50

[1] Preliminary. [2] Estimate discontinued. [3] 1996–98 - DE, IL, MD, NJ, NY, TX, and VA.

NASS, Crops Branch, (202) 720–2127.

Table 4-62.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1997

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	.....	20	20	.....	72	72	1	11	12
Asparagus	.....	34	34	.....	57	57	.....	82	82	.....	34	34
Beans	.....	113	113	.....	103	103	.....	299	299	.....	69	69
Beets	.....	1	1	.....	2	2	.....	133	133	.....	2	2
Broccoli	14	209	223	95	176	271	184	268	452	98	150	248
Brussels sprouts	.....	5	5	.....	9	9	.....	38	38	.....	1	1
Cabbage	.....	315	315	.....	266	266	5	772	777	2	220	222
Carrots	30	243	273	322	339	661	490	473	963	173	150	323
Cauliflower	1	97	98	37	123	160	71	167	238	36	61	97
Celery	25	285	310	159	213	372	282	336	618	157	237	394
Chinese cabbage	.....	17	17	.....	16	16	.....	6	6	.....	9	9
Corn, sweet	.....	290	290	.....	331	331	11	317	328	8	205	213
Cucumbers	.....	312	312	.....	536	536	.....	700	700	.....	224	224
Eggplant	.....	42	42	.....	87	87	.....	357	357	.....	55	55
Endive	.....	8	8	.....	7	7	.....	160	160	.....	8	8
Escarole	.....	2	2	.....	8	8	.....	160	160	.....	14	14
Garlic	.....	8	8	.....	43	43	.....	131	131	.....	22	22
Greens	.....	136	136	2	87	89	.....	308	308	.....	90	90
Lettuce, iceberg	53	812	865	345	1,145	1,490	649	727	1,376	318	705	1,023
Lettuce, romaine	.....	168	168	48	312	360	70	459	529	35	213	248
Lettuce, other	1	86	87	1	149	150	.....	282	282	.....	70	70
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mushrooms	.....	33	33	.....	166	166	.....	120	120	.....	38	38
Okra	.....	.....	.....	.....	.....	.....	.....	28	28	.....	.....	.....
Onions, dry	63	674	737	266	786	1,052	508	976	1,484	137	581	718
Onions, green	.....	44	44	.....	43	43	.....	78	78	.....	30	30
Parsley	.....	14	14	.....	27	27	.....	55	55	.....	15	15
Peas, green	.....	7	7	.....	21	21	.....	18	18	.....	6	6
Peas, other	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	.....	256	256	22	576	598	12	722	734	6	329	335
Peppers, other	.....	5	5	.....	13	13	.....	118	118	.....	16	16
Potatoes, table	261	1,221	1,482	920	1,897	2,817	2,247	1,521	3,768	803	1,301	2,104
Potatoes, chipper	53	.....	53	.....	2	2	41	.....	41	45	.....	45
Potatoes, seed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pumpkins	.....	20	20	.....	26	26	.....	2	2	.....	10	10
Radishes	.....	27	27	.....	40	40	.....	60	60	.....	18	18
Spinach	.....	22	22	.....	56	56	.....	184	184	.....	12	12
Squash	.....	125	125	.....	363	363	.....	311	311	.....	87	87
Sweet potatoes	.....	135	135	.....	80	80	.....	264	264	.....	53	53
Tomatoes	5	747	752	47	1,220	1,267	78	1,253	1,331	48	950	998
Tomatoes, cherry	.....	21	21	.....	72	72	.....	47	47	.....	49	49
Turnips-rutabagas	.....	11	11	.....	43	43	.....	33	33	.....	5	5
Vegetables, other	.....	.....	.....	.....	.....	.....	.....	8	8	.....	.....	.....
Total	506	6,551	7,057	2,264	9,460	11,724	4,648	12,045	16,693	1,867	6,050	7,917
Melons:												
Cantaloups	13	414	427	79	488	567	168	424	592	81	254	335
Honeydews	1	172	173	23	191	214	56	219	275	26	132	158
Mixed and miscellaneous	.....	5	5	2	9	11	7	17	24	1	6	7
Watermelons	2	556	558	4	422	426	90	603	693	37	494	531
Total	16	1,147	1,163	108	1,110	1,218	321	1,263	1,584	145	886	1,031
Grand total	522	7,698	8,220	2,372	10,570	12,942	4,969	13,308	18,277	2,012	6,936	8,948

[1] Includes Washington. [2] Includes Newark. [3] Estimated percentages of completeness for reported truck arrivals for 1997 are as follows: Baltimore 92, Boston 84, New York 65, and Philadelphia 88.

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

Table 4-63.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1997

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	.....	7	7	.....	42	42	.....	64	64	.....	77	77
Asparagus	.....	21	21	.....	77	77	3	52	55	.....	102	102
Beans	.....	81	81	.....	229	229	.....	161	161	.....	121	121
Beets	.....	.....	.....	.....	27	27	.....	22	22	.....	25	25
Broccoli	.....	198	198	162	275	437	.....	408	408	.....	293	293
Brussel sprouts	.....	.....	.....	.....	11	11	.....	14	14	.....	12	12
Cabbage	.....	459	459	4	686	690	.....	370	370	.....	284	284
Carrots	.....	314	314	175	585	760	.....	511	511	.....	526	526
Cauliflower	.....	47	47	86	236	322	.....	183	183	.....	120	120
Celery	.....	209	209	259	575	834	.....	669	669	.....	286	286
Chinese cabbage	.....	20	20	.....	166	166	.....	217	217	.....	68	68
Corn, sweet	.....	229	229	.....	344	344	.....	416	416	.....	393	393
Cucumbers	.....	204	204	.....	629	629	.....	646	646	.....	309	309
Eggplant	.....	19	19	.....	140	140	.....	223	223	.....	112	112
Endive	.....	1	1	.....	101	101	1	24	25	.....	12	12
Escarole	.....	.....	.....	.....	100	100	.....	12	12	.....	1	1
Garlic	.....	13	13	.....	64	64	.....	78	78	.....	62	62
Greens	.....	127	127	.....	191	191	.....	199	199	.....	84	84
Lettuce, iceberg	.....	993	993	603	1,144	1,747	.....	1,586	1,586	.....	580	580
Lettuce, romaine	.....	204	204	93	339	432	.....	332	332	.....	277	277
Lettuce, other	.....	43	43	.....	167	167	.....	259	259	.....	187	187
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mushrooms	.....	88	88	.....	.....	.....	.....	200	200	.....	141	141
Okra	.....	10	10	.....	11	11	2	11	13	.....	7	7
Onions, dry	17	1,411	1,428	218	970	1,188	.....	1,658	1,658	.....	998	998
Onions, green	.....	41	41	.....	133	133	.....	149	149	.....	105	105
Parsley	.....	13	13	.....	53	53	.....	38	38	.....	30	30
Peas	.....	.....	.....	.....	15	15	.....	32	32	.....	36	36
Peas, other	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	.....	272	272	9	524	533	4	718	722	.....	368	368
Peppers, other	.....	7	7	.....	195	195	.....	137	137	.....	77	77
Potatoes, table	247	1,423	1670	1,939	1,015	2,954	108	4,640	4,748	.....	2,032	2,032
Potatoes, chipper	.....	2,573	2,573	64	.....	64	.....	.....	.....	.....	169	169
Potatoes, seed	.....	.....	.....	91	.....	91	.....	.....	.....	.....	.....	.....
Pumpkins	.....	62	62	.....	8	8	.....	71	71	.....	57	57
Radishes	.....	13	13	.....	183	183	.....	199	199	.....	93	93
Spinach	.....	49	49	.....	171	171	.....	118	118	.....	98	98
Squash	.....	100	100	.....	354	354	.....	424	424	.....	365	365
Sweet potatoes	.....	167	167	.....	166	166	.....	129	129	.....	141	141
Tomatoes	.....	1,034	1,034	41	1,506	1,547	11	2,197	2,208	36	1,009	1,045
Tomatoes, cherry	.....	41	41	.....	151	151	.....	90	90	.....	63	63
Turnips-rutabagas	.....	20	20	.....	7	7	.....	13	13	.....	19	19
Vegetables, oth [3]	.....	.....	.....	.....	.....	.....	.....	17	17	.....	54	54
Total	264	10,516	10,780	3,744	11,377	15,121	129	17,287	17,416	36	9,793	9,829
Melons:												
Cantaloups	.....	394	394	143	647	790	.....	1,488	1,488	.....	753	753
Honeydews	.....	100	100	38	339	377	.....	616	616	.....	275	275
Mixed and miscellaneous	.....	1	1	3	6	9	.....	111	111	.....	70	70
Watermelons	.....	441	441	1	522	523	.....	2,869	2,869	.....	846	846
Total	0	936	936	185	1,514	1,699	.....	5,084	5,084	.....	1,944	1,944
Grand total	264	11,452	11,716	3,929	12,891	16,820	129	22,371	22,500	36	11,737	11,773

[1] Includes Oakland. [2] Estimated percentages of completeness for reported truck arrivals for 1997 are as follows: Atlanta 98, Chicago 83, Los Angeles 80, and San Francisco 88. [3] Not otherwise specified.

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

Table 4-64.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 1997

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	40	79	132	82	87	25	19	24	29	12	6	3	538
Asparagus	25	79	238	287	211	82	1	...	...	...	...	...	923
Beans	126	16	180	175	298	149	...	...	24	145	173	104	1,390
Beets	13	12	16	17	6	1	...	...	...	1	8	14	88
Broccoli	695	768	739	793	826	630	717	610	636	588	747	548	8,297
Cabbage	1,213	1,173	1,535	1,384	1,141	444	350	774	826	765	691	909	11,205
Carrots	1,247	1,104	1,142	1,186	1,196	1,072	931	790	789	911	772	858	11,998
Cauliflower	424	378	384	417	455	282	286	275	268	259	378	337	4,143
Celery	1,410	1,159	1,405	1,340	1,283	1,264	1,117	1,145	1,255	1,302	1,783	1,414	15,877
Chinese cabbage	35	20	21	22	4	...	...	...	...	1	3	18	124
Corn, sweet	201	96	311	2,012	2,100	1,991	1,028	340	327	364	217	176	9,163
Cucumbers	69	27	351	450	602	449	464	595	563	531	314	158	4,573
Eggplant	34	30	68	108	106	52	...	...	...	21	32	28	479
Endive	20	20	22	17	8	...	...	...	...	1	8	9	105
Escarole	28	26	28	23	9	...	...	...	...	2	14	11	141
Greens	174	190	266	196	98	...	3	5	9	27	147	213	1,328
Lettuce, iceberg	3,537	3,489	3,579	3,682	3,917	3,458	3,449	3,404	3,476	3,106	3,027	2,876	41,000
Lettuce, romaine	856	778	774	760	708	608	615	630	707	785	671	658	8,550
Lettuce, other	397	342	349	373	339	307	327	326	362	374	353	367	4,216
Mixed vegetables	...	...	...	...	...	...	...	...	...	...	...	...	...
Okra	...	...	1	10	7	...	...	...	...	5	2	1	26
Onions, dry	3,333	2,539	1,829	2,922	3,428	2,759	3,229	3,401	3,858	3,936	3,665	3,459	38,258
Onions, green	6	4	6	3	1	...	3	8	9	10	10	17	77
Parsley	19	18	21	16	10	...	...	...	...	...	8	10	102
Peas, other	...	...	...	...	...	...	...	...	...	...	...	...	...
Peppers, bell	336	308	582	771	935	808	663	380	333	412	458	412	6,398
Peppers, other	30	28	44	42	28	7	1	...	...	15	26	19	240
Potatoes, table	11,052	8,950	10,115	9,819	10,655	9,922	8,808	8,010	8,942	9,862	9,522	9,844	11,501
Potatoes, chipper	2,834	2,297	2,584	2,994	4,041	1,921	848	1,506	1,569	1,901	3,187	2,874	28,556
Potatoes, seed	541	921	3,029	6,632	5,518	308	2	4	51	121	216	422	17,765
Radishes	50	48	61	56	44	1	...	...	...	9	31	21	321
Spinach	72	61	50	6	5	6	15	26	28	36	40	68	413
Squash	78	39	182	177	72	12	5	8	7	59	112	55	806
Sweet potatoes	216	209	321	182	201	121	138	185	219	339	805	363	3,299
Tomatoes	1,453	699	1,023	2,817	2,366	2,832	2,783	2,394	2,208	2,601	2,108	2,296	25,580
Tomatoes, cherry	40	14	25	61	76	44	33	21	13	41	60	45	473
Turnips-rutabagas	4	4	3	1	...	...	...	...	...	...	3	3	18
Vegetables, other [1]	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	30,608	25,925	31,416	39,733	40,781	29,556	25,835	24,861	26,508	28,542	29,597	28,610	361,971
Melons:													
Cantaloups	...	...	...	...	1,787	3,057	756	179	101	602	445	38	6,965
Honeydews	...	...	...	...	247	523	177	61	29	175	139	4	1,355
Mixed and miscellaneous	...	...	...	...	37	77	33	14	9	...	...	...	170
Watermelons	...	...	...	608	3,809	6,484	5,271	3,105	905	52	36	1	20,271
Total	...	...	...	608	5,880	10,141	6,237	3,359	1,044	829	620	43	28,761
Grand total	30,608	25,925	31,416	40,341	46,661	39,696	32,072	28,220	27,552	29,371	30,217	28,653	390,732

[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, 1988–97 [1]

Year	Cabbage	Cucumbers	Tomatoes	Asparagus	Broccoli	Carrots	Head Lettuce	Leaf/romaine
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	9.1	4.8	16.8	.6	3.8	7.1	27.0	3.2
1989	8.7	4.8	16.8	.6	3.8	8.1	28.8	3.6
1990	8.8	4.7	15.5	.6	3.4	8.3	27.8	3.8
1991	8.5	4.6	15.4	.6	3.1	7.7	26.1	4.0
1992	8.9	5.0	15.5	.6	3.4	8.3	25.9	4.7
1993	9.7	5.3	16.0	.6	2.9	8.2	24.6	4.9
1994	9.7	5.5	16.5	.6	3.9	8.7	24.3	5.2
1995	8.7	5.7	17.2	.6	4.4	9.0	22.5	5.8
1996	9.2	6.0	18.0	.6	4.5	10.1	23.3	5.9
1996	10.2	6.3	18.9	0.7	5.2	12.5	24.3	6.1

Year	Snap beans	Garlic	Cauliflower	Celery	Sweet Corn	Onions	Spinach	Bell peppers
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	1.2	1.1	2.2	7.2	5.8	14.5	0.6	4.5
1989	1.2	1.0	2.3	7.5	6.5	14.8	0.6	4.7
1990	1.1	1.3	2.2	7.2	6.7	15.1	0.8	4.5
1991	1.1	1.5	2.0	6.8	5.9	15.7	0.8	5.1
1992	1.5	1.5	1.8	7.4	6.9	16.2	0.8	5.7
1993	1.5	1.8	1.7	7.1	7.0	16.5	0.8	6.2
1994	1.6	1.9	1.6	6.8	8.2	16.5	0.7	6.5
1995	1.7	1.9	1.4	6.4	7.8	17.6	0.6	6.3
1996	1.4	2.4	1.5	6.3	8.3	17.9	0.5	7.3
1997	1.4	2.1	1.6	6.0	8.1	17.9	0.6	7.2

Year	Watermelon	Cantaloupe	Honeydew melons	Others [2]	Total vegetables and melons	Potatoes	Sweet potatoes
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	13.5	7.9	2.4	2.2	135.5	49.6	4.1
1989	13.6	10.4	2.5	2.3	142.6	50.0	4.1
1990	13.3	9.2	2.1	2.1	138.5	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	14.6	8.7	1.7	1.9	141.7	49.3	3.9
1994	15.5	8.6	1.8	2.1	146.2	50.3	4.7
1995	15.7	9.2	1.9	1.8	146.2	49.5	4.5
1996	17.4	10.6	2.1	1.9	155.2	50.0	4.6
1997	16.1	11.7	2.6	1.8	161.3	48.9	4.6

[1] Fresh vegetable consumption computed for total commercial production for fresh market. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. [2] Includes artichokes, eggplant, radishes, brussels sprouts and escarole/endive.

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

Table 4-66.—Vegetables, canning: Per capita utilization (farm weight), United States, 1988–97

Year	Cabbage for kraut	Asparagus	Snap beans	Carrots	Green peas
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	1.4	0.3	3.8	1.0	1.8
1989	1.3	0.3	3.9	0.9	1.7
1990	1.2	0.3	3.7	1.1	2.0
1991	1.4	0.3	4.1	1.1	1.9
1992	1.2	0.3	4.0	1.7	2.1
1993	1.4	0.3	4.0	1.0	1.6
1994	1.2	0.2	3.8	1.3	1.5
1995	1.4	0.3	3.5	1.5	1.6
1996	1.2	0.2	3.8	1.5	1.5
1997 [1]	1.1	0.2	3.7	1.3	1.5

Year	Tomatoes	Corn	Pickles	Other [2]	Total [3]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	61.3	10.4	5.3	6.0	91.3
1989	69.4	9.5	5.2	6.5	98.7
1990	75.4	11.0	5.0	7.5	107.2
1991	77.4	11.1	5.1	7.3	109.7
1992	73.7	11.9	4.6	8.6	108.1
1993	76.4	11.2	4.4	8.4	108.7
1994	73.6	10.2	4.7	7.5	103.9
1995	75.6	10.5	5.2	6.8	106.4
1996	74.2	10.5	4.1	7.8	104.8
1997 [1]	72.7	10.0	5.3	6.7	102.5

[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, 1988–97

Commodity	1988	1989	1990	1991	1992
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	1,052	1,542	1,326	1,273	1,142
Asparagus	18,055	19,741	17,737	13,595	16,525
Beans, butter	6,373	7,389	8,148	9,528	3,906
Beans, green, regular cut	145,187	237,853	221,768	221,306	187,377
Beans, green, French cut	65,138	73,682	85,994	62,437	49,704
Beans, green, wax	5,465	7,6659,311	9,311	8,048	6,897
Beans, green, Italian	20,519	29,712	27,160	22,866	20,061
Beans, whole	25,661	31,641	34,938	33,634	42,622
Beans, baby lima	82,347	103,648	132,976	72,931	44,592
Beans, lima, Fordhook	20,911	17,086	12,777	17,058	15,129
Broccoli	289,446	290,566	258,755	174,470	168,518
Brussels sprouts	49,787	46,557	38,482	34,619	42,805
Carrots	294,673	358,848	328,781	318,001	371,232
Cauliflower	78,762	109,822	80,081	69,229	70,317
Celery	24,817	31,029	38,451	28,383	27,161
Collards	15,204	17,855	20,676	15,968	15,981
Corn, cut	423,339	502,980	518,330	553,499	548,749
Corn-on-cob	345,869	436,301	450,490	440,540	375,666
Kale	2,862	4,208	4,196	4,645	4,106
Mushrooms	32,713	35,084	24,909	26,143	26,536
Mustard greens	9,266	12,329	10,027	10,710	7,928
Okra	65,708	60,005	64,748	66,295	61,738
Onions	198,916	208,762	78,331	83,200	85,222
Peas, blackeye	30,158	33,500	30,414	27,277	27,195
Peas, green	358,779	469,404	482,910	488,467	465,375
Peppers, green and red	29,673	30,735	36,585	47,313	57,935
Potato products	5,763,671	5,998,312	6,358,968	6,498,915	6,798,442
Pumpkin and cooked squash	23,870	21,538	22,445	20,782	21,534
Rhubarb	8,082	8,730	9,116	7,458	6,426
Spinach	172,849	159,891	211,784	141,644	184,642
Squash, summer	69,961	74,716	69,631	49,448	58,184
Sweet potatoes and yams	20,044	26,380	19,772	12,370	19,456
Turnip greens	17,003	17,024	17,972	16,646	14,213
Turnip greens with turnips	21,919	24,563	19,603	19,005	18,290
Miscellaneous vegetables	12,608	11,399	16,378	16,877	14,964
Total	8,704,667	9,520,497	9,763,970	9,634,580	9,880,573

Commodity	1993	1994	1995	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	733	1,364	.....	.....	.....
Asparagus	14,522	14,967	13,985	10,364	10,103
Beans, butter	3,642	7,491	7,664	4,577	5,170
Beans, green, regular cut	203,333	239,059	208,246	232,711	232,625
Beans, green, French cut	69,478	71,104	70,144	65,041	75,086
Beans, green, wax	6,091	9,144	7,120	7,592	7,324
Beans, green, Italian	18,639	25,197	17,267	17,711	18,364
Beans, whole	33,811	41,173	53,538	50,517	58,605
Beans, baby lima	66,464	95,695	101,295	85,053	97,598
Beans, lima, Fordhook	13,322	18,942	20,489	22,645	25,872
Broccoli	165,183	151,150	205,471	138,387	109,013
Brussels sprouts	46,950	34,393	25,519	30,154	26,436
Carrots	403,174	412,709	418,816	397,967	409,044
Cauliflower	73,335	66,878	64,207	48,541	44,590
Celery	36,668	34,334	32,279	40,343	32,985
Collards	17,714	20,871	17,647	17,709	22,244
Corn, cut	473,105	686,140	694,110	646,389	736,545
Corn-on-cob	377,657	492,522	414,662	383,840	464,942
Kale	4,010	3,212	3,664	2,671	4,213
Mushrooms	21,535	27,200	26,778	23,219	22,537
Mustard greens	12,311	9,987	10,302	11,294	13,139
Okra	34,593	65,114	64,810	60,847	57,725
Onions	91,576	100,138	99,639	111,021	115,980
Peas, blackeye	25,582	33,427	29,352	22,901	25,363
Peas, green	391,943	499,744	505,350	369,390	468,074
Peppers, green and red	46,331	42,787	54,155	44,858	40,746
Potato products	7,252,774	7,934,849	8,364,909	8,419,203	8,381,370
Pumpkin and cooked squash	24,196	27,356	28,097	20,058	24,570
Rhubarb	10,081	7,525	8,228	6,910	7,505
Spinach	167,147	204,495	185,640	182,999	198,715
Squash, summer	57,366	58,050	54,957	42,387	46,579
Sweet potatoes and yams	16,234	19,506	14,127	14,532	20,992
Turnip greens	17,666	19,834	18,203	19,112	20,490
Turnip greens with turnips	23,776	21,998	17,041	19,568	25,119
Miscellaneous vegetables	15,164	38,575	41,004	36,715	46,363
Total	10,236,106	11,536,930	11,898,715	11,607,226	11,895,026

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, 1997

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	...	5,632	4,471	...	...	10,103
Beans, butter	5,170	...	...	...	...	5,170
Beans, green, regular cut	72,616	67,302	92,793	...	...	232,711
Beans, green, French cut	20,359	12,521	32,161	...	...	65,041
Beans, wax	...	7,324	...	...	...	7,324
Beans, green, Italian	...	4,360	14,004	...	...	18,364
Beans, whole	...	18,042	32,475	...	...	50,517
Beans, baby lima	...	20,987	...	34,395	42,216	97,598
Beans, lima, Fordhook	...	...	25,872	...	...	25,872
Broccoli	...	...	109,013	...	...	109,013
Brussels sprouts	...	...	26,436	...	...	26,436
Carrots	57,815	32,577	318,652	...	...	409,044
Cauliflower	...	...	...	...	44,590	44,590
Celery	...	...	...	...	...	32,985
Collards	22,244	...	...	...	...	22,244
Corn, cut	86,661	166,790	483,094	...	...	736,545
Corn-on-cob	...	159,854	305,088	...	...	464,942
Kale	4,213	...	...	...	...	4,213
Mustard greens	13,139	...	...	...	...	13,139
Okra	57,725	...	...	...	...	57,725
Onions [11]	...	...	115,980	...	...	115,980
Peas, blackeye	25,363	...	...	...	...	25,363
Peas, green	75,155	116,554	276,365	...	...	468,074
Peppers, green and red	17,319	...	23,427	...	...	40,746
Potato products	...	1,702,846	...	6,669,660	8,864	8,381,370
Pumpkins and cooked squash	...	24,570	...	...	...	24,570
Rhubarb	...	1,516	5,989	...	...	7,505
Spinach	100,566	...	...	...	98,149	198,715
Squash, summer	...	...	...	...	...	46,579
Sweet potatoes and yams	20,992	...	...	...	...	20,992
Turnip greens	20,490	...	...	...	...	20,490
Turnip greens with turnips	25,119	...	...	...	...	25,119
Mushrooms	...	...	...	...	...	22,537
Miscellaneous vegetables	...	...	...	...	...	46,363

[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, 1988–97

Year	Leafy, green, and yellow vegetables				
	Asparagus	Snap beans	Carrots	Peas	Broccoli
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	0.1	1.7	2.3	1.9	2.4
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 [1]	0.1	1.8	2.6	2.0	2.3

Year	Cauliflower	Sweet Corn	Other [2]	Total vegetables excluding potatoes	Potato products	Grand total
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1988	0.9	8.7	2.9	20.9	43.3	64.2
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	52.9	75.1
1994	0.6	9.2	2.9	22.1	57.4	79.5
1995	0.6	10.5	2.8	23.0	56.9	79.9
1996	0.5	10.5	3.1	23.5	60.4	83.9
1997 [1]	0.4	10.4	2.9	22.5	60.2	82.7

[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, 1988–97 [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*
1988	247.7	135.5	112.2	91.3	20.9	54.7	45.3	36.9	8.4
1989	262.1	142.6	119.5	98.7	20.8	54.4	45.6	37.7	7.9
1990	266.0	138.5	127.5	107.2	20.3	52.1	47.9	40.3	7.6
1991	265.5	134.3	131.2	109.7	21.5	50.6	49.4	41.3	8.1
1992	270.3	141.6	128.7	108.1	20.6	52.4	47.6	40.0	7.6
1993	272.6	141.7	130.9	108.7	22.2	52.0	48.0	39.9	8.1
1994	272.2	146.2	126.0	103.9	22.1	53.7	46.3	38.2	8.1
1995	275.6	146.2	129.4	106.4	23.0	53.0	47.0	38.6	8.4
1996	283.5	155.2	128.3	104.8	23.5	54.7	45.3	37.0	8.3
1997	286.3	161.3	125.0	102.5	22.5	56.3	43.7	35.8	7.9

[1] Excludes potatoes, sweet potatoes, pulses, dehydrating onions, andmushrooms. [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, 1997 and 1998

Month	Asparagus		Green beans, regular cut		Green beans, French cut		Green beans, total	
	1997	1998	1997	1998	1997	1998	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*
January	7,431	5,692	138,782	179,474	39,854	31,659	178,636	211,133
February	6,538	5,359	114,179	140,751	33,824	31,890	148,003	172,641
March	6,522	4,412	100,703	115,761	27,817	26,586	128,520	142,347
April	6,518	4,432	87,688	102,523	24,967	21,925	112,655	124,448
May	8,234	10,201	72,652	83,897	21,711	20,012	94,363	103,909
June	12,276	11,766	65,454	72,493	19,454	18,773	84,908	91,266
July	11,765	11,154	126,000	133,939	30,250	33,017	156,250	166,956
August	10,145	9,957	233,167	208,884	40,777	44,667	273,944	253,551
September	9,078	8,630	252,742	234,523	43,847	51,520	296,589	286,043
October	8,442	7,668	243,742	228,099	39,755	48,408	283,497	276,507
November	7,890	6,319	217,985	202,372	37,821	45,728	255,806	248,100
December	6,908	6,162	197,009	172,372	33,652	41,028	230,661	213,400

Month	Broccoli spears		Broccoli, chopped & cut		Broccoli, total		Brussels sprouts	
	1997	1998	1997	1998	1997	1998	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*
January	19,650	23,527	85,289	91,980	104,939	115,507	18,683	17,418
February	21,018	27,949	78,241	92,864	99,259	120,813	16,899	14,975
March	23,411	27,313	78,591	87,159	102,002	114,472	14,075	13,481
April	27,006	25,881	95,424	86,550	122,430	112,431	11,876	9,926
May	20,737	23,974	91,399	91,704	112,136	115,678	9,056	8,664
June	20,283	23,296	88,132	84,374	108,415	107,670	7,975	7,485
July	21,357	22,890	97,610	87,638	118,967	110,528	8,042	6,130
August	19,196	21,730	99,845	85,192	119,041	106,922	9,029	4,562
September	18,453	19,444	96,490	84,463	114,943	103,907	11,033	3,702
October	17,941	19,959	88,102	80,138	106,043	100,097	15,381	7,150
November	17,778	22,391	93,874	84,492	111,652	106,883	17,489	12,935
December	20,519	24,442	91,792	89,310	112,311	113,752	19,926	18,745

Month	Fordhook lima beans		Baby lima beans		Mixed vegetables		Okra	
	1997	1998	1997	1998	1997	1998	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*
January	14,282	15,327	38,775	49,950	53,380	47,856	26,616	46,051
February	12,753	13,916	39,520	42,980	53,488	48,530	25,475	42,422
March	11,677	12,560	30,056	40,949	50,116	48,493	21,321	33,457
April	11,050	11,498	24,459	36,632	53,511	51,951	16,499	26,410
May	9,948	10,886	21,732	32,177	48,365	55,943	12,992	29,954
June	9,486	9,520	18,564	28,139	50,803	49,375	18,711	58,463
July	8,432	7,572	14,717	24,652	51,239	52,960	43,328	71,015
August	19,280	13,373	23,880	31,074	48,761	47,541	51,055	70,342
September	22,948	19,359	51,864	57,091	53,411	47,287	59,303	67,623
October	19,601	19,290	59,988	77,469	49,672	49,682	62,294	64,033
November	18,251	16,727	68,186	76,347	49,458	45,778	58,562	55,588
December	17,231	12,049	54,990	63,420	45,744	53,020	52,230	46,567

Month	Carrots, diced		Carrots, other		Carrots, total		Cauliflower	
	1997	1998	1997	1998	1997	1998	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*
January	78,506	74,958	167,177	197,572	245,683	272,530	54,140	63,652
February	75,896	60,074	158,144	183,418	234,040	243,492	50,528	61,256
March	76,584	56,576	141,415	166,742	217,999	223,318	46,519	56,572
April	68,284	53,771	133,345	145,766	201,629	199,537	40,806	46,885
May	53,289	49,173	114,488	136,029	167,777	185,202	34,969	43,829
June	49,245	38,257	112,925	123,306	162,170	161,563	32,785	36,859
July	41,687	28,769	108,177	120,687	149,864	149,456	29,454	31,886
August	37,693	26,609	122,091	127,370	159,784	153,979	29,820	31,565
September	28,132	27,559	145,117	127,683	173,249	155,242	33,520	31,203
October	51,223	64,772	194,528	179,064	245,751	243,836	37,307	39,952
November	84,028	82,443	243,987	196,460	328,015	278,903	46,693	43,110
December	80,804	73,555	220,066	183,068	300,870	256,623	58,512	50,298

See end of table.

Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1997 and 1998—Continued

Month	Corn, cut		Corn, cob		Corn, total		Onion rings	
	1997	1998	1997	1998	1997	1998	1997	1998
	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	307,573	334,780	257,963	247,305	565,536	582,085	11,058	9,695
February	266,989	278,790	221,735	214,298	488,724	493,088	11,285	10,463
March	213,951	229,473	201,205	188,410	415,156	417,883	10,237	12,840
April	172,666	193,786	161,205	165,354	333,871	359,140	7,635	11,816
May	136,005	163,207	128,531	128,936	264,536	292,143	8,080	11,667
June	100,766	130,729	102,961	98,036	203,727	228,765	8,499	11,419
July	85,924	154,057	78,770	90,751	164,694	244,808	12,242	11,845
August	261,226	306,205	175,508	167,416	436,734	473,621	8,999	13,182
September	425,241	484,877	298,635	332,208	723,876	817,085	9,176	15,972
October	468,974	502,563	329,969	326,682	798,943	829,245	10,285	17,477
November	437,505	452,746	309,459	296,191	746,964	748,937	10,807	17,544
December	403,578	403,737	274,261	269,578	677,839	673,315	11,031	15,752

Month	Onions, other		Blackeye peas		Green peas		Peas & carrots mixed	
	1997	1998	1997	1998	1997	1998	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*
January	29,255	28,724	7,013	9,054	174,706	190,227	5,973	5,859
February	32,227	27,710	6,861	9,281	144,706	163,000	5,714	7,087
March	31,811	24,428	5,809	7,963	111,692	132,726	5,706	6,003
April	29,693	23,443	4,740	7,840	95,440	109,885	6,559	6,514
May	28,061	22,787	3,426	7,175	73,375	96,482	5,534	7,102
June	29,314	22,179	2,952	6,654	137,612	230,233	6,840	7,154
July	28,520	21,468	3,948	6,069	300,102	379,957	7,751	7,400
August	27,336	18,755	4,450	8,786	321,298	406,024	6,043	7,456
September	26,908	24,553	8,185	9,629	339,697	387,101	8,467	7,775
October	29,831	27,070	10,920	9,511	306,008	341,715	7,717	9,001
November	30,513	25,965	12,085	9,106	249,048	309,940	6,836	8,340
December	31,187	24,596	9,344	8,039	219,533	277,858	5,760	10,285

Month	Spinach		Squash		Southern greens		Other vegetables	
	1997	1998	1997	1998	1997	1998	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*
January	40,335	68,450	50,922	70,645	27,277	26,547	292,240	242,399
February	34,646	64,007	45,406	65,599	30,252	27,659	263,188	241,211
March	50,695	69,470	40,881	61,541	19,107	29,322	233,540	249,623
April	76,390	91,197	38,157	60,918	15,847	28,392	252,130	245,221
May	98,832	100,620	40,710	58,688	20,179	28,878	249,707	233,657
June	104,073	98,813	48,184	64,966	16,681	30,184	253,158	251,391
July	96,053	90,864	65,058	68,411	19,103	27,975	240,182	267,904
August	84,538	74,491	80,177	78,207	16,264	22,745	258,413	293,211
September	73,752	63,463	75,904	72,794	13,600	17,932	284,636	297,576
October	75,554	69,712	78,625	80,634	15,629	19,606	287,770	297,805
November	75,454	68,013	79,117	75,914	18,665	28,255	304,631	304,447
December	67,092	69,232	75,397	70,272	20,771	32,765	285,670	301,595

Month	Total vegetables		French fries		Other frozen potatoes		Total frozen potatoes	
	1997	1998	1997	1998	1997	1998	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*
January	1,946,880	2,078,801	920,427	948,225	191,112	198,990	1,111,539	1,147,215
February	1,749,512	1,875,489	968,552	1,018,665	211,592	217,058	1,180,144	1,235,723
March	1,553,441	1,701,860	970,952	1,039,292	206,153	238,992	1,177,105	1,278,284
April	1,461,895	1,568,516	979,237	970,306	216,599	254,786	1,195,836	1,225,092
May	1,312,012	1,455,642	973,498	1,012,022	239,800	270,801	1,213,298	1,282,823
June	1,317,133	1,513,864	1,021,910	1,036,189	249,462	280,261	1,271,372	1,316,450
July	1,529,711	1,759,010	985,027	967,452	229,273	267,268	1,214,300	1,234,720
August	1,988,991	2,119,344	906,393	938,463	224,388	265,998	1,130,781	1,204,461
September	2,390,139	2,493,967	1,044,818	1,010,381	225,138	256,463	1,269,956	1,266,844
October	2,509,258	2,587,460	1,124,383	1,076,256	230,320	264,713	1,354,703	1,340,969
November	2,496,122	2,487,151	1,095,156	1,030,985	218,311	259,495	1,313,467	1,290,480
December	2,303,007	2,317,745	973,954	897,256	189,593	254,038	1,163,547	1,151,294

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 4-72.—Watermelon for fresh market: Area, production, and value per hundredweight, by States, 1996–98

State	Area harvested			Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AL	9,000	5,000	5,300	846	425	370	4.00	6.10	7.20
AZ	7,300	7,200	7,300	2,154	2,232	2,190	7.20	7.80	8.00
AR	2,600	2,700	2,200	286	405	319	6.00	5.00	6.50
CA	17,100	17,000	16,900	7,524	7,820	6,760	10.50	10.90	12.30
DE	2,400	2,300	2,100	840	874	798	5.20	5.20	8.50
FL	34,000	30,000	32,000	7,140	7,500	7,200	7.00	7.30	8.35
GA	30,000	25,000	23,000	6,750	5,250	5,060	4.00	5.50	5.00
IN	7,200	6,600	6,200	2,088	1,914	1,829	4.60	5.90	7.10
LA	2,300	2,100	2,000	460	294	220	5.10	7.00	6.20
MD	2,600	2,800	2,800	416	840	596	9.00	8.00	8.00
MS	5,400	4,000	4,000	486	240	244	4.70	6.10	6.26
MO	5,600	4,700	4,900	1,400	1,128	1,152	3.20	4.90	5.30
NC	9,500	8,500	9,000	1,378	1,275	1,440	4.50	5.50	5.70
OK	10,000	8,000	7,500	940	800	705	5.90	6.50	7.20
SC	9,500	9,200	8,800	1,045	1,380	1,320	4.00	6.50	6.00
TX	44,000	43,400	38,400	8,800	7,378	6,528	5.50	7.92	5.46
Total	198,500	178,500	172,400	42,553	39,755	36,731	6.28	7.60	7.66
HI	760	800	790	171	168	158	16.50	18.00	21.00
US	199,260	179,300	173,190	42,724	39,923	36,889	6.32	7.64	7.71

[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, 1989–98

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*
1989	847.5	1,714.1	258.7	686.6	3,506.9
1990	851.8	1,709.5	252.0	691.4	3,504.7
1991	849.9	1,701.8	247.3	687.4	3,486.4
1992	886.1	1,721.2	299.3	680.0	3,586.6
1993	947.4	1,738.2	290.9	700.5	3,677.0
1994	978.1	1,756.6	288.1	725.6	3,748.4
1995	1,055.1	1,762.8	289.1	718.6	3,825.6
1996	1,103.2	1,796.1	287.8	732.1	3,919.2
1997	1,152.0	1,813.9	292.2	748.6	4,006.7
1998 [5]	1,122.1	1,841.0	229.4	761.6	3,954.1

[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 (after 1987), 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, 1989–98 [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*
1989	4,958	1,181	916	5,931	326	1,018	120	48	123
1990	4,828	1,121	962	5,660	261	734	122	50	132
1991	4,853	1,348	903	5,556	244	831	96	45	65
1992	5,284	1,336	923	6,052	373	829	106	47	165
1993	5,343	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	917	139	58	104
1998 [3]	5,472	1,213	926	5,596	384	542	118	40	90

Year	Oranges [4]	Tangerines [4]	Grapefruit [4 5]	Lemons [4]	K-Early Citrus [4]	Limes [4]	Tangelos [4]	Temples [4]	Strawberries, commercial crop	Pineapples
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
1989	8,949	239	2,844	759	.....	55	171	169	571	580
1990	7,745	164	1,978	706	.....	72	132	63	627	575
1991	7,848	166	2,256	719	.....	64	119	113	683	555
1992	8,909	260	2,224	766	.....	70	117	106	667	550
1993	10,992	247	2,791	942	8	44	137	113	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	12,677	418	2,888	958	7	14	178	108	814	324
1998 [3]	13,857	360	2,626	935	2	19	128	101	844	332

Year	Avocados [6]	Nectarines	Cranberries	Bananas	Kiwifruit	Dates	Papayas [7]	Pomegranates	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*
1989	139	220	187	6	40	22	37	19	10	29,637
1990	156	232	170	6	39	24	34	(7)	12	24,822
1991	185	215	211	6	30	22	28	(7)	11	27,171
1992	292	236	208	6	52	21	36	(7)	7	29,641
1993	144	205	196	6	49	29	32	(7)	8	31,879
1994	175	242	234	7	39	23	31	(7)	9	31,959
1995	190	176	210	7	38	23	25	(7)	8	32,227
1996	191	247	234	7	32	23	21	(7)	8	31,787
1997	178	264	275	7	35	21	19	(7)	8	35,591
1998 [3]	NA	230	269	10	35	22	20	(7)	NA	34,171

[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 productions only. [8] For 1998, Total does not include avocado and guava production. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-3.—Apples, commercial crop:[1] Production and season average price per pound, by States, 1996–98

State	Total production			Utilized production			Price[3] for crop of—		
	1996	1997	1998[2]	1996	1997	1998[2]	1996	1997	1998[2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Dollars*	*Dollars*
AZ	100.0	45.0	43.0	100.0	44.1	42.0	0.124	0.107	0.182
AR	6.3	7.2	4.5	5.8	7.1	3.6	0.178	0.289	0.227
CA	950.0	962.0	800.0	950.0	962.0	800.0	0.166	0.169	0.166
CO	25.0	35.0	65.0	24.0	34.0	58.0	0.202	0.151	0.149
CT	20.0	24.0	17.5	20.0	23.0	17.0	0.324	0.312	0.320
DE	15.0	.....	.....	15.0	.....	.....	0.185	.....	.....
GA	15.0	15.0	11.0	14.0	14.0	8.0	0.164	0.137	0.176
ID	190.0	110.0	180.0	190.0	110.0	140.0	0.136	0.139	0.093
IL	53.0	74.0	45.0	51.0	67.0	35.0	0.290	0.196	0.182
IN	48.0	50.0	52.0	46.0	48.0	50.0	0.268	0.218	0.244
IA	11.1	13.0	8.7	10.0	7.5	7.9	0.313	0.286	0.309
KS	2.0	7.5	1.6	1.8	6.4	0.9	0.258	0.185	0.208
KY	10.6	6.5	11.0	9.6	5.8	9.0	0.316	0.261	0.284
ME	65.0	64.0	44.0	63.0	62.0	42.0	0.202	0.193	0.211
MD	29.0	46.0	34.6	27.5	44.5	34.0	0.156	0.200	0.184
MA	54.5	60.0	28.0	53.0	58.5	25.0	0.262	0.258	0.283
MI	700.0	1,000.0	970.0	700.0	1,000.0	930.0	0.126	0.098	0.087
MN	21.0	22.0	23.8	18.8	17.5	18.7	0.460	0.443	0.444
MO	32.0	53.0	34.0	32.0	50.5	29.0	0.233	0.189	0.178
NH	39.0	40.5	20.5	38.0	40.0	20.0	0.224	0.210	0.217
NJ	60.0	55.0	55.0	58.0	55.0	55.0	0.151	0.132	0.125
NM	5.0	7.0	8.0	5.0	7.0	8.0	0.312	0.339	0.210
NY	1,030.0	1,120.0	1,010.0	1,030.0	1,120.0	1,010.0	0.135	0.126	0.112
NC	200.0	152.0	200.0	200.0	150.0	160.0	0.120	0.110	0.093
OH	90.0	60.0	80.0	90.0	60.0	69.0	0.266	0.221	0.215
OR	156.0	160.0	180.0	156.0	160.0	180.0	0.091	0.238	0.143
PA	391.0	535.0	412.0	391.0	525.0	404.0	0.129	0.133	0.121
RI	3.4	3.6	2.2	3.2	3.4	2.0	0.251	0.267	0.274
SC	30.0	60.0	45.0	28.0	56.0	42.0	0.138	0.122	0.193
TN	11.0	10.0	12.5	9.8	8.5	9.0	0.241	0.238	0.226
UT	48.0	42.0	49.0	44.0	41.0	31.0	0.136	0.165	0.180
VT	45.0	50.0	34.5	44.0	49.0	32.0	0.186	0.187	0.194
VA	275.0	270.0	280.0	260.0	262.0	268.0	0.116	0.106	0.091
WA	5,500.0	5,000.0	6,000.0	5,500.0	5,000.0	5,900.0	0.166	0.164	0.104
WV	105.0	115.0	105.0	100.0	110.0	95.0	0.111	0.103	0.079
WI	46.0	49.5	76.2	41.5	45.5	62.1	0.324	0.294	0.273
US	10,381.9	10,323.8	10,943.6	10,330.0	10,254.3	10,597.2	0.159	0.154	0.116

[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, 1989–98

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*
1989	9,916.8	9,871.4	10.4	1,024,557
1990	9,656.8	9,618.2	15.1	1,447,660
1991	9,706.7	9,636.8	17.9	1,727,013
1992	10,568.5	10,463.3	13.6	1,428,012
1993	10,685.1	10,574.3	12.9	1,363,818
1994	11,500.9	11,332.8	12.9	1,466,925
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]	10,943.6	10,597.2	11.6	1,226,380

[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, 1995/96–1997/98 [1]

Continent and country	1995/96	1996/97	1997/98 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	608.2	512.9	503.0
Mexico	413.2	426.7	475.0
United States	4,801.3	4,713.7	4,711.1
Total	5,822.7	5,653.3	5,689.1
South America:			
Argentina	1,253.5	1,299.5	1,416.8
Chile	910.0	920.0	970.0
Total	2,163.5	2,219.5	2,386.8
European Union:			
Austria [2]	324.2	366.4	454.4
Belgium and Luxembourg	513.9	298.6	373.2
Denmark	65.0	65.0	71.0
France	2,088.5	2,047.4	2,027.0
Germany	1,372.6	1,878.1	1,465.0
Greece	300.6	352.0	292.4
Italy	1,889.0	2,025.0	2,014.0
Netherlands	595.0	490.0	470.0
Spain	842.9	893.6	880.0
Sweden [2]	67.5	62.1	72.2
United Kingdom	198.7	223.8	137.0
Total EC	8,257.9	8,702.0	8,256.2
Other Europe:			
Bulgaria	90.0	180.0	160.0
Hungary	353.0	551.9	560.0
Norway	52.6	43.2	44.6
Russia	1,094.0	1,755.0	1,409.0
Turkey	2,100.0	2,200.0	2,550.0
Total	3,689.6	4,730.1	4,723.6
Total Europe	11,947.5	13,432.1	12,979.8
Africa:			
South Africa, Rep	702.5	639.0	660.0
Total	702.5	639.0	660.0
Asia:			
China	14,007.7	17,052.2	17,200.0
Japan	963.3	899.2	993.1
Taiwan	9.5	8.3	9.2
Total	14,980.5	17,959.7	18,202.3
Oceania:			
Australia	280.2	353.1	280.6
New Zealand	546.0	568.6	498.2
Total	826.2	921.7	778.8
Total specified countries	36,442.9	40,825.3	40,696.8

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

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 5-6.—Apples, commercial crop: Production and utilization, United States, 1989–98

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*
1989	9,916.8	9,871.4	5,822.3	1,320.4	282.4	321.5	2,124.8
1990	9,656.8	9,618.2	5,515.0	1,378.3	270.3	303.8	2,150.8
1991	9,706.7	9,636.8	5,447.0	1,311.1	299.2	286.4	2,293.1
1992	10,568.5	10,463.3	5,767.0	1,498.1	324.2	246.6	2,627.4
1993	10,685.1	10,574.3	6,123.9	1,334.8	366.4	281.5	2,467.3
1994	11,500.9	11,332.8	6,366.2	1,405.7	414.6	304.4	2,840.5
1995	10,578.4	10,383.9	5,840.2	1,292.0	333.7	304.9	2,614.0
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]	10,943.6	10,597.2	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): 1989—2,068.1; 1990—2,076.8, 1991—2,193.6; 1992—2,472.0; 1993—2,382.3; 1994—2,707.2; 1995—2,538.2. [4] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-7.—Apples, commercial crop: Production and utilization, by States, crop of 1997

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	962.0	962.0	375.0	75.0	.....	.....	362.0	.....
MI	1,000.0	1,000.0	300.0	265.0	.....	160.0	270.0	5.0
NY	1,120.0	1,120.0	520.0	335.0	.....	88.0	160.0	10.0
OR	160.0	160.0	112.0	.....	.....	.....	30.0	.....
PA	535.0	525.0	175.0	275.0	.....	.....	65.0	.....
VA	270.0	262.0	53.0	143.0	.....	.....	56.0	.....
WA	5,000.0	5,000.0	3,600.0	190.0	.....	.....	930.0	.....
WV	115.0	110.0	20.0	.....	.....	.....	.....	.....
Other States [3]	1,161.8	1,115.3	659.5	215.8	.....	101.0	272.1	164.9
US	10,323.8	10,254.3	5,814.5	1,498.8	267.0	349.0	2,145.1	179.9

[1] Includes "Home use." [2] Mostly vinegar, wine, and fresh silices for pie making. [3] AZ, AR, CO, CT, DE, GA, ID, IL, IN, IA, KS, KY, ME, MD, MA, MN, MO, NH, NJ, NM, NC, OH, RI, SC, TN, UT, VT, and WI.

NASS, Crops Branch, (202) 720–2127.

Table 5-8.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1995/96–1997/98

Country	Year beginning July		
	1995/96	1996/97	1997/98
Exports	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Finland	4,523	4,409	2866
France	0	19	33
Iceland	1,589	1,635	1769
Ireland	1,554	1,454	964
Netherlands	832	769	641
Norway	514	924	779
Sweden	3,943	5,057	2155
United Kingdom	22,740	23,152	21019
Other countries	10,672	10,592	11,747
Total	46,367	48,011	41,973
Latin America:			
Brazil	13,207	16,009	4315
Colombia	7,142	7,982	8073
Costa Rica	5,741	5,702	6931
El Salvador	561	328	1462
Guatemala	5,402	6,665	7228
Nicaragua	163	503	552
Mexico	80,802	89,659	63028
Honduras	1,343	1,504	1809
Panama	2,116	3,232	3549
Ecuador	2,034	2,213	3464
Venezuela	4,435	7,330	17270
Other countries	1,162	4,742	2,255
Total	124,108	145,869	119,936
Bermuda and Caribbean:			
Bahamas	44	43	376
Barbados	248	147	450
Bermuda	46	88	54
Dominican Republic	3,771	5,010	4679
French West Indies	927	213	382
Haiti	601	522	1076
Leeward and Windward Islands	59	33	151
Netherlands Antilles	236	268	298
Trinidad and Tobago	817	929	1085
Other countries	482	173	188
Total	7,231	7,426	8,739
Asia:			
Taiwan	101,650	119,711	112708
Hong Kong	49,741	45,932	47488
Indonesia	49,455	61,667	31368
Malaysia	16,634	25,739	13483
Japan	1,403	877	514
Philippines	16,258	25,765	15840
Singapore	10,602	12,320	6497
Thailand	27,217	27,686	14137
Other countries	5,302	6,147	4,766
Total	278,262	325,844	246,801
Other countries:			
Canada	78,790	90,464	96,311
French Pacific Islands	438	467	233
Kuwait	2,777	3,440	2,988
New Zealand	125	120	96
Saudi Arabia	13,014	19,483	22,521
United Arab Emirates	7,676	17,411	21,811
Other countries	3,767	8,322	7,876
Total	106,587	139,707	151,836
Grand total	562,555	666,857	569,285
Imports			
Canada	71,873	73,042	57,278
Chile	27,749	25,747	35,077
New Zealand	49,027	54,123	51,577
South Africa	16,431	10,689	21,727
Other countries	3,649	2,495	1,555
Total	168,729	166,096	167,214

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, 1987–96

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*
1987	132,673	296,176	7,680	1992	139,271	487,817	22,080
1988	132,988	254,478	11,984	1993	130,938	662,906	19,224
1989	119,732	357,442	23,688	1994	171,695	663,054	25,120
1990	121,996	371,309	55,512	1995	202,867	564,953	24,624
1991	143,926	530,073	44,192	1996	187,486	689,749	20,368

[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, 1989–98[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*
1989	120,000	118,950	338.00	40,222	1994	153,200	140,180	349.00	48,883
1990	122,450	120,440	340.00	40,937	1995	60,500	60,500	456.00	27,572
1991	95,800	91,790	407.00	37,356	1996	79,300	79,290	444.00	35,171
1992	106,400	106,300	356.00	37,838	1997	139,230	129,630	332.00	43,072
1993	97,350	97,340	398.00	38,694	1998[3]	118,300	107,880	327.00	35,274

[1] Production, price, and value for CA, UT, and WA. [2] Fresh fruit prices are equivalent packing-house-door returns for CA and WA. Quantities processed are priced at the equivalent processing plant door level. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-11.—Apricots: Production and marketing year average price per ton, by States, 1996–98

State	Total production			Utilized production			Price[2] for crop of—		
	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
CA	76,000	132,000	113,000	76,000	122,400	102,600	403.00	308.00	311.00
UT	300	130	200	290	130	180	859.00	492.00	728.00
WA	3,000	7,100	5,100	3,000	7,100	5,100	1,420.00	751.00	637.00
Total	79,300	139,230	118,300	79,290	129,630	107,880	444.00	332.00	327.00

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-12.—Apricots: Production and utilization, United States,[1] 1989–98

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh[2]	Processed (fresh basis)[3]		
				Canned[4]	Dried	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1989	120,000	118,950	15,750	67,000	25,000	11,000
1990	122,450	120,440	23,740	64,000	21,000	11,000
1991	95,800	91,790	20,140	43,000	17,000	11,000
1992	106,400	106,300	23,200	53,000	16,000	13,000
1993	97,350	97,340	21,410	45,000	18,000	11,500
1994	153,200	140,180	26,740	71,000	30,500	10,500
1995	60,500	60,500	16,400	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[5]	118,300	107,880	22,780	40,700	9,000	10,400

[1] CA, UT, and WA. [2] Includes "Home use." [3] CA only. [4] Includes some quantities frozen or otherwise processed. [5] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-13.—Apricots: Production and utilization, by States, crop of 1998 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)[1]		
				Canned[2]	Dried	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
CA[3]	132,000	122,400	20,900	46,700	12,000	15,100
UT[3]	130	130	.....	.....	.....	.....
WA[3]	7,100	7,100	.....	.....	.....	.....
US	139,230	129,630	26,830	46,700	12,000	15,100

[1] CA only. [2] Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations. [3] Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

NASS, Crops Branch, (202) 720–2127.

Table 5-14.—Apricots: Foreign trade, United States, 1987–96

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*
1987	(4)	906	(4)	169	1,519
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

[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, 1988–89 to 1997–98

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*
1988–89	165,000	1,260	207,900	27,000	436	11,772	192,000	1,140	219 ,672
1989–90	105,000	2,280	239,400	33,500	332	11,122	138,500	1,809	250,522
1990–91	136,000	1,410	191,760	19,600	684	13,406	155,600	1,319	205,166
1991–92	156,000	1,170	182,520	28,300	476	13,471	184,300	1,063	195,991
1992–93	284,000	400	113,600	7,200	583	4,198	291,200	405	117,798
1993–94	139,000	1,810	251,590	4,400	820	3,608	143,400	1,780	255,198
1994–95	155,000	1,480	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 [4]	154,000	1,710	263,473	24,000	584	14,016	178,000	1,559	277,489

[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, 1987–96

Year beginning October	Imports	Year beginning October	Imports
	Metric tons		*Metric tons*
1987	2,455	1992	18,466
1988	4,523	1993	14,213
1989	8,865	1994	18,871
1990	11,214	1995	23,118
1991	22,816	1996	27,667

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

Table 5-17.—Bananas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1989–98

Year	Area harvested	Yield per acre	Production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1989	1,000	11.9	11,900	36.5	4,344
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]	1,100	18.2	20,000	35.0	7,000

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-18.—Kiwifruit: Production, marketing year average price, and value, California, 1989–98

Year	Bearing acreage	Yield [1]	Production	Price per pound	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1989	7,200	5.56	37,000	400	14,800
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	6.53	31,600	NA	NA

[1] Yield based on total production.

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

Table 5-19.—Cherries: Production and value, United States, 1989–98

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*
1989	325,500	312,430	171,473	193,450	190,930	713.00	136,125	264.1	243.0	14.5	35,348
1990	261,130	233,800	155,004	156,730	132,350	894.00	118,319	208.8	202.9	17.6	36,685
1991	243,500	234,750	223,492	148,550	139,900	968.00	135,410	189.9	189.7	46.4	88,082
1992	372,550	348,150	230,575	205,000	191,650	915.00	175,345	335.1	313.0	17.6	55,230
1993	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 [2] ...	384,050	359,660	NA	209,700	206,610	1,090.00	225,626	348.7	306.1	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, 1996–98

Variety and State	Total production			Utilized production			Price [2] for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	24,600	49,200	15,400	24,600	49,200	15,400	1,850.00	1,290.00	1,560.00
ID	2,200	1,600	2,200	2,150	1,600	2,070	1,250.00	1,290.00	1,070.00
MI	22,000	27,000	35,000	22,000	27,000	33,000	709.00	740.00	562.00
MT	700	1,100	2,050	630	870	1,890	1,420.00	954.00	1,080.00
NY	700	650	700	600	620	650	1,420.00	1,720.00	2,070.00
OR	32,000	50,000	55,000	32,000	50,000	54,500	1,090.00	1,130.00	862.00
PA	600	500	550	520	500	400	2,240.00	2,380.00	2,320.00
UT	2,300	720	2,800	2,200	700	2,700	1,130.00	920.00	687.00
WA	69,000	95,000	96,000	67,000	93,000	96,000	1,780.00	1,430.00	1,330.00
Total 9 States ..	154,100	225,770	209,700	151,700	223,490	206,610	1,470.00	1,250.00	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	1.0	0.7	1.3	0.9	0.6	1.2	0.473	0.560	NA
MI	195.0	225.0	263.0	195.0	221.0	229.0	0.160	0.156	NA
NY	19.0	14.5	14.0	14.2	13.2	12.2	0.144	0.173	NA
OR	2.5	3.7	4.5	2.5	3.4	4.4	0.206	0.210	NA
PA	7.5	6.5	4.2	7.5	6.5	4.2	0.227	0.258	NA
UT	26.5	17.5	33.0	20.5	14.0	27.0	0.127	0.160	NA
WA	14.2	13.5	14.0	14.2	13.5	14.0	0.163	0.100	NA
WI	6.1	11.5	14.7	5.3	11.1	14.1	0.178	0.174	NA
Total 7 States ..	271.8	292.9	348.7	260.1	283.3	306.1	0.161	0.159	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 1998 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh [1]	Processed (fresh basis)		
				Canned and otherwise processed [2]	Frozen	Brined
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
CA	15,400	15,400	7,700	.....	.....	.....
MI	35,000	33,000	700	4,700	3,100	24,500
OR	55,000	54,500	25,000	4,000	500	25,000
WA	96,000	96,000	71,000	6,000	5,000	14,000
Other States [3]	8,300	7,710	47,600	.....	4,900	5,750
US	209,700	206,610	109,160	14,700	13,500	69,250
TART VARIETIES						
MI	131,500	114,500	500	32,500	75,000	6,500
Other States [4]	42,850	38,550	650	5,150	25,100	7,650
US	174,350	153,050	1,150	37,650	100,100	14,150

[1] Includes "Home use." [2] Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc, excludes frozen. [3] ID, MT, NY, PA, and UT. [4] CO, NY, OK, PA, UT, WA, and WI.

NASS, Crops Branch, (202) 720–2127.

Table 5-22.—Cherries: Production and utilization, United States,[1] 1989–98

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh [2]	Processed (fresh basis)		
				Canned [3 4]	Frozen	Brined
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1989	193,450	190,930	103,510	29,420	.....	58,000
1990	156,730	132,350	70,500	22,200	.....	39,650
1991	148,550	139,900	66,680	21,550	.....	51,670
1992	205,000	191,650	95,020	30,050	.....	66,580
1993	168,350	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 [5]	209,700	206,610	109,160	28,200	.....	69,250
TART VARIETIES	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1989	264.1	243.0	6.7	60.1	176.2	.....
1990	208.8	202.9	5.1	78.0	119.8	.....
1991	189.9	189.7	3.7	65.7	120.3	.....
1992	335.1	313.0	8.8	90.2	214.0	.....
1993	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 [5]	348.7	306.1	2.3	103.6	200.2	.....

[1] CA, CO, ID, MI, MT, NY, OR, PA, UT, WA, and WI. [2] Includes "Home use." [3] For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries, excludes frozen. [4] Sweet varieties includes small quantities used for juice, wine, brandy, etc. [5] Preliminary.

NASS, Crops Branch, (202) 720–2177.

Table 5-23.—Cherries: Foreign trade, United States, 1987–96

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*
1987	3,388	455	25,899	2,293	1992	1,982	2,224	25,742	13,193
1988	2,420	1,020	27,066	2,207	1993	1,633	2,568	30,640	14,774
1989	1,837	1,712	22,652	2,383	1994	1,376	1,415	30,268	15,168
1990	1,615	1,191	18,824	2,479	1995	1,905	1,808	34,702	18,975
1991	1,553	1,373	31,008	4,090	1996	1,908	3,379	39,400	15,044

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

Table 5-24.—Citrus fruit: Utilized production and value, United States, for season of 1988–89 to 1997–98

Season [1]	Production	Marketing year average returns per box [2]	Value	Quantities processed [3]	Production	Marketing year average returns per box [2]	Value	Quantities processed [3]
	Oranges [4]				Grapefruit			
	1,000 boxes	*Dollars*	*1,000 dollars*	*1,000 boxes*	*1,000 boxes*	*Dollars*	*1,000 dollars*	*1,000 boxes*
1988–89	209,050	8.90	1,848,467	157,191	69,500	6.00	416,041	34,873
1989–90	184,415	7.96	1,465,072	129,571	49,300	7.49	371,897	26,686
1990–91	178,950	8.70	1,584,746	148,881	55,500	7.16	395,903	24,685
1991–92	209,610	7.43	1,545,200	154,872	55,265	7.84	428,118	23,919
1992–93	255,760	5.77	1,489,938	193,992	68,375	4.40	301,614	36,710
1993–94	240,450	6.37	1,541,296	182,435	65,100	5.26	341,977	33,231
1994–95	263,605	6.08	1,624,061	207,351	71,050	4.29	307,525	38,387
1995–96	263,890	6.85	1,821,579	207,365	66,200	4.31	288,532	33,582
1996–97	292,620	6.16	1,834,089	228,531	70,200	3.98	282,775	36,871
1997–98 [5]	320,525	6.13	2,000,075	246,783	64,150	3.55	233,832	33,056
	Lemons				Limes			
1988–89	20,000	11.75	234,955	7,720	1,250	17.18	21,474	300
1989–90	18,600	15.04	279,825	6,336	1,650	13.87	22,884	640
1990–91	18,900	15.32	289,571	7,100	1,450	19.21	27,859	520
1991–92	20,200	12.73	257,226	8,152	1,600	14.27	22,827	530
1992–93	24,800	9.67	239,872	12,287	1,000	6.55	6,547	270
1993–94	25,900	9.94	257,362	13,449	200	18.46	3,691	50
1994–95	23,600	11.16	263,441	10,287	230	14.47	3,329	40
1995–96	26,100	10.01	261,281	12,533	300	13.05	3,914	60
1996–97	25,200	12.00	302,410	12,162	320	11.93	3,816	65
1997–98 [5]	24,600	9.88	243,056	12,840	440	10.02	4,410	110
	Tangerines [6]				Tangelos			
1988–89	5,590	14.92	83,075	1,956	3,800	8.26	31,392	2,452
1989–90	3,950	18.15	71,738	1,251	2,950	7.04	20,778	1,832
1990–91	3,900	19.21	74,603	1,251	2,650	8.10	21,459	1,464
1991–92	6,240	17.11	104,248	1,715	2,600	9.14	23,753	1,293
1992–93	5,850	14.48	83,222	1,618	3,050	5.29	16,147	1,734
1993–94	7,400	12.57	92,055	2,007	3,350	5.47	18,323	2,253
1994–95	6,700	15.01	100,285	1,756	3,150	4.90	15,435	2,044
1995–96	8,100	13.94	110,573	2,390	2,450	6.16	15,100	1,432
1996–97	9,450	12.42	119,185	3,077	3,950	4.75	18,759	2,918
1997–98 [5]	8,200	11.75	96,389	2,637	2,850	4.03	11,486	1,937
	Temples				K-Early Citrus			
1988–89	3,750	7.43	27,844	2,881				
1989–90	1,400	7.62	10,668	1,261				
1990–91	2,500	8.32	20,792	1,706				
1991–92	2,350	8.50	19,979	1,502				
1992–93	2,500	4.98	12,458	1,553	185	7.43	1,375	52
1993–94	2,250	5.64	12,687	1,465	210	4.47	939	50
1994–95	2,550	5.61	14,301	1,764	120	4.48	538	55
1995–96	2,150	6.52	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 [5]	2,250	4.89	11,004	1,684	40	1.00	40	10

[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] Preliminary. [6] FL "All tangerines" include Sunburst tangerines beginning with the 1989–90 season.

NASS, Crops Branch, (202) 720–2127.

Table 5-25.—Citrus fruit: Utilized production and marketing year average returns per box, by States, 1996–97 to 1997–98 [1]

Crop and State	Utilized production		Market year average price [2]	
	1996–97	1997–98	1996–97	1997–98
ORANGES	*1,000 boxes*	*1,000 boxes*	*Dollars*	*Dollars*
Early, midseason, and Navel varieties: [3]				
AZ	400	350	8.88	5.46
CA	40,000	44,000	9.35	8.84
FL	134,200	140,000	5.08	4.24
TX	1,300	1,350	5.16	3.67
Total early, midseason, and Navel varieties	175,900	185,700	5.93	5.18
Valencia:				
AZ	600	650	5.28	5.28
CA	24,000	30,000	8.77	9.33
FL	92,000	104,000	6.01	6.99
TX	120	175	7.12	5.51
Total Valencia	116,720	134,825	6.50	7.43
All oranges:				
AZ	1,000	1,000	6.72	5.35
CA	64,000	74,000	9.13	9.04
FL	226,200	244,000	5.46	5.41
TX	1,420	1,525	5.33	3.88
US, all oranges	292,620	320,525	6.16	6.13
GRAPEFRUIT				
AZ	900	800	2.99	4.70
CA	8,200	9,000	5.97	6.64
FL, all [5 6]	55,800	49,550	3.75	2.98
Colored seedless [5]	31,400	30,600	4.07	3.10
White seedless [6]	23,500	18,300	3.38	2.84
Other	900	650	1.93	1.50
TX	5,300	4,800	4.17	4.70
US, all grapefruit	70,200	64,150	3.98	3.55
LEMONS				
AZ	2,600	2,600	10.88	9.16
CA	22,600	22,000	12.13	9.97
US, lemons	25,200	24,600	12.00	9.88
LIMES				
FL	300	320	11.93	10.02
TANGELOS				
FL	3,950	2,850	4.75	4.03
TANGERINES				
AZ [7]	550	600	15.21	12.53
CA [7]	2,600	2,400	15.11	11.58
FL	6,300	5,200	11.35	11.75
US, tangerines	9,450	8,200	12.42	11.75
TEMPLES				
FL	2,400	2,250	5.23	4.89
K-EARLY CITRUS				
FL	150	40	3.95	1.00

[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 3 million boxes in 1996–97 and 1 million boxes in 1997–98. [6] Excludes White Seedless economic abandonment of 3 million boxes in 1996–97 and 15million boxes in 1997–98. [7] Includes tangelos and tangors.

NASS, Crops Branch, (202) 720–2127.

Table 5-26.—Citrus fruits: Production in specified countries, 1995–96 to 1997–98 [1]

Commodity and country	1995–96	1996–97	1997–98 [2]
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Oranges:			
Egypt	1,360	1,613	1,370
Cuba	283	482	480
Gaza Strip	73	73	78
Cyprus	170	165	150
Argentina	703	841	770
Brazil	16,973	18,972	15,014
China	1,725	1,850	2,086
Japan	28	25	24
Mexico	2,600	3,500	3,700
Spain	2,440	2,145	2,614
United States [3]	10,454	11,598	12,829
Australia	589	559	369
Morocco	870	774	1,120
Israel	460	367	400
Greece	838	946	960
South Africa	850	970	970
Turkey	880	800	750
Italy	1,770	2,100	2,000
Total	43,066	47,780	45,684
Tangerines:			
Egypt	300	448	445
Cuba	6	6	6
Israel	125	110	120
South Korea	638	507	651
Japan	1,696	1,428	1,173
China	4,667	5,730	6,250
Turkey	410	450	360
Brazil [5]	560	670	753
Spain	1,686	1,600	1,850
United States [4]	412	540	440
Argentina	336	410	300
Morocco	360	384	420
Greece	85	78	84
Mexico	145	260	270
Italy	510	500	540
Total	11,936	13,121	13,662
Grapefruit:			
Cuba	350	296	300
Gaza Strip	9	6	6
Cyprus	112	90	80
Argentina	216	229	230
Mexico	120	230	245
United States [3]	2,502	2,620	2,485
Israel	395	405	352
South Africa	172	177	177
Turkey	60	65	55
Italy	6	3	3
Total	3,942	4,121	3,933
Lemons:			
Gaza Strip	10	5	5
Cyprus	38	33	25
Argentina	720	871	980
Brazil [5]	70	73	75
Mexico	12	20	20
Spain	457	508	644
United States	896	779	848
Australia	40	38	39
Morocco	20	22	20
Israel	20	17	20
Greece	133	148	150
South Africa	71	74	74
Turkey	440	380	250
Italy	680	714	600
Total	3,607	3,682	3,750

[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.

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. U.S. data are from USDA Agricultural Statistics Board.

Table 5-27.—Concentrated citrus juices: Annual packs, Florida, 1987–96

Season beginning December	Frozen concentrated juice [1]		
	Orange [2]	Grapefruit [2]	Tangerine
	1,000 gallons	*1,000 gallons*	*1,000 gallons*
1987	169,973	31,906	583
1988	174,717	32,466	495
1989	90,285	21,774	371
1990	151,396	21,672	279
1991	145,421	19,458	297
1992	208,662	31,527	329
1993	182,231	26,485	529
1994	219,502	31,344	1,192
1995	202,353	26,930	1,102
1996	241,800	30,032	2,386

[1] Net pack. [2] Frozen orange juice reported in 42.0° Brix; Grapefruit 40.0° Brix. Includes concentrated juice for manufacture.

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

Table 5-28.—Canned citrus juices: Annual pack, Florida, 1987–96

Season beginning October	Juice (single-strength) [1]		
	Orange	Grapefruit	Blend
	1,000 cases	*1,000 cases*	*1,000 cases*
1987	7,256	7,724	449
1988	8,164	7,956	424
1989	6,640	5,986	334
1990	7,130	6,678	450
1991	7,652	5,822	309
1992	7,922	5,751	197
1993	6,849	5,375	199
1994	5,744	5,240	161
1995	5,217	4,708	135
1996	3,932	4,375	117

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

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

Table 5-29.—Citrus juice: United States exports by kind, 1987/88–1996/97

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*
1987/88	7,560	4,356	54,121	2,716	2,148	19,102
1988/89	11,064	5,401	56,498	4,932	1,448	10,916
1989/90	863	8,903	78,416	465	5,986	9,114
1990/91	0	11,624	85,074	0	6,002	9,984
1991/92	0	18,812	87,845	0	7,678	15,913
1992/93	0	24,309	91,973	0	7,000	15,847
1993/94	0	34,829	69,299	0	6,360	10,360
1994/95	0	41,554	76,494	0	7,723	14,411
1995/96	0	40,899	85,142	0	6,404	17,227
1996/97	0	47,158	100,213	0	4,551	16,198

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.

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

Table 5-30.—Oranges, fresh:[1] United States exports by country of destination, 1994/95–1996/97

Country of destination	Year beginning November 1994/95	1995/96	1996/97
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Belgium and Luxembourg	433	19	19
Denmark	17	19	0
Finland	8	0	40
France	146	116	178
Germany	43	31	150
Netherlands	1,141	1,522	793
Sweden	87	0	0
United Kingdom	79	550	342
Total EU	1,954	2,257	1,522
Western and Eastern Europe:			
Iceland	24	87	206
Russian Federation	1,167	2,588	3,794
Switzerland	4	4	0
Total	1,195	2,679	4,000
South and Central America:			
Columbia	174	141	115
Ecuador	132	44	36
Guatemala	0	0	0
Panama	0	0	88
Venezuela	0	0	10
Total	306	185	249
Caribbean:			
Bahamas, The	0	11	76
Barbados	0	4	12
Bermuda	3	6	7
Dominican Republic	0	25	0
French West Indies	28	523	0
Leeward-Windward Islands	21	0	0
Netherlands Antilles	23	0	59
Trinidad and Tobago	8	0	0
Total	83	569	154
North America:			
Canada	178,854	176,012	201,007
Mexico	1,949	3,474	5,218
Total	180,803	179,486	206,225
Africa and Asia:			
Bahrain	0	0	0
China, Peoples Republic of	463	478	127
Ghana	0	0	0
Hong Kong	128,098	101,408	139,162
India	0	0	0
Indonesia	3,257	3,180	4,776
Japan	168,591	124,446	124,748
Korea, Republic of	15,029	23,479	31,978
Malaysia	14,968	16,970	21,401
Philippines	6,574	7,823	9,384
Saudi Arabia	0	0	0
Singapore	18,282	16,196	20,024
Sri Lanka	153	104	151
Taiwan	22,211	14,945	18,383
Thailand	19	295	722
United Arab Emirates	22	0	0
Vietnam	17	83	292
Total	377,684	309,407	371,148
Oceania:			
Australia	7,018	8,919	10,348
French Pacific Islands	160	52	81
New Zealand	6,448	4,698	6,310
Other Pacific Islands	0	13	0
Total	13,626	13,682	16,739
World Total	575,651	508,265	600,037

[1] Includes temple oranges.

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

Table 5-31.—Fresh citrus fruits: Foreign trade, United States, 1987–96

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*
1987	22,183	335,091	5,084	462,138	6,800	140,839	40,843	2,839	14,954	14,712
1988	8,532	364,736	3,856	481,017	5,578	139,573	43,254	2,814	17,334	19,975
1989	12,082	490,088	4,525	301,182	10,518	132,675	44,077	4,055	11,907	6,118
1990	61,685	251,938	8,100	458,874	14,501	119,385	65,848	4,854	11,258	8,363
1991	16,136	479,110	10,018	446,560	4,607	131,721	84,805	4,578	12,365	11,941
1992	10,236	562,598	12,509	444,776	9,834	127,336	112,125	2,770	12,396	9,559
1993	16,321	543,320	14,549	461,579	8,429	124,414	113,936	2,579	10,401	11,914
1994	17,585	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

[1] Year beginning October for all commodities.

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

Table 5-32.—Dates: Total production, marketing year average price per ton, and value, California, 1989–98

Year	Bearing acreage	Yield per acre	Production	Price	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1989	5,000	4.40	22,000	1,040	22,880
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 [1]	4,900	4.53	22,200	1,130	25,086

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-33.—Dates: Foreign trade, United States, 1987–96

Year beginning October	Imports	Year beginning October	Imports
	Metric tons		*Metric tons*
1987	5,593	1992	5,426
1988	10,046	1993	5,272
1989	9,314	1994	2,774
1990	5,539	1995	4,683
1991	7,072	1996	2,587

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

Table 5-34.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1989–98 [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]
1989	27,600	135.8	3,747,000	3,747,000	44.00	164,720	3,407,500
1990	27,800	122.1	3,393,000	3,393,000	46.10	156,455	3,154,300
1991	28,400	148.6	4,219,000	4,219,000	49.00	206,616	3,912,000
1992	29,200	142.5	4,160,000	4,160,000	51.60	214,767	3,881,000
1993	29,400	133.3	3,919,000	3,919,000	50.20	196,820	3,619,000
1994	31,100	150.5	4,682,000	4,682,000	49.30	230,795	4,415,000
1995	32,800	127.8	4,193,000	4,193,000	53.40	223,938	3,858,000
1996	34,000	137.4	4,671,000	4,671,000	65.90	307,827	4,330,000
1997	35,700	154.0	5,497,000	5,497,000	63.70	350,146	5,072,000
1998 [7]	36,700	146.8	5,387,000	5,387,000	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, 1996–98

State	Area harvested			Yield per acre			Total production			Price [2] for crop of		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Acres	*Acres*	*Acres*	*Bbl.*[3]	*Bbl.*[3]	*Bbl.*[3]	*Bbl.*[3]	*Bbl.*[3]	*Bbl.*[3]	*Dollars*	*Dollars*	*Dollars*
MA	14,200	14,600	14,600	121.3	143.8	123.2	1,722,000	2,100,000	1,798,000	70.90	66.20	.....
NJ ..	3,600	3,900	3,900	129.7	149.2	140.0	467,000	582,000	546,000	61.80	56.60	.....
OR	1,800	2,000	2,200	173.3	175.0	161.4	312,000	350,000	355,000	60.50	55.70	.....
WA	1,500	1,500	1,600	120.0	110.0	105.0	180,000	165,000	168,000	61.00	55.70	.....
WI ..	12,900	13,700	14,400	154.3	167.9	175.0	1,990,000	2,300,000	2,520,000	63.80	65.00	.....
US ..	34,000	35,700	36,700	137.4	154.0	146.8	4,671,000	5,497,000	5,387,000	65.90	63.70	.....

[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, 1989–98

Year	Dried (dry basis)				Total		
	Production			Price	Production (fresh basis) [1]	Price	Value
	Total	Standard	Substandard				
	Tons	*1,000 tons*	*Tons*	*Dollars*	*Tons*	*Dollars*	*1,000 dollars*
1989	15,500	13,800	1,700	1,119.00	48,000	379.00	18,198
1990	16,000	13,600	2,400	961.00	49,600	350.00	17,370
1991	14,600	13,200	1,400	1,036.00	45,100	369.00	16,626
1992	15,200	13,900	1,300	1,185.00	46,900	405.00	18,985
1993	19,300	17,100	2,200	1,097.00	60,700	401.00	24,341
1994	18,200	17,000	1,200	1,198.00	56,700	419.00	23,768
1995	16,800	15,200	1,600	895.00	52,400	314.00	16,429
1996	14,500	13,100	1,400	774.00	45,500	283.00	12,894
1997	18,500	15,900	2,600	699.00	57,500	265.00	15,209
1998	12,800	10,000	2,800	627.00	40,200	241.00	9,687

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

NASS, Crops Branch, (202) 720–2127.

Table 5-37.—Figs, dried: Foreign trade, United States, 1987–96

Year beginning October	Imports for consumption	Domestic exports	Year beginning October	Imports for consumption	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1987	2,941	773	1992	8,239	2,623
1988	4,856	1,404	1993	10,990	3,035
1989	5,437	2,243	1994	11,653	5,927
1990	5,403	2,874	1995	4,834	4,850
1991	8,387	2,931	1996	3,780	2,027

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

Table 5-38.—Ginger Root: Area, yield, production, marketing year average price, and value, Hawaii, 1989–98

Year	Area harvested	Yield per acre	Total production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1989	180	50.0	9,000	71.5	6,435
1990	190	50.0	9,500	71.5	6,793
1991	250	48.0	12,000	63.0	7,560
1992	290	40.0	11,600	55.0	6,380
1993	360	27.5	9,900	53.0	5,247
1994	150	40.0	6,000	87.0	5,220
1995	135	43.0	5,800	87.0	5,046
1996	200	47.0	9,400	75.0	7,050
1997	275	44.0	12,100	67.0	8,107
1998	360	50.0	18,000	40.0	7,200

NASS, Crops Branch, (202) 720–2127.

Table 5-39.—Grapes: Production, value, and raisin production, United States, 1989–98

Year	Grapes				Raisins, production (California) [3]
	Production (fresh basis)		Market year average price per ton [2]	Value	
	Total [1]	Utilized [1]			
	1,000 tons	*1,000 tons*	*Dollars*	*1,000 dollars*	*1,000 tons*
1989 [4]	5,931	5,930	314.00	1,862,888	433
1990 [4]	5,660	5,660	295.00	1,670,468	396
1991 [4]	5,556	5,555	312.00	1,735,267	348
1992 [4]	6,052	6,033	306.00	1,848,591	388
1993 [4]	6,023	6,014	333.00	2,005,321	382
1994 [4]	5,873	5,869	321.00	1,882,591	419
1995 [4]	5,922	5,912	346.00	2,046,737	306
1996 [4]	5,554	5,537	429.00	2,376,111	312
1997 [4]	7,291	7,287	428.00	3,122,195	429
1998 [4 5]	5,596	5,592	446.00	2,492,306	251

[1] Numbers rounded. [2] Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [3] Dried basis; 1 ton of raisins equivalent to about 4–5 tons of fresh grapes. Excludes table varieties dried. [4] Total production includes utilized production plus production not harvested: 1989—700 tons fresh equivalent; 1990—120 tons fresh equivalent; 1991—630 tons fresh equivalent; 1992—19,500 tons fresh equivalent; 1993—8,600 tons fresh equivalent; 1994—4,400 tons fresh equivalent; 1995—9,550 tons fresh equivalent. [5] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-40.—Grapes: Production and marketing year average price per ton, by States, 1996–98

State	Total production			Utilized production			Price [2] for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
AZ	25,000	25,000	23,000	25,000	25,000	23,000	803.00	588.00	751.00
AR	9,000	6,500	4,550	8,000	5,500	4,430	629.00	586.00	497.00
CA:									
All varieties	5,009,000	6,648,000	5,065,000	5,009,000	6,648,000	5,065,000	438.00	434.00	448.00
Wine varieties	2,225,000	2,940,000	2,500,000	2,225,000	2,940,000	2,500,000	536.00	598.00	574.00
Table varieties	592,000	825,000	605,000	592,000	825,000	605,000	650.00	448.00	484.00
Raisin varieties [3]	2,192,000	2,883,000	1,960,000	2,192,000	2,883,000	1,960,000	281.00	262.00	276.00
GA	2,800	2,600	3,200	2,600	2,300	2,900	1,050.00	933.00	1,110.00
MI	65,000	61,000	71,000	59,500	61,000	71,000	228.00	252.00	251.00
MO	2,000	1,950	2,200	2,000	1,950	2,200	480.00	479.00	531.00
NY	189,000	139,000	128,000	184,000	137,000	125,000	257.00	284.00	305.00
NC	1,200	950	1,500	900	950	1,500	757.00	968.00	1,030.00
OH	8,000	6,900	6,100	7,800	6,800	6,000	244.00	286.00	314.00
OR	15,000	18,500	14,700	15,000	18,500	14,700	1,020.00	1,120.00	1,180.00
PA	83,000	61,000	54,000	79,000	61,000	54,000	237.00	257.00	267.00
SC	600	500	300	525	365	275	1,090.00	1,220.00	1,520.00
WA	144,000	319,000	222,000	144,000	319,000	222,000	401.00	390.00	482.00
US	5,553,600	7,290,900	5,595,550	5,537,325	7,287,365	5,592,005	429.00	428.00	446.00

[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, 1989–98

Crop of—	Total production [1]	Utilized production	Utilization of quantities sold				
			Fresh	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc.[2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1989	5,930,850	5,930,050	787,230	40,000	1,864,000	2,850,050	388,770
1990	5,659,900	5,659,780	848,980	40,000	1,747,100	2,697,980	325,720
1991	5,555,900	5,555,270	800,400	41,000	1,582,500	2,717,820	413,550
1992	6,052,050	6,032,550	769,070	46,000	1,575,800	3,237,210	404,470
1993	6,022,950	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 [3]	5,595,550	5,592,005	722,795	36,000	1,281,600	3,198,060	353,550

[1] Total production includes utilized production plus production not harvested: 1989—700 tons fresh equivalent;1990—120 tons fresh equivalent; 1991—630 tons fresh equivalent; 1992—19,500 tons fresh equivalent; 1993—8,600 tons fresh equivalent; 1994—4,400 tons fresh equivalent; 1995—9,550 tons fresh equivalent. [2] Mostly juice, but includes some quantities used for jam, jelly, etc. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-42.—Grapes: Production and utilization, by States, crop of 1998 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh	Processed (fresh basis)			
				Canned	Dried [1]	Crushed for—	
						Wine	Juice, etc.[2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
AZ	23,000	23,000	12,800	.....	9,600	.....	.....
AR	4,550	4,430	1,070	.....	.....	.....	.....
CA:							
All varieties	5,065,000	5,065,000	703,000	.....	1,272,000	3,054,000	.....
Wine varieties	2,500,000	2,500,000	45,000	.....	.....	2,455,000	.....
Table varieties	605,000	605,000	438,000	.....	17,000	150,000	.....
Raisin varieties	1,960,000	1,960,000	220,000	36,000	1,255,000	449,000	.....
GA	3,200	2,900	1,600	.....	.....	1,300	.....
MI	71,000	71,000	400	.....	.....	2,800	67,800
MO	2,200	2,200	100	.....	.....	2,050	.....
NY	128,000	125,000	2,000	.....	.....	36,000	87,000
NC	1,500	1,500	.....	.....	.....	.....	.....
OH	6,100	6,000	200	.....	.....	800	5,000
OR	14,700	14,700	.....	.....	.....	14,700	.....
PA	54,000	54,000	.....	.....	.....	11,500	41,500
SC	300	275	.....	.....	.....	.....	.....
WA	222,000	222,000	1,000	.....	.....	70,000	152,000
Other States	.....	.....	625	.....	.....	4,910	250
US	5,595,550	5,592,005	722,795	36,000	1,281,600	3,198,060	353,550

[1] Equivalent raisins produced (dried basis): 307,100 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, 1995/96–1997/98

Country of destination	Year beginning September		
	1995/96	1996/97	1997/98
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Belgium and Luxembourg	2,778	2,162	1,438
Denmark	5,631	5,286	5,469
Finland	2,078	2,142	2,119
France	438	402	679
Germany, Fed. Rep. of	9,210	5,943	7,191
Ireland	274	210	142
Italy	32	62	142
Netherlands	3,273	3,271	3,820
Norway	2,337	2,572	1,993
Spain	420	584	666
Sweden	4,317	4,570	4,693
Switzerland	170	138	239
United Kingdom	27,630	24,867	26,270
Other countries	875	1,305	1,233
Total	59,463	53,514	56,094
Latin America:			
Brazil	524	952	2,578
Colombia	120	170	321
Costa Rica	21	11	265
Ecuador	34	28	46
El Salvador	5	6	16
Guatemala	7	17	32
Honduras	42	82	129
Mexico	587	1,572	1,167
Panama	425	398	513
Venezuela	432	250	432
Other countries	137	104	204
Total	2,334	3,590	5,703
Bermuda and Caribbean:			
Bahamas	53	57	47
Bermuda	54	45	36
Dominican Republic	391	447	694
Haiti	15	16	19
Jamaica	24	98	4
Netherlands Antilles	52	253	584
Trinidad and Tobago	39	65	109
Other countries	13	12	0
Total	641	993	1,493
Other countries:			
Australia	36	106	1,081
Canada	10,447	11,463	11,973
Hong Kong	4,993	3,780	4,344
Israel	657	922	1,050
Japan	25,038	27,069	23,822
Korea, Rep. of	2,142	2,192	2,175
Malaysia	1,454	1,689	1,218
New Zealand	1,395	1,522	1,269
Philippines	163	734	1,089
Saudi Arabia	508	482	396
Singapore	3,570	3,704	2,585
Taiwan	3,889	4,034	4,524
Thailand	129	214	141
United Arab Emirates	258	87	154
Other countries	1,507	1,721	1,503
Total	56,186	59,719	57,324
Grand total	118,624	117,816	120,614

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 1987–96

Year beginning October	Grapes		Raisins [1]	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*
1987	307,459	116,720	9,508	104,215
1988	280,902	136,246	1,143	102,894
1989	368,236	173,706	10,414	114,727
1990	337,741	190,427	11,810	148,180
1991	310,142	218,374	7,667	140,257
1992	325,136	184,779	7,425	121,523
1993	311,027	215,505	6,432	122,628
1994	363,687	204,784	11,134	122,133
1995	341,098	240,097	12,525	118,824
1996	351,567	233,558	11,437	115,016

[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, 1989–98

Year	Area harvested	Yield per acre	Production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1989	965	21.3	20,600	15.0	3,090
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	NA	NA	NA	NA	NA

NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-46.—Nectarines: Production, utilization, and value, California, 1989–98

Crop of—	Production	Utilization		Marketing year average price per ton [2]	Value
		Fresh [1]	Processed (fresh basis)		
	Tons	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1989	220,000	219,000	1,000	398.00	87,645
1990	232,000	229,500	2,500	474.00	109,999
1991	215,000	211,000	4,000	402.00	86,457
1992	236,000	233,000	3,000	312.00	73,710
1993	205,000	201,000	4,000	500.00	102,421
1994	242,000	238,000	4,000	282.00	68,168
1995	176,000	170,000	6,000	534.00	93,990
1996	247,000	239,800	7,200	474.00	116,977
1997	264,000	258,500	5,500	375.00	98,895
1998 [3]	230,000	213,600	16,400	472.00	108,502

[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 utilization, California, 1989–98

Year	Production	Marketing year average price per ton	Value	Utilization			
				Crushed for oil	Canned	Limited	Undersized
	Tons	*Dollars*	*1,000 dollars*	*Tons*	*Tons*	*Tons*	*Tons*
1989	123,000	467.00	57,458	5,500	94,000	14,000	9,000
1990	131,500	423.00	55,663	5,000	88,000	22,000	16,000
1991	65,000	559.00	36,306	1,800	53,700	7,300	1,700
1992	165,000	549.00	90,561	5,700	121,000	31,500	6,300
1993	122,000	467.00	56,991	5,300	93,000	19,700	3,500
1994	84,000	464.00	38,994	4,400	66,500	8,400	4,200
1995	77,500	646.00	50,069	4,000	58,500	9,300	5,200
1996	166,000	617.00	102,364	7,000	123,000	29,000	6,500
1997	104,000	642.00	66,801	3,600	82,200	10,200	7,500
1998 [1]	90,000	448.00	40,346	4,100	64,200	12,800	8,400

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

Table 5-48.—Olives and olive oil: Foreign trade, United States,1987–96

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*
1987	72,160	696	68,101	5	1992	62,214	606	123,234	0
1988	61,748	413	.....	.....	1993	64,615	462	123,934	0
1989	64,467	700	91,142	0	1994	60,120	1,045	127,647	0
1990	60,835	487	99,698	0	1995	65,399	396	113,590	125
1991	61,924	682	106,954	0	1996	73,546	355	148,051	43

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

Table 5-49.—Peaches: Production and value, United States, 1989–98

Year	Total production	Utilized production	Marketing year average price [1]	Value
	Million pounds	*Million pounds*	*Cents per pound*	*1,000 dollars*
1989	2,362.8	2,236.8	16.4	366,274
1990	2,242.2	2,148.6	17.4	373,651
1991	2,695.5	2,515.4	15.7	396,109
1992	2,671.9	2,492.7	15.2	379,749
1993	2,644.3	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]	2,425.8	2,350.9	18.8	442,939

[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, 1987–96

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*
1987	38,906	19,831	9,475	287	69,806
1988	44,727	17,689	8,428	624	74,311
1989	51,508	13,951	9,083	646	84,728
1990	68,384	18,376	11,227	718	102,640
1991	71,416	19,308	13,428	704	108,063
1992	64,003	21,393	13,965	728	84,151
1993	83,309	18,171	10,402	831	116,499
1994	68,237	20,915	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

[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, 1989–98

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*
1989	2,362.8	2,236.8	1,066.6	918.4	28.6	143.9	79.3
1990	2,242.2	2,148.6	942.7	960.9	27.1	168.2	49.7
1991	2,695.5	2,515.4	1,241.7	987.1	44.4	161.5	80.7
1992	2,671.9	2,492.7	1,110.2	1,096.6	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 [4]	2,425.8	2,350.9	1,026.3	985.2	25.0	185.8	128.6

[1] Includes harvested not sold and unharvested production for California Clingstone peaches (tons): 1989, 1990—None. [2] Includes "Home use." [3] Used for jams, preserves, pickles, wine, brandy, baby food, etc. Includes small quantities frozen for some years. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-52.—Peaches: Production and season average price per pound, 1996–98

State	Total production			Utilized production			Price[2] for crop of—		
	1996	1997	1998[1]	1996	1997	1998[1]	1996	1997	1998[1]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Dollars*	*Dollars*
AL	0.5	25.0	16.0	0.5	24.0	15.0	0.506	0.302	0.456
AR	1.2	14.3	12.5	1.1	14.3	11.1	0.155	0.290	0.328
CA:									
Freestone	674.0	739.0	707.3	674.0	739.0	707.3	0.217	0.122	0.159
CO	17.0	7.0	20.0	16.0	6.5	18.5	0.496	0.661	0.488
CT	2.1	2.3	2.3	2.1	2.3	2.3	0.550	0.700	0.700
DE[3]	2.1	.....	.....	2.1	.....	.....	0.425	.....	.....
GA	10.0	160.0	70.0	10.0	145.0	65.0	0.338	0.243	0.345
ID	8.5	7.5	9.0	8.2	7.1	8.7	0.470	0.574	0.436
IL	2.0	12.5	15.0	1.0	10.0	13.5	0.640	0.406	0.433
IN	2.0	2.5	3.8	1.9	2.4	3.7	0.473	0.545	0.318
KS	0.4	0.2	0.5	0.3	0.2	0.5	0.450	0.420	0.470
KY	0.5	0.6	1.8	0.4	0.5	1.5	0.623	0.300	0.375
LA	0.2	1.1	1.4	0.2	1.0	1.4	0.780	0.453	0.710
MD	9.3	9.7	10.5	8.6	9.0	10.2	0.400	0.430	0.300
MA	1.6	2.0	1.8	1.6	2.0	1.7	0.550	0.700	0.800
MI	38.0	55.0	43.0	38.0	55.0	42.5	0.270	0.263	0.264
MO	3.3	9.5	9.0	3.3	9.5	9.0	0.460	0.350	0.396
NJ	78.0	65.0	70.0	77.0	65.0	68.0	0.437	0.449	0.449
NY	12.0	12.0	10.0	11.5	11.5	8.5	0.348	0.461	0.416
NC	1.9	10.0	25.0	1.9	10.0	25.0	0.402	0.350	0.380
OH	7.1	6.0	6.8	7.1	5.8	6.5	0.462	0.400	0.416
OK[4]	.....	2.0	20.0	.....	1.8	18.0	.....	0.224	0.412
OR	7.0	5.8	8.0	7.0	5.4	7.9	0.407	0.529	0.315
PA	70.0	70.0	65.0	70.0	70.0	65.0	0.330	0.337	0.317
SC	8.0	160.0	140.0	6.6	120.0	105.0	0.591	0.208	0.260
TN	0.4	3.5	3.2	0.4	3.0	3.0	0.675	0.380	0.450
TX	6.0	20.0	24.0	5.2	16.0	19.0	0.740	0.350	0.520
UT	7.5	8.1	7.7	7.3	7.6	7.0	0.320	0.270	0.270
VA	14.0	9.0	14.0	13.0	8.0	12.0	0.340	0.280	0.300
WA	11.0	46.0	51.0	11.0	46.0	51.0	0.464	0.420	0.344
WV	16.0	11.0	13.0	15.5	10.5	12.4	0.369	0.293	0.264
Total above	1,011.6	1,476.6	1,381.6	1,002.8	1,408.4	1,320.2	0.275	0.214	0.250
CA:									
Clingstone	1,093.0	1,148.0	1,044.2	1,041.0	1,100.0	1,030.7	0.110	0.130	0.110
US	2,104.6	2,624.6	2,425.8	2,043.8	2,508.4	2,350.9	0.191	0.177	0.188

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for CA and WA except equivalent returns for bulk fruit at the first delivery point for CA Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [3] Estimates discontinued in 1997. [4] No significant commercial production in 1996 due to freeze damage.

NASS, Crops Branch, (202) 720–2127.

Table 5-53.—Peaches: Production and utilization, by States, crop of 1998 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh[1]	Processed (fresh basis)			
				Canned	Dried	Frozen	Other[2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
CA, all[3]	1,751.5	1,738.0	.....	964.5	.....	.....	.....
Clingstone[3]	1,044.2	1,030.7	.....	939.0	.....	.....	.....
Freestone	707.3	707.3	457.9	25.5	25.0	163.8	.....
GA	70.0	65.0	.....	.....	.....	.....	.....
NJ	70.0	68.0	.....	.....	.....	.....	.....
PA	65.0	65.0	.....	.....	.....	.....	.....
SC	140.0	105.0	91.0	.....	.....	.....	.....
WA	51.0	51.0	.....	.....	.....	.....	.....
Other States	278.3	258.9	477.4	20.7	.....	22.0	128.6
US	2,425.8	2,350.9	1,026.3	985.2	25.0	185.8	128.6

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

NASS, Crops Branch, (202) 720–2127.

Table 5-54.—Peaches, canned: United States exports by country of destination, 1995/96–1997/98

Country of destination	Year beginning June		
	1995/96	1996/97	1997/98
	Metric tons	*Metric tons*	*Metric tons*
Caribbean:			
Bahamas	41	50	42
Bermuda	25	17	15
Dominican Republic	9	10	9
Haiti	0	4	0
Jamaica & Dep	20	2	3
Leeward-Windward Islands	0	0	1
Netherlands Antilles	0	24	9
Trinidad and Tobago	5	0	17
Total	100	107	96
Central America:			
Costa Rica	752	494	581
El Salvador	186	214	218
Guatamala	186	217	188
Honduras	0	81	16
Nicaragua	0	0	3
Panama	195	102	357
Total	1,319	1,108	1,363
European Union:			
Belgium and Luxembourg	4	0	33
Finland	16	0	0
France	9	0	35
Germany	48	233	346
Greece	69	0	0
Italy	0	0	982
Netherlands	46	27	24
Spain	151	0	17
Sweden	19	17	18
United Kingdom	45	77	63
Total	407	354	1,518
Former Soviet Union:			
Georgia, Repulic of	0	0	33
Latvia	0	0	0
Russian Federation	176	1,077	579
Ukraine	0	0	15
Total	176	1,077	627
Middle East:			
Bahrain	37	15	3
Israel	16	13	382
Jordan	11	3	0
Kuwait	150	161	77
Lebanon	20	9	21
Oman	0	0	0
Qatar	38	23	3
Saudi Arabia	166	201	467
Turkey	200	0	298
United Arab Emirates	67	57	20
Yemen	0	0	9
Total	705	482	1,280
North America:			
Canada	5,589	4,192	7,452
Mexico	294	451	950
Total	5,883	4,643	8,402
Oceania:			
Australia	0	18	52
French Pacific Islands	36	47	34
Marshal Islands	8	0	29
New Zealand	0	0	28
Total	44	65	143
Other Africa:			
South Africa; Republic	36	0	0
Total	36	0	0
Other Asia:			
Brunei	3	11	0
Hong Kong	867	809	287
Indonesia	51	26	26
Japan	4,290	2,559	2,917
Korea; Republic of	2,495	1,593	569
Malaysia	36	66	4
Philippines	617	442	119
Singapore	958	900	228
Taiwan	1,852	1,295	912
Thailand	19	66	45
Total	11,188	7,767	5,107
Other West Europe:			
Iceland	0	0	3
Norway	21	58	16
Total	21	58	19
South America:			
Brazil	866	0	0
Chile	76	95	99
Colombia	114	94	31
Ecuador	73	65	77
Paraguay	15	0	0
Peru	186	32	159
Surinam	6	0	0
Venezuela	81	56	75
Total	1,417	342	441
South Asia:			
Bangaladesh	0	5	0
Sri Lanka	0	0	0
Total	0	5	0
Grand total	21,296	16,008	18,996

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

Table 5-55.—Pineapples: Area, utilized production, utilization, marketing year average price, and value, Hawaii, 1989–98

Year	Area harvested	Utilized production	Utilization		Price per pound	Value
			Fresh	Processed		
	Acres	*Tons*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1989	32,700	580,000	145,000	435,000	170	98,310
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 [1]	21,000	332,000	111,000	221,000	279	92,776

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-56.—Pears: Production and value, United States 1989–98

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*
1989	915,800	915,450	277.00	253,262	1994	1,045,950	1,045,450	223.00	233,071
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 [2]	926,240	923,895	299.00	276,688

[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, 1996–98

Variety and State	Total production			Utilized production			Price [2] for crop—		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
CA, all	317,000	312,000	288,000	317,000	312,000	288,000	289.00	273.00	270.00
Bartlett	287,000	282,000	258,000	287,000	282,000	258,000	267.00	263.00	250.00
Other	30,000	30,000	30,000	30,000	30,000	30,000	500.00	371.00	436.00
CO	1,200	2,600	3,500	1,100	2,580	3,325	436.00	295.00	449.00
CT	1,050	1,200	1,200	1,050	1,200	1,200	725.00	700.00	800.00
MI	6,000	4,000	5,040	6,000	4,000	4,800	260.00	250.00	271.00
NY	15,000	8,000	11,500	15,000	8,000	10,000	383.00	384.00	375.00
OR, all	175,000	255,000	245,000	175,000	254,500	244,600	457.00	278.00	310.00
Bartlett	45,000	75,000	65,000	45,000	74,500	64,600	361.00	299.00	341.00
Other	130,000	180,000	180,000	130,000	180,000	180,000	490.00	269.00	298.00
PA	4,000	4,000	6,100	3,900	4,000	6,100	505.00	552.00	351.00
UT	1,300	700	900	1,200	650	870	483.00	586.00	307.00
WA, all	300,000	455,000	365,000	300,000	455,000	365,000	419.00	272.00	311.00
Bartlett	105,000	205,000	145,000	105,000	205,000	145,000	376.00	262.00	270.00
Other	195,000	250,000	220,000	195,000	250,000	220,000	442.00	280.00	337.00
US	820,550	1,042,500	926,240	820,250	1,041,930	923,895	376.00	276.00	299.00

[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, 1995/96–1997/98 [1]

Continent and country	1995/96	1996/97	1997/98
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	11.3	17.4	15.6
Mexico	27.7	36.5	37
United States	860.2	744.6	947.2
Total	899.2	798.5	999.8
South America:			
Argentina	492.8	490.7	621.6
Chile	252.0	257.0	260
Total	744.8	747.7	881.6
European Union:			
Austria	46.5	41.4	39.3
Belgium/Luxembourg	157.3	138.5	131.1
Denmark	7.4	6.3	6.3
France	320.9	354.3	258.8
Germany	39.6	37.0	24
Greece	55.5	70.0	60
Italy	958.0	1,074.0	659
Netherlands	165.0	135.0	145
Spain	469.0	656.5	650
Sweden	8.0	12.3	11.1
United Kingdom	34.8	40.1	24.4
Total	2,215.5	2,524.0	1,969.7
Other Europe:			
Norway	3.3	2.6	3.6
Turkey	410.0	415.0	400
Total	413.3	417.6	403.6
Total Europe	2,628.8	2,941.6	2,373.3
Africa:			
South Africa	242.5	276.9	283.8
Total	242.5	276.9	283.8
Asia:			
Japan	400.3	396.8	427.8
Total	400.3	396.8	427.8
Oceania:			
Australia	155.8	148.6	146.4
New Zealand	18.8	20.2	20.6
Total	174.6	168.8	167.0
Total specified countries	5,090.2	5,330.3	5,133.3

[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, 1987–96

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*
1987	32,499	44,882	1,140	228	8,291	55,752
1988	39,948	64,653	1,192	495	9,060	78,029
1989	41,292	93,715	2,155	513	7,948	107,055
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

[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 1998 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh [1]	Processed [2]
	Tons	*Tons*	*Tons*	*Tons*
CA, all	288,000	288,000	(3)	(3)
Bartlett	258,000	258,000	53,000	205,000
Other	30,000	30,000	(3)	(3)
CO	3,500	3,325	(3)	(3)
CT	1,200	1,200	1,200	(3)
MI	5,040	4,800	(3)	(3)
NY	11,500	10,000	(3)	(3)
OR, all	245,000	244,600	(3)	(3)
Bartlett	65,000	64,600	29,600	35,000
Other	180,000	180,000	(3)	(3)
PA	6,100	6,100	(3)	(3)
UT	900	870	870	(3)
WA, all	365,000	365,000	(3)	(3)
Bartlett	145,000	145,000	43,000	102,000
Other	220,000	220,000	(3)	(3)
US	926,240	923,895	519,895	404,000

[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, 1989–98

Crop of—	Total production	Utilized production	Utilization of quantities sold—Fresh [1]
	Tons	*Tons*	*Tons*
1989	915,800	915,450	453,220
1990	962,150	962,000	465,610
1991	903,000	902,850	462,000
1992	923,200	921,350	442,180
1993	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 [2]	926,240	923,895	519,895

[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, 1989–98

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*
1989	2,500	74,000	64,000	10,000	19.4	14,380
1990	2,400	68,500	58,000	10,500	21.6	14,805
1991	2,025	55,350	48,150	7,200	29.3	16,228
1992	2,415	71,300	55,800	15,500	20.2	14,415
1993	2,555	63,700	58,200	5,500	21.5	13,673
1994	2,200	62,000	56,200	5,800	22.3	13,831
1995	2,435	50,800	41,900	8,900	36.4	18,494
1996	1,835	41,800	37,800	4,000	40.8	17,054
1997	1,985	38,800	35,700	3,100	48.9	18,978
1998 [1]	2,200	39,000	35,000	4,000	31.7	12,370

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-63.—Plums, California: Production, value, and utilization, 1989–98

Season	Total production	Utilized production	Marketing year average price per ton [1]	Value
	Tons	*Tons*	*Dollars*	*1,000 dollars*
1989	216,000	216,000	445.00	96,146
1990	223,000	223,000	603.00	134,412
1991	218,000	218,000	449.00	97,894
1992	250,000	250,000	252.00	63,033
1993	185,000	185,000	508.00	93,954
1994	247,000	247,000	321.00	79,358
1995	124,000	124,000	950.00	117,849
1996	228,000	228,000	420.00	95,831
1997	246,000	246,000	312.00	76,825
1998 [2]	187,000	187,000	529.00	98,858

[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 and plums: [1] Production, value, and utilization, 4-States, 1989–98

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*
1989	47,000	43,850	207.00	9,079	22,750	6,950	12,950	1,200
1990	47,800	43,200	195.00	8,444	24,300	8,400	9,600	900
1991	24,100	23,800	283.00	6,747	12,990	3,010	6,850	950
1992	44,600	44,400	192.00	8,524	21,060	9,440	13,400	500
1993	28,200	25,930	183.00	4,746	13,790	2,890	8,700	550
1994	38,100	32,100	168.00	5,401	13,550	6,800	10,650	1,100
1995	22,500	21,480	313.00	6,718	12,200	2,730	5,650	900
1996	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 [3]	25,600	24,800	311.00	7,707	11,750	4,150	7,250	1,650

[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 5-65.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1996–98

State	Total production			Utilized production			Price [2] for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
ID	5,000	3,000	4,500	4,700	2,700	4,300	596.00	517.00	553.00
MI	2,500	4,000	3,600	2,500	4,000	3,600	335.00	348.00	300.00
OR	6,000	12,000	10,500	5,500	10,500	9,900	354.00	238.00	274.00
WA	6,000	6,500	7,000	6,000	6,500	7,000	448.00	184.00	219.00
Total, 4 States	19,500	25,500	25,600	18,700	23,700	24,800	442.00	273.00	311.00

[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 5-66.—Prunes (dried basis): Production, price and value, California, 1989–98 [1]

Season	Production [2]	Marketing year average price per ton [3]	Value
	Tons	*Dollars*	*1,000 dollars*
1989	226,000	779.00	176,054
1990	147,000	873.00	128,331
1991	187,000	940.00	175,780
1992	184,000	1,030.00	189,520
1993	121,000	1,120.00	135,520
1994	193,000	1,090.00	210,370
1995	181,000	1,040.00	188,240
1996	223,000	839.00	187,097
1997	214,000	798.00	163,590
1998 [4]	108,000	NA	NA

[1] The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit. [2] Production all utilized. [3] Equivalent returns at the processing plant door. [4] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-67.—Prunes and plums: Utilization and marketing year average price per ton, by State, 1992–98 [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:								
1992	4,000	(5)	4,400	(5)	311.00	(5)	224.00	(5)
1993	2,000	(5)	4,300	(5)	410.00	(5)	180.00	(5)
1994	1,700	(5)	3,650	(5)	230.00	(5)	140.00	(5)
1995	3,300	(5)	3,150	(5)	340.00	(5)	125.00	(5)
1996	1,250	(5)	900	(5)	360.00	(5)	300.00	(5)
1997	1,500	(5)	2,100	(5)	460.00	(5)	267.00	(5)
1998	1,200	(5)	1,550	(5)	390.00	(5)	225.00	(5)
WA:								
1992	6,000	(5)	(5)	(5)	229.00	(5)	(5)	(5)
1993	4,600	(5)	(5)	(5)	189.00	(5)	(5)	(5)
1994	4,600	(5)	(5)	(5)	208.00	(5)	(5)	(5)
1995	4,500	(5)	(5)	(5)	392.00	(5)	(5)	(5)
1996	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1997	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1998	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Total 4 States: [6]								
1992	21,060	9,440	13,400	500	243.00	131.00	154.00	204.00
1993	13,790	2,890	8,700	550	206.00	78.00	184.00	156.00
1994	13,550	6,800	10,650	1,100	255.00	75.00	122.00	123.00
1995	12,200	2,730	5,650	900	441.00	118.00	153.00	176.00
1996	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

[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, 1995/96–1997/98

Country of destination	Year beginning September		
	1995/96	1996/97	1997/98
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Austria	394	340	254
Belgium and Luxembourg	479	268	205
Denmark	2,449	1,592	1,639
Finland	1,628	1,600	1,639
France	51	148	0
Germany, Fed. Rep. of	11,449	10,269	11,353
Greece	99	84	54
Ireland	49	32	171
Italy	6,543	5,745	6,899
Netherlands	2,950	2,039	1,828
Norway	1,107	1,095	1,050
Spain	1,251	1,276	1,284
Sweden	1,827	1,693	1,718
Switzerland	71	124	218
United Kingdom	5,520	5,734	4,677
Other countries	136	0	47
Total	36,003	32,039	33,036
Latin America:			
Brazil	337	268	241
Colombia	98	24	22
Costa Rica	81	53	24
Ecuador	28	34	81
El Salvador	11	12	24
Guatemala	15	0	0
Mexico	1,019	1,073	1,304
Panama	117	93	119
Venezuela	82	185	357
Other countries	31	0	59
Total	1,819	1,742	2,231
Bermuda and Caribbean:			
Bahamas	11	6	5
Bermuda	3	6	0
Dominican Republic	88	144	151
Haiti	1	9	4
Jamaica	36	17	10
Netherlands Antilles	569	2,039	2,271
Trinidad and Tobago	30	13	0
Other countries	53	0	7
Total	791	2,234	2,448
Other countries:			
Australia	470	917	668
Canada	4,169	4,215	4,158
Egypt	513	335	539
Hong Kong	561	1,073	808
Israel	1,015	1,029	1,159
Japan	13,088	15,408	19,828
Korea	0	17	5
Malaysia	290	389	224
New Zealand	404	722	664
Phillipines	132	661	215
Poland	462	945	1,062
Saudi Arabia	135	31	79
Singapore	1,085	3,175	1,735
Taiwan	702	905	894
Thailand	89	79	26
United Arab Emirates	118	84	63
Total	23,233	29,985	32,127
Other countries	571	1,014	733
Grand total	62,417	67,014	70,575

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, 1987–96

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*
1987	16,943	457	444	18,507	39,862	59,299	588	195,338
1988	21,879	365	717	24,068	27,585	58,031	1,278	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	24,760	71,906	67,535	1,382	250,825

[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, 1996–98

Utilization, season, and State	Production			Value per unit		
	1996	1997	1998 [1]	1996	1997	1998 [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	1,560	1,769	1,612	72.20	82.60	100.00
Total	1,560	1,769	1,612	72.20	82.60	100.00
Spring:						
AR	4	15	8	75.00	85.00	65.00
CA	9,989	9,618	9,386	52.50	61.40	68.70
LA	56	50	60	61.00	60.00	70.00
MI	56	87	82	78.00	80.00	79.00
NJ	16	20	20	68.80	83.30	44.20
NY	74	67	61	120.00	101.00	115.00
NC	162	180	200	67.00	70.00	75.00
OH	36	34	52	89.00	93.00	100.00
OR	48	35	26	75.30	86.00	70.00
PA	56	64	50	97.00	77.30	109.00
WA	25	23	20	85.00	96.00	92.00
WI	44	56	61	98.00	102.00	108.00
Total	10,566	10,249	10,026	54.10	62.60	69.80
US	12,126	12,018	11,638	56.50	65.60	74.00
PROCESSING						
Spring:						
CA	3,619	3,716	4,650	16.70	25.80	29.70
MI	4	11	13	36.00	41.00	47.00
OR	430	465	480	44.70	36.00	50.00
WA	80	68	100	56.00	34.00	42.00
US	4,133	4,260	5,243	20.40	27.10	31.80

[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, 1989–98

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*
1989	46,100	248	11,420	47.10	537,756	8,616	53.90	464,499	2,804	26.10	73,257
1990	46,080	272	12,537	47.00	589,588	8,636	55.30	477,487	3,901	28.70	112,101
1991	46,080	296	13,656	46.20	631,458	9,682	54.00	522,567	3,974	27.40	108,891
1992	49,530	269	13,348	52.30	698,004	9,997	61.50	615,243	3,351	24.70	82,761
1993	51,230	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	797,974	4,260	27.10	115,376
1998 [4]	45,230	373	16,881	60.90	1,027,929	11,638	74.00	861,013	5,243	31.80	166,916

[1] Excludes the following quantities not harvested and not marked because of economic conditions (1,000 hundredweight): 9 in 1989, 13 in 1990, 7 in 1991, 8 in 1992, 6 in 1993, and 50 in 1995. [2] Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door. [3] Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-72.—Strawberries, commercial crop: Area harvested, production, value per hundred weight, by States, 1996–98 [1]

Season and State	Area harvested			Production			Value per unit		
	1996	1997	1998 [2]	1996	1997	1998 [2]	1996	1997	1998 [2]
Winter:	*Acres*	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	6,000	6,100	6,200	1,560	1,769	1,612	72.20	82.60	100.00
Total	6,000	6,100	6,200	1,560	1,769	1,612	72.20	82.60	100.00
Spring:									
AR	170	210	180	4	15	8	75.00	85.00	65.00
CA	25,200	22,600	24,200	13,608	13,334	14,036	43.00	51.50	55.80
LA	750	450	400	56	50	60	61.00	60.00	70.00
MI	1,500	1,500	1,400	60	98	95	75.20	75.60	74.60
NJ	450	450	450	16	20	20	68.80	83.30	44.20
NY	1,900	1,600	1,600	74	67	61	120.00	101.00	115.00
NC	1,800	1,500	1,600	162	180	200	67.00	70.00	75.00
OH	1,000	950	1,000	36	34	52	89.00	93.00	100.00
OR	5,200	5,000	4,400	478	500	506	47.80	39.50	51.00
PA	1,300	1,400	1,200	56	64	50	97.00	77.30	109.00
WA	1,300	1,400	1,500	105	91	120	62.90	49.70	50.30
WI	1,100	1,100	1,100	44	56	61	98.00	102.00	108.00
Total	41,670	38,160	39,030	14,699	14,509	15,269	44.70	52.20	56.80
US	47,670	44,260	45,230	16,259	16,278	16,881	47.30	55.50	60.90

[1] Includes quantities used for fresh market and processing. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-73.—Fruits, noncitrus: Production, utilization, and value, United States, 1989–98 [1]

Year	Utilized production	Fresh [2]	Processed						Value of utilized production
			Canned	Dried	Juice	Frozen	Wine	Other	
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 dollars*
1989	16,345	6,104	2,266	2,857	1,580	479	2,869	190	5,279,382
1990	15,640	6,093	2,244	2,440	1,448	506	2,717	192	5,525,279
1991	15,740	6,215	2,119	2,417	1,583	501	2,739	167	6,021,210
1992	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	18,382	6,643	2,130	2,678	1,675	699	4,035	247	8,141,219
1998 [3]	16,035	NA	NA	NA	NA	NA	NA	NA	7,095,525

[1] Includes the following crops: Apples, apricots, avocados, bananas, berries (beginning 1992), cherries, cranberries, dates, figs, grapes, guavas (beginning in 1988), kiwifruit, nectarines, olives, papayas, peaches, pears, pineapples, plums, pomegranates (discontined after 1989), prunes, and strawberries. [2] Includes "Home Use," local and roadside sales. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-74.—Fruits: Arrivals at 4 markets, by commodities, 1997

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	18	230	248	38	156	194	163	343	506	76	174	250
Lemons	41	114	155	187	93	280	339	328	667	196	136	332
Limes	...	42	42	...	56	56	...	326	326	...	17	17
Mixed citrus	...	...	...	...	...	...	...	...	...	...	...	...
Oranges	95	535	630	403	318	721	759	626	1,385	424	373	797
Tangelos	...	20	20	...	3	3	...	5	5	...	9	9
Tangerines	1	75	76	...	41	41	20	204	224	14	35	49
Temples	...	7	7	...	3	3	...	14	14	...	3	3
Citrus, other [4]	...	8	8	...	35	35	...	168	168	3	23	26
Total	155	1,031	1,186	628	705	1,333	1,281	2,014	3,295	713	770	1,483
Non-citrus:												
Apples	10	524	534	111	303	414	232	1,075	1,307	121	297	418
Apricots	...	7	7	...	3	3	...	11	11	...	6	6
Avocados	...	30	30	...	39	39	...	144	144	...	13	13
Bananas	...	1,866	1,866	...	2,192	2,192	...	328	328	...	472	472
Blueberries	...	19	19	...	19	19	...	20	20	...	14	14
Cherries	...	21	21	1	31	32	...	28	28	...	27	27
Cranberries	...	1	1	...	2	2	...	1	1	...	...	...
Grapes, table	6	373	379	60	281	341	146	407	553	105	168	273
Grapes, juice	1	...	1	15	16	31	22	...	22	10	5	15
Kiwifruit	...	13	13	...	10	10	...	15	15	2	...	2
Mangoes	...	22	22	2	55	57	...	82	82	...	40	40
Mixed deciduous	...	...	...	...	...	...	...	...	...	...	...	...
Nectarines	6	89	95	36	65	101	67	104	171	37	43	80
Papaya	...	...	...	...	2	2	...	5	5	...	...	...
Peaches	5	122	127	37	106	143	70	168	238	33	68	101
Pears	1	155	156	33	101	134	58	504	562	112	91	203
Persimmons	...	2	2	...	...	...	...	3	3	...	3	3
Pineapples	17	57	74	24	73	97	...	73	73	...	3	3
Plantains	...	43	43	...	29	29	...	98	98	...	...	...
Plums	3	73	76	31	57	88	75	129	204	38	58	96
Prunes	...	...	...	...	...	...	...	2	2	...	...	...
Pomegranates	...	5	5	...	2	2	...	5	5	...	2	2
Strawberries	...	189	189	2	192	194	...	190	190	...	281	281
Fruits, other	...	1	1	...	4	4	...	2	2	...	2	2
Total	49	3,612	3,661	352	3,582	3,934	670	3,394	4,064	458	1,593	2,051
Grand total	204	4,643	4,847	980	4,287	5,267	1,951	5,408	7,359	1,171	2,363	3,534

[1] Includes Washington. [2] Includes Newark. [3] Estimated percentages of completeness for reported truck arrivals for 1997 are as follows: Baltimore 92, Boston 84, New York 65, and Philadelphia 88. [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, 1997

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	.....	120	120	33	286	319	.....	614	614	.....	358	358
Lemons	.....	174	174	273	360	633	14	572	586	.....	298	298
Limes	.....	91	91	.....	255	255	.....	252	252	.....	226	226
Mixed citrus	.....	3	3	.....	8	8	.....	.....	.....	.....	.....	.....
Oranges	.....	437	437	438	695	1,133	.....	1,738	1,738	.....	1,342	1,342
Tangelos	.....	19	19	.....	22	22	.....	30	30	.....	31	31
Tangerines	.....	53	53	5	106	111	.....	168	168	.....	175	175
Temples	.....	6	6	.....	12	12	.....	.....	.....	.....	.....	.....
Citrus, other [3]	.....	3	3	.....	8	8	1	9	10	.....	45	45
Total	0	906	906	749	1,752	2,501	15	3,383	3,398	.....	2,475	2,475
Noncitrus:												
Apples	11	542	553	256	838	1,094	2	1,519	1,521	.....	1,329	1,329
Apricots	.....	1	1	.....	25	25	.....	17	17	.....	36	36
Avocados	.....	53	53	.....	192	192	37	263	300	.....	287	287
Bananas	.....	1,084	1,084	.....	953	953	5,049	2,247	7,296	.....	2,910	2,910
Blueberries	.....	6	6	.....	20	20	1	5	6	.....	11	11
Cherries	.....	9	9	1	32	33	1	38	39	.....	89	89
Cranberries	.....	.....	.....	.....	.....	.....	.....	2	2	.....	5	5
Grapes, table	.....	276	276	103	374	477	91	406	497	.....	540	540
Grapes, juice	.....	.....	.....	15	.....	15	.....	.....	.....	.....	.....	.....
Kiwifruit	.....	6	6	.....	10	10	5	12	17	.....	21	21
Mangoes	.....	22	22	.....	65	65	16	373	389	.....	423	423
Mixed deciduous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nectarines	.....	35	35	56	162	218	13	60	73	.....	163	163
Papaya	.....	.....	.....	.....	10	10	44	83	127	17	56	73
Peaches	.....	105	105	56	221	277	7	71	78	.....	228	228
Pears	.....	72	72	108	468	576	27	275	302	.....	312	312
Persimmons	.....	.....	.....	.....	.....	.....	.....	14	14	.....	17	17
Pineapples	.....	74	74	.....	154	154	94	5	99	139	21	160
Plaintains	.....	2	2	.....	1	1	.....	.....	.....	.....	73	73
Plums	.....	55	55	51	150	201	11	50	61	.....	113	113
Prunes	.....	.....	.....	.....	1	1	.....	2	2	.....	7	7
Pomegranates	.....	1	1	.....	4	4	.....	8	8	.....	8	8
Strawberries	.....	181	181	.....	256	256	.....	417	417	.....	228	228
Fruits, other [3]	.....	.....	.....	.....	2	2	5	24	29	.....	42	42
Total	11	2,524	2,535	646	3,938	4,584	5,403	5,891	11,294	156	6,919	7,075
Grand total	11	3,430	3,441	1,395	5,690	7,085	5,418	9,274	14,692	156	9,394	9,550

[1] Includes Oakland. [2] Estimated percentages of completeness for reported truck arrivals for 1997 are as follows: Atlanta 98, Chicago 85, Los Angeles 80, and San Francisco 88. [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, 1997

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Citrus:													
Grapefruit	3,256	3,369	3,113	2,278	1,188	427	24	24	548	2,059	1,950	2,576	20,812
Lemons	96	115	161	162	124	65	58	36	39	44	93	91	1,084
Limes	25	13	5	8	19	33	52	41	36	62	20	15	329
Mixed citrus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oranges	1,321	998	949	960	934	506	83	54	403	1,128	1,108	2,006	10,450
Tangelos	129	10	1	.....	.....	.....	.....	.....	1	12	125	334	612
Tangerines	559	227	237	133	25	.....	.....	.....	156	421	557	509	2,824
Temples	199	134	43	1	.....	.....	.....	.....	.....	.....	.....	13	390
Citrus, other [1]	.....	.....	.....	.....	.....	.....	.....	.....	1	6	2	.....	9
Total	5,585	4,866	4,509	3,542	2,290	1,031	217	155	1,184	3,732	3,855	5,544	36,510
Noncitrus:													
Apples	3,679	3,995	4,973	3,773	4,263	2,891	2,579	3,326	3,270	4,101	4,722	4,058	45,630
Apricots	.....	.....	.....	.....	239	226	92	52	1	.....	.....	.....	610
Avocados	290	304	394	323	394	313	458	458	246	244	143	147	3,714
Blueberries	.....	.....	.....	6	58	81	217	103	36	12	.....	.....	513
Cranberries	.....	.....	.....	.....	.....	.....	.....	.....	5	16	25	.....	46
Cherries	.....	.....	.....	5	560	817	637	80	.....	.....	.....	.....	2,099
Grapes, table	16	.....	.....	.....	924	1,586	2,517	3,477	2,779	1,875	1,486	837	15,497
Grapes, juice	.....	.....	.....	.....	.....	.....	.....	.....	46	22	.....	.....	68
Kiwifruit	68	55	77	20	5	1	.....	.....	.....	70	130	90	516
Mangoes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed deciduous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nectarines	.....	.....	.....	22	761	1,357	1,798	1,148	116	.....	.....	.....	5,202
Papaya	26	30	25	22	22	21	21	26	25	27	23	24	292
Peaches	.....	.....	.....	15	1,056	1,827	2,000	1,638	643	68	14	.....	7,281
Pears	672	663	604	327	343	163	422	624	919	1,537	1,567	1,209	9,050
Pineapples	152	128	205	145	177	174	190	129	127	164	134	141	1,866
Plums	.....	.....	.....	.....	273	1,258	1,795	965	556	9	.....	.....	4,856
Prunes	.....	.....	.....	.....	.....	.....	.....	31	21	1	.....	.....	53
Strawberries	284	716	1,345	1,852	1,959	1,041	940	769	481	367	146	124	10,024
Fruits, other [1]	7	.....	.....	.....	.....	.....	17	32	52	33	18	11	170
Total	5,194	5,891	7,623	6,510	11,034	11,756	13,703	12,858	9,323	8,546	8,408	6,641	107,487
Grand total	10,779	10,757	12,132	10,052	13,324	12,787	13,920	13,013	10,507	12,278	12,263	12,185	143,997

[1] Not otherwise specified.
AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 5-77.—Fruits, dried: Production (dry basis), California, 1988–97

Year	Apples	Apricots	Dates	Figs [1]	Peaches [2]	Pears [3]	Prunes	Grapes [4]	Total
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1988	2,050	2,640	22,000	18,000	2,500	1,220	151,000	366,500	565,910
1989	2,850	3,900	22,000	15,500	1,700	1,140	226,000	433,200	706,290
1990	3,200	3,050	24,000	16,000	1,500	1,270	147,000	395,500	591,520
1991	1,870	2,600	22,000	14,600	2,400	1,550	187,000	348,000	580,020
1992	2,026	2,500	21,000	15,200	2,100	1,500	184,000	391,500	619,826
1993	2,290	2,730	29,000	19,300	1,850	1,500	121,000	388,300	565,970
1994	NA	4,800	23,000	18,200	1,450	1,300	193,000	422,000	663,750
1995	NA	1,480	22,700	16,800	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	15,500	1,894	800	205,000	431,300	677,234

[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, 1995/96–1997/98

Commodity/country	1995/96	1996/97	1997/98 [1]
	Metric tons	*Metric tons*	*Metric tons*
Prunes:			
Chile	16,000	17,600	NA
France	61,280	66,700	28,500
Yugoslavia	2,750	5,700	5,000
United States	164,201	202,302	192,000
Total	244,231	292,302	NA

Commodity/country	1995/96	1996/97	1997/98 [1]
	Metric tons	*Metric tons*	*Metric tons*
Raisins:			
Australia	58,200	24,750	38,500
Chile	31,500	33,000	24,500
Greece	32,000	35,000	28,500
Mexico	20,000	16,000	18,000
South Africa	30,000	38,077	23,472
Turkey	200,000	200,000	240,000
United States	277,962	282,588	387,368
Total	649,662	629,415	760,340

[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, 1997 [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	72,286	.....	.....	46,894	119,180
Apricots	.....	.....	.....	.....	24,267
Cherries, sweet	.....	.....	7,775	16,740	24,515
Peaches	.....	.....	.....	124,220	124,220
Plums and prunes	.....	.....	.....	789 [9]	789
Purees, noncitrus [6]	.....	.....	.....	85,333 [9]	85,333
Berries:					
Blackberries	.....	.....	.....	26,272	26,272
Blueberries	67,423	.....	39,350	15,994	122,767
Boysenberries	.....	.....	.....	.....	5,288
Loganberries	.....	.....	.....	.....	[8]
Raspberries, black	.....	.....	.....	.....	1,738
Raspberries, red	.....	.....	.....	.....	25,766
Strawberries	.....	.....	.....	.....	328,150
Miscellaneous fruits and berries [7]	.....	.....	.....	.....	110,644
Total	139,709	.....	47,125	345,492	941,991

[1] Includes the commercial pack only and does not include quantities produced in frozen food locker plants. [2] Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island and Vermont. [3] Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. [4] Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. [5] Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. [6] 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, 1988–97

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Apples	117,076	123,260	125,540	149,423	115,525	93,016	91,709	113,278	114,332	119,180
Apricots	14,675	17,564	16,512	15,626	21,237	17,901	18,192	10,046	17,759	24,267
Cherries, sweet	18,482	14,010	13,695	14,555	20,095	16,037	18,480	27,032	14,945	24,515
Peaches	110,286	99,217	111,203	100,157	99,010	94,381	102,073	89,743	109,598	124,220
Plums and prunes	507	753	986	901	1,229	870	1,181	1,042	1,736	789
Purees, noncitrus	24,707	28,686	42,452	41,875	52,315	63,928	63,122	71,862	78,457	85,333
Berries:										
Blackberries	21,437	13,765	18,619	13,647	31,498	23,118	24,226	26,823	20,404	26,272
Blueberries	82,382	89,274	102,141	98,030	123,738	139,059	110,017	118,064	90,085	122,767
Boysenberries	6,706	4,936	7,278	5,619	6,917	4,437	5,105	3,459	5,288	4,983
Loganberries	1,461	720	964	1,290	1,634	89	59	(1)	(1)	(1)
Raspberries	26,509	29,284	27,971	25,813	32,145	25,479	29,900	40,109	25,118	27,504
Strawberries	274,610	238,152	305,924	330,223	268,494	365,663	369,035	371,138	330,139	328,150
Miscellaneous fruits and berries	130,908	145,070	120,609	105,626	154,957	136,813	136,526	140,140	136,526	110,644
Total	829,746	804,691	893,894	902,785	928,794	980,791	1,006,198	1,012,736	944,387	998,624

[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, 1988–97 [1]

Year	Fruits used fresh		
	Citrus fruit [2]	Noncitrus fruits [3]	Canned fruits [4]
	Per capita	Per capita	Per capita
	Pounds	*Pounds*	*Pounds*
1988	25.4	71.8	18.5
1989	23.6	72.8	18.5
1990	21.4	70.4	18.4
1991	19.1	70.6	17.1
1992	24.4	73.8	19.8
1993	26.0	73.9	18.0
1994	25.0	75.6	18.3
1995	24.1	73.7	14.9
1996	25.0	74.0	16.4
1997 [8]	26.8	76.0	18.0

Year	Canned juice [5]	Frozen fruit [6]	Dried fruits [7]
	Per capita	Per capita	Per capita
	Gallons	*Pounds*	*Pounds*
1988	8.2	3.4	3.3
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 [8]	9.1	3.3	2.7

[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, 1988/89–1997/98

Market year [1]	Beginning stocks	Marketable production [2]	Imports	Total supply	Exports	Ending stocks	Domestic consumption	
							Total	Per capita Pounds
	—Million pounds (shelled)—							
1988/89	356.8	940.6	126.7	1,424.1	456.1	404.7	563.3	2.29
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	2.43
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	214.6	1,398.7	508.4	279.7	610.6	2.35
1994/95	279.7	1,061.4	218.9	1,560.1	629.2	334.1	596.8	2.28
1995/96	334.1	770.4	204.0	1,308.4	543.8	251.9	512.8	1.94
1996/97	251.9	821.9	212.8	1,286.5	605.9	156.4	524.2	1.97
1997/98 [3]	156.4	1,211.0	242.2	1,609.6	692.9	326.9	589.8	2.19

[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, 1995/96–97/98

Commodity and country	1995/96	1996/97	1997/98 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Almonds (shelled basis):			
Greece	13.0	12.8	14.5
Italy	15.0	6.0	11.0
Morocco	7.4	5.1	11.0
Spain	45.3	60.0	75.0
Turkey	13.7	14.3	11.0
United States	167.8	231.3	343.4
Total	262.2	329.5	465.9
Hazelnuts (in-shell basis):			
Italy	85.0	95.0	77.0
Spain	14.8	6.5	18.9
Turkey	455.0	440.0	475.0
United States	35.4	16.8	42.6
Total	590.2	558.3	613.5
Walnuts:			
Chile	9.8	12.6	12.9
China	230.9	238.0	249.0
France	21.9	22.1	23.5
India	25.0	29.0	25.0
Italy	16.0	12.0	21.0
Turkey	65.0	66.0	66.0
United States	212.3	188.7	244.0
Total	580.9	568.4	641.4

[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, 1989–98 [1]

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1989	411,000	1,190	490,000	1.02	480,930
1990	411,000	1,610	660,000	.93	597,990
1991	405,000	1,210	490,000	1.19	564,179
1992	401,000	1,370	548,000	1.30	691,340
1993	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	454,000	1,150	520,000	1.80	898,200

[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): 1989—18.5, 1990—17.0; 1991—15.9; 1992—16.2; 1993—10.3. 1994—14.7; 1995—14.8; 1996—20.4; 1997—15.0; 1998—21.0.

NASS, Crops Branch, (202) 720–2127.

Table 5-85.—Almonds (shelled basis [1]): Foreign trade, United States, 1987–96

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1987	174	150,191	1992	27	114,530
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

[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, 1989–98 [1]

Year	Bearing Acreage	Yield per acre	Production	Price per ton	Value
	Acres	Tons	Tons	Dollars	*1,000 dollars*
			Oregon		
1989	27,100	0.47	12,800	817	10,458
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	983	15,138
			Washington		
1989	360	0.56	200	1,030	206
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	1,000	100
			United States		
1989	27,460	0.47	13,000	820	10,664
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	983	15,238

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

Table 5-87.—Hazelnuts (shelled basis [1]): Foreign trade, United States, 1987–96

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1987	1,797	3,281	1992	3,962	2,676
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

[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, 1989–98

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	Pounds	*1,000 pounds*	*Cents*	*1,000 dollars*
1989	18,200	2,770	50,500	89.0	44,945
1990	18,400	2,720	50,000	82.0	41,000
1991	18,200	2,720	49,500	70.0	34,650
1992	17,500	2,740	48,000	68.0	32,640
1993	18,500	2,620	48,500	68.0	32,980
1994	18,500	2,840	52,500	69.0	36,225
1995	19,300	2,640	51,000	74.0	37,740
1996	19,200	2,940	56,500	78.0	44,070
1997	19,200	3,020	58,000	75.0	43,500
1998 [1]	19,200	2,760	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, 1989–98

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*
1989 [1]	161,000	78.6	126,491	73,200	53.8	39,350	250,500	71.5	179,040
1990	143,500	128.0	184,135	41,250	90.2	37,212	205,000	121.0	247,590
1991	163,300	114.0	186,917	115,000	83.5	95,969	299,000	104.0	309,524
1992	104,800	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 [3]	125,000	134.0	167,559	30,050	77.2	23,185	155,050	123.0	190,744

[1] AZ, KS, MO, and TN added to program in 1989. 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, 1996–98

Item and State	Production			Price for crop of—		
	1996	1997	1998 [1]	1996	1997	1998 [1]
IMPROVED VARIETIES [2]	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Dollars*	*Dollars*	*Dollars*
AL	7,500	7,000	3,500	0.560	0.760	0.800
AZ	17,000	18,500	17,000	0.620	1.250	1.250
AR	800	1,200	300	1.000	0.750	1.140
CA	1,300	3,000	1,800	0.830	1.320	1.320
FL	500	600	500	0.650	1.000	1.150
GA	80,000	77,000	34,000	0.646	0.904	1.260
LA	2,000	2,000	3,000	0.900	0.900	0.950
MS	1,300	2,600	1,400	0.780	0.844	1.210
NM	22,000	45,000	30,000	0.740	0.940	1.350
NC	425	900	1,500	0.650	0.950	0.998
OK	500	3,000	1,500	0.990	0.760	1.560
SC	1,800	2,100	500	0.700	0.840	0.990
TX	30,000	40,000	30,000	0.800	0.863	1.600
US	165,125	202,900	125,000	0.689	0.933	1.340
NATIVE AND SEEDLING						
AL	4,500	6,000	2,500	0.480	0.518	0.700
AR	400	2,300	100	0.700	0.630	0.880
FL	1,400	1,200	400	0.550	0.600	0.700
GA	10,000	23,000	6,000	0.452	0.591	1.010
KS	200	4,200	50	0.980	0.670	1.250
LA	14,000	10,000	10,000	0.400	0.480	0.550
MS	1,300	1,400	400	0.570	0.583	0.930
NC	375	600	1,000	0.500	0.650	0.867
OK	1,500	32,000	4,500	0.520	0.550	0.750
SC	700	1,400	100	0.530	0.610	0.800
TX	10,000	50,000	5,000	0.500	0.477	0.950
US	44,375	132,100	30,050	0.464	0.530	0.772
ALL PECANS						
AL	12,000	13,000	6,000	0.530	0.648	0.758
AZ	17,000	18,500	17,000	0.620	1.250	1.250
AR	1,200	3,500	400	0.900	0.671	1.080
CA	1,300	3,000	1,800	0.830	1.320	1.320
FL	1,900	1,800	900	0.576	0.733	0.950
GA	90,000	100,000	40,000	0.624	0.832	1.220
KS	200	4,200	50	0.980	0.670	1.250
LA	16,000	12,000	13,000	0.463	0.550	0.642
MS	2,600	4,000	1,800	0.675	0.753	1.150
NM	22,000	45,000	30,000	0.740	0.940	1.350
NC	800	1,500	2,500	0.580	0.830	0.946
OK	2,000	35,000	6,000	0.638	0.568	0.953
SC	2,500	3,500	600	0.652	0.748	0.958
TX	40,000	90,000	35,000	0.725	0.649	1.510
US	209,500	335,000	155,050	0.641	0.774	1.230

[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, 1987–96

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1987	5,345	1,961	1992	12,864	7,067
1988	757	2,641	1993	9,192	7,616
1989	6,391	5,062	1994	13,571	6,119
1990	10,516	7,607	1995	12,782	7,917
1991	8,262	7,767	1996	10,743	9,819

[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, 1989–98

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	Pounds	*1,000 pounds*	*Dollars*	*1,000 Dollars*
1989	50,900	766	39,000	1.63	63,570
1990	53,700	2,230	120,000	1.02	122,400
1991	55,700	1,380	77,000	1.25	96,250
1992	56,500	2,600	147,000	1.03	151,410
1993	57,000	2,670	152,000	1.07	162,640
1994	57,500	2,240	129,000	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[1]	65,900	2,850	188,000	0.99	186,120

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

Table 5-93.—Walnuts (English): Bearing acreage, yield, production, price, and value, California, 1989–98

Year	Bearing Acreage[1]	Yield per acre[1]	Production	Price per ton	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1989	179,000	1.28	229,000	1,070	245,030
1990	181,000	1.25	227,000	1,040	236,080
1991	181,000	1.43	259,000	1,060	274,540
1992	178,000	1.14	203,000	1,410	286,230
1993	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[2]	193,000	1.14	220,000	NA	NA

[1] Bearing acreage and yield revised. Based upon industry recommendations, the age for walnuts to reach bearing was reduced for all varieties. [2]Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-94.—Walnuts (shelled basis[1]): Foreign trade, United States, 1987–96

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1987	158	29,161	1992	3,835	30,172
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

[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, 1995–97

Continent and country	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Costa Rica	125	94	136
Dominican Republic	42,702	45,077	36,920
Guatemala	291	5	35
Haiti	822	816	1,591
Honduras	100	0	0
Mexico	5,951	3,966	9,145
Trinidad and Tobago	1,019	841	892
Other countries	1,257	533	476
Total	52,267	51,332	49,195
South America:			
Brazil	20,422	26,849	4,154
Colombia	0	0	0
Ecuador	39,390	45,018	21,501
Peru	0	0	0
Venezuela	855	605	801
Total	60,668	72,472	26,456
Africa:			
Nigeria	7,318	3,504	2,177
Cote d'Ivoire	79,390	194,562	131,600
Ghana	32,550	20,221	4,150
Other countries	0	66	1,805
Total	119,258	218,353	139,731
Asia and Oceania:			
Indonesia	38,080	102,474	119,154
Malaysia	1,676	0	60
Papua New Guinea	10,052	7,209	3,997
Other countries	562	73	826
Total	50,370	109,756	124,037
Europe:	867	1,167	2,804
Grand total	283,430	453,079	342,224

[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 1994/95–1996–97

Continent and country	1994/95	1995/96	1996/97 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Costa Rica	203	796	790
Dominican Republic	49,607	49,905	41,117
Grenada	750	890	940
Haiti	4,582	3,348	4,070
Honduras	2,000	2,000	1,447
Jamaica	2,156	1,042	1,350
Mexico	11,975	2,886	8,881
Trinidad and Tobago	1,487	1,509	1,591
Other countries	1,553	593	664
Total	74,313	62,969	60,850
South America:			
Brazil	39,717	27,355	11,615
Colombia	1,120	960	370
Ecuador	51,231	64,013	54,238
Venezuela	7,704	7,788	8,923
Other Countries	193	538	179
Total	99,965	100,654	75,325
Africa:			
Benin	0	0	0
Cameroon	91,990	93,069	95,200
Congo	300	600	870
Equatorial Guinea	2,600	4,500	3,630
Gabon	1,018	1,022	700
Guinea	3,280	4,500	4,920
Africa—Con.			
Ghana	256,088	330,646	266,550
Cote d'Ivoire	762,956	1,037,989	928,498
Kenya	90	10	22
Liberia	20	760	580
Madagascar	2,474	1,773	2,048
Nigeria	134,451	146,754	150,000
Sao Tome and Principe	2,040	3,370	2,830
Sierra Leone	2,760	3,190	4,100
Tanzania	2,720	2,460	3,200
Togo	4,000	5,140	9,000
Uganda	650	960	1,260
Zaire	3,420	3,060	2,500
Total	1,270,860	1,639,800	1,475,910
Asia and Oceania:			
Indonesia	185,332	223,884	264,383
Malaysia	56,836	46,628	33,216
Papua New Guinea	28,910	35,423	28,210
Solomon Islands	2,667	3,950	3,000
Sri Lanka	11	20	60
Vanuatu	1,262	1,800	960
Other Countries	270	620	512
Total	275,290	312,330	330,340
Grand total	1,720,430	2,115,750	1,942,430

[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, 1995–97 [1]

Continent and country	1995	1996	1997 [2]
	1,000 bags	*1,000 bags*	*1,000 bags*
North America: [3]			
Costa Rica	388	482	608
Dominican Republic	266	255	150
El Salvador	284	401	500
Guatemala	1,637	1,748	1,921
Honduras	300	262	321
Mexico	2,887	3,734	2,935
Other countries	164	129	171
Total	5,926	7,011	6,605
South America:			
Brazil	2,302	1,852	2,331
Colombia	2,485	3,011	3,179
Ecuador	745	665	431
Peru	621	441	652
Venezuela	89	445	65
Other countries	1	3	11
Total	6,243	6,417	6,671
Africa:			
Burundi	95	3	69
Cameroon	45	49	34
Cote d'Ivoire	129	22	141
Africa—Con.			
Ethiopia	109	137	308
Kenya	60	100	104
Madagascar	0	0	30
Rwanda	4	48	15
Uganda	61	125	239
Zaire	7	0	2
Other countries	43	30	84
Total	553	514	1,026
Asia and Oceania:			
India	343	383	250
Indonesia	513	1,246	1,325
Papua, New Guinea	52	84	79
Philippines	3	0	0
Thailand	770	713	634
Vietnam	975	1,081	1,363
Other countries	29	33	78
Total	2,685	3,540	3,730
Other countries	478	465	816
Grand total	15,886	17,947	18,848

[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, 1989–90 to 1998–99

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1989–90	2,300	1.4	3,200	3.90	12,480
1990–91	2,400	1.2	2,800	2.70	7,560
1991–92	2,400	1.2	2,800	1.75	4,900
1992–93	4,000	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 [1]	6,100	1.5	9,000	3.00	27,000

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-99.—Coffee: Exports from principal producing countries, 1995–97 [1]

Continent and country of origin	1995	1996	1997 [2]
	1,000 bags	*1,000 bags*	*1,000 bags*
North America:			
Costa Rica	2,067	2,430	2,103
Dominican Republic	451	453	307
El Salvador	1,807	2,314	2,766
Guatemala	3,701	3,979	4,232
Haiti	152	158	108
Honduras	1,796	2,060	1,722
Mexico	3,626	4,633	4,508
Nicaragua	681	822	711
Total	14,614	17,108	16,690
South America:			
Brazil	14,405	15,194	16,796
Colombia	9,814	10,588	10,915
Ecuador	1,540	1,460	1,031
Peru	1,760	1,676	1,648
Venezuela	97	495	104
Total	27,724	29,551	30,620
Africa:			
Angola	41	52	50
Burundi	528	224	529
Cameroon	399	426	1,368
Central African Republic	232	98	193
Africa—Con.			
Ethiopia	1,276	1,838	1,980
Guinea	152	36	112
Cote d'Ivoire	2,494	2,751	3,997
Kenya	1,450	1,902	1,159
Madagascar	585	754	618
Rwanda	314	265	197
Tanzania	745	970	655
Togo	200	85	313
Uganda	3,079	4,655	3,498
Zaire	1,033	813	590
Zimbabwe	157	150	139
Total	12,947	15,174	15,560
Asia and Oceania:			
India	2,469	3,120	2,583
Indonesia	3,945	6,418	5,704
Papua New Guinea	1,002	1,090	1,047
Philippines	57	27	31
Thailand	1,210	873	1,066
Vietnam	3,546	3,779	6,103
Total	12,241	15,311	16,534
Grand total	67,528	77,144	79,404

[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, 1995–97

Continent and country	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	209	199	152
Total	209	199	157
Central and South America: [2]			
Argentina	25,191	26,888	28,979
Brazil	2,798	1,993	1,308
Ecuador	442	525	575
Other countries	96	147	191
Total	28,527	29,553	31,054
Europe:			
Germany	5,126	4,779	4,860
Netherlands	793	188	436
United Kingdom	521	684	861
Other countries	123	197	469
Total	6,563	5,848	6,627
Asia and Oceania:			
China	20,634	21,698	18,203
Taiwan	361	438	497
Asia and Oceania—Con.			
Hong Kong	517	306	173
India	3,227	3,615	3,838
Indonesia	9,379	12,099	8,184
Japan	180	204	236
Papua New Guinea	734	1,142	560
Sri Lanka	5,240	4,229	3,308
Other countries	869	522	872
Total	41,141	44,254	35,872
Africa:			
Kenya	2,700	4,328	3,685
Malawi	2,562	3,643	2,827
Mozambique	0	0	0
Rwanda	54	53	56
South Africa	206	477	418
Tanzania	1,070	738	437
Other countries	272	52	76
Total	6,864	9,294	7,500
Grand total	83,308	89,147	81,210

[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, 1988/89–1997/98 [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*
1988–89	132,659	667,759	89.3	596,338	474,675	121,663
1989–90	137,861	714,992	90.2	644,738	512,055	132,683
1990–91	139,922	749,151	86.5	647,915	501,967	145,948
1991–92	138,148	746,832	87.5	653,841	494,340	159,501
1992–93	141,909	776,357	86.2	669,398	521,566	147,832
1993–94	135,703	750,799	91.6	687,673	532,863	154,810
1994–95	139,617	782,340	93.5	731,173	560,127	171,046
1995–96	135,320	777,870	93.5	727,578	588,126	139,452
1996–97	136,461	776,677	94.0	730,296	605,728	124,568
1997–98	145,024	808,602	95.7	773,508	670,075	103,433

[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, 1995–96/1997–98 [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*
1995–96					
Shiitake [5]	.....	6,140	5,665	3.49	19,757
Oyster	.....	1,941	1,791	2.49	4,467
Other	.....	1,495	1,379	4.15	5,729
US [4]	188	9,576	8,835	3.39	29,953
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]	.....	6,239	5,923	3.09	18,330
Oyster	.....	1,999	1,866	1.90	3,543
Other	.....	1,277	1,168	4.18	4,886
US [4]	183	9,515	8,957	2.99	26,759

[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 1995-96: AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, KY, MD, MA, MI, MN, MS, MO, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WV, and WI. 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, KY, ME, MD, MA, MI, MN, MO, NH, NJ, NY, NC, OH, OK, OR, PA, SC, 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.

NASS, Crops Branch, (202) 720–2127.

Table 5-104.—Cut flowers: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	290,047	14.5	42,154	13,233	1.51	20,001
1989	248,661	14.6	36,223	12,541	1.42	17,748
1990	223,956	15.6	34,943	11,733	1.46	17,186
1991	197,580	16.5	32,536	11,163	1.44	16,120
1992	213,599	14.4	30,777	9,706	1.51	14,703
1993	194,876	14.0	27,207	8,974	1.35	12,107
1994	116,232	15.6	18,141	7,174	1.40	10,065
1995	112,067	15.3	17,199	9,152	1.21	11,060
1996	92,160	14.5	13,345	5,562	1.32	7,330
1997	61,338	15.7	9,602	4,721	1.49	7,042
	Standard chrysanthemums			Pompon chrysanthemums		
	1,000 Blooms	*Cents*	*1,000 dollars*	*1,000 Bunches*	*Dollars*	*1,000 dollars*
1988	44,108	32.9	14,505	30,021	1.27	38,274
1989	39,275	36.2	14,214	22,919	1.28	29,295
1990	19,003	39.8	7,559	19,327	1.31	25,296
1991	22,138	36.4	8,053	20,748	1.19	24,788
1992	19,775	39.3	7,769	15,436	1.16	17,971
1993	19,730	43.3	8,541	11,025	1.42	15,695
1994	15,303	47.9	7,325	12,106	1.35	16,345
1995	14,877	53.8	7,997	13,542	1.26	17,079
1996	15,184	55.6	8,438	12,003	1.26	15,145
1997	12,091	47.9	5,794	11,890	1.30	15,488
	Hybrid Tea roses			Sweetheart roses		
	1,000 Blooms	*Cents*	*1,000 dollars*	*1,000 Blooms*	*Cents*	*1,000 dollars*
1988	440,627	35.3	155,385	124,813	24.3	30,370
1989	481,164	35.1	169,002	106,319	25.2	26,775
1990	481,587	34.8	167,457	99,675	26.5	26,449
1991	463,890	34.0	157,551	88,748	26.1	23,199
1992	458,974	33.9	155,738	74,588	25.2	18,775
1993	429,020	33.8	144,823	78,270	25.0	19,545
1994	404,938	33.1	134,034	64,551	23.7	15,276
1995	352,154	32.5	114,594	45,350	24.5	11,133
1996	309,663	34.2	105,823	43,251	26.6	11,523
1997	324,773	32.7	106,317	38,188	25.6	9,762
	Gladioli			Other cut flowers		
	1,000 Spikes	*Cents*	*1,000 dollars*			*1,000 dollars*
1988	199,273	17.0	33,935	.....	.....	123,230
1989	175,153	19.4	34,061	.....	.....	155,213
1990	163,644	20.2	33,101	.....	.....	155,729
1991	165,510	21.1	34,941	.....	.....	174,342
1992	187,643	20.0	37,494	.....	.....	175,228
1993	165,683	20.3	33,675	.....	.....	162,318
1994	190,914	20.7	39,520	.....	.....	201,591
1995	149,132	24.2	36,110	.....	.....	208,458
1996	144,941	22.9	33,260	.....	.....	217,836
1997	148,737	22.8	33,945	.....	.....	248,677

[1] 1992-96 data not comparable with 1988-91. [2] Equivalent wholesale value of all sales.

NASS, Crops Branch, (202) 720–2127.

Table 5-105.—Cut Greens: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	83,448	0.80	67,132	.....	.....	23,629
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	73,995	0.82	60,412	.....	.....	44,818

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales.
NASS, Crops Branch, (202) 720–2127.

Table 5-106.—Potted flowering and foliage plants: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	23,143	664	1.02	2.99	25,543
1989	22,380	592	1.11	4.09	27,185
1990	21,464	539	1.12	3.80	26,145
1991	21,920	523	1.10	3.34	25,858
1992	22,625	436	1.13	3.50	27,232
1993	22,492	237	1.07	3.46	24,777
1994	23,963	721	1.06	2.77	27,423
1995	21,366	707	1.08	2.74	25,086
1996	20,683	269	1.06	3.79	23,029
1997	20,295	357	1.08	3.16	23,029
	Florist chrysanthemums				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	8,302	25,041	1.19	3.39	94,745
1989	7,740	24,663	1.17	3.51	95,617
1990	7,152	22,688	1.25	3.65	91,769
1991	7,774	22,134	1.33	3.51	88,075
1992	8,448	24,823	1.37	3.54	99,254
1993	8,995	23,129	1.37	3.60	95,564
1994	9,300	21,987	1.44	3.65	93,649
1995	10,358	21,642	1.47	3.56	92,219
1996	8,905	19,825	1.42	3.64	84,726
1997	9,164	18,411	1.42	3.79	82,821

See footnotes at end of table.

Table 5-106.—Potted flowering and foliage plants: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	...	...	...	...	...
1989	...	...	...	...	...
1990	...	...	...	...	...
1991	...	...	...	...	...
1992	...	...	...	...	...
1993	...	...	...	...	...
1994	2,035	2,441	1.89	3.80	13,122
1995	2,568	2,537	2.01	3.93	15,145
1996	3,087	2,556	2.12	4.02	16,824
1997	3,096	2,758	2.14	4.09	17,922
	Florist azaleas				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	1,131	7,208	2.21	4.95	38,190
1989	1,805	8,511	2.15	4.89	45,533
1990	3,563	10,084	1.79	4.75	54,279
1991	4,147	10,528	1.42	5.34	62,150
1992	4,149	10,544	1.45	5.23	61,115
1993	3,154	10,989	1.66	4.92	59,241
1994	6,172	9,426	1.53	4.58	52,662
1995	6,371	9,673	1.65	4.88	57,770
1996	3,251	8,567	1.77	4.45	43,843
1997	5,096	9,129	1.66	4.37	48,334
	Kalanchoes [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	...	...	...	...	...
1989	...	...	...	...	...
1990	...	...	...	...	...
1991	...	...	...	...	...
1992	...	...	...	...	...
1993	...	...	...	...	...
1994	3,031	2,192	1.34	3.24	11,170
1995	3,279	1,982	1.47	3.53	11,832
1996	3,410	2,692	1.40	3.35	13,800
1997	3,726	2,450	1.40	3.65	14,143
	Easter lilies				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	128	7,913	3.24	3.86	30,976
1989	91	8,519	3.38	3.86	33,156
1990	10	8,883	2.00	3.85	34,247
1991	10	8,451	2.20	3.91	33,066
1992	38	8,951	1.97	3.87	34,729
1993	...	8,640	...	3.96	34,180
1994	...	9,081	...	3.97	36,021
1995	37	9,193	2.97	4.00	36,925
1996	182	9,399	2.88	3.99	38,012
1997	136	9,012	2.92	4.04	36,785

See footnotes at end of table.

Table 5-106.—Potted flowering and foliage plants: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	118	776	2.36	3.94	3,339
1989	129	1,119	3.34	3.92	4,813
1990	88	1,087	2.48	3.52	4,046
1991	150	1,464	2.27	3.55	5,533
1992	60	1,318	2.18	3.81	5,153
1993	62	1,479	2.34	3.87	5,870
1994	66	1,677	2.29	3.85	6,601
1995	286	1,971	1.72	3.76	7,895
1996	.....	.....	.....	.....	.....
1997	.....	.....	.....	.....	.....
	Poinsettias				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	8,038	35,099	1.82	4.00	155,130
1989	8,871	38,810	1.81	4.00	171,347
1990	8,770	38,724	1.75	3.88	165,777
1991	10,570	38,701	1.89	3.97	173,421
1992	12,496	43,058	1.83	3.96	193,484
1993	11,349	45,155	1.90	3.94	199,464
1994	11,686	46,209	1.76	4.05	207,605
1995	12,407	45,770	1.90	4.10	211,437
1996	12,819	46,873	1.92	4.07	215,248
1997	12,799	47,074	1.89	4.21	222,395
	Other flowering [6]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	31,011	30,997	1.45	3.71	159,808
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	48,066	35,887	1.32	3.56	191,458
	Potted Orchids [5]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	.....	.....	.....	.....	.....
1995	.....	.....	.....	.....	.....
1996	5,212	3,380	4.00	7.74	46,993
1997	5,068	3,578	5.69	9.91	64,289
	Foliage				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	.....	.....	.....	.....	404,133
1989	.....	.....	.....	.....	405,364
1990	.....	.....	.....	.....	400,539
1991	.....	.....	.....	.....	376,071
1992	.....	.....	.....	.....	350,915
1993	.....	.....	.....	.....	350,581
1994	.....	.....	.....	.....	400,232
1995	.....	.....	.....	.....	413,566
1996	.....	.....	.....	.....	432,976
1997	.....	.....	.....	.....	446,230

[1] 1992-97 data not comparable with 1988-91. [2] Equivalent wholesale value of all sales except for potted foliage which is value of sales less cost of plant material purchased from other growers for growing on. [3] Estimates began in 1994. [4] Beginning in 1996, Other Lilies are no longer published separately. [5] Potted orchids reported separately for first time in 1996. Previously orchids were included in other flowering category. [6] 1994-97 data not comparable with 1988-93 which includes data for cyclamen and kalanchoes. Potted orchids were included in other flowering prior to 1996.

NASS, Crops Branch, (202) 720–3127

Table 5-107.—Flowering & foliage hanging baskets: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	.....	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....	.....
1994	3,274	6.36	20,833	3,018	5.28	15,922
1995	4,010	6.34	25,407	3,668	5.22	19,163
1996	4,691	6.43	30,142	4,004	5.22	20,891
1997	4,865	6.36	30,933	4,186	5.11	21,403
	New Guinea impatiens [3]			Petunias [3]		
	1,000 Baskets	*Dollars*	*1,000 dollars*	*1,000 Baskets*	*Dollars*	*1,000 dollars*
1988	.....	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....	.....
1994	3,264	6.06	19,777	852	5.42	4,614
1995	3,812	6.04	23,014	1,345	5.36	7,205
1996	4,210	6.32	26,604	1,664	5.40	8,984
1997	4,435	6.26	27,757	1,905	5.45	10,374
	Other flowering hanging baskets [4]			Foliage		
	1,000 Baskets	*Dollars*	*1,000 dollars*	*1,000 Baskets*	*Dollars*	*1,000 dollars*
1988	15,650	5.23	81,898	20,627	3.76	77,498
1989	19,641	5.28	103,776	22,416	3.72	83,487
1990	17,612	5.24	92,343	20,576	3.62	74,391
1991	18,893	5.34	100,930	19,336	3.70	71,496
1992	22,498	5.44	122,365	20,007	3.80	76,094
1993	25,588	5.44	139,224	17,196	3.86	66,468
1994	16,480	5.48	90,381	24,095	3.70	89,074
1995	15,857	5.64	89,420	22,725	3.76	85,403
1996	15,595	5.76	89,874	19,736	3.85	75,971
1997	16,630	5.73	95,367	19,114	3.94	75,351

[1] 1992-97 data not comparable with 1988-91. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-97 data are not comparable with 1988-93 which includes geraniums, impatiens, New Guinea impatiens, and petunias.

NASS, Crops Branch, (202) 720–2127.

Table 5-108.—Bedding plant flats: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	3,345	7.40	24,769	...	...	...
1989	2,935	8.48	24,902	...	...	...
1990	2,503	8.43	21,098	...	...	...
1991	2,595	8.91	23,131	...	...	...
1992	3,148	9.62	30,291	...	...	...
1993	3,254	9.81	31,915	...	...	...
1994	4,097	9.13	37,402	12,940	6.49	83,916
1995	3,978	9.01	35,859	15,501	6.90	107,014
1996	4,462	9.55	42,598	15,722	6.96	109,475
1997	3,665	9.54	34,963	17,086	6.97	119,016
	New Guinea Impatiens [3]			Petunias [3]		
	1,000 Flats	*Dollars*	*1,000 dollars*	*1,000 Flats*	*Dollars*	*1,000 dollars*
1988	...	...	...	...	...	...
1989	...	...	...	...	...	...
1990	...	...	...	...	...	...
1991	...	...	...	...	...	...
1992	...	...	...	...	...	...
1993	...	...	...	...	...	...
1994	890	8.85	7,873	8,841	6.82	60,252
1995	1,055	9.10	9,601	10,754	7.21	77,487
1996	877	8.98	7,873	10,761	7.10	76,359
1997	820	9.65	7,909	12,209	7.37	90,031
	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*
1988	56,671	5.79	328,088	8,929	5.96	53,209
1989	62,637	6.32	396,051	10,127	6.12	62,010
1990	53,277	6.57	350,285	7,324	6.37	46,650
1991	60,164	6.57	395,068	9,706	6.64	64,465
1992	67,941	6.73	457,588	11,218	6.98	78,224
1993	74,334	6.92	514,095	9,592	6.96	66,759
1994	58,245	7.11	414,304	9,230	6.97	64,373
1995	55,652	7.09	394,419	10,327	7.23	74,676
1996	57,654	7.20	414,932	10,666	7.46	79,578
1997	68,011	7.44	505,941	10,874	7.56	82,261

[1] 1992-97 data not comparable with 1988-91. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-97 data not comparable with 1988-93 which includes impatiens, New Guinea impatiens, and petunias. [5] Does not include vegetable transplants grown for use in commercial vegetable production.

NASS, Crops Branch, (202) 720–2127.

Table 5-109.—Potted flowering and foliar type bedding plants: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	8,567	12,664	0.88	1.89	31,394
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	12,334	34,565	0.89	1.80	73,285
	Geraniums (cuttings)				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	49,184	7,758	1.13	2.34	73,957
1989	50,182	10,249	1.17	2.36	82,743
1990	34,803	9,724	1.24	2.09	63,535
1991	35,747	9,204	1.23	2.43	66,671
1992	42,206	11,168	1.26	2.46	80,678
1993	41,584	11,265	1.29	2.62	83,038
1994	45,086	10,351	1.29	2.71	86,061
1995	49,726	15,902	1.24	2.64	103,569
1996	40,770	15,287	1.30	2.57	92,457
1997	39,552	14,452	1.39	2.65	93,233
	Geraniums (seed)				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	37,283	3,165	0.79	2.06	35,878
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	42,698	3,957	0.81	2.01	42,517
	Impatiens [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	.....	.....	.....	.....	.....
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	17,932	3,047	0.65	1.59	16,571

See footnotes at end of table.

Table 5-109.—Potted flowering and foliar type bedding plants: Sales and value for operations with $100,000+ sales, United States, 1988–97 [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*
1988	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	7,161	1,979	1.20	2.44	13,428
1995	8,452	3,072	1.24	2.45	18,003
1996	10,499	3,732	1.20	2.35	21,364
1997	11,423	4,314	1.30	2.38	25,094
	Petunias [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	.....	.....	.....	.....	.....
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	8,473	2,201	0.68	1.63	9,369
	Other flowering/foliar type [4]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	120,642	24,233	0.65	1.61	117,831
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	164,096	52,798	0.83	2.37	260,962
	Vegetable type [5]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1988	8,847	1,726	0.65	1.44	8,237
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	20,462	4,469	0.75	1.46	21,871

[1] 1992-97 data not comparable with 1988-91. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-97 data not comparable with 1988-93 which includes data for impatiens, New Guinea impatiens, and petunias. [5] Does not include vegetable transplants grown for use in commercial vegetable production.

NASS, Crops Branch, (202) 720–2127.

Table 5-110.—Floriculture: Growing area by type of cover, all operations, United States, 1996–97

State	Glass greenhouses		Fiberglass and other rigid greenhouses		Film plastic (single/multi) greenhouses	
	1996	1997	1996	1997	1996	1997
	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	327	322	700	765	6,625	6,809
AZ	.....	17	263	390	758	1,420
AR	12	12	84	26	1,894	2,003
CA	13,904	14,964	45,132	41,286	51,861	52,364
CO	468	382	7,995	8,023	2,322	2,385
CT	1,316	1,221	546	452	4,287	4,458
FL	4,374	4,446	10,439	10,388	36,225	35,302
GA	341	511	1,122	1,061	5,856	5,657
HI	2	24	2,573	2,642	1,180	1,449
IL	2,469	2,329	835	1,322	6,060	6,120
IN	1,294	1,366	650	606	4,055	4,069
IA	578	464	1,360	1,373	3,401	3,790
KS	60	73	377	355	3,003	2,998
KY	391	370	414	612	3,134	3,339
LA	276	240	486	481	2,502	2,397
MD	1,071	876	455	606	2,630	2,582
MA	2,202	2,088	1,239	999	6,006	6,207
MI	4,316	3,470	3,444	3,135	24,564	26,089
MN	769	599	1,853	1,786	6,009	5,953
MS	185	220	209	170	1,395	1,724
MO	650	567	648	689	4,032	3,973
NJ	3,237	3,519	674	910	8,987	9,052
NM	286	279	1,770	1,652	1,650	1,771
NY	4,539	4,449	1,496	1,360	13,266	11,604
NC	2,001	2,176	432	727	10,576	11,555
OH	10,132	10,766	2,213	1,655	14,049	15,156
OK	139	138	548	539	2,279	2,364
OR	1,805	1,533	2,234	2,288	7,607	7,788
PA	5,114	4,723	3,354	2,316	13,007	14,755
SC	509	549	302	263	2,038	2,192
TN	976	958	215	329	4,365	4,119
TX	1,107	1,287	4,094	3,852	19,718	19,861
UT	42	38	2,171	2,197	2,256	2,031
VA	2,342	619	373	348	4,740	5,012
WA	1,544	1,746	954	656	5,359	5,204
WI	1,508	1,693	1,093	1,146	5,979	6,075
36 States	70,286	69,034	102,747	97,405	293,675	299,627

See end of table.

Table 5-110.—Floriculture: Growing area by type of cover, all operations, United States, 1996–97—Continued

State	Shade and temporary cover		Total covered area		Open ground	
	1996	1997	1996	1997	1996	1997
	1,000 Square feet	*1,000 Square feet*	*1,000 Square feet*	*1,000 Square feet*	*Acres*	*Acres*
AL	85	64	7,737	7,960	76	73
AZ	407	694	1,428	2,521	254	368
AR	72	81	2,062	2,122	114	108
CA	19,518	19,531	130,415	128,145	8,069	7,977
CO	322	236	11,107	11,026	73	68
CT	220	231	6,369	6,362	168	162
FL	321,508	295,189	372,546	345,325	9,438	9,771
GA	677	723	7,996	7,952	98	125
HI	19,316	20,459	23,071	24,574	666	567
IL	238	214	9,602	9,985	361	441
IN	158	173	6,157	6,214	122	193
IA	116	84	5,455	5,711	69	45
KS	234	328	3,674	3,754	19	17
KY	109	84	4,048	4,405	47	43
LA	163	142	3,427	3,260	72	92
MD	63	43	4,219	4,107	189	166
MA	181	101	9,628	9,395	319	275
MI	800	590	33,124	33,284	1,797	2,421
MN	107	131	8,738	8,469	158	118
MS	102	190	1,891	2,304	76	185
MO	75	54	5,405	5,283	60	46
NJ	344	260	13,242	13,741	1,815	1,632
NM	32	63	3,738	3,765	26	40
NY	511	359	19,812	17,772	410	445
NC	877	1,072	13,886	15,530	424	475
OH	322	457	26,716	28,034	195	204
OK	142	96	3,108	3,137	32	30
OR	1,411	1,370	13,057	12,979	1,255	1,025
PA	551	359	22,026	22,153	537	524
SC	361	165	3,210	3,169	195	188
TN	146	120	5,702	5,526	83	87
TX	4,397	5,167	29,316	30,167	223	214
UT	118	130	4,587	4,396	98	60
VA	656	583	8,111	6,562	225	241
WA	172	164	8,029	7,770	1,158	1,583
WI	227	425	8,807	9,339	164	175
36 States	374,738	350,132	841,446	816,198	29,081	30,181

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

Table 5-111.—Floriculture: Total operations and expanded wholesale value, United States, 1996–97

State	Total operations		Expanded wholesale value [1]	
	1996	1997	1996	1997
	Number	*Number*	*1,000 dollars*	*1,000 dollars*
AL	175	166	56,434	57,347
AZ	23	27	22,787	30,974
AR	78	70	9,754	17,653
CA	954	943	671,070	746,432
CO	163	153	67,726	70,377
CT	252	231	49,473	51,047
FL	1,015	987	676,727	653,878
GA	204	192	55,061	53,733
HI	353	330	50,687	49,362
IL	244	250	68,572	85,319
IN	234	226	34,836	37,860
IA	191	168	39,743	40,016
KS	68	58	22,372	24,225
KY	154	146	21,462	23,819
LA	94	93	20,071	20,339
MD	114	111	30,909	32,048
MA	416	410	69,810	68,477
MI	560	555	185,253	193,230
MN	216	211	54,322	61,576
MS	67	78	10,750	10,294
MO	172	162	34,865	35,210
NJ	359	353	94,685	94,186
NM	43	38	21,208	23,825
NY	569	516	108,623	119,058
NC	252	270	95,804	108,050
OH	563	526	154,718	161,924
OK	109	110	13,106	14,353
OR	210	191	73,958	73,523
PA	798	743	131,587	142,659
SC	95	93	25,478	32,230
TN	166	151	35,184	36,183
TX	358	347	183,852	168,866
UT	93	82	26,486	25,755
VA	184	174	61,014	56,648
WA	186	174	71,452	83,843
WI	338	331	57,481	62,357
36 States	10,070	9,666	3,407,320	3,566,676

[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.

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

Table 5-112.—Floriculture Crops: Wholesale value of sales by category for operations with $100,000+ sales, United States, 1996–97

State	Total cut flowers		Total potted flowering plants		Total foliage for indoor or patio use	
	1996	1997	1996	1997	1996	1997
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	450	487	13,308	13,068	1,448	1,626
AZ	2,000	1,698	1,062	2,505	1,005	2,359
AR	25	8	2,257	3,819	225	206
CA	254,661	283,013	139,512	137,733	72,514	84,735
CO	17,268	13,516	11,531	10,828	1,378	754
CT	1,742	1,729	7,166	6,415	2,346	2,574
FL	27,285	28,380	78,164	86,450	329,580	330,403
GA	322	147	10,913	10,907	2,191	1,920
HI	13,661	12,531	12,060	12,562	13,067	13,250
IL	1,643	3,078	19,553	28,926	1,593	1,373
IN	3,818	3,881	6,179	6,133	1,350	1,480
IA	256	139	11,175	10,899	1,363	1,345
KS	16	15	6,582	6,142	1,201	1,598
KY	331	343	4,062	4,597	576	1,179
LA	155	162	3,492	3,017	2,270	2,978
MD	449	301	5,754	6,199	196	395
MA	6,030	5,878	11,765	10,493	3,310	3,577
MI	10,388	11,107	27,442	25,700	3,712	3,196
MN	6,560	6,854	11,514	12,741	1,212	1,338
MS	184	254	2,831	2,641	327	1,127
MO	518	321	9,547	9,643	2,765	2,176
NJ	12,061	9,317	25,116	25,731	5,925	5,858
NM	2,996	4,000	13,081	13,716	1,404	2,053
NY	6,837	5,944	24,234	27,649	1,636	1,486
NC	1,875	2,854	35,173	38,157	6,892	8,404
OH	4,982	4,235	33,122	33,007	9,599	9,395
OK	2	.....	2,426	2,265	965	849
OR	8,880	10,023	17,731	17,330	714	687
PA	6,613	6,397	27,798	30,136	7,052	4,322
SC	1,100	1,035	8,859	5,736	748	810
TN	623	558	11,766	12,215	1,210	1,132
TX	215	180	39,054	34,151	22,614	21,083
UT	1,865	708	7,326	10,021	2,386	1,300
VA	2,496	3,057	22,501	19,407	1,756	1,829
WA	11,478	11,745	8,804	8,744	1,512	1,935
WI	2,915	2,732	11,480	11,493	905	849
36 States	412,700	436,627	684,340	701,176	508,947	521,581

See end of table.

Table 5-112.—Floriculture Crops: Wholesale value of sales by category for operations with $100,000+ sales, United States, 1996–97—Continued

State	Total bedding/garden plants		Total cut cultivated greens		Total reported wholesale value of floriculture crops	
	1996	1997	1996	1997	1996	1997
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	37,328	38,461	30	.....	52,564	53,642
AZ	18,270	24,052	.....	.....	22,337	30,614
AR	5,006	11,514	36	36	7,549	15,583
CA	168,197	209,384	16,671	14,392	651,555	729,257
CO	33,208	41,328	6	6	63,391	66,432
CT	31,439	34,554	.....	.....	42,693	45,272
FL	127,300	105,640	96,668	85,530	658,997	636,403
GA	36,745	36,154	.....	.....	50,171	49,128
HI	2,300	2,128	164	146	41,252	40,617
IL	38,673	44,712	.....	.....	61,462	78,089
IN	15,599	19,166	.....	.....	26,946	30,660
IA	21,939	23,598	.....	.....	34,733	35,981
KS	12,953	15,105	.....	.....	20,752	22,860
KY	12,008	13,618	.....	2	16,977	19,739
LA	11,664	12,082	.....	.....	17,581	18,239
MD	21,534	22,567	6	6	27,939	29,468
MA	35,655	36,129	.....	40	56,760	56,117
MI	131,250	143,069	11	48	172,803	183,120
MN	28,796	34,988	.....	.....	48,082	55,921
MS	5,143	3,797	.....	.....	8,485	7,819
MO	16,875	17,985	.....	.....	29,705	30,125
NJ	42,462	44,540	1	100	85,565	85,546
NM	2,482	3,216	.....	.....	19,963	22,985
NY	60,294	70,306	7	23	93,008	105,408
NC	45,533	51,498	1	102	89,474	101,015
OH	92,810	102,970	.....	2	140,513	149,609
OK	6,563	7,574	.....	20	9,956	10,708
OR	37,295	36,360	3,578	4,023	68,198	68,423
PA	65,569	80,804	.....	.....	107,032	121,659
SC	12,086	21,945	.....	4	22,793	29,530
TN	16,800	17,868	.....	.....	30,399	31,773
TX	113,463	104,717	931	710	176,277	160,841
UT	12,532	11,791	37	.....	24,146	23,820
VA	29,922	28,560	34	.....	56,709	52,853
WA	44,318	56,814	.....	.....	66,112	79,238
WI	34,122	39,863	4	40	49,426	54,977
36 States	1,428,133	1,568,857	118,185	105,230	3,152,305	3,333,471

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

Table 5-113.—Fruit and orange juice: Cold storage holdings, end of month, United States, 1997 and 1998

Month	Fresh					
	Apples, regular storage		Apples, CA storage		Apples, total	
	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	473,011	606,302	3,394,662	3,122,302	3,867,673	3,728,604
February	287,607	403,315	2,589,601	2,437,311	2,877,208	2,840,626
March	135,261	178,131	2,293,612	2,099,221	2,428,873	2,277,352
April	69,254	105,524	1,676,347	1,520,112	1,745,601	1,625,636
May	33,738	47,046	1,219,382	1,065,855	1,253,120	1,112,901
June	16,223	17,384	719,986	619,738	736,209	637,122
July	15,219	15,830	280,610	306,528	295,829	322,358
August	24,102	65,277	60,890	67,383	84,992	132,660
September	1,070,519	1,303,528	1,897,798	2,153,015	2,968,317	3,456,543
October	2,146,263	2,317,691	3,554,778	4,478,605	5,701,041	6,796,296
November	1,538,792	1,656,422	3,625,909	4,257,900	5,164,701	5,914,322
December	1,009,179	1,039,507	3,413,445	3,968,949	4,422,624	5,008,456

Month	Fresh					
	Pears, Bartlett		Pears, other		Pears, total	
	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	72	6,571	152,586	266,302	152,658	272,873
February	1,751	2,834	116,738	209,550	118,489	212,384
March	287	991	82,165	124,210	82,452	125,201
April	.....	243	42,994	60,543	42,994	60,786
May	.....	4	34,353	32,443	34,353	32,447
June	6,000	.....	4,005	4,131	10,005	4,131
July	63,037	352	1,785	46	64,822	398
August	108,168	92,041	9,119	2,220	117,287	94,261
September	118,680	142,611	497,449	390,947	616,129	533,558
October	49,781	62,098	535,627	450,664	585,408	512,762
November	9,560	24,493	436,443	359,557	446,003	384,050
December	1,331	5,427	335,971	305,931	337,302	311,358

Month	Frozen							
	Apples		Apricots		Blackberries, IQF		Blackberries, pails & tubs	
	1997	1998	1997	1998	1997	1998	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*
January	80,121	71,372	6,850	11,496	11,895	12,632	2,496	2,942
February	81,391	79,249	6,288	10,398	10,505	11,316	2,495	2,727
March	92,725	79,903	5,619	9,406	8,882	10,149	2,558	1,958
April	84,763	82,911	4,168	8,321	8,014	8,631	2,250	1,459
May	86,598	80,302	4,456	7,362	7,135	6,976	2,417	1,119
June	80,088	74,190	17,237	9,386	5,941	5,426	2,449	887
July	74,766	65,242	22,367	23,058	17,854	16,274	5,919	3,238
August	61,171	52,656	24,209	19,899	20,163	17,912	5,990	3,723
September	52,140	44,762	19,857	17,302	18,361	15,626	5,568	3,973
October	52,631	51,646	16,458	15,037	15,591	14,698	4,671	3,622
November	53,174	59,488	16,228	12,806	14,859	13,446	3,775	3,413
December	63,067	66,392	12,567	11,559	13,934	12,394	3,560	2,607

Month	Frozen							
	Blackberries, barrels		Blackberries, concentrate		Blackberries, total		Blueberries	
	1997	1998	1997	1998	1997	1998	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*
January	2,608	6,193	1,094	1,472	18,093	23,239	55,782	83,353
February	2,235	5,985	1,172	1,255	16,407	21,283	47,892	74,665
March	2,071	4,463	964	1,109	14,475	17,679	39,023	64,026
April	1,805	3,613	744	1,052	12,813	14,755	32,624	60,136
May	1,606	3,180	577	968	11,735	12,243	25,661	51,593
June	1,433	2,787	527	1,031	10,350	10,131	21,968	47,537
July	11,263	9,046	1,085	1,067	36,121	29,625	38,753	70,454
August	12,190	9,125	996	1,372	39,339	32,132	94,398	102,064
September	10,035	9,035	1,425	1,737	35,389	30,371	114,948	94,197
October	8,516	6,330	1,597	1,487	30,375	26,137	102,497	88,827
November	8,226	5,905	1,514	1,773	28,374	24,537	96,928	77,259
December	7,340	5,555	1,380	1,515	26,214	22,071	87,345	67,443

See end of table.

Table 5-113.—Fruit and orange juice: Cold storage holdings, end of month, United States, 1997 and 1998—Continued

Month	Boysenberries		Cherries, Tart (RSP)		Cherries, Sweet		Grapes	
	1997	1998	1997	1998	1997	1998	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*
January	3,001	4,833	112,844	127,244	10,722	14,380	5,549	2,633
February	3,097	4,545	100,144	106,880	7,742	13,597	3,779	2,479
March	3,121	4,202	90,809	93,271	8,128	12,523	3,152	2,302
April	2,718	3,800	78,561	78,377	6,991	10,845	2,842	1,605
May	2,560	3,472	70,508	67,565	6,981	9,632	2,133	1,237
June	3,750	4,173	60,953	62,012	6,851	9,323	1,820	1,065
July	8,927	7,915	105,283	169,624	15,599	19,052	1,870	733
August	8,098	6,562	194,571	165,591	21,073	17,426	1,576	565
September	7,037	6,065	168,173	157,631	18,008	16,440	2,175	3,988
October	6,169	5,219	154,891	143,413	19,394	16,042	4,365	5,630
November	6,060	4,760	148,945	133,236	15,469	15,167	3,740	5,985
December	5,897	4,506	136,297	122,205	15,270	16,208	3,492	5,444

Month	Peaches		Raspberries, Black		Red Raspberries, IQF		Red Raspberries, pails & tubs	
	1997	1998	1997	1998	1997	1998	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*
January	42,461	60,369	1,191	566	11,592	10,543	12,371	13,405
February	37,814	52,494	1,089	755	9,643	10,149	10,818	12,050
March	33,725	43,928	1,056	351	10,205	9,132	9,180	10,181
April	29,614	37,811	910	331	9,813	7,808	8,434	8,208
May	23,021	31,422	583	206	8,873	6,938	6,735	7,139
June	19,062	21,449	1,786	610	12,569	8,402	8,421	7,651
July	39,272	21,972	2,129	2,067	19,544	15,409	22,063	16,088
August	59,679	47,888	1,381	1,318	16,987	14,158	21,454	14,233
September	102,472	86,504	1,234	1,190	17,577	12,459	18,129	12,745
October	86,858	89,623	1,103	1,020	14,501	13,409	15,948	12,057
November	82,393	89,213	873	871	12,864	12,429	16,514	12,228
December	72,317	72,867	660	756	11,146	10,958	14,931	11,031

Month	Red Raspberries, barrels		Red Raspberries, concentrate		Red Raspberries, total		Strawberries	
	1997	1998	1997	1998	1997	1998	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*
January	8,571	16,900	896	1,929	33,430	42,777	184,750	182,139
February	7,681	14,600	1,082	1,466	29,224	38,265	158,019	156,233
March	5,117	12,260	959	1,354	25,461	32,927	136,213	130,029
April	3,272	11,104	922	1,657	22,441	28,777	160,558	129,014
May	3,189	9,443	836	1,615	19,633	25,135	245,454	169,994
June	6,657	10,737	678	1,685	28,325	28,475	336,086	345,714
July	39,080	35,911	1,111	2,315	81,798	69,723	359,749	361,017
August	34,785	29,556	1,074	2,624	74,300	60,571	321,716	338,241
September	29,731	24,512	1,050	2,858	66,487	52,574	295,569	298,580
October	26,095	20,525	1,179	4,649	57,723	50,640	282,728	261,237
November	23,470	16,937	1,306	4,585	54,154	46,179	251,850	235,817
December	21,788	13,918	1,945	4,267	49,810	40,174	220,540	201,442

Month	Other fruit		Total frozen fruit		Orange juice	
	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	424,851	496,421	981,647	1,124,474	1,522,559	1,945,939
February	372,646	438,219	866,234	1,003,050	1,677,619	2,029,724
March	311,779	378,492	766,036	872,225	1,752,871	2,025,005
April	259,983	333,088	699,577	794,041	1,993,434	2,486,974
May	225,872	285,659	725,823	749,875	2,175,989	2,627,547
June	186,212	219,351	775,321	836,193	1,977,673	2,457,675
July	150,751	193,324	938,501	1,039,870	1,761,760	2,249,040
August	125,051	176,326	1,029,414	1,028,284	1,571,779	2,025,083
September	165,217	235,151	1,050,522	1,050,452	1,287,848	1,803,852
October	622,412	520,250	1,439,890	1,279,558	1,140,877	1,470,699
November	595,928	644,761	1,355,971	1,353,382	1,214,354	1,540,232
December	536,232	574,325	1,233,115	1,208,617	1,503,354	1,791,913

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 5-114.—Nuts: Cold storage holdings, end of month, United States, 1997 and 1998

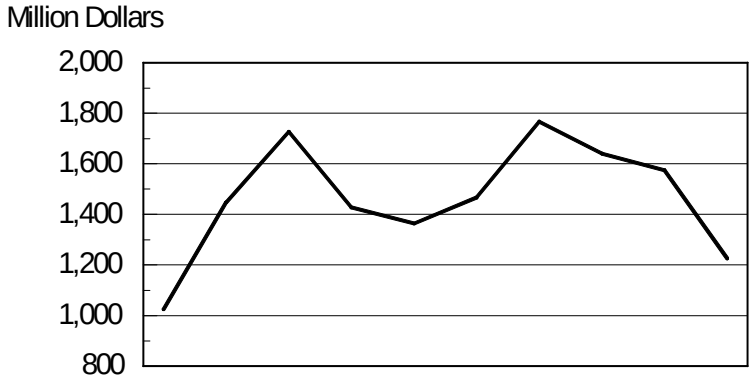
Month	Peanuts					
	Shelled		In-shell		Total	
	1997	1998	1997	1998	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	270,316	304,085	23,690	20,644	294,006	324,729
February	311,388	349,930	31,014	23,244	342,402	373,174
March	366,752	395,083	38,726	23,268	405,478	418,351
April	433,323	424,601	47,852	20,247	481,175	444,848
May	470,696	471,660	48,546	20,433	519,242	492,093
June	491,768	489,526	49,378	22,402	541,146	511,928
July	412,581	388,050	36,155	19,659	448,736	407,709
August	271,912	273,627	15,064	11,286	286,976	284,913
September ..	176,668	178,906	12,079	11,433	188,747	190,339
October	181,767	241,427	10,421	12,095	192,188	253,522
November ...	222,150	299,823	10,725	13,018	232,875	312,841
December ...	262,756	363,964	14,379	17,187	277,135	381,151

Month	Pecans					
	Shelled		In-shell		Total	
	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	38,566	28,866	101,190	168,274	139,756	197,140
February	39,800	31,973	98,450	196,378	138,250	228,351
March	39,627	38,182	87,843	177,691	127,470	215,873
April	42,406	43,195	66,904	165,381	109,310	208,576
May	42,827	44,893	52,379	136,478	95,206	181,371
June	41,924	46,054	39,723	117,529	81,647	163,583
July	39,822	44,713	21,819	93,617	61,641	138,330
August	35,282	47,257	13,104	73,567	48,386	120,824
September ..	22,862	40,548	4,600	51,046	27,462	91,594
October	16,502	29,092	9,521	29,185	26,023	58,277
November ...	14,975	21,990	34,771	45,081	49,746	67,071
December ...	17,765	20,937	80,789	90,637	98,554	111,574

Month	Other nuts					
	Shelled		In-shell		Total	
	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	96,401	121,127	7,520	7,684	103,921	128,811
February	95,788	114,440	7,193	6,974	102,981	121,414
March	96,567	126,740	30,704	4,614	127,271	131,354
April	97,751	125,221	14,616	3,965	112,367	129,186
May	88,199	124,695	29,546	3,515	117,745	128,210
June	81,596	123,135	4,860	4,213	86,456	127,348
July	65,496	119,303	4,344	4,664	69,840	123,967
August	58,407	101,793	6,558	4,196	64,965	105,989
September ..	72,249	94,254	8,766	2,509	81,015	96,763
October	75,080	92,743	13,383	11,762	88,463	104,505
November ...	88,712	100,494	10,251	9,888	98,963	110,382
December ...	97,314	98,371	7,308	7,416	104,622	17,247

NASS, Livestock and Economics Branch, (202) 720-0585.

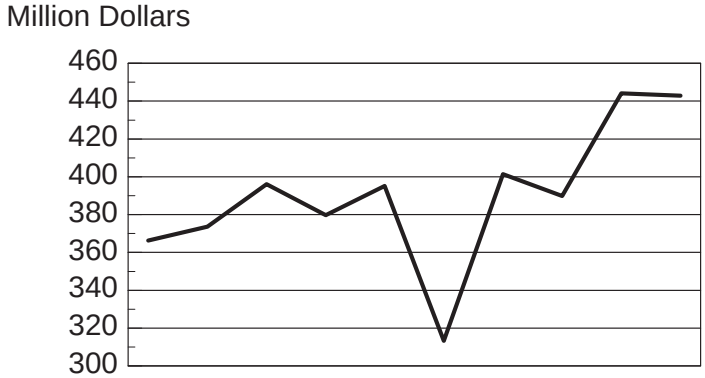
Apples: Value of Production, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Value of Prod. —	1,025	1,448	1,727	1,428	1,364	1,467	1,767	1,641	1,575	1,226

NASS Table 5-4

Peaches: Value of Production, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Value of Prod.—	366.3	373.7	396.1	379.7	395.2	313.3	401.4	389.9	444.1	442.9

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, 1989–98

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*
1989	62,722	2.31	144,706	85.40	11,144,382
1990	61,030	2.40	146,212	80.60	10,420,874
1991	61,834	2.46	152,073	71.20	9,941,020
1992	58,903	2.49	146,903	74.30	10,435,994
1993	59,679	2.46	146,699	84.70	10,956,746
1994	58,815	2.55	150,136	86.70	11,113,656
1995	59,764	2.58	154,289	82.20	11,041,844
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 [1]	60,016	2.52	151,338	87.00	11,720,420

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-2.—Hay, all: Stocks on farms, United States, 1989–98

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*
1989	100,786	26,993	1994	105,296	20,775
1990	104,701	26,974	1995	109,438	20,739
1991	111,123	28,216	1996	105,179	17,424
1992	105,290	21,102	1997	103,044	21,827
1993	100,953	22,096	1998 [2]	111,839	NA

[1] Following year. [2] Preliminary. NA-not available.
NASS, Crops Branch, (202) 720–2127.

Table 6-3.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AZ	160	190	200	8.00	8.20	8.00	1,280	1,558	1,600
AR	25	25	25	2.40	2.80	2.60	60	70	65
CA	940	950	1,020	7.00	7.20	6.50	6,580	6,840	6,630
CO	860	840	810	3.50	3.90	4.20	3,010	3,276	3,402
CT	15	12	8	2.50	2.40	2.20	38	29	18
DE	7	7	8	4.60	3.40	3.60	32	24	29
ID	1,000	1,000	1,130	4.20	4.10	4.30	4,200	4,100	4,859
IL	550	580	600	3.60	3.90	4.20	1,980	2,262	2,520
IN	425	400	400	3.20	3.80	4.10	1,360	1,520	1,640
IA	1,200	1,200	1,250	3.60	3.50	3.60	4,320	4,200	4,500
KS	800	900	1,000	4.30	4.00	4.60	3,440	3,600	4,600
KY	300	250	250	3.60	3.00	3.50	1,080	750	875
ME	10	10	13	3.00	2.00	2.50	30	20	33
MD	60	55	55	4.70	3.30	4.10	282	182	226
MA	15	17	18	2.00	2.30	1.80	30	39	32
MI	950	900	850	3.60	3.40	3.30	3,420	3,060	2,805
MN	1,475	1,475	1,550	3.10	3.30	3.60	4,573	4,868	5,580
MO	480	450	450	2.75	2.80	3.25	1,320	1,260	1,463
MT	1,700	1,650	1,700	2.10	2.40	2.20	3,570	3,960	3,740
NE	1,400	1,300	1,400	3.70	3.25	3.75	5,180	4,225	5,250
NV	250	260	260	4.50	4.20	4.60	1,125	1,092	1,196
NH	12	8	8	1.95	2.00	3.00	23	16	24
NJ	25	25	30	3.50	2.90	2.80	88	73	84
NM	250	255	270	5.10	5.20	5.10	1,275	1,326	1,377
NY	640	640	600	2.70	2.60	2.45	1,728	1,664	1,470
NC	15	20	20	2.80	3.00	2.80	42	60	56
ND	1,700	1,750	1,400	1.85	1.50	1.75	3,145	2,625	2,450
OH	700	600	550	3.00	3.60	3.50	2,100	2,160	1,925
OK	360	360	350	3.50	3.80	2.60	1,260	1,368	910
OR	460	420	400	4.40	4.70	4.80	2,024	1,974	1,920
PA	750	740	700	3.10	2.80	2.80	2,325	2,072	1,960
RI	2	2	2	2.90	2.40	3.00	6	5	6
SD	2,500	2,300	2,400	2.20	2.30	2.40	5,500	5,290	5,760
TN	40	40	35	3.40	3.30	3.40	136	132	119
TX	150	135	140	4.50	4.70	4.50	675	635	630
UT	545	545	545	4.00	4.30	4.40	2,180	2,344	2,398
VT	65	45	45	2.10	2.30	2.30	137	104	104
VA	120	120	120	3.60	2.75	2.70	432	330	324
WA	490	480	480	4.70	4.80	5.00	2,303	2,304	2,400
WV	40	55	50	2.80	3.00	3.00	112	165	150
WI	2,100	1,900	1,900	2.50	2.75	2.80	5,250	5,225	5,320
WY	620	640	600	2.40	2.70	2.60	1,488	1,728	1,560
US	24,206	23,551	23,642	3.27	3.33	3.47	79,139	78,535	82,010

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-4.—Hay, all other: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	730	770	750	2.40	2.25	2.10	1,752	1,733	1,575
AZ	19	40	40	3.50	3.70	3.50	67	148	140
AR	1,150	1,200	1,150	2.00	2.00	1.90	2,300	2,400	2,185
CA	510	560	550	2.80	2.80	2.70	1,428	1,568	1,485
CO	650	750	600	1.80	1.95	2.00	1,170	1,463	1,200
CT	65	60	55	1.90	1.80	2.00	124	108	110
DE	8	8	8	4.00	3.00	3.30	32	24	26
FL	240	250	230	2.60	2.60	2.50	624	650	575
GA	600	600	650	2.80	2.60	2.30	1,680	1,560	1,495
ID	280	300	300	2.00	2.10	2.30	560	630	690
IL	400	390	350	2.20	2.30	2.50	880	897	875
IN	300	325	350	2.20	2.50	3.00	660	813	1,050
IA	450	450	320	2.20	2.20	2.60	990	990	832
KS	1,700	1,800	1,900	2.10	1.80	1.80	3,570	3,240	3,420
KY	2,100	1,850	2,100	2.20	2.10	2.30	4,620	3,885	4,830
LA	310	395	330	2.70	2.60	2.20	837	1,027	726
ME	175	155	145	1.75	1.50	1.70	306	233	247
MD	160	145	145	2.60	2.20	2.80	416	319	406
MA	75	75	85	2.00	1.70	2.00	150	128	170
MI	350	350	400	2.20	2.00	1.90	770	700	760
MN	750	850	850	1.90	1.80	1.80	1,425	1,530	1,530
MS	800	720	790	2.50	2.50	2.20	2,000	1,800	1,738
MO	3,400	3,200	3,200	1.75	1.90	1.95	5,950	6,080	6,240
MT	900	950	800	1.50	1.60	1.60	1,350	1,520	1,280
NE	1,750	1,900	1,800	1.30	1.35	1.35	2,275	2,565	2,430
NV	230	230	225	1.70	1.80	1.60	391	414	360
NH	55	54	48	1.70	1.65	1.80	94	89	86
NJ	95	95	90	1.90	2.20	1.70	181	209	153
NM	100	90	90	2.00	1.90	1.90	200	171	171
NY	870	890	800	2.00	2.00	2.05	1,740	1,780	1,640
NC	630	630	650	2.10	2.10	2.20	1,323	1,323	1,430
ND	1,200	1,400	1,200	1.40	1.25	1.45	1,680	1,750	1,740
OH	500	650	780	2.60	2.60	2.50	1,300	1,690	1,950
OK	2,300	2,200	1,900	1.60	1.70	1.30	3,680	3,740	2,470
OR	610	615	570	2.00	2.10	2.55	1,220	1,292	1,454
PA	1,130	1,130	1,150	2.00	1.80	1.70	2,260	2,034	1,955
RI	6	6	8	2.20	1.80	2.00	13	11	16
SC	280	300	320	2.00	2.10	2.00	560	630	640
SD	1,800	1,800	1,600	1.50	1.40	1.50	2,700	2,520	2,400
TN	1,750	1,700	1,750	2.10	2.10	2.20	3,675	3,570	3,850
TX	4,200	4,300	3,900	1.70	2.40	1.60	7,140	10,320	6,240
UT	160	170	165	2.10	2.20	2.30	336	374	380
VT	185	220	200	2.00	1.90	2.00	370	418	400
VA	1,150	1,050	1,140	2.20	1.85	2.00	2,530	1,943	2,280
WA	310	300	270	2.70	2.60	2.80	837	780	756
WV	530	520	530	1.80	1.80	1.90	954	936	1,007
WI	400	470	500	2.00	2.40	2.10	800	1,128	1,050
WY	600	620	590	1.20	1.40	1.50	720	868	885
US	36,963	37,533	36,374	1.91	1.97	1.91	70,640	74,001	69,328

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-5.—Hay, all: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	730	770	750	2.40	2.25	2.10	1,752	1,733	1,575
AZ	179	230	240	7.53	7.42	7.25	1,347	1,706	1,740
AR	1,175	1,225	1,175	2.01	2.02	1.91	2,360	2,470	2,250
CA	1,450	1,510	1,570	5.52	5.57	5.17	8,008	8,408	8,115
CO	1,510	1,590	1,410	2.77	2.98	3.26	4,180	4,739	4,602
CT	80	72	63	2.03	1.90	2.03	162	137	128
DE	15	15	16	4.27	3.20	3.44	64	48	55
FL	240	250	230	2.60	2.60	2.50	624	650	575
GA	600	600	650	2.80	2.60	2.30	1,680	1,560	1,495
ID	1,280	1,300	1,430	3.72	3.64	3.88	4,760	4,730	5,549
IL	950	970	950	3.01	3.26	3.57	2,860	3,159	3,395
IN	725	725	750	2.79	3.22	3.59	2,020	2,333	2,690
IA	1,650	1,650	1,570	3.22	3.15	3.40	5,310	5,190	5,332
KS	2,500	2,700	2,900	2.80	2.53	2.77	7,010	6,840	8,020
KY	2,400	2,100	2,350	2.38	2.21	2.43	5,700	4,635	5,705
LA	310	395	330	2.70	2.60	2.20	837	1,027	726
ME	185	165	158	1.82	1.53	1.77	336	253	280
MD	220	200	200	3.17	2.51	3.16	698	501	632
MA	90	92	103	2.00	1.82	1.96	180	167	202
MI	1,300	1,250	1,250	3.22	3.01	2.85	4,190	3,760	3,565
MN	2,225	2,325	2,400	2.70	2.75	2.96	5,998	6,398	7,110
MS	800	720	790	2.50	2.50	2.20	2,000	1,800	1,738
MO	3,880	3,650	3,650	1.87	2.01	2.11	7,270	7,340	7,703
MT	2,600	2,600	2,500	1.89	2.11	2.01	4,920	5,480	5,020
NE	3,150	3,200	3,200	2.37	2.12	2.40	7,455	6,790	7,680
NV	480	490	485	3.16	3.07	3.21	1,516	1,506	1,556
NH	67	62	56	1.75	1.69	1.96	117	105	110
NJ	120	120	120	2.24	2.35	1.98	269	282	237
NM	350	345	360	4.21	4.34	4.30	1,475	1,497	1,548
NY	1,510	1,530	1,400	2.30	2.25	2.22	3,468	3,444	3,110
NC	645	650	670	2.12	2.13	2.22	1,365	1,383	1,486
ND	2,900	3,150	2,600	1.66	1.39	1.61	4,825	4,375	4,190
OH	1,200	1,250	1,330	2.83	3.08	2.91	3,400	3,850	3,875
OK	2,660	2,560	2,250	1.86	2.00	1.50	4,940	5,108	3,380
OR	1,070	1,035	970	3.03	3.16	3.48	3,244	3,266	3,374
PA	1,880	1,870	1,850	2.44	2.20	2.12	4,585	4,106	3,915
RI	8	8	10	2.38	2.00	2.20	19	16	22
SC	280	300	320	2.00	2.10	2.00	560	630	640
SD	4,300	4,100	4,000	1.91	1.90	2.04	8,200	7,810	8,160
TN	1,790	1,740	1,785	2.13	2.13	2.22	3,811	3,702	3,969
TX	4,350	4,435	4,040	1.80	2.47	1.70	7,815	10,955	6,870
UT	705	715	710	3.57	3.80	3.91	2,516	2,718	2,778
VT	250	265	245	2.03	1.97	2.06	507	522	504
VA	1,270	1,170	1,260	2.33	1.94	2.07	2,962	2,273	2,604
WA	800	780	750	3.93	3.95	4.21	3,140	3,084	3,156
WV	570	575	580	1.87	1.91	1.99	1,066	1,101	1,157
WI	2,500	2,370	2,400	2.42	2.68	2.65	6,050	6,353	6,370
WY	1,220	1,260	1,190	1.81	2.06	2.05	2,208	2,596	2,445
US	61,169	61,084	60,016	2.45	2.50	2.52	149,779	152,536	151,338

[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 1996, 1997, and 1998

State	Marketing year average price per ton, baled			Value of production		
	1996	1997	1998	1996	1997	1998
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	49.00	47.00	53.00	85,848	81,451	83,475
AZ	94.00	111.00	91.50	126,592	187,594	158,160
AR	64.00	59.00	61.00	134,300	138,560	126,245
CA	108.00	117.00	101.00	840,896	967,624	801,690
CO	98.00	101.00	94.00	402,120	485,954	440,487
CT	124.00	139.00	132.00	20,314	18,904	16,906
DE	122.00	145.00	137.00	7,872	7,056	7,420
FL	84.00	86.00	102.00	52,416	55,900	58,650
GA	62.50	59.00	68.00	105,000	92,040	101,660
ID	96.00	105.00	84.00	450,240	483,110	460,295
IL	108.00	102.00	86.50	302,280	315,588	288,820
IN	129.00	113.00	86.00	261,800	259,635	222,740
IA	106.00	109.00	86.00	538,335	543,660	445,750
KS	83.00	84.00	73.00	543,695	550,080	561,580
KY	83.00	77.00	81.50	442,350	330,660	430,850
LA	55.00	54.00	57.00	46,035	55,458	41,382
ME	86.00	114.00	113.00	29,310	29,189	32,614
MD	119.00	142.00	140.00	83,104	68,220	87,852
MA	118.00	144.00	138.00	21,180	24,049	28,080
MI	106.00	101.00	89.00	442,895	378,530	317,223
MN	81.00	88.00	67.50	526,646	570,394	452,115
MS	54.00	42.50	42.00	108,000	76,500	72,996
MO	69.50	71.00	68.50	505,195	521,420	532,986
MT	80.00	79.00	73.50	379,620	421,680	360,550
NE	66.50	76.00	51.00	470,033	485,941	377,295
NV	99.50	105.00	107.00	146,421	153,690	163,728
NH	114.00	137.00	143.00	13,399	14,331	15,822
NJ	119.00	120.00	122.00	31,873	33,711	29,301
NM	128.00	124.00	119.00	184,175	184,989	183,375
NY	87.00	94.00	89.50	301,566	326,330	278,850
NC	83.00	84.00	81.50	112,287	115,986	120,840
ND	52.00	60.00	52.50	240,068	246,750	209,090
OH	132.00	135.00	96.50	455,750	499,110	348,175
OK	93.50	78.00	84.00	371,220	332,422	238,745
OR	104.00	117.00	108.00	313,336	361,020	343,253
PA	124.00	138.00	115.00	551,175	577,558	458,125
RI	131.00	146.00	154.00	2,513	2,303	3,338
SC	82.50	85.00	85.00	46,200	53,550	54,400
SD	77.50	77.00	53.50	617,300	570,995	425,280
TN	45.00	56.00	53.00	172,169	207,036	210,154
TX	98.00	72.00	91.00	687,795	715,880	565,620
UT	72.00	84.00	78.00	173,674	223,176	210,342
VT	98.00	131.00	120.00	49,562	68,370	61,464
VA	78.00	83.00	82.50	228,415	187,854	216,876
WA	115.00	115.00	101.00	371,347	361,824	326,856
WV	58.50	55.00	51.50	61,986	63,849	60,090
WI	84.00	91.50	78.00	503,325	584,450	503,475
WY	76.50	85.00	77.50	165,360	215,444	185,400
US	95.80	100.00	87.00	12,726,992	13,249,825	11,720,420

NASS, Crops Branch, (202) 720–2127.

Table 6-7.—Hay: Area and production, by kinds, United States, 1989–98

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*
1989	25,796	36,926	62,722	77,059	67,647	144,706
1990	25,346	35,684	61,030	83,413	62,799	146,212
1991	25,414	36,420	61,834	83,319	68,754	152,073
1992	24,070	34,833	58,903	79,140	67,763	146,903
1993	24,673	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 [1]	23,642	36,374	60,016	82,010	69,328	151,338

[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, 1989–98 [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*
1989	17.5	144.7	162.2	135.2	73.7	2.20	1.83	85.40
1990	27.0	146.2	173.2	146.2	73.5	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	76.4	2.20	1.91	84.70
1994	22.1	150.1	172.2	151.4	77.9	2.21	1.94	86.70
1995	20.8	154.2	175.0	154.2	77.9	2.25	1.98	82.20
1996	20.8	149.8	170.5	152.8	76.1	2.24	2.01	95.80
1997	17.4	152.5	170.0	148.1	74.4	2.28	2.00	100.00
1998 [2]	21.8	151.3	173.2	NA	73.4	2.36	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, 1989–98

Kind of seed	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	Price per 100 pounds									
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Alfalfa, uncertified varieties	180.00	157.00	174.00	146.00	152.00	161.00	168.00	185.00	185.00	205.00
Alfalfa, certified varieties	249.00	253.00	266.00	252.00	269.00	266.00	274.00	277.00	282.00	288.00
Red clover	162.00	145.00	134.00	122.00	148.00	148.00	134.00	172.00	184.00	194.00
Ladino clover	294.00	287.00	290.00	316.00	324.00	321.00	320.00	318.00	307.00	308.00
Lespedeza, Korean	67.30	62.80	67.70	92.40	132.00	84.50	66.00	99.00	90.00	89.00
Lespedeza, Striate, Kobe	82.60	88.40	86.00	99.30	119.00	82.40	95.60	125.00	112.00	108.00
Lespedeza, Sericea	167.00	134.00	101.00	92.80	92.10	169.00	178.00	291.00	220.00	290.00
Timothy	132.00	82.10	66.40	66.30	80.60	76.00	71.00	76.00	73.00	71.20
Orchardgrass	117.00	102.00	101.00	100.00	122.00	161.00	148.00	141.00	119.00	116.00
Blue Grass, Kentucky:										
Public and common	225.00	133.00	109.00	122.00	239.00	211.00	159.00	172.00	153.00	152.00
Proprietary, including Merion	275.00	209.00	196.00	189.00	283.00	274.00	228.00	243.00	224.00	216.00
Ryegrass, annual	54.30	50.50	46.80	43.80	56.70	64.60	67.60	58.80	57.90	65.30
Tall fescue	111.00	85.10	89.00	67.80	87.00	71.50	88.10	109.00	148.00	101.00
Sudangrass	45.30	47.70	48.10	47.10	45.20	47.90	51.80	51.90	51.40	53.70
Potatoes	10.60	11.00	9.70	6.95	8.60	10.20	7.90	10.30	7.60	9.10
Peanuts	74.30	75.70	123.00	77.20	77.30	86.90	79.50	82.00	81.75	83.60
Sunflower	277.00	308.00	314.00	300.00	300.00	297.00	297.00	313.00	355.00	380.00
Cottonseed	50.10	54.30	58.20	59.70	62.70	63.50	68.20	73.00	74.90	79.30
Grain sorghums, hybrid	69.50	69.90	71.20	72.30	74.50	82.10	78.70	84.00	92.00	96.00
	Price per bushel									
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Corn, hybrid [1]	71.40	69.90	70.20	71.80	72.70	73.40	77.10	77.70	83.50	86.90
Wheat (spring)	6.71	6.05	4.72	6.06	5.98	7.37	7.12	8.10	7.30	6.85
Wheat (winter)	7.55	8.01	6.89	7.41	7.73	7.90	7.80	8.50	10.00	8.25
Oats (spring)	5.89	4.19	3.71	4.26	4.39	4.69	4.51	5.19	5.32	5.02
Rice	([2])	15.20	14.40	16.50	15.40	22.00	15.10	17.50	19.00	19.50
Barley (spring)	5.91	5.25	4.55	5.10	5.00	5.18	5.37	6.49	6.13	6.04
Soybeans for seed	14.70	12.50	12.80	12.40	12.40	13.60	13.40	14.80	16.10	17.15
Flaxseed	11.40	11.00	8.80	7.94	7.37	7.74	8.00	8.14	9.31	10.00

[1] Price per 80,000 kernels. [2] Unavailable.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 6-10.—Beans, dry edible: Area, yield, production, and value, United States, 1989–98 [1] [2]

Year	Area planted	Area harvested	Yield per harvested acre [3]	Production [3]	Marketing year average price per 100 pounds received by farmers	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1989	1,824.6	1,650.9	1,437	23,729	28.50	676,635
1990	2,177.6	2,084.4	1,553	32,379	18.50	594,167
1991	1,964.1	1,913.7	1,764	33,765	15.60	528,311
1992	1,640.6	1,529.9	1,478	22,615	19.90	512,889
1993	1,867.9	1,618.0	1,351	21,862	24.60	539,531
1994	2,011.8	1,831.2	1,581	28,950	22.50	632,461
1995	2,066.3	1,896.3	1,618	30,689	20.80	636,133
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	2,010.1	1,913.9	1,611	30,828	19.80	604,888

[1] Figures include principal producing States only. [2] Excludes beans grown for garden seed. [3] Cleaned basis.
NASS, Crops Branch, (202) 720–2127.

Table 6-11.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1996–98 [1]

Class	1996	1997	1998 [2]	Class	1996	1997	1998 [2]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*		*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Navy (pea beans)	5,984	5,524	3,897				
Great northern	2,239	2,251	2,186	Black	1,350	2,122	3,569
Small white	113	183	60	Large lima (CA)	394	718	480
Pinto	12,123	10,920	14,511	Baby lima (CA)	517	902	310
Red kidney, light	1,039	1,618	1,153	Blackeye	567	807	760
Red kidney, dark	1,074	992	855	Garbanzo	504	392	339
Pink	528	699	907	Other	572	690	754
Small red	405	892	660	Total	27,912	29,370	30,828
Cranberry	503	660	387				

[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, 1996–98 [1]

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	128.0	135.0	110.0	123.0	132.0	105.0	1,890	2,270	1,950	2,325	3,000	2,048
CO	145.0	135.0	170.0	125.0	120.0	155.0	1,800	1,900	1,850	2,250	2,280	2,868
ID	95.0	100.0	105.0	93.0	98.0	103.0	2,050	2,200	2,050	1,907	2,156	2,112
KS	28.0	22.0	20.0	24.0	20.0	19.0	1,850	1,900	2,000	444	380	380
MI	340.0	315.0	300.0	320.0	305.0	295.0	1,450	1,620	1,500	4,640	4,941	4,425
MN	160.0	175.0	190.0	155.0	165.0	175.0	1,560	1,550	1,450	2,418	2,558	2,538
MT	10.5	12.2	12.6	10.3	11.7	12.2	2,280	2,200	2,180	235	257	266
NE	205.0	190.0	195.0	195.0	180.0	188.0	1,900	2,060	1,950	3,705	3,708	3,666
NM	12.0	12.0	10.5	12.0	12.0	9.5	2,200	1,700	1,800	264	204	171
NY	30.0	44.0	31.0	29.0	43.5	30.0	1,300	1,560	1,420	377	679	426
ND	580.0	620.0	750.0	570.0	565.0	710.0	1,320	1,260	1,380	7,524	7,119	9,798
OR	9.2	9.0	8.7	8.8	8.9	8.6	1,800	2,040	1,770	158	182	152
TX	13.0	15.0	15.0	10.0	14.0	13.5	840	1,020	1,000	84	143	135
UT	5.0	5.8	6.0	0.6	5.2	5.9	1,600	800	510	10	42	30
WA	37.0	38.0	40.0	35.0	38.0	40.0	2,030	2,240	2,230	710	850	890
WI	9.3	9.8	7.3	9.0	9.5	7.2	1,800	1,800	1,600	162	171	115
WY	32.0	32.0	39.0	31.0	31.0	37.0	2,250	2,260	2,180	699	700	808
US	1,839.0	1,869.8	2,010.1	1,750.7	1,758.8	1,913.9	1,594	1,670	1,611	27,912	29,370	30,828

[1] Excludes beans grown for garden seed.
NASS, Crops Branch, (202) 720–2127.

Table 6-13.—Beans, dry edible (cleaned basis): Marketing year average price and value of production, by States, crop of 1996, 1997, and 1998 [1]

State	Marketing year average price per cwt.			Value of production		
	1996	1997	1998	1996	1997	1998
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
CA	38.50	29.40	33.10	89,513	88,200	67,789
CO	22.50	18.70	16.70	50,625	42,636	47,896
ID	24.00	20.80	17.80	45,768	44,845	37,594
KS	26.50	18.60	15.80	11,766	7,068	6,004
MI	21.70	18.90	22.50	100,688	93,385	99,563
MN	23.00	17.50	19.70	55,614	44,765	49,999
MT	24.50	19.40	16.40	5,758	4,986	4,362
NE	21.50	18.80	18.60	79,658	69,710	68,188
NM	23.50	22.40	22.40	6,204	4,570	3,830
NY	27.00	20.60	25.30	10,179	13,987	10,778
ND	20.30	16.80	16.90	152,737	119,599	165,586
OR	23.20	19.50	17.90	3,666	3,549	2,721
TX	25.00	18.00	19.40	2,100	2,574	2,619
UT	24.00	20.00	18.00	240	840	540
WA	24.40	21.70	21.50	17,324	18,445	19,135
WI	31.00	22.10	26.90	5,022	3,779	3,094
WY	22.00	19.60	18.80	15,378	13,720	15,190
US	23.50	19.30	19.80	652,240	576,658	604,888

[1] Excludes beans grown for garden seed.

NASS, Crops Branch, (202) 720–2127.

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1988–97

Year beginning September	F.o.b. California points				F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small reds	F.o.b. Michigan points:	
	Baby lima	Large lima	Blackeye	Light red kidney				Pea bean (Navy)	Black
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1988	40.16	45.81	28.28	50.42	37.64	30.48	34.06	37.65	-
1989	33.67	43.06	31.14	42.95	40.51	32.95	33.45	29.82	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	26.65	25.80	24.29	23.81	21.25	30.02	21.15	24.26
1993	34.65	41.87	42.72	33.18	33.28	33.15	29.33	23.73	27.77
1994	33.81	44.67	40.18	31.09	21.32	37.18	28.19	31.63	33.13
1995	39.60	50.00	28.75	31.20	25.78	38.38	28.95	23.90	23.22
1996	45.50	56.95	32.55	40.35	27.60	26.55	39.10	23.25	27.29
1997 [1]	27.35	39.40	30.70	30.80	26.55	27.10	28.25	20.40	32.48

[1] Preliminary.

ERS, Specialty Crops Branch, (202) 694–5253. Compiled from the Bean Market Summary, Agricultural Marketing Service, U.S. Department of Agriculture, Greeley, Colorado.

Table 6-15.—Beans, dry edible: United States exports to specified countries, 1995/96–1997/98 [1] [2]

Continent and country	1995/96	1996/97	1997/98
	Metric tons	*Metric tons*	*Metric tons*
North America, Central America & Caribbean:			
Canada	7,388	11,407	8,428
Dominican Republic	4,283	3,910	5,929
French West Indies	1,425	2,217	1,684
Mexico	74,346	89,163	141,409
Panama	606	1,227	1,057
Trinidad and Tobago	541	570	181
Regional [1] total	108,080	125,772	184,665
South America:			
Brazil	1,987	141	9,171
Colombia	862	3,153	3,682
Venezuela	2,018	3,183	5,934
Regional [1] total	5,868	9,146	22,048
Europe:			
Belgium and Luxembourg	4,551	1,123	1,689
France	15,867	9,563	9,358
Germany	1,558	1,573	2,111
Europe—Continued			
Italy	16,872	15,043	21,487
Netherlands	7,228	5,266	6,254
Spain	5,167	3,329	3,831
United Kingdom	70,037	84,110	87,777
Regional [1] total	128,205	125,804	140,684
Asia, Middle East, and Africa:			
Israel	1,146	499	396
Japan	19,472	19,368	16,754
Philippines	1,890	2,623	1,915
Algeria	9,954	2,436	3,651
Regional total	69,854	72,996	76,002
Oceania:			
Australia	360	1,199	3,883
Other countries	17,144	20,207	15,196
Grand total	329,151	353,925	438,595

[1] Marketing year beginning September. [2] Excluding seed bean exports.

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

Table 6-16.—Beans, dry edible: United States exports by class and quantity, 1988/89–1997/98

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*
1988/89	39,662	30,381	3,268	46,878	21,616	198,587	340,392
1989/90	82,814	55,558	2,168	102,563	25,945	117,103	386,151
1990/91	123,449	56,984	5,694	191,706	19,702	138,949	536,484
1991/92	97,070	29,573	4,376	104,089	44,529	116,875	396,512
1992/93	81,612	15,128	6,974	47,056	35,128	104,460	290,358
1993/94	68,350	15,503	8,968	61,997	33,365	86,743	274,926
1994/95	95,426	36,484	20,745	145,642	38,168	82,329	418,794
1995/96	86,399	28,291	19,204	82,042	32,382	80,834	329,152
1996/97	95,335	40,774	551	74,980	35,337	106,948	353,925
1997/98	107,477	50,200	1,339	95,654	68,907	150,258	473,835

[1] Marketing year beginning September. [2] Includes other colored, black, blackeye, and limas.

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

Table 6-17.—Peas, dry field: United States exports to specified countries, 1995/96–1997/98 [1 2 3]

Continent and country	1995/96	1996/97	1997/98
	Metric tons	*Metric tons*	*Metric tons*
North America/Central America & Caribbean:			
Canada	3,379	2,690	5,728
Mexico	7,891	2,389	4,226
Panama	4	33	156
Trinidad and Tobago	158	77	68
Total	14,519	7,932	16,070
South America:			
Brazil	4,328	2,781	2,750
Colombia	2,979	910	2,734
Peru	15,793	11,604	16,862
Venezuela	1,053	1,100	2,731
Total	25,318	19,143	28,392
Europe:			
Belgium and Luxembourg	41	0	0
Iceland	175	14	5
Europe—Continued			
Italy	736	223	1,275
Netherlands	24	182	51
Norway	285	195	254
Switzerland	60	141	6
United Kingdom	682	317	487
Spain	1,585	750	3,587
Total	4,530	2,367	5,956
Asia and Middle East:			
Hong Kong	758	245	317
Israel	20	0	141
Japan	2,960	3,226	2,364
Philippines	9,991	6,519	12,807
India	5,901	3,016	5,836
Total	27,077	16,974	29,284
Other countries	46,959	18,059	22,276
Grand total	118,401	64,476	101,979

[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 1996, 1997, and 1998

State	Marketing year average price per pound			Value of production		
	1996	1997	1998 [1]	1996	1997	1998 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
ID	1.49	1.41	1.52	8,338	7,733	6,885
OR	1.81	1.68	1.78	21,239	22,801	18,205
WA	1.63	1.60	1.60	93,953	89,306	71,666
Total	1.65	1.60	1.62	123,530	119,840	96,756

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

Table 6-19.—Hops: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per acre			Production		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
ID	3,997	3,870	3,909	1,400	1,417	1,159	5,596.0	5,484.1	4,529.4
OR	8,486	8,352	6,161	1,383	1,625	1,660	11,734.5	13,572.0	10,227.4
WA	31,678	31,080	26,573	1,820	1,796	1,686	57,640.0	55,816.0	44,791.0
US	44,161	43,302	36,643	1,698	1,729	1,625	74,970.5	74,872.1	59,547.8

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-20.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1989–98

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*
1989	34.5	1,717	59,326	138.0	81,582	51,700
1990	35.5	1,603	56,855	148.0	84,178	51,890
1991	39.6	1,748	69,155	168.0	115,997	54,200
1992	42.3	1,759	74,337	174.0	129,328	56,250
1993	43.1	1,767	76,144	176.0	133,965	58,060
1994	42.4	1,758	74,560	181.0	134,701	63,000
1995	43.2	1,826	78,852	171.0	135,087	55,900
1996	44.2	1,698	74,971	165.0	123,530	58,700
1997	43.3	1,729	74,872	160.0	119,840	62,000
1998 [1]	36.6	1,625	59,548	162.0	96,756	55,000

[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, 1995/96–1997/98

Item and country	Year beginning September		
	1995/96	1996/97	1997/98
Exports	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Belgium/Luxembourg	313	319	297
France	80	386	221
Germany	2,264	1,206	1,446
Ireland	164	213	282
Italy	44	12	0
Netherland	276	301	135
United Kingdom	1,098	849	974
Spain	44	107	45
Other countries	103	136	130
Total	4,386	3,529	3,530
Latin America:			
Argentina	99	237	177
Bolivia	43	49	98
Brazil	2,493	2,521	1,226
Chile	44	37	30
Colombia	401	403	655
Ecuador	87	3	75
El Salvador	22	16	1
Guatemala	43	20	1
Mexico	944	682	933
Paraguay	3	66	23
Peru	118	106	66
Uruguay	21	16	20
Venezuela	106	77	299
Other countries	29	38	40
Total	4,453	4,271	3,644
Other countries:			
Canada	1,453	1,649	1,491
Japan	483	544	409
Russia	117	153	80
Bulgaria	98	15	0
Thailand	135	45	173
Phillipines	173	166	105
Korea	188	131	88
Hong Kong	220	219	270
Australia	75	93	92
Nigeria	13	20	17
South Africa	15	0	0
Dominican Rep.	104	107	153
Taiwan	0	163	311
Total	3,074	3,305	3,189
Other countries	277	219	288
Grand total	12,190	11,324	10,651
Imports			
Argentina	0	46	0
Australia	149	155	85
Canada	107	83	92
Czech Republic	132	185	123
France	610	624	583
Germany	4,239	4,106	3,460
Poland	107	44	1
Slovenia	32	11	41
United Kingdom	274	272	240
Yugoslavia	0	0	0
China	19	0	0
New Zealand	227	254	233
Other countries	0	12	4
Total	5,896	5,792	4,862

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, 1990–99

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1990	95,816	616	58,990,357	1995	102,785	615	63,185,288
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 [1]	98,522	594	58,560,210

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-2.—All cattle and calves: Number, by classes, United States, Jan. 1, 1990–99

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*
1990	95,816	32,455	10,015	5,283	4,171	7,803	15,512	2,160	18,418
1991	96,393	32,520	9,966	5,443	4,093	8,102	15,967	2,196	18,107
1992	97,556	33,007	9,728	5,643	4,131	8,048	16,424	2,239	18,336
1993	99,176	33,365	9,658	6,092	4,176	8,550	16,940	2,278	18,118
1994	100,974	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 [2]	98,522	33,472	9,143	5,550	4,060	9,994	16,836	2,276	17,190

[1] Totals may not add due to rounding. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-3.—All cattle and calves: Number and value, by States, Jan. 1, 1998–99

State	Number		Value			
			Value per head		Total value	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,550	1,500	450	460	697,500	690,000
AK	12.0	11.5	730	740	8,760	8,510
AZ	820	810	660	640	541,200	518,400
AR	1,800	1,820	500	470	900,000	855,400
CA	4,900	5,000	740	820	3,626,000	4,100,000
CO	3,250	3,150	640	580	2,080,000	1,827,000
CT	68	64	730	850	49,640	54,400
DE	28	29	700	810	19,600	23,490
FL	1,870	1,800	510	520	953,700	936,000
GA	1,300	1,300	500	520	650,000	676,000
HI	180	173	480	490	86,400	84,770
ID	1,860	1,900	710	700	1,320,600	1,330,000
IL	1,510	1,490	610	600	921,100	894,000
IN	1,000	1,010	600	590	600,000	595,900
IA	3,700	3,650	610	610	2,257,000	2,226,500
KS	6,550	6,550	550	510	3,602,500	3,340,500
KY	2,480	2,420	500	490	1,240,000	1,185,800
LA	930	900	490	520	455,700	468,000
ME	105	100	640	760	67,200	76,000
MD	260	250	650	760	169,000	190,000
MA	62	57	730	850	45,260	48,450
MI	1,050	1,050	680	770	714,000	808,500
MN	2,500	2,500	630	670	1,575,000	1,675,000
MS	1,200	1,160	450	460	540,000	533,600
MO	4,350	4,400	560	550	2,436,000	2,420,000
MT	2,600	2,600	740	660	1,924,000	1,716,000
NE	6,750	6,650	630	570	4,252,500	3,790,500
NV	510	510	590	580	300,900	295,800
NH	44	48	730	850	32,120	40,800
NJ	59	53	770	870	45,430	46,110
NM	1,600	1,620	660	660	1,056,000	1,069,200
NY	1,480	1,460	730	860	1,080,400	1,255,600
NC	960	980	490	480	470,400	470,400
ND	1,820	1,920	720	650	1,310,400	1,248,000
OH	1,300	1,220	650	730	845,000	890,600
OK	5,400	5,200	560	510	3,024,000	2,652,000
OR	1,520	1,530	630	600	957,600	918,000
PA	1,690	1,670	700	830	1,183,000	1,386,100
RI	6.0	6.0	660	780	3,960	4,680
SC	480	480	500	500	240,000	240,000
SD	3,700	3,850	690	650	2,553,000	2,502,500
TN	2,260	2,180	480	470	1,084,800	1,024,600
TX	14,500	14,000	540	500	7,830,000	7,000,000
UT	910	890	600	590	546,000	525,100
VT	310	310	760	880	235,600	272,800
VA	1,700	1,700	520	480	884,000	816,000
WA	1,210	1,150	700	680	847,000	782,000
WV	440	440	490	480	215,600	211,200
WI	3,500	3,400	720	830	2,520,000	2,822,000
WY	1,660	1,560	720	650	1,195,200	1,014,000
US	99,744.0	98,521.5	603	594	60,193,070	58,560,210

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1998 and 1999

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	822	793	28	27	122	111	11	9	42	50
AK	3.9	4.0	0.9	0.9	1.0	1.3	0.3	0.3	0.1	0.3
AZ	220	218	130	132	38	40	26	23	26	34
AR	919	919	51	51	170	170	20	20	50	55
CA	820	800	1,400	1,440	145	145	670	710	165	175
CO	856	827	84	83	150	140	45	45	745	705
CT	7	7	30	28	2	1	13	12	1	1
DE	3	3	10	10	1.0	0.9	2.6	2.7	1.0	1.4
FL	1,010	973	160	157	145	140	40	40	25	20
GA	624	620	96	90	94	85	32	29	33	35
HI	88	86	9	9	16	16	4	4	8	5
ID	520	498	280	302	95	95	135	135	210	210
IL	440	445	130	125	60	55	65	60	210	210
IN	285	283	135	137	45	45	60	62	75	80
IA	1,005	1,000	225	220	150	140	100	120	625	620
KS	1,461	1,506	79	84	230	250	40	45	1,440	1,450
KY	1,165	1,105	145	135	160	150	55	55	95	105
LA	504	486	66	64	84	85	16	15	16	18
ME	12	8	41	43	5.0	2.7	19.0	20.0	1.0	0.3
MD	49	49	86	86	14	14	29	29	12	8
MA	7	6	27	24	2.0	1.2	10.0	13.0	1.0	0.8
MI	115	105	300	300	30	32	140	145	40	45
MN	395	385	555	545	85	90	290	290	165	170
MS	604	591	46	39	117	107	19	17	32	32
MO	2,045	2,065	175	165	290	265	75	75	250	260
MT	1,542	1,532	18	18	350	340	8	10	210	225
NE	1,940	1,938	70	72	300	300	30	30	1,500	1,520
NV	239	234	26	26	47	43	10	8	37	35
NH	4	4	20	21	1.5	1.5	8.0	10.0	0.5	0.5
NJ	13	10	19	18	4	3	6	7	1	1
NM	564	572	216	218	110	105	50	55	135	135
NY	80	78	700	702	30	20	310	310	40	40
NC	422	427	78	73	70	70	30	30	20	19
ND	906	980	54	50	160	165	20	15	210	210
OH	305	270	265	260	65	55	115	125	70	65
OK	1,959	1,858	91	92	360	320	40	30	530	480
OR	682	662	88	88	165	150	50	55	135	145
PA	165	151	625	619	45	42	275	280	45	48
RI	1.1	1.3	2.1	2.2	0.4	0.2	0.8	0.7	0.1	0.1
SC	230	231	25	24	42	42	10	10	15	13
SD	1,619	1,658	101	102	260	265	25	35	495	490
TN	1,060	1,030	110	100	180	155	50	45	70	70
TX	5,510	5,530	370	340	800	820	100	110	1,700	1,650
UT	355	335	90	95	68	72	50	43	80	70
VT	13	8	163	162	5	4	60	68	2	2
VA	695	688	125	122	113	115	60	63	70	70
WA	300	272	250	248	60	45	93	98	122	117
WV	207	207	18	18	37	35	7	5	31	29
WI	220	190	1,380	1,370	45	40	660	640	80	80
WY	874	824	6	6	195	160	1	1	184	189
US	33,885.0	33,472.3	9,199.0	9,143.1	5,763.9	5,549.8	3,985.7	4,059.7	10,050.7	9,994.4

See footnote at end of table.

Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1998 and 1999—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	70	72	55	53	400	385
AK	1.0	0.9	2.8	1.9	2.0	1.9
AZ	250	210	20	22	110	131
AR	85	85	55	55	450	465
CA	645	635	65	65	990	1,030
CO	1,060	1,040	50	50	260	260
CT	1.5	2.5	0.5	0.5	13.0	12.0
DE	4.4	3.5	0.5	0.5	5.5	7.0
FL	40	35	65	60	385	375
GA	40	50	41	41	340	350
HI	10	8	5	5	40	40
ID	360	365	40	40	220	255
IL	300	305	30	30	275	260
IN	157	160	23	23	220	220
IA	915	960	70	70	610	520
KS	2,380	2,260	80	85	840	870
KY	195	225	75	75	590	570
LA	23	25	31	32	190	175
ME	4.0	3.5	2.0	1.5	21.0	21.0
MD	17	13	5	5	48	46
MA	2.0	1.5	2.0	1.5	11.0	9.0
MI	195	195	20	18	210	210
MN	455	455	35	35	520	530
MS	58	51	44	43	280	280
MO	480	510	125	120	910	940
MT	255	255	97	100	120	120
NE	2,250	2,140	100	105	560	545
NV	49	57	14	15	88	92
NH	1.5	2.0	0.5	0.5	8.0	8.5
NJ	4	4	2	1	10	9
NM	210	205	50	50	265	280
NY	30	30	20	20	270	260
NC	49	52	31	34	260	275
ND	280	270	50	55	140	175
OH	180	155	30	30	270	260
OK	1,150	1,160	130	120	1,140	1,140
OR	150	180	40	40	210	210
PA	180	175	25	25	330	330
RI	0.5	0.5	0.2	0.1	0.8	0.9
SC	22	20	20	20	116	120
SD	670	750	80	90	450	460
TN	110	120	70	70	610	590
TX	2,790	2,550	380	380	2,850	2,620
UT	120	120	22	22	125	133
VT	3.0	2.5	4.0	3.5	60.0	60.0
VA	190	190	42	42	405	410
WA	190	185	27	26	168	159
WV	52	52	13	14	75	80
WI	315	290	30	30	770	760
WY	190	200	50	50	160	130
US	17,188.9	16,835.9	2,269.5	2,276.0	17,401.3	17,190.3

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-5.—Cattle and buffalo: Number in specified countries, 1996–98 [1]

Country	1996	1997	1998 [2]
	Thousands	*Thousands*	*Thousands*
Argentina	53,569	51,696	50,138
Australia	26,500	26,354	25,500
Belgium-Luxembourg	3,159	3,077	2,990
Brazil	149,228	146,110	144,670
Bulgaria	632	582	612
Canada	13,402	13,341	13,157
China, Peoples Republic of	132,058	140,010	147,052
Colombia	16,768	18,455	18,631
Costa Rica	1,585	1,529	1,527
Czech Republic	1,980	1,903	1,651
Denmark	2,094	2,052	2,026
Dominican Republic	1,985	1,986	1,980
Egypt	6,101	6,351	6,492
El Salvador	1,299	1,275	1,234
France	20,662	20,557	20,040
Germany	15,890	15,760	15,227
Greece	640	655	674
Guatemala	1,697	1,667	1,657
Honduras	2,182	2,125	1,945
India	296,462	299,802	303,030
Ireland	6,532	6,757	6,992
Italy	7,400	7,390	7,345
Japan	4,828	4,750	4,708
Kazakhstan, Republic of	6,868	5,410	4,406
Korea, Republic of	3,147	3,396	3,279
Mexico	28,140	26,822	25,612
Netherlands	4,557	4,366	4,292
New Zealand	9,272	9,020	9,100
Nicaragua	1,660	1,712	1,668
Philippines	4,650	4,949	5,400
Poland	7,193	6,958	7,030
Portugal	1,316	1,311	1,285
Romania	3,496	3,435	3,431
Russian Federation	39,700	35,100	31,700
South Africa, Republic of	13334	14101	14120
Spain	5,512	5,925	5,825
Sweden	1,781	1,781	1,765
Switzerland	1,749	1,675	1,607
Taiwan	165	165	165
Turkey	11,700	11,700	11,600
Ukraine	17,526	15,295	13,500
United Kingdom	11,619	11,430	11,347
United States	103,487	101,460	99,501
Uruguay	10,451	10,651	10,557
Venezuela	12,500	12,646	12,692
Total	1,066,476	1,063,492	1,059,160

[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, 1998-99, and calves born, by States, 1997 and 1998

State	Cows and heifers that have calved		Calves born	
	Jan. 1		1997	1998 [1]
	1998	1999 [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	850	820	770	740
AK	4.8	4.9	3.7	4.0
AZ	350	350	285	285
AR	970	970	830	840
CA	2,220	2,240	1,880	1,900
CO	940	910	870	850
CT	37	35	32	29
DE	13	13	9.0	9.5
FL	1,170	1,130	980	950
GA	720	710	580	590
HI	97	95	77	73
ID	800	800	760	770
IL	570	570	520	520
IN	420	420	380	380
IA	1,230	1,220	1,140	1,130
KS	1,540	1,590	1,430	1,450
KY	1,310	1,240	1,200	1,160
LA	570	550	445	430
ME	53	51	48	48
MD	135	135	114	110
MA	34	30	27	24
MI	415	405	385	365
MN	950	930	930	900
MS	650	630	570	540
MO	2,220	2,230	2,090	2,070
MT	1,560	1,550	1,510	1,500
NE	2,010	2,010	1,820	1,820
NV	265	260	220	220
NH	24	25	21	22
NJ	32	28	26	22
NM	780	790	600	620
NY	780	780	670	660
NC	500	500	440	450
ND	960	1,030	940	960
OH	570	530	510	480
OK	2,050	1,950	1,920	1,840
OR	770	750	710	690
PA	790	770	710	690
RI	3.2	3.5	3.2	2.6
SC	255	255	205	205
SD	1,720	1,760	1,700	1,700
TN	1,170	1,130	1,070	1,040
TX	5,880	5,870	5,150	5,250
UT	445	430	390	380
VT	176	170	160	158
VA	820	810	750	740
WA	550	520	500	470
WV	225	225	200	205
WI	1,600	1,560	1,510	1,460
WY	880	830	870	830
US	43,084.0	42,615.4	38,960.9	38,582.1

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-7.—Cattle and calves: Number on feed, United States, Jan. 1, 1990–99 [1]

Year	Number	Year	Number
	Thousands		*Thousands*
1990	11,626	1995	12,420
1991	12,715	1996	12,958
1992	11,942	1997	13,181
1993	12,789	1998	13,608
1994	13,024	1999 [2]	13,214

[1] Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. [2] Preliminary.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 7-8.—Cattle and calves: Total number on feed by States, 1997-99 [1]

State	1997	1998	1999
	1,000 Head	*1,000 Head*	*1,000 Head*
AL	5	4	4
AZ	233	245	206
AR	19	10	15
CA	375	400	400
CO	1,130	1,140	1,160
GA	5	5	2
ID	270	295	295
IL	265	250	240
IN	200	170	165
IA	1,000	1,000	1,020
KS	2,220	2,370	2,160
KY	20	20	15
LA	3	1	.....
MD	11	15	13
MI	200	200	200
MN	285	265	270
MS	4	3	.....
MO	95	100	105
MT	85	80	70
NE	2,220	2,300	2,240
NV	25	24	16
NJ	6	4	4
NM	137	123	118
NY	30	30	30
NC	10	10	8
ND	100	70	75
OH	200	175	180
OK	400	435	415
OR	80	60	65
PA	75	75	75
SC	6	7	6
SD	320	310	355
TN	20	20	15
TX	2,630	2,860	2,730
UT	50	40	40
VA	30	30	30
WA	163	200	200
WV	8	10	10
WI	150	155	150
WY	80	85	100
Other States [2]	16	12	12
US	13,181	13,608	13,214

[1] Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Select or better. [2] AK, CT, DE, FL, HI, ME, MA, NH, RI, and VT. Includes LA and MS for 1999.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-9.—Cattle: Average price per 100 pounds, by grades, at Omaha and South St. Paul, 1989–98

Year	Steers [1]		Heifers [2]		Omaha			South St. Paul	
	Choice	Select	Choice	Select	Cows [3]			Commercial	Cows [3]
					Commercial	Utility			Utility Boning
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*		*Dollars*	*Dollars*
1989	72.52	70.28	71.93	69.52	47.28	49.70		.....	51.31
1990	77.40	75.24	76.82	73.94	53.37	55.08		.....	54.86
1991	74.03	72.46	73.86	71.44	NA	NA		.....	52.54
1992	75.17	73.65	74.95	72.88	NA	NA		.....	50.01
1993	76.23	74.09	76.01	73.77	NA	NA		.....	50.62
1994	67.60	66.33	67.93	66.14	NA	NA		.....	45.95
1995	65.64	63.94	65.46	63.69	.....	.....		40.24	39.23
1996	74.50	61.83	64.18	61.22	.....	.....		37.69	35.22
1997	65.92	63.85	65.66	63.36	.....	.....		42.7	38.62
1998	60.07	56.17	59.23	55.17	.....	.....		40.15	37.02

[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, 1988–97

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*
1988	39,318	1,609	2,964	49,308	10,451	22,413	281
1989	38,817	1,505	2,856	46,642	10,176	21,679	241
1990	38,613	1,529	2,798	46,766	9,978	23,278	244
1991	38,583	1,540	2,707	45,921	9,545	22,533	242
1992	38,933	1,677	2,689	45,632	9,565	22,492	242
1993	39,448	1,703	2,927	46,022	9,679	22,920	226
1994	40,059	1,580	2,674	46,588	9,496	22,272	226
1995	40,211	1,636	2,746	48,432	9,589	23,149	226
1996	39,776	1,754	2,823	48,792	10,138	21,924	221
1997 [4]	38,718	1,840	2,844	49,607	10,017	23,849	218

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*
1988	39,713,866	26,636,919	36,854,804	481,719	37,336,523	66.60	89.20
1989	38,850,457	27,071,466	36,429,167	447,421	36,876,588	69.50	90.80
1990	39,201,973	29,348,237	39,191,819	449,741	39,641,560	74.60	95.60
1991	39,763,734	29,399,329	38,696,618	421,335	39,117,953	72.70	98.00
1992	40,252,994	28,632,524	37,272,292	408,169	37,680,461	71.30	89.00
1993	40,875,341	30,329,553	39,361,709	387,812	39,749,521	72.60	91.20
1994	42,095,787	26,861,431	36,394,806	349,588	36,744,394	66.70	87.20
1995	42,713,767	24,830,132	34,004,481	305,223	34,309,704	61.80	73.10
1996	41,328,808	22,276,583	31,103,293	273,222	31,376,515	58.70	58.40
1997 [4]	41,060,249	24,892,648	36,094,571	319,746	36,414,317	63.10	78.90

[1] Calves born during the year. [2] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [3] Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter. [4] Preliminary. [5] Adjustments made for changes in inventory and for inshipments. [6] Receipts from marketings and sale of farm slaughter. [7] Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-11.—Cattle: Weighted average weight and price per 100 pounds, Texas-Oklahoma, Kansas, Colorado, Nebraska, Iowa-So. Minnesota Feedlots, 1992–98 [1]

Year	Steers SE/CH 65-80%			Steers SE/CH 35-65%		
	Price	Average Weight	Number of Head	Price	Average Weight	Number of Head
	Dollars	*Pounds*		*Dollars*	*Pounds*	
1992	75.24	1,214	907,791	75.49	1,170	3,194,147
1993	75.94	1,219	647,665	76.91	1,167	3,527,262
1994	68.56	1,256	595,950	69.56	1,200	3,428,943
1995	66.47	1,249	560,746	66.29	1,188	3,877,665
1996	64.76	1,249	473,484	64.82	1,200	3,711,625
1997	66.07	1,258	468,729	66.03	1,192	3,621,244
1998	61.05	1,282	408,859	61.79	1,211	3,135,109

Year	Heifers SE/CH 65-80%			Heifers SE/CH 35-65%		
	Price	Average Weight	Number of Head	Price	Average Weight	Number of Head
	Dollars	*Pounds*		*Dollars*	*Pounds*	
1992	75.18	1,105	663,550	.....	.....	.....
1993	75.48	1,111	480,541	.....	.....	.....
1994	68.95	1,140	427,944	.....	.....	.....
1995	65.91	1,133	439,383	.....	.....	.....
1996	64.85	1,135	407,843	.....	.....	.....
1997	66.49	1,132	405,819	65.92	1,084	2,674,322
1998	61.31	1,175	278,275	61.83	1,102	2,369,994

[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, 1989–98 [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*
1989	80	.....	.....	93	283	4,743	5,622
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
	Calves						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	.....	.....	.....	.....	12	52	53
1990	.....	.....	.....	.....	9	15	24
1991	.....	.....	.....	.....	7	16	23
1992	.....	.....	.....	.....	6	15	21
1993	.....	.....	.....	.....	48	15	63
1994	.....	.....	.....	.....	36	12	48
1995	.....	.....	.....	.....	4	89	92
1996	.....	.....	.....	.....	4	90	93
1997	.....	.....	.....	.....	3	92	96
1998	.....	.....	.....	.....	3	89	92

[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, 1989–98

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*
1989	33,010	907	33,917	189	34,106	2,100	73	2,172	51	2,223
1990	32,391	852	33,242	197	33,439	1,742	48	1,790	48	1,838
1991	31,887	803	32,690	195	32,885	1,398	38	1,436	47	1,483
1992	32,094	780	32,874	195	33,069	1,334	37	1,371	49	1,420
1993	32,593	731	33,324	180	33,504	1,159	35	1,195	47	1,242
1994	33,482	714	34,196	180	34,376	1,237	31	1,268	47	1,315
1995	34,879	760	35,639	178	35,817	1,393	38	1,430	47	1,477
1996	35,721	862	36,583	177	36,760	1,714	55	1,768	47	1,815
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

[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, 1997 [1] [2]

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*	*Thousands*	*1,000 pounds*	*Pounds*
AL	208.6	221,760	1,063	...	...	...
AZ	471.3	523,946	1,112	...	...	...
AR	30.6	28,762	939	1.0	394	389
CA	1,030.1	1,278,963	1,242	199.9	67,469	338
CO	2,594.7	3,089,754	1,191	...	...	...
DE-MD	38.4	46,563	1,213	7.6	3,223	424
FL	...	...	...	...	...	...
GA	...	...	...	4.2	589	139
HI	19.2	19,208	1,001	...	...	...
ID	742.4	903,760	1,217	34.8	15,569	447
IL	1,033.8	1,215,889	1,176	122.2	50,055	410
IN	47.4	48,571	1,024	...	...	...
IA	1,049.2	1,258,655	1,200	...	...	...
KS	7,368.6	8,547,366	1,160	...	...	...
KY	53.8	53,765	999	1.3	539	402
LA	29.8	23,532	790	24.1	11,086	459
MI	491.2	592,356	1,206	72.1	16,743	232
MN	1,121.3	1,406,746	1,255	...	...	...
MS	...	...	...	2.2	905	420
MO	110.0	121,345	1,103	2.1	741	350
MT	17.9	20,198	1,126	...	...	...
NE	7,408.1	8,924,557	1,205	...	...	...
NV	1.3	1,316	1,040	...	...	...
N ENG [3]	34.7	36,755	1,060	63.9	12,294	193
NJ	24.5	27,878	1,137	102.4	42,447	415
NM	24.4	23,048	946	...	...	...
NY	93.7	101,987	1,088	245.0	54,065	221
NC	187.7	194,229	1,035	...	...	...
ND	...	...	...	...	...	...
OH	159.8	180,303	1,129	48.2	21,228	441
OK	45.7	42,810	937	1.4	632	443
OR	17.8	23,137	1,298	...	...	...
PA	972.7	1,205,846	1,240	194.7	72,404	372
SC	...	...	...	...	...	...
SD	260.7	318,452	1,222	...	...	...
TN	62.0	59,534	961	...	...	...
TX	6,615.0	7,351,509	1,111	38.0	16,558	435
UT	...	...	...	...	...	...
VA	26.1	24,628	945	1.6	446	279
WA	933.0	1,141,400	1,223	...	...	...
WV	16.7	14,180	851	...	...	...
WI	1,642.7	2,005,950	1,221	196.0	78,621	401
WY	6.4	7,177	1,123	...	...	...
US	36,317.9	42,604,995	1,173	1,575.0	532,459	338

[1] Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding. [2] States with no data printed are included in the U.S. total but data are not printed to avoid disclosing individual operations. [3] CT, ME, MA, NH, RI, and VT.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-15.—Cattle and calves: Number slaughtered under Federal inspection, and average live weight, 1989–98

Year	Cattle		Calves	
	Number slaughtered	Average live weight	Number slaughtered	Average live weight
	Thousands	*Pounds*	*Thousands*	*Pounds*
1989	33,010	1,138	2,100	259
1990	32,391	1,140	1,742	280
1991	31,887	1,167	1,398	345
1992	32,094	1,172	1,334	376
1993	32,593	1,164	1,159	387
1994	33,482	1,193	1,237	383
1995	34,879	1,187	1,393	371
1996	35,721	1,173	1,714	340
1997	35,567	1,177	1,534	335
1998	34,787	1,207	1,422	282

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-16.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1998[1] [2]

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*	*Thousands*	*1,000 pounds*	*Pounds*
AL	228.6	276,460	1,209	...	...	...
AZ	463.0	528,512	1,141	...	...	...
AR	20.7	18,430	889	1.0	422	425
CA	1,019.1	1,267,733	1,244	190.7	27,758	146
CO	2,417.2	2,940,725	1,217	...	...	...
DE-MD	36.3	44,608	1,230	3.8	1,566	410
FL	50.7	50,347	992	...	...	...
GA	359.1	406,008	1,131	...	...	...
HI	18.2	17,964	989	...	...	...
ID	743.2	917,158	1,234	2.1	1,059	510
IL	1,019.0	1,234,559	1,212	123.8	52,111	421
IN	43.3	45,675	1,054	...	...	...
IA	932.2	1,124,933	1,207	...	...	...
KS	7,540.8	8,950,395	1,187	...	...	...
KY	49.8	50,975	1,024	0.9	358	420
LA	25.5	20,875	819	20.5	9,764	477
MI	394.7	524,111	1,328	56.3	15,824	281
MN	685.3	900,628	1,314	...	...	...
MS	...	...	...	1.6	709	438
MO	75.9	91,102	1,200	2.1	754	351
MT	21.9	24,745	1,128	...	...	...
NE	7,300.4	9,051,896	1,240	...	...	...
NV	1.0	1,028	1,057	...	...	...
N ENG[3]	27.5	29,379	1,068	52.4	6,484	124
NJ	24.4	26,592	1,091	129.7	50,184	387
NM	20.6	19,844	962	...	...	...
NY	86.6	96,746	1,117	200.5	17,689	88
NC	162.0	169,070	1,044	...	...	...
ND	...	...	...	...	...	...
OH	150.3	170,453	1,134	51.5	22,658	440
OK	34.7	32,778	944	1.1	484	430
OR	15.0	18,918	1,261	...	...	...
PA	958.9	1,212,068	1,264	193.4	61,347	317
SC	...	...	...	...	...	...
SD	249.3	327,221	1,313	...	...	...
TN	...	...	...	...	...	...
TX	6,767.0	7,730,824	1,142	43.0	18,349	427
UT	...	...	...	...	...	...
VA	19.3	18,331	951	1.0	266	261
WA	924.9	1,152,506	1,246	...	...	...
WV	14.3	12,695	889	...	...	...
WI	1,649.7	2,069,230	1,254	210.7	78,601	373
WY	6.4	7,316	1,137	...	...	...
US	35,465.0	42,671,894	1,203	1,457.8	416,048	285

[1] Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding. [2] States with no data printed are included in the U.S. total but data are not printed to avoid disclosing individual operations. [3] CT, ME, MA, NH, RI, and VT.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-17.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1997 (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	576.0	199.0	8.0	2.0	531,884	321,056	353,046	2,493	355,539
AK	1.5	0.1	0.3	0.8	2,884	1,760	1,041	474	1,515
AZ	591.0	139.0	527.0	2.0	458,426	285,575	434,572	2,413	436,985
AR	790.0	211.0	150.0	5.0	537,937	297,771	389,194	4,335	393,529
CA	2,100.0	212.0	785.0	18.0	1,997,350	953,090	1,322,892	8,287	1,331,179
CO	2,858.0	120.0	2,190.0	2.0	2,043,380	1,300,826	2,286,082	6,833	2,292,915
CT	20.0	18.0	6.0	1.0	21,620	10,456	12,161	1,035	13,196
DE	8.0	2.4	6.0	1.0	7,929	4,880	5,239	1,249	6,488
FL	241.0	781.0	30.0	2.0	420,740	279,561	312,828	1,391	314,219
GA	432.0	389.0	186.0	3.0	506,765	260,887	348,877	3,233	352,110
HI	24.0	34.0	0.0	1.0	38,890	15,370	14,323	716	15,039
ID	932.0	125.0	435.0	2.0	897,600	519,147	656,262	5,623	661,885
IL	622.0	116.0	240.0	7.0	629,856	423,832	512,632	11,958	524,590
IN	379.0	132.0	104.0	4.0	334,105	191,074	245,191	9,218	254,409
IA	2,193.0	92.0	1,220.0	5.0	1,831,460	1,055,114	1,652,316	9,892	1,662,208
KS	5,742.0	2.0	4,500.0	6.0	3,627,040	2,207,152	4,353,918	11,286	4,365,204
KY	1,026.0	584.0	415.0	10.0	736,568	443,265	649,698	12,720	662,418
LA	160.0	272.0	2.0	2.0	250,791	154,704	152,685	1,409	154,094
ME	31.0	27.0	6.0	1.0	30,319	14,775	18,707	1,781	20,488
MD	75.0	39.0	6.0	2.0	104,280	62,501	62,811	3,207	66,018
MA	11.0	16.0	1.0	1.0	15,764	7,325	6,702	980	7,682
MI	343.0	52.0	70.0	5.0	374,201	190,956	218,231	7,913	226,144
MN	1,254.0	138.0	425.0	8.0	1,183,074	701,381	972,970	14,460	987,430
MS	327.0	280.0	17.0	2.0	338,774	180,441	195,608	4,615	200,223
MO	1,033.0	1,020.0	40.0	7.0	1,135,785	799,410	901,131	19,457	920,588
MT	1,440.0	270.0	232.0	5.0	1,084,080	716,182	856,678	7,982	864,660
NE	5,432.0	86.0	4,000.0	2.0	4,000,778	2,409,189	4,385,044	8,044	4,393,088
NV	146.0	101.0	38.0	2.0	153,385	97,911	112,287	1,434	113,721
NH	10.0	10.0	1.0	1.0	10,938	4,969	6,365	507	6,872
NJ	11.5	13.1	1.0	0.4	16,431	7,101	7,714	405	8,119
NM	1,295.0	232.0	970.0	3.0	737,500	403,626	783,820	3,776	787,596
NY	180.0	416.0	23.0	2.0	266,987	94,742	108,957	3,310	112,267
NC	285.0	269.0	10.0	2.0	326,080	185,484	218,516	8,598	227,114
ND	551.0	471.0	80.0	3.0	415,296	278,640	406,785	4,599	411,384
OH	392.0	130.0	36.0	6.0	457,106	279,867	286,152	17,625	303,777
OK	2,980.0	325.0	1,650.0	10.0	1,974,320	1,363,466	2,008,632	14,178	2,022,810
OR	405.0	215.0	30.0	14.0	554,900	340,883	361,555	10,772	372,327
PA	467.0	280.0	90.0	10.0	565,855	317,911	357,286	14,627	371,913
RI	1.8	1.9	0.3	0.1	1,793	815	1,115	50	1,165
SC	165.0	36.0	4.0	3.0	178,350	99,392	100,756	4,293	105,049
SD	1,612.0	450.0	495.0	3.0	1,255,949	838,012	1,187,801	8,540	1,196,341
TN	726.0	412.0	75.0	2.0	602,878	355,539	412,981	3,842	416,823
TX	8,070.0	95.0	3,810.0	15.0	6,963,639	4,340,827	5,849,076	13,580	5,862,656
UT	385.0	98.0	95.0	4.0	375,990	249,287	319,899	6,084	325,983
VT	58.0	94.0	14.0	1.0	79,978	34,533	35,415	996	36,411
VA	586.0	185.0	8.0	5.0	526,065	316,160	344,844	9,611	354,455
WA	768.0	41.0	388.0	11.0	719,992	465,617	631,814	6,667	638,481
WV	140.0	91.0	29.0	4.0	112,449	55,795	71,951	3,542	75,493
WI	891.0	555.0	110.0	9.0	1,041,179	535,843	614,051	14,150	628,201
WY	840.0	139.0	290.0	1.0	580,909	418,548	545,960	5,556	551,516
US	49,606.8	10,016.5	23,848.6	218.3	41,060,249	24,892,648	36,094,571	319,746	36,414,317

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughter for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Includes receipts from marketings and sales of farm-slaughter. [5] Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-18.—Cattle: Number slaughtered under Federal inspection and percentage distribution, by classes, 1989–98

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*
1989 ..	16,094	10,128	2,889	3,257	6,146	642	48.7	30.7	8.8	9.9	18.7	1.9
1990 ..	16,160	9,832	2,671	3,094	5,765	633	49.9	30.4	8.2	9.6	17.8	1.9
1991 ..	16,316	9,484	2,840	2,645	5,485	602	51.2	29.7	8.9	8.3	17.2	1.9
1992 ..	16,730	9,020	2,892	2,813	5,705	639	52.1	28.1	9.0	8.8	17.8	2.0
1993 ..	16,840	9,152	2,995	2,959	5,954	648	51.7	28.1	9.2	9.1	18.3	2.0
1994 ..	17,651	9,389	2,858	2,955	5,813	629	52.7	28.0	8.5	8.8	17.3	1.9
1995 ..	17,887	10,175	2,862	3,281	6,143	674	51.3	29.2	8.2	9.4	17.6	1.9
1996 ..	17,400	10,502	3,037	4,068	7,105	715	48.7	29.4	8.5	11.4	19.9	2.0
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

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-19.—Cattle and calves: Number of operations, 1996–97, and inventory, Jan 1, 1998–99, by States and United States [1]

State	Operations with cattle		January 1 cattle inventory	
	1997	1998	1998	1999
	Number		*1,000 head*	
AL	30,000	30,000	1,550	1,500
AK	120	120	12.0	11.5
AZ	3,300	3,200	820	810
AR	31,000	31,000	1,800	1,820
CA	24,000	23,000	4,900	5,000
CO	14,700	15,500	3,250	3,150
CT	1,200	1,200	68	64
DE	450	450	28	29
FL	22,000	22,000	1,870	1,800
GA	24,000	23,000	1,300	1,300
HI	830	830	180	173
ID	12,000	12,000	1,860	1,900
IL	26,000	26,000	1,510	1,490
IN	25,000	24,000	1,000	1,010
IA	41,000	39,000	3,700	3,650
KS	37,000	37,000	6,550	6,550
KY	52,000	50,000	2,480	2,420
LA	16,500	15,500	930	900
ME	2,200	2,000	105	100
MD	5,100	4,500	260	250
MA	1,400	1,400	62	57
MI	17,500	16,000	1,050	1,050
MN	33,000	31,000	2,500	2,500
MS	27,000	26,000	1,200	1,160
MO	71,000	69,000	4,350	4,400
MT	13,600	14,000	2,600	2,600
NE	28,000	29,000	6,750	6,650
NV	1,700	1,700	510	510
NH	950	950	44	48
NJ	1,800	1,800	59	53
NM	8,600	8,700	1,600	1,620
NY	18,000	17,500	1,480	1,460
NC	33,000	30,000	960	980
ND	14,000	14,300	1,820	1,920
OH	30,000	30,000	1,300	1,220
OK	64,000	62,000	5,400	5,200
OR	18,100	17,200	1,520	1,530
PA	29,000	28,000	1,690	1,670
RI	200	200	6.0	6.0
SC	11,500	11,000	480	480
SD	20,000	21,000	3,700	3,850
TN	57,000	55,000	2,260	2,180
TX	149,000	147,000	14,500	14,000
UT	7,800	8,000	910	890
VT	3,200	3,200	310	310
VA	32,000	29,000	1,700	1,700
WA	20,000	17,000	1,210	1,150
WV	15,000	14,000	440	440
WI	47,000	45,000	3,500	3,400
WY	6,300	6,400	1,660	1,560
US	1,148,050	1,115,650	99,744.0	98,521.5

[1] An operation is any place having one or more head of cattle on hand at any time during the year.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-20.—Cattle and calves: Average dressed weight under Federal inspection, 1989–98

Year	Cattle					Calves
	All cattle	Steers	Heifers	Cows	Bulls	
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1989	683	741	669	539	857	158
1990	686	741	672	539	845	177
1991	703	757	687	551	871	209
1992	705	760	691	548	856	223
1993	694	747	685	542	859	228
1994	717	776	707	536	854	227
1995	711	769	706	534	857	218
1996	702	766	705	524	842	211
1997	706	764	703	539	851	208
1998	730	789	724	554	865	174

NASS, Iowa Agricultural Statistics service (515) 284–4340.

Table 7-21.—Cattle and calves: Number of operations by size group, selected States, and United States, 1997–98 [1]

State	Operations having									
	1–49 head		50–99 head		100–499 head		500–999 head		1000+ head	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
AL	21,000	21,000	4,600	4,500	4,100	4,200	240	240	60	60
AZ	2,000	1,900	350	350	650	650	150	150	150	150
AR	19,500	20,000	7,000	6,500	4,200	4,200	230	230	70	70
CA	16,000	15,400	2,200	1,900	3,500	3,400	1,100	1,100	1,200	1,200
CO	7,400	8,100	2,100	2,600	4,200	3,700	600	650	400	450
FL	16,800	17,000	2,200	2,250	2,400	2,100	300	350	300	300
GA	17,200	16,300	3,700	3,700	2,800	2,700	250	240	50	60
ID	7,000	7,000	1,700	1,700	2,640	2,630	400	400	260	270
IL	16,900	16,800	4,800	4,800	4,100	4,200	150	150	50	50
IN	19,000	18,500	3,500	3,200	2,380	2,170	90	100	30	30
IA	19,500	19,500	9,550	9,000	11,000	9,650	600	600	350	250
KS	17,500	17,700	7,800	7,700	10,000	10,000	1,100	1,000	600	600
KY	36,000	35,000	9,500	9,000	6,250	5,750	200	200	50	50
LA	11,300	10,700	2,600	2,300	2,350	2,300	210	160	40	40
MD	3,500	3,000	750	680	810	785	30	25	10	10
MI	11,500	11,000	2,800	2,280	3,000	2,500	160	160	40	60
MN	15,200	15,200	9,800	8,100	7,600	7,300	300	300	100	100
MS	20,000	19,000	3,700	3,700	3,100	3,100	150	150	50	50
MO	44,000	43,000	14,500	14,000	12,000	11,400	410	470	90	130
MT	5,100	5,500	2,200	2,250	5,100	5,100	800	800	400	350
NE	9,800	10,700	5,900	5,900	10,000	10,000	1,350	1,450	950	950
NM	4,700	4,800	1,100	1,200	2,000	1,900	400	400	400	400
NY	9,100	8,800	4,100	3,900	4,500	4,500	230	220	70	80
NC	27,500	25,000	3,600	3,200	1,810	1,710	70	70	20	20
ND	4,000	4,300	3,500	3,600	5,900	5,800	520	520	80	80
OH	23,000	23,000	3,900	3,800	2,980	3,030	100	140	20	30
OK	40,000	38,000	11,300	11,200	11,300	11,300	900	1,000	500	500
OR	13,900	12,600	1,500	1,630	2,100	2,300	400	440	200	230
PA	17,000	16,000	7,000	7,000	4,850	4,840	120	130	30	30
SD	5,400	6,300	4,000	4,200	8,900	8,800	1,200	1,200	500	500
TN	43,000	41,000	8,200	8,500	5,600	5,300	170	170	30	30
TX	96,000	96,000	25,000	24,000	24,000	23,000	2,700	2,600	1,300	1,400
UT	4,200	4,500	1,000	1,220	2,200	1,900	260	250	140	130
VT	1,340	1,400	800	750	1,000	990	50	50	10	10
VA	22,000	19,000	5,200	5,400	4,500	4,300	250	250	50	50
WA	16,500	13,500	1,100	1,100	2,000	2,000	240	250	160	150
WI	20,000	19,000	12,800	12,000	13,770	13,540	360	390	70	70
WY	2,100	2,100	1,000	1,000	2,300	2,400	600	600	300	300
Oth Sts	29,100	27,400	4,200	4,200	3,500	3,500	360	360	190	190
US	715,040	695,000	200,550	194,310	205,390	198,945	17,750	17,965	9,320	9,430

[1] An operation is any place having one or more cattle on hand during the year.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-22.—Cattle and calves: Percent of inventory by size group, selected States, and United States, 1997–98 [1]

State	Inventory on operations having									
	1–49 head		50–99 head		100–499 head		500–999 head		1,000+ head	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Percent									
AL	24.0	24.0	18.0	17.0	44.0	45.0	9.3	9.3	4.7	4.7
AZ	2.5	3.0	2.5	2.5	17.0	17.0	10.0	10.5	68.0	67.0
AR	20.0	22.0	25.0	24.0	42.0	41.0	7.0	7.0	6.0	6.0
CA	3.4	3.3	3.1	2.7	17.5	16.0	16.0	17.0	60.0	61.0
CO	4.0	4.6	4.3	5.6	28.0	24.0	12.7	12.8	51.0	53.0
FL	13.0	13.0	8.0	8.0	25.0	23.0	10.0	13.0	44.0	43.0
GA	24.0	23.0	20.0	20.0	39.0	38.0	11.0	11.0	6.0	8.0
ID	6.0	6.0	7.0	6.5	31.0	30.0	15.0	14.5	41.0	43.0
IL	21.0	20.0	21.0	21.0	47.0	47.0	6.0	6.5	5.0	5.5
IN	32.0	32.0	22.0	21.0	37.0	37.0	5.0	6.0	4.0	4.0
IA	9.0	10.0	17.0	17.0	52.0	50.0	10.0	11.0	12.0	12.0
KS	5.4	6.0	8.6	8.0	31.0	29.0	12.0	10.0	43.0	47.0
KY	27.0	28.0	24.5	24.0	41.0	39.5	4.9	5.1	2.6	3.4
LA	21.0	22.0	18.0	15.0	41.0	45.0	13.0	11.0	7.0	7.0
MD	19.0	19.0	17.5	16.5	52.0	53.0	6.5	6.5	5.0	5.0
MI	15.0	18.0	18.0	15.0	51.0	46.0	9.0	10.0	7.0	11.0
MN	12.0	12.0	25.0	23.0	50.0	50.0	7.0	8.0	6.0	7.0
MS	27.0	27.0	21.0	21.0	40.0	37.0	7.0	7.0	5.0	8.0
MO	20.0	19.0	21.0	21.0	49.0	48.0	6.0	7.0	4.0	5.0
MT	3.5	4.0	5.5	6.0	42.0	44.0	20.0	20.0	29.0	26.0
NE	3.2	3.3	6.3	6.1	31.5	31.0	14.0	14.6	45.0	45.0
NM	4.0	4.5	4.0	4.5	23.0	24.0	16.0	15.0	53.0	52.0
NY	10.0	11.0	20.0	19.0	53.0	52.0	10.0	10.0	7.0	8.0
NC	37.0	34.0	23.0	22.0	32.0	35.0	4.7	4.9	3.3	4.1
ND	4.5	5.5	11.5	11.0	62.0	61.0	16.0	16.0	6.0	6.5
OH	34.0	29.0	20.0	20.0	39.0	41.0	4.5	6.5	2.5	3.5
OK	15.0	14.0	14.0	14.0	38.0	37.0	11.0	12.0	22.0	23.0
OR	11.0	11.0	9.0	7.0	35.0	31.0	17.0	20.0	28.0	31.0
PA	17.0	17.0	26.0	26.0	49.0	49.0	4.9	5.0	3.1	3.0
SD	3.3	4.0	7.7	8.0	50.0	49.0	19.0	20.0	20.0	19.0
TN	33.0	35.0	24.0	24.0	37.0	34.0	4.0	5.0	2.0	2.0
TX	12.0	12.0	12.0	11.0	32.0	31.0	12.0	12.0	32.0	34.0
UT	6.7	7.5	7.3	9.5	46.0	43.0	17.0	18.0	23.0	22.0
VT	8.0	8.0	18.0	18.0	57.0	57.0	10.0	11.0	7.0	6.0
VA	26.0	22.0	19.0	20.0	43.0	44.0	8.0	10.0	4.0	4.0
WA	12.0	11.0	6.0	6.0	35.0	36.0	14.0	14.0	33.0	33.0
WI	9.7	9.7	23.0	22.0	58.0	58.0	6.5	7.5	2.8	2.8
WY	2.0	3.0	4.0	4.0	29.0	32.0	24.0	24.0	41.0	37.0
Oth Sts	20.0	20.0	14.0	14.0	34.0	34.0	11.0	11.0	21.0	21.0
US	12.5	12.5	13.5	12.9	38.1	37.0	11.4	11.8	24.5	25.8

[1] Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-23.—Beef cows: Number of operations, 1997–98, and inventory, January 1, 1998–99, by States and United States [1]

State	Operations with beef cows [2]		January 1 beef cow inventory	
	1997	1998	1998	1999
	Number	*Number*	*1,000 head*	*1,000 head*
AL	28,000	28,000	822	793
AK	90	90	3.9	4.0
AZ	2,300	2,300	220	218
AR	28,000	28,000	919	919
CA	14,800	14,500	820	800
CO	10,200	11,700	856	827
CT	700	750	7	7
DE	220	240	3	3
FL	20,000	20,000	1,010	973
GA	22,000	22,000	624	620
HI	750	750	88	86
ID	8,000	8,000	520	498
IL	17,800	17,700	440	445
IN	16,000	15,500	285	283
IA	28,000	28,000	1,005	1,000
KS	29,000	29,000	1,461	1,506
KY	44,000	42,000	1,165	1,105
LA	14,100	12,900	504	486
ME	1,200	1,000	12	8
MD	2,900	2,800	49	49
MA	800	850	7	6
MI	8,500	7,800	115	105
MN	16,000	15,800	395	385
MS	25,000	24,000	604	591
MO	60,000	59,000	2,045	2,065
MT	11,800	12,700	1,542	1,532
NE	23,000	23,000	1,940	1,938
NV	1,400	1,400	239	234
NH	550	550	4	4
NJ	1,100	1,100	13	10
NM	6,900	7,000	564	572
NY	6,100	6,400	80	78
NC	31,000	27,000	422	427
ND	12,300	12,700	906	980
OH	17,700	17,500	305	270
OK	54,000	52,000	1,959	1,858
OR	15,000	13,500	682	662
PA	11,500	11,300	165	151
RI	130	130	1.1	1.3
SC	10,500	10,000	230	231
SD	17,000	17,500	1,619	1,658
TN	47,000	47,000	1,060	1,030
TX	133,000	131,000	5,510	5,530
UT	5,500	5,600	355	335
VT	1,000	1,100	13	8
VA	25,000	23,000	695	688
WA	13,000	12,000	300	272
WV	13,000	12,000	207	207
WI	11,700	12,200	220	190
WY	5,300	5,500	874	824
US	872,840	855,860	33,885.0	33,472.3

[1] An operation is any place having one or more beef cows on hand at any time during the year. [2] Included in operations with cattle.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-24.—Beef cows: Number of operations by size group, selected States and United States, 1997–98 [1]

State	Operations having							
	1–49 head		50–99 head		100–499 head		500+ head	
	1997	1998	1997	1998	1997	1998	1997	1998
	Number							
AL	23,000	23,000	3,200	3,200	1,730	1,750	70	50
AZ	1,400	1,450	300	300	500	450	100	100
AR	22,800	22,800	3,500	3,500	1,640	1,640	60	60
CA	11,400	11,100	1,300	1,300	1,800	1,800	300	300
CO	5,800	7,200	1,700	1,900	2,450	2,350	250	250
FL	16,400	16,500	1,600	1,600	1,660	1,570	340	330
GA	18,500	18,700	2,280	2,160	1,200	1,100	20	40
ID	5,500	5,500	1,000	1,000	1,360	1,360	140	140
IL	15,700	15,500	1,600	1,600	490	585	10	15
IN	14,900	14,400	850	850	250	250	.....	.....
IA	21,000	21,000	5,000	5,000	1,950	1,970	50	30
KS	19,000	19,600	5,500	5,500	4,350	3,760	150	140
KY	38,000	36,000	4,400	4,200	1,570	1,770	30	30
LA	11,200	10,600	1,400	1,100	1,430	1,130	70	70
MN	13,500	13,600	2,000	1,650	480	530	20	20
MS	21,000	20,000	3,000	3,000	950	950	50	50
MO	48,000	47,000	8,200	8,200	3,690	3,680	110	120
MT	4,800	5,700	2,150	2,300	4,300	4,200	550	500
NE	12,800	12,700	4,800	4,800	4,900	5,000	500	500
NM	4,300	4,500	1,000	1,000	1,350	1,250	250	250
ND	5,500	6,000	3,500	3,500	3,240	3,140	60	60
OH	16,700	16,500	750	740	240	250	10	10
OK	42,000	40,000	8,000	7,900	3,800	3,900	200	200
OR	12,000	10,900	1,500	1,070	1,300	1,300	200	230
PA	11,000	10,800	370	390	130	110	.....	.....
SD	7,200	8,000	4,500	4,000	5,000	5,200	300	300
TN	42,000	42,000	3,700	3,700	1,275	1,280	25	20
TX	104,000	103,000	17,100	15,800	11,000	11,300	900	900
UT	3,600	3,700	870	900	910	900	120	100
VA	21,000	19,000	2,600	2,700	1,360	1,260	40	40
WA	11,500	10,600	760	690	690	660	50	50
WY	2,000	2,200	1,100	1,000	1,800	1,900	400	400
Oth Sts	84,900	79,700	4,700	4,600	1,870	1,680	170	180
US	692,400	679,250	104,230	101,150	70,665	69,975	5,545	5,485

[1] An operation is any place having one or more beef cows on hand at any time during the year. Missing data combined with other size groups.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-25.—Beef cows: Percent of inventory by size group, selected States, and United States, 1997–98 [1]

State	Inventory on operations having							
	1–49 head		50–99 head		100–499 head		500+ head	
	1997	1998	1997	1998	1997	1998	1997	1998
	Percent							
AL	41.0	41.0	23.0	22.0	31.0	32.0	5.0	5.0
AZ	8.0	8.0	7.0	7.0	40.0	37.0	45.0	48.0
AR	40.0	43.0	25.0	25.0	31.0	28.0	4.0	4.0
CA	14.0	13.0	10.0	10.0	42.0	43.0	34.0	34.0
CO	11.0	14.0	13.0	15.0	54.0	50.0	22.0	21.0
FL	20.0	18.0	9.0	10.0	29.0	27.0	42.0	45.0
GA	46.0	44.0	22.0	22.0	30.0	29.0	2.0	5.0
ID	16.0	16.0	13.0	13.0	48.0	48.0	23.0	23.0
IL	59.0	56.0	24.0	24.0	15.8	18.2	1.2	1.8
IN	67.0	68.0	19.0	18.0	14.0	14.0	.....	.....
IA	39.0	39.5	31.0	30.0	27.0	28.0	3.0	2.5
KS	26.0	28.0	22.0	24.0	45.0	41.0	7.0	7.0
KY	53.0	53.0	25.0	23.0	20.5	22.5	1.5	1.5
LA	30.0	34.0	17.0	16.0	43.0	38.0	10.0	12.0
MN	48.0	50.0	32.0	28.0	16.5	18.5	3.5	3.5
MS	43.0	43.0	25.0	23.0	27.0	28.0	5.0	6.0
MO	41.0	42.0	27.0	26.0	27.0	27.0	5.0	5.0
MT	6.0	7.0	9.0	10.0	56.0	56.0	29.0	27.0
NE	13.0	13.0	17.0	17.0	47.0	47.0	23.0	23.0
NM	10.0	12.0	11.0	11.0	43.0	42.0	36.0	35.0
ND	14.0	14.5	23.0	22.0	59.0	59.0	4.0	4.5
OH	72.0	71.0	15.0	15.0	11.0	11.7	2.0	2.3
OK	35.0	35.0	25.0	23.0	32.0	34.0	8.0	8.0
OR	18.0	18.0	16.0	10.0	41.0	40.0	25.0	32.0
PA	74.0	74.0	14.0	15.0	12.0	11.0	.....	.....
SD	11.0	11.0	19.0	17.0	57.0	58.0	13.0	14.0
TN	58.0	58.0	22.0	23.0	18.5	17.5	1.5	1.5
TX	29.0	29.0	20.0	18.0	35.0	37.0	16.0	16.0
UT	12.0	15.0	15.0	17.0	45.0	45.0	28.0	23.0
VA	48.0	45.0	23.0	24.0	25.0	27.0	4.0	4.0
WA	30.0	27.0	16.0	15.0	38.0	40.0	16.0	18.0
WY	5.0	5.0	8.0	8.0	46.0	48.0	41.0	39.0
Other States	51.0	50.0	16.0	17.0	20.0	19.0	13.0	14.0
US	30.4	30.4	19.4	18.8	35.9	36.1	14.3	14.7

[1] Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys. Missing data combined with other size groups.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-26.—Hogs and pigs: Number and value, United States, Dec. 1, 1989–98

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1989	53,788	79.10	4,252,885	1994	59,738	53.20	3,178,123
1990	54,416	85.40	4,647,808	1995	58,201	70.70	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	74.90	4,339,509	1998 [1]	62,156	46.00	2,831,847

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-27.—Hogs and pigs: Number and value, by States, Dec. 1, 1997–98

State	Operations		Number		Value			
					Value per head		Total value	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Number	*Number*	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,100	1,000	190	190	80	44	15,200	8,360
AK	50	50	2.1	2.1	150	150	315	315
AZ	250	250	145	115	88	49	12,760	5,635
AR	1,460	1,300	860	750	79	55	67,940	41,250
CA	2,000	1,600	210	210	110	61	23,100	12,810
CO	1,200	1,100	790	870	88	49	69,520	42,630
CT	250	200	4.5	5.0	110	61	495	305
DE	180	150	30	31	79	44	2,370	1,364
FL	2,000	1,800	55	55	85	47	4,675	2,585
GA	2,000	1,700	520	430	81	42	42,120	18,060
HI	250	250	29	29	130	130	3,770	3,770
ID	900	800	30	27	82	45	2,460	1,215
IL	7,500	7,000	4,700	4,850	83	40	390,100	194,000
IN	6,500	6,400	3,950	4,050	84	42	331,800	170,100
IA	18,000	17,500	14,600	15,300	85	47	1,241,000	719,100
KS	3,000	2,600	1,530	1,590	73	37	111,690	58,830
KY	2,100	1,700	570	520	74	35	42,180	18,200
LA	950	600	32	30	88	49	2,816	1,470
ME	600	400	6.0	6.0	88	49	528	294
MD	600	620	85	65	81	45	6,885	2,925
MA	450	500	18.5	19.5	88	49	1,628	956
MI	3,000	2,800	1,030	1,120	89	48	91,670	53,760
MN	9,000	8,500	5,700	5,700	85	51	484,500	290,700
MS	2,000	2,000	220	275	86	48	18,920	13,200
MO	5,500	5,000	3,550	3,300	69	48	244,950	158,400
MT	650	650	180	190	85	47	15,300	8,930
NE	6,500	6,000	3,500	3,400	90	46	315,000	156,400
NV	110	110	7.5	7.5	110	61	825	458
NH	250	300	4.4	4.0	97	54	427	216
NJ	550	550	23.0	24.0	97	54	2,231	1,296
NM	400	400	6.0	6.0	88	49	528	294
NY	1,500	1,400	79	60	81	45	6,399	2,700
NC	4,500	4,200	9,600	9,700	72	41	691,200	397,700
ND	1,000	850	200	205	85	47	17,000	9,635
OH	6,800	6,500	1,700	1,700	79	53	134,300	90,100
OK	3,100	3,100	1,650	1,920	88	53	145,200	101,760
OR	1,400	1,200	35	30	88	49	3,080	1,470
PA	3,500	3,500	1,100	1,100	85	44	93,500	48,400
RI	60	50	2.8	3.0	85	47	238	141
SC	1,300	1,100	305	270	75	38	22,875	10,260
SD	3,000	3,200	1,400	1,400	84	53	117,600	74,200
TN	2,500	2,500	340	300	75	36	25,500	10,800
TX	5,500	5,000	580	640	83	42	48,140	26,880
UT	500	500	295	380	88	49	25,960	18,620
VT	300	250	2.9	3.5	110	61	319	214
VA	1,600	1,500	400	390	75	41	30,000	15,990
WA	1,000	1,000	39	37	97	54	3,783	1,998
WV	1,100	1,100	16.0	16.0	85	47	1,360	752
WI	3,900	3,300	740	690	84	36	62,160	24,840
WY	300	300	95	140	97	54	9,215	7,560
US	122,160	114,380	61,158	62,156	82	46	4,985,532	2,831,847

[1] Preliminary. Totals may not add due to rounding

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-28.—Sows farrowing and pig crop: Number, United States, 1989–98

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*
1989	6,028	5,767	47,141	44,779	91,920	1994	6,257	6,139	51,217	50,261	113,874
1990	5,732	5,709	45,223	44,877	90,100	1995	6,046	5,843	50,077	48,739	110,705
1991	5,988	6,071	47,413	47,902	95,315	1996	5,665	5,449	47,888	46,571	105,573
1992	6,260	6,012	50,466	48,676	99,142	1997	5,595	5,884	48,394	51,190	111,063
1993	6,039	5,977	49,110	48,216	109,342	1998 [1]	6,014	6,044	52,469	52,511	117,038

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-29.—Hogs and pigs: Number for breeding and market, United States, 1989–98

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*
1989	55,880	7,315	20,727	12,070	8,765	7,003	48,565
1990	53,800	7,065	19,806	11,698	8,515	6,716	46,735
1991	56,340	7,485	20,720	12,365	8,815	6,955	48,855
1992	59,175	7,520	21,540	13,005	9,615	7,495	51,655
1993	58,795	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 [1]	62,213	6,958	21,482	13,711	11,084	8,978	55,524
	Dec. 1						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	53,788	6,857	17,185	12,174	9,663	7,909	46,931
1990	54,416	6,847	17,852	12,195	9,622	7,900	47,569
1991	57,649	7,229	18,671	12,966	10,367	8,416	50,420
1992	58,202	7,109	19,122	12,846	10,420	8,705	51,093
1993	57,940	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 [1]	62,156	6,672	20,000	13,641	11,640	10,203	55,483

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-30.—Hogs: Number in specified countries, 1996–98 [1]

Country	1996	1997	1998 [2]
	Thousands	*Thousands*	*Thousands*
Australia	2,600	2,600	2,600
Austria	3,706	3,664	3,680
Belgium-Luxembourg	7,153	7,717	7,498
Brazil	32,068	31,369	31,427
Bulgaria	2,140	1,500	1,480
Canada	11,588	11,483	11,842
China, People's Republic of	441,692	457,130	475,000
Colombia	2,421	NA	NA
Czech Republic	4,024	4,048	3,960
Denmark	10,709	11,081	11,392
Dominican Republic	307	NA	NA
France	14,523	14,976	15,430
Germany	23,737	24,283	24,795
Greece	1,070	1,028	938
Guatemala	1,100	NA	NA
Ireland	1,542	1,665	1,717
Italy	8,000	8,100	8,150
Japan	9,900	9,823	9,904
Kazakhstan	1,610	NA	NA
Korea, Republic of	6,461	6,516	7,096
Mexico	11,100	10,250	10,520
Netherlands	13,958	14,253	11,438
New Zealand	400	NA	NA
Philippines	9,023	9,750	10,210
Poland	20,343	17,697	18,498
Portugal	2,400	2,344	2,365
Romania	7,960	8,235	7,273
Russian Federation	22,630	19,500	16,579
South Africa, Republic of	1,690	NA	NA
Spain	18,600	18,651	19,269
Sweden	2,330	2,351	2,386
Switzerland	1,382	1,398	1,465
Taiwan	10,510	10,698	7,967
Ukraine	13,070	11,175	10,000
United Kingdom	7,351	7,621	7,959
United States	58,264	56,141	60,915
Total	787,362	787,047	803,753

[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 7-31.—Hogs: Number slaughtered, United States, 1989–98

Year	Commercial			Farm	Total
	Federally inspected	Other	Total [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	86,328	2,364	88,692	315	89,007
1990	82,901	2,235	85,136	296	85,431
1991	85,952	2,217	88,169	276	88,445
1992	92,611	2,278	94,889	268	95,157
1993	90,933	2,135	93,068	229	93,296
1994	93,435	2,261	95,696	208	95,905
1995	94,203	2,123	96,325	210	96,535
1996	90,534	1,860	92,394	175	92,569
1997	90,228	1,733	91,960	165	92,125
1998	99,285	1,745	101,029	165	101,194

[1] Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-32.—Sows farrowing and pig crop: Number by States, 1997 and 1998

State	Sows farrowing							
	Dec.–Feb.		Mar.–May		June–Aug.		Sept.–Nov.	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR	52	56	60	56	58	57	55	56
GA	30	26	30	25	29	25	25	25
IL	200	225	240	255	220	230	240	235
IN	180	195	180	195	190	190	190	195
IA	450	520	510	550	540	530	520	510
KS	80	90	90	90	95	92	95	90
KY	31	31	31	30	31	29	31	30
MI	40	40	55	53	54	52	48	52
MN	230	260	255	275	260	280	260	265
MO	185	195	200	195	195	195	200	190
NE	170	165	170	170	165	170	165	175
NC	500	515	515	540	515	550	510	520
OH	75	89	85	90	90	90	90	90
OK	78	117	87	129	98	134	99	135
PA	50	47	48	48	49	48	48	46
SD	60	58	70	65	68	57	70	60
WI	46	42	47	43	48	42	43	39
Oth Sts [2]	227	258	238	277	241	283	250	277
US	2,684	2,929	2,911	3,086	2,946	3,054	2,939	2,990

State	Pig crop							
	Dec.–Feb.		Mar.–May		June–Aug.		Sept.–Nov.	
	1997	1998 [1]	1997	1998 [1]	1997	1998	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR	442	476	498	470	499	485	462	476
GA	242	217	251	210	244	211	209	208
IL	1,700	1,935	2,016	2,193	1,848	1,978	2,016	2,021
IN	1,530	1,677	1,512	1,697	1,596	1,644	1,615	1,687
IA	3,825	4,524	4,386	4,785	4,752	4,638	4,472	4,437
KS	728	810	828	801	874	800	874	783
KY	257	260	264	252	259	244	259	255
MI	336	352	462	472	470	463	418	442
MN	2,001	2,327	2,257	2,448	2,301	2,492	2,314	2,345
MO	1,628	1,716	1,780	1,736	1,736	1,697	1,780	1,634
NE	1,437	1,403	1,445	1,428	1,411	1,462	1,403	1,488
NC	4,450	4,584	4,584	4,806	4,584	4,840	4,514	4,498
OH	623	757	714	783	747	788	774	774
OK	741	1,041	827	1,174	921	1,219	921	1,229
PA	425	404	413	418	426	418	418	409
SD	510	499	588	566	578	496	602	516
WI	386	344	400	366	408	351	357	322
Oth Sts [2]	1,903	2,154	2,004	2,384	2,042	2,408	2,086	2,354
US	23,164	25,480	25,229	26,989	25,696	26,634	25,494	25,878

[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 7-33.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1988–97

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*
1988	90,420	3,722	335	21,697,048	9,155,727	9,221,199	76,031	9,297,230	42.30
1989	92,432	3,643	316	21,907,061	9,280,627	9,454,053	71,228	9,525,281	42.50
1990	89,240	4,317	279	21,286,939	11,345,800	11,525,451	82,878	11,608,329	53.70
1991	92,220	4,670	264	22,727,121	11,067,121	11,036,132	68,243	11,104,375	49.10
1992	98,589	4,871	272	23,946,691	9,854,258	10,016,503	60,713	10,077,216	41.60
1993	98,351	5,675	222	23,692,553	10,627,889	10,910,817	54,862	10,965,679	45.20
1994	100,747	6,177	195	24,436,502	9,692,390	9,882,641	43,922	9,926,563	39.90
1995	102,684	7,550	192	24,425,501	9,829,188	10,264,264	42,240	10,306,504	40.50
1996	101,852	10,041	183	23,267,241	12,013,037	12,698,454	49,889	12,748,343	51.90
1997 [7] ...	104,554	14,870	176	24,094,229	12,633,892	13,196,781	49,698	13,246,479	52.90

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughtered for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. [5] Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. [6] Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. [7] Preliminary.

NASS Livestock and Economics Branch, (202) 720–6146.

Table 7-34.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1989–98 [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*
1989	432	645	2,688	5,784	24,879
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

[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 7-35.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1997 (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	323.0	41.0	3.0	116,738	56,813	59,881	512	60,393
AK	1.5	0.1	1.5	815	467	206	206	412
AZ	367.0	86.0	1.0	87,296	41,156	45,659	249	45,908
AR	1,830.0	90.0	1.0	378,564	191,214	198,160	515	198,675
CA	378.0	51.0	22.0	74,055	40,076	43,914	2,284	46,198
CO	1,544.0	80.0	1.0	347,895	198,448	201,696	1,108	202,804
CT	4.6	0.0	0.2	999	470	504	24	528
DE	29.0	1.0	1.0	6,498	2,695	2,900	218	3,118
FL	137.0	7.0	1.0	24,409	11,216	11,883	92	11,975
GA	1,304.0	47.0	4.0	307,159	150,780	158,675	964	159,639
HI	33.0	0.0	1.0	6,190	4,971	4,902	161	5,063
ID	71.0	18.0	2.0	16,080	7,992	8,241	374	8,615
IL	8,128.0	1,200.0	4.0	1,824,664	931,042	1,011,316	1,208	1,012,524
IN	6,282.0	439.0	1.0	1,549,079	783,363	805,226	509	805,735
IA	21,040.0	7,000.0	17.0	5,348,360	2,770,466	2,957,211	5,220	2,962,431
KS	3,500.0	390.0	1.0	728,797	388,480	409,737	754	410,491
KY	1,111.0	98.0	9.0	250,737	133,382	140,519	2,914	143,433
LA	68.0	2.0	2.0	13,964	6,535	6,871	199	7,070
ME	10.2	0.0	0.9	3,541	1,664	1,115	519	1,634
MD	145.0	17.0	2.0	27,545	13,096	12,882	514	13,396
MA	15.7	0.0	0.5	3,451	1,622	1,375	243	1,618
MI	1,697.0	77.0	3.0	404,354	211,863	218,146	1,495	219,641
MN	9,197.0	1,470.0	7.0	2,091,525	1,117,764	1,169,019	3,374	1,172,393
MS	503.0	68.0	2.0	117,870	59,452	64,809	526	65,335
MO	7,443.0	1,200.0	2.0	1,352,969	713,465	778,661	1,601	780,262
MT	277.0	2.0	2.0	66,771	36,798	34,328	410	34,738
NE	5,966.0	275.0	2.0	1,468,110	808,754	832,518	1,548	834,066
NV	20.7	3.0	0.3	4,496	2,397	2,446	36	2,482
NH	3.4	0.0	0.3	647	304	192	82	274
NJ	31.2	12.3	2.0	2,105	638	1,208	284	1,492
NM	14.5	5.8	1.0	2,331	1,054	1,223	205	1,428
NY	121.0	7.0	2.0	27,031	12,118	12,410	643	13,053
NC	16,735.0	153.0	20.0	3,765,321	2,038,494	2,016,643	3,122	2,019,765
ND	345.0	40.0	2.0	69,732	32,200	36,795	480	37,275
OH	3,050.0	397.0	10.0	768,632	402,731	413,072	3,814	416,886
OK	3,846.0	950.0	2.0	731,389	368,045	423,393	1,040	424,433
OR	79.0	0.0	1.0	17,700	10,071	10,339	131	10,470
PA	1,536.0	75.0	10.0	356,341	180,033	182,297	1,742	184,039
RI	4.1	0.0	0.2	968	455	439	24	463
SC	660.0	85.0	7.0	126,042	63,203	64,988	1,623	66,611
SD	2,305.0	221.0	4.0	559,303	301,140	311,118	1,909	313,027
TN	726.0	93.0	3.0	143,655	72,782	81,351	1,073	82,424
TX	854.0	108.0	6.0	227,614	107,678	104,723	1,911	106,634
UT	301.0	2.0	1.0	90,215	53,030	42,336	282	42,618
VT	2.6	0.0	0.4	831	391	289	88	377
VA	628.0	20.0	1.0	153,931	79,288	78,630	1,031	79,661
WA	59.0	0.0	2.0	14,938	7,611	6,596	598	7,194
WV	34.0	2.0	2.0	7,638	3,645	3,307	648	3,955
WI	1,554.0	10.0	2.0	352,406	188,673	193,826	645	194,471
WY	239.2	26.7	2.5	52,528	23,867	28,806	546	29,352
US	104,553.7	14,869.9	175.8	24,094,229	12,633,892	13,196,781	49,698	13,246,479

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughter for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. [5] Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs. [6] Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-36.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1997 [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	107.1	43,115	403	NV	1.7	341	202
AZ	10.3	2,200	214	N ENG [2]	26.3	6,129	233
AR	188.0	83,007	441	NJ	...	...	...
CA	1,937.4	410,445	212	NM	2.3	488	215
CO	42.9	9,091	212	NY	49.3	9,325	189
DE and MD	230.4	54,850	238	NC	9,273.9	2,301,204	248
FL	126.4	25,885	205	ND	45.7	11,047	242
GA	309.6	82,098	265	OH	1,095.7	281,804	257
HI	40.5	8,107	200	OK	3,215.5	865,481	269
ID	102.0	26,901	264	OR	175.1	44,538	254
IL	8,455.9	2,203,497	261	PA	2,339.1	564,851	241
IN	4,914.3	1,230,888	250	SC	...	...	...
IA	24,449.5	6,309,027	258	SD	5,044.8	1,294,225	257
KS	...	...	...	TN	...	...	...
KY	2,194.8	566,046	258	TX	333.4	106,114	318
LA	39.0	8,210	210	UT	17.2	3,870	225
MI	...	...	...	VA	4,121.3	1,016,236	247
MN	6,992.4	1,762,361	252	WA	...	...	...
MS	...	...	...	WV	10.1	3,229	320
MO	3,528.8	897,034	254	WI	350.5	143,785	410
MT	20.1	4,429	220	WY	4.6	1,112	242
NE	5,776.4	1,471,321	255	US [3]	91,960.4	23,533,896	256

[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, not printed to avoid disclosing individual operations.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-37.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1998 [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	90.7	39,007	430	NV	...	...	...
AZ	9.2	1,785	195	N ENG [2]	26.4	6,672	253
AR	...	...	...	NJ	96.3	9,393	98
CA	2,212.4	466,373	211	NM	2.7	569	211
CO	41.2	8,929	217	NY	52.7	9,914	188
DE and MD	278.5	65,706	236	NC	9,786.4	2,383,069	244
FL	141.2	24,738	175	ND	72.4	17,326	239
GA	296.5	81,002	273	OH	1,261.4	324,265	257
HI	36.5	7,303	200	OK	4,119.2	1,085,918	264
ID	...	...	...	OR	188.5	48,799	259
IL	9,197.1	2,408,643	262	PA	2,427.9	578,702	238
IN	6,326.8	1,579,539	250	SC	...	...	...
IA	28,905.6	7,481,015	259	SD	4,452.3	1,171,170	263
KS	...	...	...	TN	...	...	...
KY	2,530.4	649,122	257	TX	324.2	99,028	306
LA	37.7	8,017	213	UT	27.3	4,769	175
MI	...	...	...	VA	4,172.7	1,019,308	244
MN	7,940.0	2,026,628	255	WA	...	...	...
MS	...	...	...	WV	11.0	3,403	308
MO	3,926.5	999,179	254	WI	375.1	155,732	415
MT	28.1	6,118	218	WY	5.9	1,459	246
NE	6,285.8	1,605,846	255	US [3]	101,029.3	25,897,764	256

[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, not printed to avoid disclosing individual operations.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-38.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1989–98 [1]

Year	Federally inspected									Commercial	
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs	
	Head	Avg. dressed weight	Head	Avg. dressed weight	Head	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight	Head	Avg. live weight
	1,000	*Pounds*	*1,000*	*Pounds*	*1,000*	*Pounds*	*1,000*	*Pounds*	*Pounds*	*1,000*	*Pounds*
1989	81,427	172	4,115	295	786	237	86,328	179	249	88,692	248
1990	78,394	175	3,704	298	803	225	82,901	181	250	85,136	249
1991	81,567	176	3,633	299	752	227	85,952	182	252	88,169	252
1992	87,807	176	3,955	295	849	225	92,611	182	253	94,889	252
1993	86,362	179	3,709	291	862	221	90,933	184	254	93,068	254
1994	88,615	180	3,917	294	904	219	93,435	185	255	95,696	255
1995	89,662	181	3,676	292	864	221	94,203	186	257	96,326	256
1996	86,443	181	3,425	290	667	222	90,534	186	254	92,394	254
1997	86,587	185	3,064	291	577	220	90,228	189	257	91,960	256
1998	95,354	185	3,437	295	494	228	99,285	189	257	101,029	256

[1] All weights calculated using unrounded totals. Totals may not add due to rounding.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-39.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, United States, 1988–97

Year	Hog-corn price ratio [1]	Price of corn per bushel [2]
		Dollars
1988	19.3	2.27
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	3.56
1996	15.4	3.55
1997	20.0	2.60

[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, Livestock and Economics Branch, (202) 720–3570.

Table 7-40.—Hogs and pigs: Number of operations and inventory by size groups, selected States, regions, and United States, 1997–98 [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	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Number											
AR	1,030	880	125	105	80	85	95	95	85	90	45	45
GA	1,430	1,340	350	200	90	50	60	40	40	50	30	20
IL	2,600	2,200	2,500	2,250	1,200	1,300	690	690	390	430	120	130
IN	2,600	2,400	2,100	2,100	840	840	520	580	330	360	110	120
IA	3,400	2,900	6,900	6,300	3,900	4,100	2,250	2,450	1,250	1,430	300	320
KS	1,600	1,300	870	890	300	200	110	90	80	80	40	40
KY	1,500	1,200	330	260	130	100	90	85	35	40	15	15
MI	2,050	1,900	510	500	180	100	130	150	100	120	30	30
MN	3,000	2,800	3,200	3,000	1,400	1,300	800	750	440	470	160	180
MO	2,800	2,100	1,690	1,800	510	570	270	230	170	240	60	60
NE	1,900	1,800	2,800	2,500	1,050	980	480	450	195	190	75	80
NC	2,700	2,400	200	190	140	140	240	240	650	650	570	580
OH	4,600	4,000	1,300	1,500	530	550	250	290	100	130	20	30
OK	2,800	2,800	130	130	40	40	50	50	50	50	30	30
PA	2,500	2,450	500	520	200	200	150	150	115	140	35	40
SD	1,050	1,100	1,300	1,500	370	300	150	160	70	80	60	60
WI	2,600	2,100	890	870	230	180	120	95	55	50	5	5
Oth Sts [2]	29,300	26,700	2,400	2,400	480	420	300	260	200	170	120	130
US	69,460	62,370	28,095	27,015	11,670	11,455	6,755	6,855	4,355	4,770	1,825	1,915

	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	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Percent											
AR	2.0	2.0	2.0	2.0	7.0	7.0	15.0	14.0	31.0	31.0	43.0	44.0
GA	4.0	5.0	10.0	7.0	9.0	7.0	11.0	11.0	22.0	24.0	44.0	46.0
IL	2.0	1.5	14.0	10.5	17.0	15.0	19.0	17.0	23.0	27.0	25.0	29.0
IN	2.0	2.0	14.0	12.0	15.0	13.0	18.0	17.0	24.0	24.0	27.0	32.0
IA	1.0	0.5	12.0	9.5	17.5	15.0	20.0	20.0	23.5	27.0	26.0	28.0
KS	2.5	2.0	12.5	12.0	10.0	7.0	9.0	8.0	14.0	12.0	52.0	59.0
KY	4.0	3.0	13.0	12.0	16.0	13.0	18.0	20.0	20.0	21.0	29.0	31.0
MI	4.0	2.0	12.0	8.0	11.0	6.0	18.0	20.0	25.0	34.0	30.0	30.0
MN	1.5	2.0	13.0	11.0	15.5	13.0	20.0	18.0	20.0	21.0	30.0	35.0
MO	2.0	2.0	10.5	12.0	9.5	9.0	10.0	7.0	14.0	15.0	54.0	55.0
NE	2.0	1.5	19.5	17.5	19.5	19.0	17.5	17.0	15.5	15.0	26.0	30.0
NC	0.5	0.5	0.5	0.5	1.0	1.0	4.0	3.5	22.0	21.5	72.0	73.0
OH	7.0	6.0	22.0	21.0	22.0	18.0	19.0	20.0	18.0	19.0	12.0	16.0
OK	2.0	2.0	2.0	1.5	2.0	1.5	4.0	3.5	8.0	6.5	82.0	85.0
PA	4.0	3.5	11.0	10.5	12.0	12.0	17.0	17.0	29.0	30.0	27.0	27.0
SD	2.5	2.5	22.0	22.0	16.0	12.5	13.0	12.0	12.5	15.0	34.0	36.0
WI	8.0	7.0	27.0	28.0	21.0	21.0	20.0	19.0	18.0	18.0	6.0	7.0
Oth Sts [2]	6.5	5.0	9.5	8.0	6.0	6.0	8.5	7.5	13.5	14.0	56.0	59.5
US	2.0	2.0	11.0	9.5	12.0	11.0	14.5	14.0	20.5	21.5	40.0	42.0

[1] An operation is any place having one or more hogs and pigs on hand any time during the year. Percents reflect average distributions based primarily on mid-year surveys. [2] Individual State estimates not available for the 33 other States.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-41.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1988–97

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*
1988	.....	.....	5	932	33	965	127	801	433	1.8
1989	.....	.....	.....	[4] 935	37	972	110	830	442	1.8
1990[3]	.....	.....	.....	919	32	954	97	832	468	1.9
1991	.....	.....	.....	952	25	980	121	822	429	1.7
1992	.....	.....	.....	1,025	37	1,064	136	905	426	1.7
1993	.....	.....	.....	1,005	23	1,031	114	879	449	1.7
1994	.....	.....	.....	1,034	38	1,074	137	897	598	2.3
1995	.....	.....	.....	1,040	41	1,082	124	920	585	2.2
1996	.....	.....	.....	998	38	1,038	101	917	606	2.3
1997	.....	.....	.....	993	19	1,013	90	901	615	2.3

[1] Factory and warehouse stocks as reported by the Bureau of the Census. [2] Includes imports, which were less than 500,000 pounds. [3] Discontinued after 1989. [4] ERS estimate.

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

Table 7-42.—Lard, including rendered pork fat: United States exports by country of destination, 1995–97

Continent and country	1995	1996	1997[1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	7,148	0	0
Mexico	33,166	36,757	31,284
Other countries	0	0	0
Total	40,314	36,757	31,284
South America:			
Ecuador	22	61	214
Venezuela	0	0	0
Other countries	210	69	104
Total	232	130	318
Europe:			
Netherlands	2,212	0	0
Spain	1,001	2,012	0
United Kingdom	7	28	0
Other countries	0	0	0
Total	3,220	2,040	0
Africa	41	0	0
Asia	7,283	1,650	6,046
Oceania	29	52	18
Other areas	5,141	5,061	3,348
Grand total[2]	56,260	45,690	41,014

[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 7-43.—Sheep and lambs: Number and value, United States, Jan. 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	11,358	79.30	901,092	1995 [1]	8,989	74.70	663,449
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 2]	7,238	88.00	640,428

[1] Beginning in 1994 includes new crop lambs. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-44.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1990–99

Year	All sheep and lambs	Sheep and lambs on feed	Breeding sheep				
			Total	Lambs		1 year and over	
				Ewes	Rams	Ewes	Rams
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1990	11,358	1,762	9,596	1,322	311	7,608	355
1991	11,174	1,730	9,444	1,340	347	7,409	348
1992	10,797	1,832	8,965	1,166	320	7,129	350
1993	10,201	1,896	8,305	1,126	308	6,537	333
1994 [1]	9,836	1,839	7,236	1,098	(4)	5,844	294
1995 [1]	8,989	(3)	6,518	857	(4)	5,404	257
1996 [1]	8,465	(3)	6,226	858	(4)	5,134	234
1997 [1]	8,024	(3)	5,919	787	(4)	4,912	220
1998 [1 2]	7,825	(3)	5,611	839	(4)	4,570	202
1999 [1 2]	7,238	(3)	5,314	774	(4)	4,338	202

[1] Includes new crop lambs. [2] Preliminary. [3] Discontinued. [4] Combined with ewes.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-45.—Sheep: Number in specified countries, 1996–98 [1]

Country	1996	1997	1998 [2]	Country	1996	1997	1998 [2]
	Thousand head	*Thousand head*	*Thousand head*		*Thousand head*	*Thousand head*	*Thousand head*
Argentina	17,956	17,295	16,432	New Zealand	48,816	47,394	46,970
Australia	121,200	120,200	119,600	Poland	608	506	467
Bulgaria	4,216	3,869	3,814	Portugal	4,239	4,161	4,199
China, Peoples Republic of	276,857	304,150	335,000	Romania	11,086	10,317	9,747
Egypt	3,491	3,543	3,580	Russian Federation	28,336	23,519	20,697
France	11,140	11,244	10,926	Saudia Arabia	10,365	10,621	11,000
Germany	2,395	2,324	2,302	South Africa, Republic of	35,145	35,830	36,821
Greece	9,386	9,201	8,999	Spain	21,322	23,981	24,512
India	173,519	175,976	178,462	Turkey	42,400	41,100	39,500
Ireland	5,583	5,391	5,634	Ukraine	4,080	2,925	2,486
Italy	12,000	12,300	12,320	United Kingdom	28,797	28,256	30,118
Kazakhstan, Republic of	19,600	13,742	10,896	United States	8,461	7,937	7,616
Mexico	13,100	13,500	14,413	Uruguay	20,205	19,747	18,187
				Total	934,303	949,029	974,698

[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 7-46.—Breeding sheep: Number, by classes, by States, Jan. 1, 1998 and 1999

State	Lambs		One year and over			
	Breeding		Ewes		Rams	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
AL	1.5	1.1	5.1	4.1	0.4	0.3
AK	0.3	0.3	0.8	0.8	0.4	0.4
AZ	8.0	7.0	63.0	58.0	2.0	3.0
CA	35.0	45.0	345.0	330.0	10.0	15.0
CO	33.0	29.0	200.0	185.0	7.0	6.0
CT	0.6	0.8	3.4	2.7	0.3	0.3
ID	35.0	41.0	194.0	185.0	5.0	5.0
IL	8.0	8.0	56.0	52.0	4.0	4.0
IN	9.0	9.0	32.0	35.0	3.0	3.0
IA	27.0	30.0	138.0	133.0	7.0	7.0
KS	9.0	9.0	66.0	57.0	5.0	4.0
KY	3.0	2.5	13.0	13.0	1.0	1.0
LA	0.7	0.8	3.8	4.1	0.5	0.6
ME	1.7	1.4	7.0	7.5	0.8	0.7
MD	3.5	3.5	12.5	12.5	2.5	1.0
MA	1.3	1.1	5.7	5.9	0.5	0.5
MI	7.0	7.0	38.0	34.0	3.0	3.0
MN	15.0	15.0	85.0	90.0	5.0	5.0
MO	8.0	9.0	54.0	58.0	4.0	4.0
MT	60.0	66.0	315.0	270.0	10.0	9.0
NE	10.0	11.0	71.0	73.0	3.0	4.0
NV	19.0	20.0	56.0	53.0	2.0	2.0
NH	1.0	1.0	4.5	4.5	0.5	0.5
NJ	1.3	2.0	8.5	8.0	0.7	1.0
NM	35.0	35.0	190.0	180.0	10.0	10.0
NY	8.0	8.0	38.0	36.0	3.0	2.0
NC	1.4	1.4	11.0	11.0	0.6	0.6
ND	15.0	16.0	78.0	79.0	3.0	3.0
OH	14.0	13.0	85.0	85.0	5.0	5.0
OK	5.0	5.0	44.0	34.0	3.0	2.0
OR	28.0	24.0	150.0	120.0	7.0	6.0
PA	11.0	11.0	57.0	55.0	5.0	5.0
SD	42.0	46.0	300.0	270.0	8.0	9.0
TN	2.5	2.0	8.5	9.0	1.0	1.0
TX	200.0	130.0	880.0	880.0	40.0	40.0
UT	50.0	45.0	320.0	305.0	10.0	10.0
VT	2.0	2.6	9.5	12.4	0.5	0.7
VA	9.0	7.0	46.0	37.0	3.0	2.0
WA	8.0	7.0	35.0	35.0	2.0	2.0
WV	4.0	4.0	30.0	30.0	1.0	1.0
WI	15.0	11.0	51.0	52.0	3.0	3.0
WY	86.0	82.0	430.0	405.0	14.0	13.0
Other States [2]	5.1	3.8	29.2	26.7	6.1	6.0
US	838.9	774.3	4,569.5	4,338.2	202.8	201.6

[1] Preliminary. [2] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-47.—Sheep and lambs: Average price per 100 pounds at San Angelo, 1989–98 [1]

Year	Sheep			Slaughter lambs			
	Good	Utility	Cull	Shorn		Spring	
				Prime	Choice	Prime	Choice
1989	38.58	30.78	21.93	66.06	66.06	71.48	71.48
1990	35.21	28.60	20.03	53.42	53.42	53.83	59.31
1991	31.98	27.12	17.89	51.86	51.86	55.97	55.97
1992	34.45	33.96	24.38	61.33	61.33	62.29	62.29
1993	36.95	36.41	27.94	64.92	64.92	61.62	61.62
1994	40.19	36.06	27.81	66.15	66.15	.....	.....
1995	33.97	35.61	29.07	75.71	75.71	77.91	77.91
1996	34.50	35.38	23.96	85.68	85.68	82.00	82.00
1997	49.24	46.53	32.80	89.26	89.26	89.20	89.20
1998	40.11	39.01	26.53	71.79	71.79	74.37	74.37

[1] Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. 1995 to present price reflects wooled lamb as well as the weight range of 110-130.

AMS, Livestock & Grain Market News, (202) 720–7316.

Table 7-48.—Sheep and lambs: Number of breeding sheep and market, by States, Jan. 1, 1998–99

State	Breeding sheep and lambs		Market sheep and lambs [2]	
	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	7.0	5.5	([3])	1.0
AK	1.5	1.5	0.1	0.1
AZ	73.0	68.0	67.0	72.0
CA	390.0	390.0	410.0	420.0
CO	240.0	220.0	335.0	220.0
CT	4.3	3.8	0.7	0.7
ID	234.0	231.0	51.0	34.0
IL	68.0	64.0	11.0	10.0
IN	44.0	47.0	11.0	10.0
IA	172.0	170.0	93.0	90.0
KS	80.0	70.0	40.0	30.0
KY	17.0	16.5	5.0	4.5
LA	5.0	5.5	1.0	1.0
ME	9.5	9.6	1.5	1.4
MD	18.5	17.0	3.5	6.0
MA	7.5	7.5	1.0	1.0
MI	48.0	44.0	24.0	18.0
MN	105.0	110.0	60.0	65.0
MO	66.0	71.0	14.0	14.0
MT	385.0	345.0	30.0	35.0
NE	84.0	88.0	16.0	17.0
NV	77.0	75.0	11.0	10.0
NH	6.0	6.0	1.0	1.0
NJ	10.5	11.0	2.5	1.0
NM	235.0	225.0	55.0	50.0
NY	49.0	46.0	12.0	9.0
NC	13.0	13.0	1.0	1.5
ND	96.0	98.0	35.0	36.0
OH	104.0	103.0	31.0	22.0
OK	52.0	41.0	18.0	14.0
OR	185.0	150.0	100.0	65.0
PA	73.0	71.0	13.0	12.0
SD	350.0	325.0	70.0	95.0
TN	12.0	12.0	2.0	1.0
TX	1,120.0	1,050.0	410.0	300.0
UT	380.0	360.0	40.0	40.0
VT	12.0	15.7	2.5	2.3
VA	58.0	46.0	16.0	11.0
WA	45.0	44.0	8.0	6.0
WV	35.0	35.0	5.0	5.0
WI	69.0	66.0	10.0	17.0
WY	530.0	500.0	180.0	160.0
Other States [4]	40.4	36.5	16.1	13.9
US	5,611.2	5,314.1	2,213.9	1,923.4

[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] AL, AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-49.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1997–98 [1]

State	1997		1998 [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*
AL	4.3	88	3.9	76
AK	0.7	88	0.7	88
AZ	48.0	74	47.0	75
CA	320.0	89	310.0	90
CO	225.0	107	220.0	110
CT	4.5	129	4.0	118
ID	245.0	120	240.0	124
IL	81.0	142	73.0	130
IN	55.0	149	50.0	156
IA	230.0	150	210.0	152
KS	85.0	101	70.0	106
KY	18.0	120	16.0	123
LA	5.0	81	4.5	118
ME	8.5	127	8.0	114
MD	14.0	104	16.0	128
MA	7.0	108	6.5	114
MI	62.0	124	46.0	121
MN	145.0	138	155.0	182
MO	75.0	150	90.0	167
MT	380.0	115	355.0	113
NE	95.0	146	96.0	135
NV	56.0	97	57.0	102
NH	5.0	125	5.5	122
NJ	9.0	113	8.0	94
NM	170.0	85	165.0	87
NY	50.0	132	47.0	124
NC	10.3	94	10.6	96
ND	110.0	121	105.0	135
OH	131.0	149	123.0	145
OK	50.0	106	40.0	91
OR	195.0	108	163.0	109
PA	74.0	116	72.0	126
SD	375.0	119	345.0	115
TN	8.5	106	10.0	118
TX	910.0	93	800.0	91
UT	370.0	110	350.0	109
VT	11.5	105	14.0	147
VA	60.0	125	52.0	113
WA	57.0	154	56.0	160
WV	37.0	103	38.0	127
WI	74.0	151	70.0	137
WY	460.0	102	440.0	102
Other States [3]	25.0	94	20.6	71
US	5,356.3	109	5,013.3	110

[1] Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States. [2] Preliminary. [3] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-50.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1988–97

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*
1988	7,205	1,610	6,350	1,971	100	730,941
1989	7,721	1,129	7,201	2,452	98	811,275
1990	7,686	1,628	6,823	2,004	95	780,800
1991	7,651	1,719	7,187	2,186	92	796,089
1992	7,225	1,923	7,007	2,389	87	745,970
1993	6,379	1,952	6,752	2,379	74	688,594
1994	5,897	1,536	6,384	2,187	76	630,033
1995	5,606	990	6,228	2,147	69	599,392
1996	5,282	1,024	6,023	2,225	65	565,669
1997 [4]	5,245	1,011	5,709	2,062	62	591,308

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*
1988	433,950	513,421	9,789	523,210	25.60	69.10
1989	467,553	542,923	9,519	552,442	24.40	66.10
1990	373,991	447,274	8,634	455,908	23.20	55.50
1991	356,689	439,250	7,754	447,004	19.70	52.20
1992	394,409	507,458	8,230	515,688	25.80	59.50
1993	394,444	544,219	7,388	551,607	28.60	64.40
1994	360,279	507,133	9,142	516,275	30.90	65.60
1995	409,900	558,848	9,868	568,716	28.00	78.20
1996	434,998	612,477	10,405	622,882	29.90	82.20
1997 [4]	478,449	635,112	10,829	645,941	37.90	90.30

[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 and Economics Branch, (202) 720–6146.

Table 7-51.—Sheep and lambs: Receipts at selected public stockyards, 1989–98 [1]

Year	Sioux Falls	South St. Joseph	South St. Paul	All others reporting	Total markets reporting [2] [3]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	.....	5	85	858	998
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

[1] Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978. [2] Rounded totals of complete figures. [3] The number of stockyards reporting varies from 41 to 68.

AMS, Livestock & Grain Market News, (202) 720–7316. Compiled from reports received from stockyard companies.

Table 7-52.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1997 (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	1.3	1.9	0.5	0.1	184	113	162	12	174
AK	0.0	0.2	0.0	0.1	6	11	10	19	29
AZ	9.0	102.0	82.0	12.0	6,674	6,049	10,092	1,198	11,290
CA	97.0	647.0	365.0	5.0	58,342	46,765	80,949	954	81,903
CO	61.0	1,088.0	980.0	1.0	95,737	67,864	144,401	204	144,605
CT	0.4	4.9	0.0	0.2	480	517	469	49	518
ID	39.5	193.5	15.0	1.0	24,508	19,331	19,864	190	20,054
IL	3.2	88.8	29.0	1.0	5,170	4,336	6,026	208	6,234
IN	19.5	45.0	4.0	1.5	4,792	3,361	4,031	308	4,339
IA	47.0	276.0	84.0	1.0	28,729	23,971	32,056	327	32,383
KS	29.0	106.0	35.0	1.0	11,092	9,201	12,227	244	12,471
KY	6.0	12.7	0.9	0.5	1,412	1,120	1,267	130	1,397
LA	1.7	5.6	0.0	0.6	522	404	382	96	478
ME	0.6	5.3	0.0	0.1	622	638	512	40	552
MD	3.0	15.6	2.4	2.0	2,150	1,727	1,551	325	1,876
MA	1.1	5.7	0.0	0.1	575	613	512	136	648
MI	15.0	61.0	13.0	2.0	7,225	5,724	6,312	483	6,795
MN	30.0	134.0	31.0	1.0	15,558	13,186	15,257	203	15,460
MO	9.2	44.7	4.0	0.2	4,151	3,093	3,514	93	3,607
MT	68.0	300.0	20.0	1.0	32,315	27,462	30,184	234	30,418
NE	22.0	114.5	64.0	0.5	11,104	8,444	12,116	100	12,216
NV	17.0	41.0	22.0	1.0	2,151	1,423	3,278	143	3,421
NH	0.6	4.9	0.5	0.2	496	502	461	56	517
NJ	7.6	12.4	11.0	0.8	811	548	1,344	110	1,454
NM	34.0	111.0	17.0	6.0	13,175	11,021	10,568	796	11,364
NY	1.0	36.0	1.0	1.0	3,959	3,641	3,198	149	3,347
NC	2.5	7.0	0.0	0.1	528	490	562	38	600
ND	31.0	78.5	8.0	0.5	7,741	6,496	8,340	106	8,446
OH	23.5	90.0	11.0	1.5	11,537	9,257	10,187	254	10,441
OK	5.5	46.0	5.0	1.0	4,169	3,723	4,053	214	4,267
OR	42.0	155.0	0.0	3.0	18,475	14,629	15,986	1,012	16,998
PA	10.5	51.5	0.0	1.0	6,561	5,416	5,072	288	5,360
SD	37.5	343.0	53.0	0.5	39,600	36,427	43,270	184	43,454
TN	2.2	6.2	1.1	0.2	432	381	587	22	609
TX	129.0	653.0	94.0	2.0	80,282	67,712	66,214	214	66,428
UT	49.0	251.0	9.0	5.0	26,115	20,753	21,945	667	22,612
VT	4.3	7.2	0.0	0.4	1,048	938	962	100	1,062
VA	8.0	47.0	1.0	1.0	6,222	4,969	4,757	211	4,968
WA	3.0	37.0	1.0	1.0	5,148	4,246	3,133	168	3,301
WV	8.0	39.7	10.0	0.3	3,386	2,573	3,472	53	3,525
WI	8.0	49.0	4.0	1.0	6,580	5,069	5,207	200	5,407
WY	122.0	375.5	81.0	2.5	39,957	33,019	39,473	291	39,764
Other [6]	1.0	14.3	3.0	0.0	1,587	1,286	1,149	0	1,149
US	1,010.7	5,708.6	2,062.4	61.9	591,308	478,449	635,112	10,829	645,941

[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 and Economics Branch, (202) 720–6146.

Table 7-53.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1997 [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	...	...	...
AZ	1.0	104	106	N ENG [2]	21.2	2,165	102
AR	0.5	59	120	NJ	97.1	9,077	94
CA	...	...	...	NM	37.5	4,441	119
CO	1,438.3	206,252	143	NY	29.5	2,856	97
DE and MD	...	...	...	NC	2.2	186	85
FL	0.5	53	99	ND	0.8	102	124
GA	2.4	245	101	OH	11.8	1,329	113
HI	...	...	...	OK	0.6	68	113
ID	5.2	615	119	OR	5.2	682	131
IL	...	...	...	PA	68.2	7,003	103
IN	...	...	...	SC	...	...	...
IA	...	...	...	SD	170.3	22,866	134
KS	1.9	222	119	TN	...	...	...
KY	10.0	1,397	140	TX	...	...	...
LA	3.0	270	89	UT	...	...	...
MI	210.3	26,095	124	VA	18.6	1,928	104
MN	...	...	...	WA	...	...	...
MS	...	...	...	WV	...	...	...
MO	...	...	...	WI	9.0	1,021	113
MT	2.8	346	124	WY	1.3	161	128
NE	1.5	165	108	US [3]	3,907.4	520,342	133

[1] Includes slaughter in federally inspected and in other slaughter plants. [2] CT, ME, MA, NH, RI, and VT. [3] Data not shown to avoid disclosing individual operations, but are included in U.S. totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-54.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1998 [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	...	...	...
AZ	1.0	99	97	N ENG [2]	22.5	2,210	98
AR	...	...	...	NJ	93.8	8,886	95
CA	...	...	...	NM	36.8	4,472	122
CO	1,288.9	185,907	144	NY	30.0	3,221	107
DE and MD	...	...	...	NC	2.1	195	94
FL	...	...	...	ND	0.8	95	126
GA	3.4	345	102	OH	10.1	1,067	106
HI	...	...	...	OK	...	...	...
ID	4.0	468	118	OR	5.9	764	130
IL	...	...	...	PA	70.4	6,966	99
IN	35.8	3,541	99	SC	...	...	...
IA	540.2	74,326	138	SD	95.2	12,736	134
KS	2.1	237	113	TN	3.1	233	76
KY	7.8	1,187	153	TX	...	...	...
LA	2.9	289	98	UT	...	...	...
MI	210.1	26,399	126	VA	17.0	1,703	100
MN	...	...	...	WA	...	...	...
MS	...	...	...	WV	...	...	...
MO	...	...	...	WI	9.2	1,062	116
MT	3.2	411	130	WY	1.4	169	123
NE	1.6	164	103	US [3]	3,803.7	502,034	132

[1] Includes slaughter in federally inspected and in other slaughter plants. [2] CT, ME, MA, NH, RI, and VT. [3] Data not shown to avoid disclosing individual operations, but are included in U.S. totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-55.—Sheep and lambs: Number slaughtered, United States, 1989–98

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*
1989	5,295	170	5,465	94	5,559	1994	4,755	183	4,938	76	5,014
1990	5,469	185	5,654	96	5,750	1995	4,388	172	4,560	69	4,629
1991	5,504	217	5,721	92	5,813	1996	4,032	152	4,184	65	4,249
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

[1] Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-56.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1989–98 [1]

Year	Federally inspected									Commercial	
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs	
	Head	Pct. of total	Avg. dressed weight	Head	Pct. of total	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight	Head	Avg. live weight
	1,000		*Pounds*	*1,000*		*Pounds*	*1,000*	*Pounds*	*Pounds*	*1,000*	*Pounds*
1989	4,961	93.7	64	334	6.3	58	5,295	63	125	5,465	124
1990	5,146	94.1	64	323	5.9	59	5,469	64	126	5,654	125
1991	5,173	94.0	64	330	6.0	58	5,504	63	125	5,721	124
1992	4,982	94.2	64	308	5.8	57	5,289	64	126	5,496	125
1993	4,708	94.1	65	293	5.9	57	5,002	64	129	5,182	127
1994	4,463	93.9	63	292	6.1	57	4,756	63	126	4,938	125
1995	4,114	93.8	63	274	6.2	58	4,388	63	127	4,560	125
1996	3,763	93.3	65	270	6.7	58	4,032	64	129	4,184	128
1997	3,558	94.3	67	213	5.7	60	3,771	67	134	3,907	133
1998	3,460	94.3	66	211	5.7	61	3,670	66	133	3,804	132

[1] All percents and weights calculated using unrounded totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-57.—Sheep and lambs: Operations with sheep, 1995–98

State	Operations with sheep			
	1995	1996	1997	1998
	Number	*Number*	*Number*	*Number*
AL	310	310	300	300
AK	40	40	40	40
AZ	400	350	350	300
CA	4,400	4,000	3,700	3,300
CO	1,300	1,600	1,600	1,700
CT	250	250	240	270
ID	1,300	1,100	1,100	1,100
IL	3,200	3,000	2,800	2,600
IN	2,700	2,400	2,400	2,200
IA	6,300	5,500	5,300	4,900
KS	1,900	1,900	1,800	1,600
KY	900	850	800	800
LA	1,000	700	500	400
ME	550	500	500	450
MD	800	800	700	700
MA	550	500	500	450
MI	2,000	1,900	1,600	1,600
MN	3,400	3,200	2,900	2,600
MO	2,600	2,300	2,100	2,000
MT	2,200	2,200	2,100	2,000
NE	1,700	1,700	1,700	1,700
NV	350	350	350	300
NH	400	450	400	400
NJ	800	800	750	750
NM	1,000	1,000	900	900
NY	1,700	1,800	1,700	1,600
NC	600	600	600	600
ND	1,200	1,100	1,200	1,150
OH	4,600	4,100	3,700	3,600
OK	1,700	1,700	1,700	1,600
OR	2,600	3,100	3,000	3,100
PA	3,000	2,900	2,800	2,600
SD	3,000	2,700	2,500	2,500
TN	800	800	800	800
TX	7,300	7,300	7,100	7,000
UT	2,000	1,900	1,700	1,500
VT	750	600	600	500
VA	1,900	1,900	1,800	1,700
WA	1,500	1,500	1,500	1,200
WV	1,600	1,400	1,300	1,100
WI	2,400	2,600	2,400	2,100
WY	1,100	1,100	1,100	1,100
Other States [1]	1,800	1,800	1,750	1,700
US	79,900	76,600	72,680	68,810

[1] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-58.—Breeding Sheep: Survey percent by size groups, United States, 1998–99 [1]

Item	1–99 head		100–499 head		500–4,999 head		5,000+ head	
	1998	1999	1998	1999	1998	1999	1998	1999
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Operations	90.8	90.6	6.8	7.3	2.3	2.0	0.1	0.1
Inventory	25.5	25.9	19.2	20.4	42.6	39.0	12.7	14.7

[1] Percents reflect distributions of end-of-year survey.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-59.—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, 1988–97

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*
1988	11,531	7.76	89,482	138.0	124,993
1989	11,314	7.89	89,220	124.0	110,537
1990	11,222	7.84	88,033	80.0	69,534
1991	11,009	7.97	87,740	55.0	47,178
1992	10,521	7.88	82,943	74.0	60,162
1993	9,976	7.77	77,535	51.0	39,077
1994	8,877	7.73	68,577	78.0	52,377
1995	8,138	7.80	63,513	1.04	64,277
1996	7,279	7.79	56,669	0.70	39,659
1997 [4]	7,032	7.70	53,889	0.84	45,172

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*
1988	89,482	47,246	1,247	72,324	24,418	142,740
1989	89,220	47,108	1,188	77,003	29,889	152,812
1990	88,033	46,481	2,736	50,328	21,355	115,428
1991	87,740	46,327	3,867	68,242	18,166	128,868
1992	82,943	43,794	3,413	65,457	23,802	129,640
1993	77,535	40,938	2,529	76,001	21,876	138,286
1994	68,577	36,209	2,863	64,889	24,645	122,880
1995	63,513	33,535	6,042	63,781	25,039	116,313
1996	56,669	29,921	5,715	54,073	21,296	99,575
1997 [4]	53,889	28,630	4,732	51,484	24,962	100,344

[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 7-60.—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 7-61.—Wool: Average price per pound, clean basis, delivered to United States mills, 1989–98 [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*
1989	370	205	472
1990	256	138	413
1991	199	109	280
1992	204	141	227
1993	137	102	194
1994	212	126	311
1995	249	170	311
1996	193	137	264
1997	238	153	300
1998	162	113	202

[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: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1988–97 [1 2 3]

Item	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
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	23.8	24.1	26.2	32.0	33.9	40.9	36.0	30.2	42.1	49.0
Coarser than 60's	20.9	21.8	24.9	26.6	25.6	26.6	26.0	27.1	27.6	21.3
Total	44.7	45.9	51.1	58.6	59.5	67.5	62.0	57.3	69.7	70.3
Worsted system:										
60's and finer	54.5	56.1	50.6	56.5	58.5	58.8	59.6	55.0	46.1	48.2
Coarser than 60's	17.9	18.5	18.9	22.1	18.1	15.1	17.0	17.0	13.8	11.9
Total	72.4	74.6	69.5	78.6	76.6	73.9	76.6	72.0	59.8	60.1
Total apparel:										
60's and finer	78.3	80.2	76.8	88.5	92.4	99.7	95.6	85.2	88.2	97.2
Coarser than 60's	38.8	40.3	43.8	48.7	43.7	41.7	43.0	44.1	41.2	33.2
Total	117.1	120.5	120.6	137.2	136.1	141.4	138.6	129.3	129.5	130.4
Carpet wool	15.6	14.1	12.1	14.3	14.7	15.4	14.7	12.7	12.3	13.6
Grand total mill	132.7	134.6	132.7	151.5	150.8	156.8	153.3	142.0	141.8	144.0

[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 7-63.—Wool: United States imports (for consumption), clean content, by grades, 1988–97 [1 2]

Grade	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
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]	65.6	68.3	44.5	57.3	58.1	70.7	59.4	56.9	50.8	48.7
48's–58's [4]	6.7	8.7	5.5	11.0	7.4	5.3	5.5	6.9	3.2	2.8
Total	72.3	77.0	50.3	68.3	65.5	76.0	64.9	63.8	54.1	51.5
Not Finer than 46's:										
Wool for special use [5]	1.5	6.2	1.9	.6	.8	13.8	13.8	8.6	3.9	0.0
Not finer than 40's [6]	4.5	4.3	6.2	7.3	7.9	1.4	1.9	3.2	3.2	0.0
Finer than 40's–44's [7]	13.5	11.5	7.5	4.5	6.8	4.7	6.6	9.4	10.1	0.0
46's [8]	4.9	7.9	5.8	5.8	8.3	2.0	2.3	3.9	4.1	0.0
Total	24.4	29.9	21.4	18.2	23.8	21.9	24.6	25.0	21.3	24.9
Miscellaneous [9]	.....	.....	.....	.....	.....	2.4	2.2	38.8	0	0
Grand total	96.7	106.9	71.7	86.5	89.3	100.3	91.7	88.8	75.4	76.4

[1] Natural fiber grown by sheep or lambs. [2] Beginning 1989 the following Harmonized Tariff Schedule numbers are in the above 7 wool import groups: 5101.19.606060, 5101.19.6060, 5101.21.4000, 5101.21.4000, 5101.29.4060, 0.5(5101.30.4000). [4] 5101.11.6030, 5101.19.6030, 5101.21.4030, 5101.29.4030, 0.5(5101.30.4000). [5] 5101.11.1000, 5101.19.1000, 5101.21.1000, 5101.29.1000. [6] 5101.11.2000, 5101.19.2000, 5101.21.1500, 5101.29.1500, 5101.30.1000. [7] 5101.11.4000, 5101.19.4000, 5101.21.3000, 5101.29.3000, 5101.30.1500. [8] 5101.11.5000, 5101.19.5000, 5101.21.3500, 5101.29.3500, 5101.30.3000. [9] 5101.21.6000, 5101.29.6000, 5101.30.6000. They include wool not carded or combed but processed beyond the scoured or carbonized condition, e.g. dyed. This wool is not identified by use or grade. In 1989 this quantity was 48,074 pounds, 1990 was 32,979 pounds, 1991 was 47,245 pounds, and 1992 was 25,728 pounds.

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

Table 7-64.—Wool: United States imports (for consumption), clean content, by country of origin, 1988–97 [1]

Country of origin	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997 [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	1.5	.....	.....	0.6	0.1	0.1	0.1	.01	.01	0
Australia	51.6	66.8	43.0	59.5	55.0	64.8	53.0	51.6	47.1	44.2
Canada	0.4	0.4	0.2	0.4	1.1	1.2	0.8	1.1	1.2	1.0
Chile	0.5	0.5	0.4	0.4	0.4	0.3	0.6	0.7	0.2	0.1
New Zealand	4.2	4.7	2.7	3.5	3.2	1.7	1.8	2.6	1.9	1.6
South Africa	.....	.....	.....	0.3	1.0	1.1	.08	0.9	0.7	1.2
United Kingdom	0.5	0.5	0.3	0.2	0.3	0.3	1.5	1.5	0.3	0.2
Uruguay	2.2	1.6	1.7	1.7	3.2	5.9	5.2	2.5	1.6	2.1
Other	1.4	2.5	2.0	1.7	1.2	0.6	1.1	2.8	2.0	1.1
Total	72.3	77.0	50.3	68.3	65.5	76.0	64.9	63.8	54.1	51.5
Not finer than 46's:										
Argentina	1.2	1.1	0.8	0.7	0.7	0.6	0.6	0.1	0.2	0.1
Australia	0.4	0.3	0.3	0.4	0.3	0.3	0.1	.....	0.4	0.1
Canada	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.6	0.1	0.6
New Zealand	19.0	25.0	16.7	14.2	17.9	15.6	18.3	17.0	15.6	18.9
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	3.2	3.1	2.4	4.2	4.7	4.8	5.7	3.5	3.7
Other	0.4	0.2	0.3	0.2	0.3	0.4	0.3	.....	1.2	0.9
Total	24.4	29.9	21.4	18.2	23.8	21.9	24.6	25.0	21.0	24.3
Grand total	96.7	106.9	71.7	86.5	89.3	100.3	91.7	88.8	75.4	75.8

[1] Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. [2] The country of origin for the 2.2 million pounds of miscellaneous imported raw wool was: New Zealand, 1.6 million; and Australia, 0.6 million.

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

Table 7-65.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1996–97

State	Sheep and lambs shorn [1]		Weight per fleece		Shorn wool production	
	1996	1997 [3]	1996	1997 [3]	1996	1997 [3]
	Thousands	*Thousands*	*Thousands*	*Pounds*	*Pounds*	*Pounds*
AL	5.0	5.0	6.0	6.0	30	30
AK	1.0	1.0	7.0	7.0	7	7
AZ	125.0	120.0	6.0	6.4	750	770
CA	640.0	580.0	7.6	7.6	4,860	4,400
CO	605.0	600.0	7.1	6.6	4,318	3,936
CT	5.4	4.8	6.5	7.5	35	36
ID	239.0	246.0	9.3	9.2	2,228	2,265
IL	85.0	82.0	6.7	6.7	570	546
IN	67.0	55.0	6.4	6.3	430	344
IA	335.0	260.0	6.0	6.0	2,000	1,550
KS	111.0	98.0	7.0	7.0	780	690
KY	15.5	13.5	6.5	6.2	100	84
LA	9.0	8.5	6.1	5.9	55	50
ME	8.0	9.0	7.0	7.6	56	68
MD	24.0	25.0	6.7	6.6	161	165
MA	9.0	8.5	7.0	7.2	63	61
MI	81.0	74.0	7.6	7.3	615	540
MN	170.0	155.0	6.6	6.5	1,120	1,010
MO	77.0	74.0	6.7	6.8	513	506
MT	434.0	402.0	9.6	9.5	4,150	3,813
NE	97.0	85.0	7.4	7.6	720	644
NV	70.0	70.0	9.6	8.9	669	620
NH	5.1	5.3	7.1	7.2	36	38
NJ	14.0	11.0	6.9	6.7	96	74
NM	305.0	280.0	9.0	9.1	2,753	2,556
NY	53.0	51.0	7.1	6.7	377	343
NC	10.6	9.7	6.7	6.4	71	62
ND	110.0	98.0	8.8	8.8	965	860
OH	133.0	116.0	6.8	6.4	910	745
OK	36.0	43.0	6.4	7.1	230	305
OR	340.0	290.0	6.6	6.5	2,245	1,880
PA	72.0	68.0	6.9	6.9	500	470
SD	420.0	390.0	8.5	8.5	3,580	3,302
TN	10.0	11.0	6.0	6.1	60	67
TX	1,320.0	1,500.0	7.5	7.3	9,900	10,950
UT	336.0	308.0	9.2	9.4	3,090	2,905
VT	14.5	10.5	7.2	7.2	105	76
VA	56.0	53.0	6.2	6.0	346	319
WA	48.0	43.0	8.9	8.7	426	375
WV	45.0	40.0	6.0	6.0	270	240
WI	63.0	67.0	7.5	7.4	470	496
WY	640.0	625.0	9.1	8.8	5,811	5,485
8 States [4]	34.7	35.7	5.7	5.8	198	206
US	7,278.8	7,031.5	7.8	7.7	56,669	53,889

See footnotes at end of table.

Table 7-65.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1996–97—Continued

State	Price per pound		Value of production [4]	
	1996	1997 [3]	1996	1997 [3]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*
AL	0.38	0.48	11	14
AK	0.90	1.00	6	7
AZ	0.61	0.58	458	447
CA	0.67	0.79	3,256	3,476
CO	0.73	0.89	3,152	3,503
CT	0.40	0.55	14	20
ID	0.62	0.74	1,381	1,676
IL	0.34	0.43	194	235
IN	0.31	0.34	133	117
IA	0.39	0.42	780	651
KS	0.51	0.58	398	400
KY	0.33	0.41	33	34
LA	0.33	0.58	18	29
ME	0.45	0.50	25	34
MD	0.49	0.68	79	112
MA	0.40	0.60	25	37
MI	0.36	0.44	221	238
MN	0.43	0.43	482	434
MO	0.36	0.45	185	228
MT	0.94	1.01	3,901	3,851
NE	0.49	0.52	353	335
NV	0.69	0.90	462	558
NH	0.60	0.65	22	25
NJ	0.78	0.55	75	41
NM	0.85	1.07	2,340	2,735
NY	0.55	0.54	207	185
NC	0.62	0.59	44	37
ND	0.70	0.76	676	654
OH	0.39	0.43	355	320
OK	0.50	0.58	115	177
OR	0.45	0.61	1,010	1,147
PA	0.49	0.53	245	249
SD	0.77	0.90	2,757	2,972
TN	0.42	0.50	25	34
TX	0.84	1.06	8,316	11,607
UT	0.65	0.75	2,009	2,179
VT	0.60	0.65	63	49
VA	0.48	0.58	166	185
WA	0.60	0.65	256	244
WV	0.51	0.61	138	146
WI	0.42	0.53	197	263
WY	0.86	0.98	4,997	5,375
8 States [4]	0.40	0.55	79	113
US	0.70	0.84	39,659	45,172

[1] Includes shearing at commercial feeding yards. [2] Production multiplied by annual average price. [3] Preliminary. [4] AR, DE, FL, GA, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-66.—Mohair: Price-support operations, United States, 1986–95

Marketing year begining January 1	Price per pound		Average payment rate per pound	Marketings covered by payments	Amount of payments [1]
	Support	Season average received by producers			
	Cents	*Cents*	*Cents*	*Million pounds*	*Million dollars*
1986	493.0	251.0	242.0	17.9	43.0
1987	495.0	263.0	232.0	16.3	36.6
1988	469.0	189.0	280.0	17.2	48.4
1989	458.8	158.0	300.8	16.9	51.4
1990	453.2	93.0	360.2	16.7	59.6
1991	444.8	128.0	316.8	16.5	52.6
1992	461.3	86.0	375.3	15.7	60.5
1993	473.8	82.0	391.8	17.4	67.9
1994	473.9	256.0	217.9	13.1	21.8
1995	465.7	184.0	281.7	12.9	18.0

[1] Payments for mohair marketed during the year shown are made after Mar. 31 of the following year and includes deductions for Mohair Council of America. Figures for 1994 and 1995 relect 25- and 50-percent reductions in payments, respectively, as required by Public Law 103-130 which also terminated price support for mohair as of December 31, 1995.

FSA, Fibers Analysis Group, (202) 720–8837.

Table 7-67.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, Texas, 1988–97

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*
1988 [3]	2,321	7.5	17,323	1.89	32,769
1989 [3]	2,467	7.0	17,255	1.61	27,198
1988 [4]	2,000	7.7	15,400	1.94	29,876
1989 [4]	2,140	7.2	15,400	1.58	24,794
1990 [4]	1,860	7.8	14,500	.95	13,775
1991 [4]	1,970	7.5	14,800	1.31	19,388
1992 [4]	2,000	7.1	14,200	.87	12,354
1993 [4]	1,900	7.1	13,490	.83	11,197
1994 [4]	1,600	7.3	11,680	2.62	30,602
1995 [4]	1,470	7.7	11,319	1.85	20,940
1996 [4]	1,070	7.0	7,490	1.95	14,606
1997 [4]	840	7.6	6,384	2.28	14,556

[1] The number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall. [2] Production multiplied by price per pound. [3] Includes Texas plus New Mexico, Oklahoma, Arizona, and Michigan. [4] Texas only.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-68.—Red meat and lard: Production, by class of slaughter, United States, 1989–98

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*
1989	22,456	519	22,975	113	23,088	15,375	382	15,757	54	15,811
1990	21,152	482	22,634	109	22,743	14,933	366	15,299	54	15,353
1991	22,340	460	22,800	117	22,917	15,588	361	15,949	51	16,000
1992	22,524	562	23,086	118	23,204	16,817	416	17,233	49	17,282
1993	22,528	414	22,942	107	23,049	16,684	345	17,029	58	17,087
1994	23,875	403	24,278	108	24,386	17,293	366	17,659	38	17,697
1995	24,691	426	25,117	107	25,224	17,467	343	17,810	38	17,848
1996	24,948	473	25,421	106	25,527	16,780	304	17,084	32	17,116
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
	Veal					Lamb and Mutton				
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1989	326	18	344	11	355	334	8	342	6	348
1990	303	13	316	11	327	348	9	357	5	362
1991	287	9	296	10	306	346	11	357	5	362
1992	291	20	311	11	322	334	15	349	5	354
1993	260	8	268	18	286	320	9	329	8	337
1994	276	7	283	10	293	297	9	306	4	310
1995	298	9	307	11	318	275	9	284	4	288
1996	355	13	368	11	379	258	7	265	4	269
1997	314	9	323	10	333	250	7	257	3	260
1998	243	8	251	10	261	242	7	249	3	252
	All meat, excluding lard					Lard				
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1989	38,491	927	39,418	184	39,602	464	.....	464	2	466
1990	36,736	870	37,606	179	38,785	(2)	(2)	(2)	(2)	(2)
1991	38,561	840	39,401	183	39,584	.....	.....	.....	.....	.....
1992	39,966	1,013	40,979	183	41,162	.....	.....	.....	.....	.....
1993	39,793	775	40,568	191	40,759	.....	.....	.....	.....	.....
1994	41,741	785	42,526	160	42,686	.....	.....	.....	.....	.....
1995	42,731	787	43,518	160	43,678	.....	.....	.....	.....	.....
1996	42,340	798	43,138	153	43,291	.....	.....	.....	.....	.....
1997	42,491	718	43,209	149	43,358	.....	.....	.....	.....	.....
1998	44,441	692	45,133	150	45,283	.....	.....	.....	.....	.....

[1] Totals are based on unrounded data. [2] 1989 estimates includes January through June only. Lard production estimates were discontinued in July 1989.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-69.—Meat: Production by types in specified countries, 1996 and 1997 [1]

Country	Beef and veal		Pork [3]		Mutton, lamb, and goat meat		Total production	
	1996	1997 [2]	1996	1997 [2]	1996	1997 [2]	1996	1997 [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	2,580	2,570	NA	NA	56	52	2,636	2,622
Australia	1,736	1,941	330	339	584	632	2,650	2,912
Austria	221	206	472	474	NA	NA	693	680
Belgium	343	332	1,044	1,029	0	0	1,387	1,361
Brazil	6,150	6,050	1,600	1,540	NA	NA	7,750	7,590
Bulgaria	90	73	270	225	60	53	420	351
Canada	998	1,074	1,228	1,257	NA	NA	2,226	2,331
China	4,946	5,400	40,375	42,500	2,400	2,600	47,721	50,500
Colombia	650	680	NA	NA	NA	NA	650	680
Costa Rica	96	86	NA	NA	NA	NA	96	86
Czech Republic	310	294	692	680	NA	NA	1,002	974
Denmark	181	175	1,526	1,640	0	0	1,707	1,815
Dominican Republic	48	47	NA	NA	NA	NA	48	47
Egypt	426	426	NA	NA	83	84	509	510
El Salvador	24	23	NA	NA	NA	NA	24	23
France	1,685	1,677	2,135	2,220	153	149	3,973	4,046
Germany	1,483	1,448	3,635	3,562	43	43	5,161	5,053
Greece	86	83	149	145	131	130	366	358
Guatemala	53	54	NA	NA	NA	NA	53	54
Hong Kong	NA	NA	183	175	NA	NA	183	175
Honduras	28	24	NA	NA	NA	NA	28	24
Hungary	NA	NA	490	485	NA	NA	490	485
India	925	1,430	NA	NA	854	852	1,779	2,282
Ireland	535	569	210	220	90	79	835	868
Italy	1,180	1,159	1,410	1,396	78	76	2,668	2,631
Japan	555	531	1,266	1,283	NA	NA	1,821	1,814
Kazakhstan, Rep	482	463	NA	NA	185	167	667	630
Korea, Rep.	236	310	865	873	NA	NA	1,101	1,183
Mexico	1,800	1,795	895	940	137	156	2,832	2,891
Netherlands	581	565	1,625	1,375	0	0	2,206	1,940
New Zealand	631	636	NA	NA	527	560	1,158	1,196
Nicaragua	49	56	NA	NA	NA	NA	49	56
Philippines	162	176	860	901	NA	NA	1,022	1,077
Poland	396	404	1,684	1,540	4	3	2,084	1,947
Portugal	100	105	324	215	26	27	450	347
Romania	170	171	425	350	70	68	665	589
Russian Federation	2,680	2,260	1,700	1,570	217	190	4,597	4,020
Saudi Arabia	18	16	NA	NA	192	221	210	237
Singapore	NA	NA	83	84	NA	NA	83	84
South Africa, Rep	525	591	NA	NA	135	138	660	729
Spain	544	592	2,315	2,401	237	245	3,096	3,238
Sweden	138	150	319	328	NA	NA	457	478
Switzerland	158	152	221	214	NA	NA	379	366
Taiwan	6	6	1,269	1,030	NA	NA	1,275	1,036
Turkey	595	590	NA	NA	375	378	970	968
Ukraine	1,186	910	790	750	36	33	2,012	1,693
United Kingdom	712	694	1,031	1,163	345	332	2,088	2,189
United States	11,749	11,714	7,764	7,835	121	118	19,634	19,667
Uruguay	410	468	NA	NA	61	64	471	532
Venezuela	322	354	NA	NA	NA	NA	322	354
Total meat	48,979	49,530	79,185	80,739	7,200	7,450	135,364	137,719

[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 7-70.—Meat: United States exports by type of product, 1988–97

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*
1988	214,530	14,083	619	54,598	2,138	1,045	4,924	268	8,439	302,087	75,084	677,815
1989	373,110	8,810	2,076	79,318	6,101	3,788	2,204	1,395	11,968	245,235	78,550	812,555
1990	339,925	7,783	2,490	66,756	5,567	4,518	4,310	1,036	14,208	2 26,623	70,558	743,774
1991	395,697	10,251	3,791	76,194	4,702	5,444	6,133	1,279	24,026	280,721	61,440	869,678
1992	436,455	12,064	3,278	116,496	8,181	7,396	5,812	2,352	22,796	303,295	57,154	975,279
1993	411,003	14,464	3,607	129,240	5,208	7,092	4,579	2,350	34,198	338,689	45,905	996,335
1994	517,507	13,545	3,766	149,318	8,477	12,076	4,470	2,973	46,925	373,663	34,734	1,167,454
1995	581,731	13,653	2,509	228,164	12,074	13,830	6,263	3,564	56,829	449,599	34,118	1,402,334
1996	596,891	14,565	2,475	267,419	9,733	15,838	7,541	5,343	92,476	469,320	42,172	1,523,773
1997 [2]	676,490	15,210	2,548	286,210	9,024	12,346	9,233	7,693	104,568	424,483	58,540	1,606,345

[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 7-71.—Meat: United States exports and imports into the United States, carcass weight equivalent, 1990–99 [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*
1990	1,006	6	238	1,250	2,356	41	898	3,295
1991	1,188	10	290	1,488	2,406	41	775	3,223
1992	1,324	8	420	1,752	2,440	50	645	3,135
1993	1,275	8	446	1,730	2,401	53	740	3,194
1994	1,611	9	549	2,169	2,369	49	743	3,161
1995	1,821	6	787	2,614	2,103	64	664	2,831
1996	1,877	6	970	2,853	2,073	73	618	2,764
1997 [4]	2,136	5	1,044	3,185	2,343	83	633	3,059
1998 [5]	2,158	5	1,232	3,395	2,611	107	695	3,413
1999 [5]	2,340	5	1,355	3,700	2,705	113	700	3,518

[1] Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to U.S. Territories are included in domestic consumption. [2] The pork series has been revised to a dressed weight equivalent rather than ''Pork, excluding lard.'' (See Footnote 1, table 7-81.) [3] Beginning in 1989 the Harmonic codes combines beef and veal. [4] Preliminary. [5] Forecast.

ERS, Market and Trade Economics Division, Animal Products Branch, (202) 694–5180. Data on imports and commercial exports are computed from records of the U.S. Department of Commerce, those on exports by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 7-72.—Meat: United States imports, products weight basis, by country of origin, 1997

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	5,515	24,825	6,705	0	0	0	0	0	0	0	7	37,052
Australia	213,123	120	4	25,523	15	0	0	0	0	6,921	397	246,103
Brazil	0	23,357	293	0	0	0	0	0	0	0	330	23,980
Canada	268,689	611	3,515	94	156,721	18,182	12,985	1,326	553	30,445	4,626	497,747
Costa Rica	12,207	0	37	0	0	1	0	0	12	116	10	12,383
Denmark	0	32	0	0	27,959	19,454	96	890	469	1,830	2,985	53,715
Domin. Repub	0	0	0	0	0	0	0	0	558	0	0	558
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	0	81	67	41	16	13	0	1,755	1,973
Guatemala	143	0	0	0	0	0	0	0	0	0	0	143
Haiti	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	5,108	0	0	0	0	0	0	0	0	47	0	5,155
Hungary	0	0	0	0	0	2,587	0	71	0	0	3	2,661
Ireland	0	0	0	0	1,879	0	252	120	0	195	0	2,446
Mexico	2,930	13	975	0	0	50	7	0	0	14	4,808	8,797
Netherlands	282	0	0	0	159	4,487	0	0	0	20	710	5,658
New Zealand	191,655	369	0	11,881	0	0	0	0	0	3,525	3,511	210,941
Nicaragua	13,419	0	0	0	0	0	0	0	0	249	0	13,668
Panama	0	0	0	0	0	0	0	0	0	0	0	0
Poland	0	4	0	0	0	4,505	0	0	0	0	27	4,536
Romania	0	0	0	0	0	0	0	0	0	0	0	0
Sweden	0	2	0	0	287	4	0	0	0	0	453	746
United Kingdom	37	0	0	0	3,345	0	0	0	0	0	160	3,542
Uruguay	19,805	1,674	485	358	3	0	0	0	0	792	182	23,299
Yugoslavia	0	0	0	0	0	0	0	0	0	0	0	
Other	91,016	0	4	0	1	7,016	0	0	0	2	1	98,040
Total [1]	641,918	51,007	12,018	37,856	190,450	56,353	13,381	2,423	1,605	44,156	19,965	1,253,143

[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 7-73.—Meat: United States imports by type of product, 1988–97

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*
1988	703,468	67,109	10,124	19,239	281,965	143,356	10,214	2,906	2,732	8,905	17,449	1,267,467
1989	638,999	56,302	13,842	20,917	226,172	118,598	10,328	2,656	2,620	11,102	23,581	1,125,117
1990	699,251	57,636	10,939	19,056	233,536	31,539	13,375	3,521	1,874	11,423	18,560	1,100,710
1991	709,997	60,511	12,929	19,100	215,935	82,339	16,948	2,144	1,533	18,266	22,979	1,162,681
1992	728,922	64,303	10,641	23,853	185,671	61,005	16,553	2,453	1,674	20,059	19,225	1,134,359
1993	720,079	59,786	14,560	24,468	207,653	75,440	17,689	2,694	1,368	25,298	18,679	1,167,714
1994	714,450	61,575	13,335	23,277	209,026	75,443	17,577	2,237	1,900	27,407	18,724	1,164,951
1995	641,918	52,012	13,528	29,919	194,387	61,904	15,571	2,553	1,935	27,728	19,550	1,061,005
1996	640,678	52,800	13,549	32,988	183,298	55,247	14,088	2,368	1,636	32,464	16,284	1,045,400
1997 [2]	641,918	51,007	12,018	37,856	190,450	56,353	13,381	2,423	1,605	44,156	19,965	1,253,143

[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 7-74.—Meat: International trade, selected countries, 1995–97 [1]

Continent and country	1995		1996		1997 [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	576	283	658	276	780	310
Costa Rica	28	0	27	0	18	0
Dominican Republic	4	0	0	0	0	0
El Salvador	0	7	0	11	0	14
Guatemala	4	0	1	1	2	2
Honduras	9	0	9	0	8	0
Mexico	6	87	15	129	31	231
Nicaragua	26	0	22	0	25	0
United States	1,186	1,284	1,294	1,253	1,445	1,388
Total [3]	1,839	1,661	2,026	1,670	2,309	1,945
South America:						
Argentina	522	7	472	11	438	13
Brazil	320	134	333	145	354	119
Colombia	2	2	2	3	2	3
Uruguay	143	.....	201	.....	268	.....
Venezuela	6	6	6	6	6	6
Total [3]	993	149	1,014	165	1,068	141
Europe:						
Austria	3	0	16	2	26	4
Belgium-Luxembourg	63	2	61	1	58	2
Denmark	432	2	445	2	536	2
France	302	39	291	45	282	47
Germany	223	150	229	137	248	133
Greece	2	14	2	14	3	15
Ireland	354	0	304	0	271	0
Italy	23	37	55	62	56	65
Netherlands	136	25	195	31	125	56
Portugal	2	17	1	6	8	7
Spain	7	28	13	41	75	34
Sweden	17	12	13	4	14	7
United Kingdom	103	294	49	276	36	283
Total EC (includes intra-trade)	1,667	620	1,674	621	1,738	655
Europe:						
Switzerland	0	10	0	17	0	29
Bulgaria	4	25	16	7	11	23
Czech Republic	25	28	3	10	46	7
Hungary	54	31	103	11	75	5
Poland	98	55	208	62	334	43
Romania	39	6	37	1	66	1
Total Eastern Europe [3]	220	145	367	91	532	79
FSU–4:.						
Kazakhstan	49	2	41	2	29	7
Russian Fed.	8	1,084	7	939	8	1,079
Ukraine	196	1	222	58	106	52
Total [4]	253	1,087	270	999	143	1,138
Africa:						
Egypt	5	123	0	115	0	147
South Africa	2	91	2	91	3	92
Total [3]	7	214	2	206	3	239

See footnotes at end of table.

Table 7-74.—Meat: International trade, selected countries, 1995–97 [1]—Continued

Continent and country	1995		1996		1997 [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	328	8	279	8	218	9
Hong Kong	13	223	14	202	22	238
India	152	0	162	0	171	0
Japan	.....	1,840	0	1,904	0	1,721
Korea, Rep. of	18	239	46	240	70	276
Philippines	0	65	0	88	0	105
Saudi Arabia	2	99	2	105	2	115
Singapore	6	52	5	46	6	50
Taiwan	381	71	388	75	70	75
Turkey	3	42	2	12	1	0
Total [3]	903	2,639	898	2,680	560	2,589
Oceania:						
Australia	1,374	10	1,291	13	1,465	12
New Zealand	864	4	985	5	964	4
Total [3]	2,238	14	2,276	18	2,429	16
Total selected countries [3]	8,120	6,539	8,527	6,467	8,782	6,831

[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 7-75.—Meats and lard: Production and consumption, United States, 1990–1999 [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*
1990	22,743	24,031	96.1	327	325	1.3	363	397	1.6
1991	22,917	24,113	95.5	306	305	1.2	363	396	1.6
1992	23,086	24,261	95.0	310	312	1.2	348	388	1.5
1993	23,049	24,006	93.0	285	286	1.1	337	381	1.5
1994	24,386	25,125	96.4	293	290	1.1	308	345	1.3
1995	25,222	25,533	97.0	319	319	1.2	287	348	1.3
1996	25,525	25,863	97.4	378	378	1.4	268	334	1.3
1997 [2]	25,490	25,609	95.6	334	333	1.2	260	333	1.2
1998 [3]	25,762	26,285	97.3	262	265	1.0	250	354	1.3
1999 [3]	25,081	25,471	93.4	253	252	0.9	226	335	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*
1990	15,354	16,031	64.1	38,787	40,784	163.2	919	468	1.9
1991	15,999	16,392	64.9	39,585	41,207	163.1	952	429	1.7
1992	17,233	17,461	68.4	40,977	42,422	166.1	1,025	425	1.7
1993	17,088	17,408	67.4	40,759	42,081	163.0	1,005	449	1.7
1994	17,696	17,811	68.3	42,683	43,571	167.2	1,034	599	2.3
1995	17,849	17,768	67.5	43,677	43,968	167.1	1,040	584	2.2
1996	17,117	16,795	63.2	43,288	43,370	163.3	998	606	2.3
1997 [2]	17,274	16,821	62.8	43,358	43,096	160.9	NA	NA	NA
1998 [3]	19,011	18,296	67.7	45,285	45,200	167.6	NA	NA	NA
1999 [3]	18,905	18,361	67.3	44,465	44,419	160.2	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 7-76.—Hides, packer: Average price per hundred pounds, Central U.S., 1989–97

Year	Steers					Heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy [1] native	Light [1] native	Branded [2]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1989	90.25	.....	83.16	79.83	75.64	93.01	90.00	85.16
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

[1] Heifers. [2] Cows.

AMS, Livestock & Grain Market News, (202) 720–7316.

Table 7-77.—Hides and skins: United States imports and exports, 1988–97

Year	Imports				Exports			
	Calf and kip	Cattle and buffalo [1]	Goat and kid	Sheep and lamb [2]	Calf	Kip [5]	Cattle and buffalo [3]	Sheep and lamb [2]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
1988	460	679	296	6,159	2,043	791	26,432	2,476
1989	167	1,636	293	6,570	6,854	NA	26,825	3,616
1990	106	1,595	419	5,628	7,007	NA	24,441	4,000
1991	168	2,146	161	3,229	3,267	NA	21,283	4,503
1992	115	2,161	189	4,507	2,893	.....	19,098	4,825
1993	105	2,360	108	3,646	2,622	.....	18,226	3,618
1994	61	2,165	50	3,250	4,566	.....	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 [4]	129	3,037	60	2,040	3,056	.....	18,991	2,782

[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 7-78.—Hides and skins: United States imports by country of origin, 1994–97

Country of origin	1994	1995	1996	1997 [1]
	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
Taiwan	0	0	0	271
Mexico	391	423	128	172
Brazil	0	8	0	58
Costa Rica	0	0	7	20
Thailand	14	12	15	13
Argentina	5	9	0	0
Other countries	99	65	51	116
Total	2,165	2,289	2,577	3,037
Calf and kip:				
Canada	38	76	172	105
Other countries	23	36	7	24
Total	61	112	179	129
Goat and kid:				
Peru	0	0	0	31
Canada	15	14	7	19
Australia	5	1	4	0
Other countries	30	42	160	10
Total	50	57	171	60
Sheep and lambs: [3]				
New Zealand	410	456	650	572
Ethiopia	415	528	246	493
Canada	293	286	320	337
United Kingdom	947	425	298	179
France	140	46	34	128
Mexico	82	117	24	66
Australia	251	591	360	54
Netherlands	36	0	18	50
Sudan	249	146	68	47
Spain	5	5	19	43
Uruguay	1	0	2	27
South Africa	191	552	116	4
Yemen	72	0	36	0
Saudi Arabia	18	18	0	0
Other countries	140	58	38	40
Total	3,250	3,228	2,229	2,040

[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 7-79.—Hides and skins: United States exports by country of destination, 1994–97

Country of destination	1994	1995	1996	1997 [1]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
Cattle and buffalo hides: [2]				
Canada	995	951	1,149	1,248
Mexico	1,545	893	2,117	2,467
Germany	1	12	31	18
Italy	288	320	522	468
Spain	134	211	184	144
Portugal	168	111	64	56
Romania	72	63	171	0
Taiwan	2,491	3,015	2,867	2,860
Korea, Rep. of	7,472	8,282	7,956	7,468
Japan	3,132	3,245	2,372	1,800
Thailand	331	780	455	323
China	665	1,372	1,677	1,578
Hong Kong	474	609	498	319
Algeria	47	20	10	0
Netherlands	8	17	3	0
Other countries	88	143	214	241
Total	17,911	20,044	20,289	18,991
Sheep and lamb skins: [3]				
Sheep:				
Mexico	118	185	52	49
Turkey	1,527	1,116	1,321	1,158
Canada	203	298	375	229
Japan	417	411	71	149
Germany	87	64	29	39
Italy	502	180	332	333
Korea	167	373	375	168
France	82	86	26	49
Other countries	583	815	416	608
Total	3,686	3,528	2,998	2,782
Calf and kip skins: [4]				
Canada	20	40	29	12
Mexico	192	83	153	165
Italy	1,138	1,154	1,548	1,180
Netherlands	242	301	165	84
Korea	2,055	2,188	165	227
Taiwan	226	37	94	128
Japan	448	849	573	521
Other countries	245	555	620	739
Total	4,566	5,207	3,347	3,056

[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 7-80.—Mink: Farms, pelts produced and value of mink pelts, United States, 1988–97

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*
1988	1,027	4,453	32.30	143.8	1993	498	2,527	34.10	86.2
1989	940	4,604	20.40	93.9	1994	458	2,525	33.00	83.3
1990	771	3,366	25.50	85.8	1995	445	2,689	53.10	142.8
1991	683	3,268	21.90	71.6	1996	415	2,659	35.30	93.9
1992	571	2,900	23.80	69.0	1997 [1]	401	2,844	33.10	94.1

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-81.—Mink pelts: Number produced by color class, major States, and United States, 1997

State	Standard	Ranch wild	Demibuff [1]	Pastel	Pale brown	Sapphire	Gunmetal	Mahogany
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
ID	45,100	34,700	*	*		25,200	9,100	57,500
IL	55,500							*
IA	59,500	700	*	*		*	19,100	6,800
MI	30,000		1,100	1,600		2,000	600	14,000
MN	106,000	73,600	*	1,600		*	52,500	65,000
NY	10,000	*	800	500		2,700	*	7,300
OH	28,600	*				*	*	24,000
OR	86,000		*	*		13,000	123,000	*
PA	*		*	*		10,800	24,200	4,200
SD	*	32,000	*	*			*	14,000
UT	311,000	*	60,000	*	*	30,000	28,000	226,000
WA	62,800	*	*				41,000	*
WI	334,000	19,500	5,100	10,700		26,000	104,600	174,300
Other States	70,200	25,800	55,300	20,300	1,000	17,800	58,700	43,800
US	1,198,700	186,300	122,300	34,700	1,000	127,500	460,800	636,900

State	Pearl	Lavender Hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
ID	*	*					189,000
IL	*				*		62,000
IA	*			*	*		122,000
MI	1,500			1,500	3,000	700	56,000
MN	*				*		310,200
NY			300	200		900	23,000
OH							70,300
OR				*			244,000
PA	*		*	900	*		70,300
SD							95,300
UT	*			*			670,000
WA							121,400
WI		*	*	*	19,500	2,800	701,400
Other States	11,800	5,600	3,100	6,900	16,900		108,900
US	13,300	5,600	3,400	9,500	39,400	4,400	2,843,800

[1] Includes crosses of Dark brown, Violet, Pastel, Standard, Pearl or others. (*) Included in total to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-82.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1989–98

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]
1989 ..	33,010	139.8	2,100	38.2	5,295	25.2	226	1.5	86,328	181.3	348	1.3
1990 ..	32,391	150.0	1,742	33.5	5,469	19.5	230	1.0	82,901	191.8	346	1.3
1991 [2]	31,911	144.6	1,460	28.0	5,488	15.6	212	1.0	84,227	196.4	293	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 [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 7-83.—Livestock: Number and value, United States, Jan. 1, 1997–99

Class of livestock and poultry	Number			Value					
				Per head [2]			Total		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Cattle	101,656	99,744	98,522	525.00	603.00	594.00	53,242,172	60,193,070	58,560,210
Hogs [3]	56,124	61,158	62,156	94.00	82.00	46.00	5,283,503	4,985,532	2,831,847
Sheep and lambs ..	8,024	7,825	7,238	96.00	102.00	88.00	761,650	797,826	640,428
Angora goats [4]	1,118	840	631	39.00	38.30	37.40	43,402	32,200	23,628
Total [5]	.....	.....	.....	.....	.....	.....	59,330,727	66,008,628	62,056,113
Chickens [3]	392,737	410,030	424,094	2.65	2.72	2.69	1,039,071	1,113,183	1,139,984
Total [6]	.....	.....	.....	.....	.....	.....	60,369,798	67,121,811	63,196,097

[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 and Economics Branch, (202) 720–6146.

Table 7-84.—Livestock: Average price per 100 pounds received by farmers, by States, 1996 and 1997

State	Cows [1]		Steers and heifers		Beef cattle [2]		Calves	
	1996	1997	1996	1997	1996	1997	1996	1997
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	28.90	34.60	46.40	67.20	41.30	57.60	49.20	79.10
AK	57.00	55.00	75.00	76.00	64.00	62.00	80.00	79.00
AZ	30.60	36.50	60.50	65.20	56.90	62.10	58.50	83.40
AR	28.30	33.70	54.00	70.10	42.10	53.90	51.40	78.80
CA	30.40	33.10	52.50	63.10	42.40	48.80	55.70	68.10
CO	32.60	37.80	63.80	67.10	61.80	65.20	60.70	86.20
CT	35.00	35.00	50.00	50.00	50.00	50.00	40.00	40.00
DE	34.50	36.40	43.70	61.40	40.10	58.90	54.10	63.50
FL	29.70	34.10	47.20	67.50	33.40	42.20	54.60	81.20
GA	28.80	33.30	46.30	66.20	34.20	44.50	49.20	78.40
HI	27.50	28.80	42.90	47.10	34.90	37.70	33.00	43.00
ID	29.80	32.60	56.90	64.90	50.10	56.80	54.60	76.40
IL	30.80	36.60	62.80	65.10	62.20	64.50	91.30	102.00
IN	33.60	37.90	63.60	64.50	53.20	55.80	51.80	75.30
IA	31.00	37.40	63.70	66.70	58.80	62.00	53.60	76.00
KS	30.70	36.20	63.10	66.30	62.20	65.50	58.90	86.40
KY	30.60	34.80	48.20	66.90	43.80	59.20	46.50	72.20
LA	28.60	34.50	47.00	69.20	34.70	45.60	49.30	76.70
ME	40.00	40.00	55.00	55.00	50.00	55.00	35.00	30.00
MD	34.50	36.40	43.70	61.40	40.10	58.90	54.10	63.50
MA	35.00	35.00	55.00	50.00	50.00	50.00	35.00	35.00
MI	31.50	35.80	54.60	60.60	49.80	50.80	51.60	54.00
MN	30.90	34.40	60.70	64.00	57.80	61.10	50.30	64.00
MS	27.60	34.50	46.10	66.50	36.80	48.00	45.80	72.50
MO	30.50	35.00	54.70	73.90	48.80	64.40	53.90	81.80
MT	33.20	36.60	59.00	77.00	53.80	64.50	62.20	84.70
NE	30.40	36.60	65.90	67.60	64.80	66.70	60.60	86.00
NV	35.10	37.40	50.00	63.70	46.30	57.10	56.10	73.00
NH	30.00	30.00	55.00	55.00	50.00	50.00	40.00	35.00
NJ	34.50	34.00	44.20	50.00	36.30	38.00	48.50	54.00
NM	35.00	40.00	52.50	72.70	45.90	59.50	52.80	67.30
NY	29.80	32.80	44.50	50.30	31.00	34.50	40.00	48.20
NC	30.50	35.50	62.10	68.20	45.40	50.70	48.10	72.80
ND	30.80	34.90	57.70	70.50	48.40	60.10	54.10	75.50
OH	29.20	33.40	59.20	63.60	56.00	60.50	46.50	65.30
OK	29.40	35.90	57.00	73.60	52.90	68.00	57.50	84.00
OR	31.50	37.40	52.30	69.20	46.00	59.60	52.70	72.50
PA	31.50	34.00	61.00	63.60	53.50	56.00	68.30	70.30
RI	35.00	30.00	55.00	55.00	50.00	50.00	40.00	35.00
SC	30.80	36.10	43.80	59.50	40.60	54.00	47.40	76.50
SD	29.50	33.00	63.70	71.60	56.40	64.70	62.60	83.70
TN	27.90	33.70	49.50	69.00	40.70	55.40	47.50	75.30
TX	27.90	34.10	61.30	67.70	58.30	65.00	54.70	86.30
UT	32.00	37.00	57.00	68.00	55.00	65.00	58.00	80.00
VT	35.00	35.00	45.00	50.00	40.00	50.00	30.00	25.00
VA	28.10	31.00	49.20	65.50	42.60	59.20	45.90	70.30
WA	31.00	34.70	57.70	69.80	53.40	65.90	56.90	81.30
WV	24.10	29.40	44.80	64.40	33.50	48.20	42.60	67.40
WI	32.30	36.10	56.80	62.90	42.80	47.40	93.70	98.00
WY	33.30	36.20	60.50	76.50	56.50	70.70	62.70	88.90
US	30.50	34.80	62.50	66.80	58.70	63.10	58.40	78.90

See footnotes at end of table.

Table 7-84.—Livestock: Average price per 100 pounds received by farmers, by States, 1996 and 1997—Continued

State	Hogs [3]		Lambs		Sheep	
	1996	1997	1996	1997	1996	1997
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	47.50	48.50	75.00	85.00	28.00	37.00
AK	52.50	57.30	90.00	95.00	55.00	60.00
AZ	52.00	49.90	87.00	92.00	35.00	45.00
AR	50.00	48.00	.....	.....	.....	.....
CA	52.00	54.70	89.40	91.60	26.70	33.80
CO	54.70	55.60	88.40	89.80	30.40	36.10
CT	47.00	47.00	115.00	115.00	40.00	40.00
DE	48.20	45.70	.....	.....	.....	.....
FL	45.10	45.20	.....	.....	.....	.....
GA	49.00	48.60	.....	.....	.....	.....
HI	81.30	80.30	.....	.....	.....	.....
ID	46.50	52.00	81.50	86.40	27.80	33.10
IL	50.50	51.10	84.00	85.00	25.00	32.20
IN	50.30	51.50	85.00	85.20	28.10	36.20
IA	53.40	54.90	87.30	87.00	27.80	35.60
KS	50.70	50.90	88.90	86.90	26.00	32.60
KY	51.40	52.60	80.00	85.00	26.00	32.00
LA	46.00	47.00	86.00	88.00	33.00	41.50
ME	47.00	47.00	110.00	120.00	45.00	45.00
MD	48.20	45.70	90.70	94.40	35.90	42.10
MA	47.00	47.00	115.00	120.00	41.00	40.00
MI	51.40	53.10	86.50	84.00	25.00	35.00
MN	53.20	54.30	85.70	90.80	25.80	33.80
MS	51.70	52.40	.....	.....	.....	.....
MO	50.40	50.90	86.50	84.00	26.30	35.90
MT	49.70	55.30	91.10	97.80	31.20	37.40
NE	53.80	55.40	88.80	90.90	28.70	35.10
NV	51.10	53.10	85.00	84.20	25.50	29.40
NH	47.00	47.00	105.00	115.00	35.00	40.00
NJ	46.80	40.00	86.70	90.00	40.00	49.00
NM	50.30	48.70	89.00	92.00	34.40	45.90
NY	43.20	45.40	89.60	100.00	30.10	40.20
NC	52.80	53.10	85.00	93.00	33.00	36.20
ND	45.30	46.30	86.70	90.70	22.90	32.20
OH	51.60	53.20	86.30	90.10	27.50	34.70
OK	50.60	50.00	87.00	90.00	34.00	38.00
OR	56.80	56.90	83.10	84.30	22.40	31.20
PA	49.50	50.50	89.40	91.50	34.50	38.90
RI	47.00	47.00	.....	.....	.....	.....
SC	48.30	49.40	.....	.....	.....	.....
SD	52.40	53.90	93.80	93.20	29.70	37.70
TN	48.90	49.60	89.10	91.00	30.00	38.00
TX	45.90	47.40	87.80	90.50	34.20	44.70
UT	54.00	58.80	85.90	87.20	23.90	32.70
VT	47.00	47.00	100.00	105.00	36.00	40.00
VA	52.20	51.60	90.50	91.00	28.50	31.20
WA	51.20	50.90	80.00	84.00	23.40	31.40
WV	43.90	47.50	81.00	79.90	22.50	26.10
WI	49.40	50.40	84.10	87.20	25.70	35.10
WY	50.10	50.60	90.20	94.30	29.40	38.70
US	51.90	52.90	82.20	90.30	29.90	37.90

[1] Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement. [2] Weighted average of prices for cows, and for steers and heifers. [3] December of preceding year through November.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 7-85.—Frozen meat: Cold storage holdings, end of month, United States, 1997 and 1998

Month	Boneless beef		Beef cuts		Total beef	
	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	265,480	292,194	24,817	38,887	290,297	331,081
February	239,857	291,292	21,839	43,656	261,696	334,948
March	268,243	288,485	22,178	41,165	290,421	329,650
April	259,405	298,459	26,043	36,991	285,448	335,450
May	254,868	275,293	23,870	34,930	278,738	310,223
June	281,549	283,117	24,018	33,377	305,567	316,494
July	274,516	267,552	28,271	35,444	302,787	302,996
August	294,138	273,895	30,419	32,854	324,557	306,749
September ..	319,679	286,074	29,406	36,989	349,085	323,063
October	318,174	320,959	33,382	37,272	351,556	358,231
November ...	346,963	290,854	31,197	37,329	378,160	328,183
December ...	318,342	267,339	31,818	29,084	350,160	296,423

Month	Picnics		Bellies		Butts	
	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	6,594	15,043	38,030	55,249	8,246	10,259
February	9,010	14,444	44,277	55,368	9,177	10,544
March	7,180	11,503	54,767	54,441	11,123	11,265
April	7,353	14,982	54,015	58,600	11,563	11,062
May	7,782	12,984	55,274	59,462	8,001	11,447
June	7,937	8,673	52,274	52,010	6,624	9,638
July	8,890	9,975	33,657	31,433	4,833	7,263
August	9,986	10,457	18,346	14,786	4,069	8,284
September ..	11,466	16,891	11,148	9,452	4,463	8,001
October	13,786	15,645	14,408	16,440	6,906	12,253
November ...	10,940	11,109	25,365	41,711	7,829	18,500
December ...	7,453	11,960	44,763	72,657	9,920	15,882

Month	Hams					
	Bone-in		Boneless		Total	
	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	25,726	35,130	21,559	35,358	47,285	70,488
February	26,796	41,013	25,862	35,439	52,658	76,452
March	26,160	35,308	29,635	43,335	55,795	78,643
April	43,204	41,915	42,549	37,858	85,753	79,773
May	54,261	52,288	46,853	39,526	101,114	91,814
June	60,505	54,583	46,250	35,781	106,755	90,364
July	65,741	61,196	47,460	44,187	113,201	105,383
August	64,394	66,988	49,091	37,577	113,485	104,565
September ..	59,928	68,350	41,349	36,180	101,277	104,530
October	50,207	57,506	38,582	41,593	88,789	99,099
November ...	32,284	44,313	29,047	32,411	61,331	76,724
December ...	25,008	30,662	21,312	33,022	46,320	63,684

Month	Loins					
	Bone-in		Boneless		Total	
	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	9,184	13,379	10,431	12,003	19,615	25,382
February	10,728	12,962	9,484	10,949	20,212	23,911
March	11,562	12,441	9,704	10,327	21,266	22,768
April	15,415	13,580	10,297	9,586	25,712	23,166
May	13,876	10,602	8,957	8,002	22,833	18,604
June	8,963	13,962	10,905	8,091	19,868	22,053
July	8,966	10,064	7,758	7,536	16,724	17,600
August	7,408	8,205	7,218	7,327	14,626	15,532
September ..	6,482	7,629	8,861	8,005	15,343	15,634
October	7,738	7,800	9,870	6,934	17,608	14,734
November ...	12,671	14,125	10,534	7,919	23,205	22,044
December ...	10,643	18,792	11,581	8,851	22,224	27,643

See end of table.

Table 7-85.—Frozen meat: Cold storage holdings, end of month, United States, 1997 and 1998—Continued

Month	Ribs		Trimmings		Other frozen pork	
	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	72,938	58,725	34,557	77,443	79,128	82,297
February	70,438	63,459	46,697	84,753	92,958	86,105
March	68,526	62,961	52,436	88,102	92,957	81,368
April	62,646	59,367	52,642	108,519	96,181	78,493
May	45,672	47,902	46,951	98,907	81,377	72,314
June	30,844	38,890	45,061	70,438	89,853	70,586
July	29,888	39,543	45,855	62,408	79,338	75,796
August	23,448	36,228	42,444	57,379	83,755	78,796
September	31,241	38,855	41,099	55,583	72,753	80,843
October	39,370	48,243	37,950	54,599	80,229	84,575
November	47,797	60,621	41,107	60,806	73,738	80,246
December	55,610	75,393	51,609	73,201	70,671	88,577

Month	Variety meats		Unclassified pork		Total pork	
	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	21,114	37,068	14,661	14,179	342,168	446,133
February	24,051	36,471	14,400	12,945	383,878	464,452
March	23,539	33,853	17,126	13,902	404,715	458,806
April	26,808	38,071	17,575	15,002	440,248	487,035
May	28,043	47,517	16,305	16,408	413,352	477,359
June	31,502	47,149	15,484	17,011	406,202	426,812
July	43,751	48,036	12,530	17,183	388,667	414,620
August	49,960	49,060	11,631	17,468	371,750	392,555
September	45,260	43,034	12,587	16,028	346,637	388,851
October	42,413	51,134	12,776	15,163	354,235	411,885
November	30,809	56,333	11,979	15,343	334,100	443,437
December	24,508	58,867	13,312	15,645	346,390	503,509

Month	Veal		Lamb & mutton		Canned hams	
	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	7,162	6,857	9,473	13,920	5,927	4,061
February	6,624	6,541	9,862	15,284	6,755	3,727
March	6,270	6,126	11,163	16,226	6,274	4,393
April	5,515	5,905	13,027	16,306	6,835	3,512
May	3,986	4,906	15,220	16,666	7,031	4,474
June	4,478	5,227	16,594	16,040	8,665	5,987
July	5,045	5,129	18,535	16,188	9,696	7,612
August	5,117	4,864	19,383	14,530	9,266	8,892
September	5,871	5,135	16,119	12,253	8,457	8,753
October	6,532	4,295	16,894	12,558	8,768	7,248
November	6,587	5,046	16,534	11,870	4,879	4,671
December	8,018	5,407	13,741	11,721	3,468	3,378

Month	Other canned meat		Total red meat	
	1997	1998	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	879	732	655,906	802,784
February	1,055	875	669,870	825,827
March	691	1,064	719,534	816,265
April	1,420	1,085	752,493	849,293
May	1,348	680	719,675	814,308
June	1,367	488	742,873	771,048
July	1,567	612	726,297	747,157
August	1,413	657	731,486	728,247
September	1,994	706	728,163	738,761
October	1,073	702	739,058	794,919
November	765	916	741,025	794,123
December	574	610	722,351	821,048

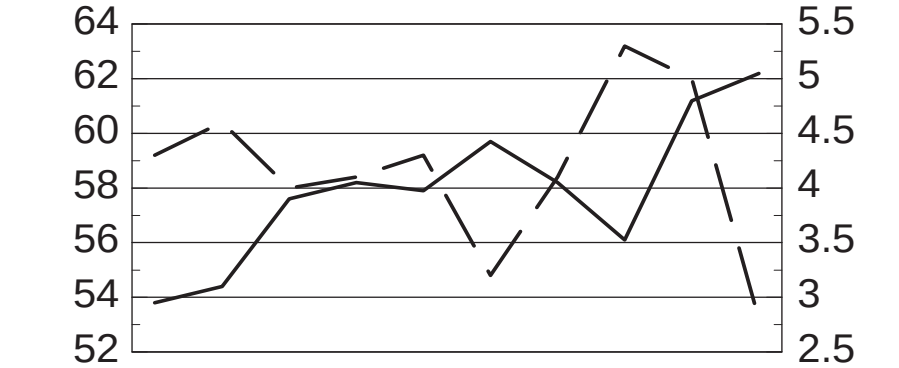
NASS, Livestock and Economics Branch, (202) 720–0585.

Cattle & Calves: Inventory & Value Jan. 1, 1990-99

Year	90	91	92	93	94	95	96	97	98	99
Value — —	59.0	63.1	61.5	64.4	66.5	63.2	52.1	53.4	60.2	58.6
Inventory —	95.8	96.4	97.6	99.2	101.0	102.8	103.5	101.7	99.7	98.5

NASS Table 7-1

Hogs & Pigs: Inventory & Value Dec. 1, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Value — —	4.3	4.6	4.0	4.1	4.3	3.2	4.1	5.3	5.0	2.8
Inventory —	53.8	54.4	57.6	58.2	57.9	59.7	58.2	56.1	61.2	62.2

NASS Table 7-26

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as ''milk cows'' is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

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, 1990–99

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	Thousands	*Thousands*
1990	10,015	4,171
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 [1]	9,143	4,060

[1] Preliminary.

NASS, Livestock and Economics 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, 1998 and 1999

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1998	1999 [1]	1998	1999 [1]		1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*		*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	28	27	11	9	NE	70	72	30	30
AK	0.9	0.9	0.3	0.3	NV	26	26	10	8
AZ	130	132	26	23	NH	20	21	8.0	10.0
AR	51	51	20	20	NJ	19	18	6	7
CA	1,400	1,440	670	710	NM	216	218	50	55
CO	84	83	45	45	NY	700	702	310	310
CT	30	28	13	12	NC	78	73	30	30
DE	10	10	2.6	2.7	ND	54	50	20	15
FL	160	157	40	40	OH	265	260	115	125
GA	96	90	32	29	OK	91	92	40	30
HI	9	9	4	4	OR	88	88	50	55
ID	280	302	135	135	PA	625	619	275	280
IL	130	125	65	60	RI	2.1	2.2	0.8	0.7
IN	135	137	60	62	SC	25	24	10	10
IA	225	220	100	120	SD	101	102	25	35
KS	79	84	40	45	TN	110	100	50	45
KY	145	135	55	55	TX	370	340	100	110
LA	66	64	16	15	UT	90	95	50	43
ME	41	43	19.0	20.0	VT	163	162	60	68
MD	86	86	29	29	VA	125	122	60	63
MA	27	24	10.0	13.0	WA	250	248	93	98
MI	300	300	140	145	WV	18	18	7	5
MN	555	545	290	290	WI	1,380	1,370	660	640
MS	46	39	19	17	WY	6	6	1	1
MO	175	165	75	75					
MT	18	18	8	10	US	9,199.0	9,143.1	3,985.7	4,059.7

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

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 1988–97

Year	All milk price cwt.	16% dairy feed price cwt [1]	Milk-feed price ratio [2]	Value per 100 pounds of grain and concentrates fed to milk cows
	Dollars	*Dollars*	*Pounds*	*Dollars*
1988	12.26	9.10	2.63	7.74
1989	13.56	9.45	2.70	8.20
1990	13.74	9.10	2.82	7.98
1991	12.27	8.80	2.74	7.73
1992	13.15	8.90	3.01	7.69
1993	12.84	9.00	2.80	7.78
1994	13.01	9.20	2.65	7.98
1995	12.78	8.70	2.59	7.88
1996	14.75	11.25	2.45	9.17
1997	13.36	10.75	2.38	([3])

[1] Annual average prior to 1995. April average price for commercially prepared 16% dairy ration. [2] Annual ratios based on average of monthly ratios. Pounds of 16 % mixed dairy feed equal in value to one pound of whole milk. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn (51 lbs), soybeans (8 lbs), and alfalfa hay (41 lbs). [3] Discontinued.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 8-4.—Milk cows: Number of operations, 1997–98, and inventory, Jan. 1, 1998–99, by selected States and United States [1]

State	Operations with milk cows [2]		January 1 milk cow inventory	
	1997	1998	1998	1999
	Number	*Number*	*1,000 head*	*1,000 head*
AL	450	380	28	27
AK	30	30	0.9	0.9
AZ	250	250	130	132
AR	1,300	1,200	51	51
CA	2,800	2,700	1,400	1,440
CO	900	900	84	83
CT	350	350	30	28
DE	130	130	10	10
FL	650	650	160	157
GA	1,000	950	96	90
HI	50	50	9	9
ID	1,400	1,300	280	302
IL	2,400	2,300	130	125
IN	3,400	3,300	135	137
IA	4,500	4,300	225	220
KS	1,500	1,400	79	84
KY	3,600	3,400	145	135
LA	900	800	66	64
ME	700	700	41	43
MD	1,100	1,100	86	86
MA	450	450	27	24
MI	4,200	4,000	300	300
MN	10,500	9,700	555	545
MS	650	600	46	39
MO	4,500	4,300	175	165
MT	750	700	18	18
NE	1,500	1,400	70	72
NV	150	150	26	26
NH	300	300	20	21
NJ	350	300	19	18
NM	600	500	216	218
NY	9,000	8,700	700	702
NC	1,200	1,100	78	73
ND	1,300	1,200	54	50
OH	6,000	5,500	265	260
OK	2,200	2,100	91	92
OR	1,100	1,000	88	88
PA	11,300	10,900	625	619
RI	40	40	2.1	2.2
SC	350	300	25	24
SD	2,000	1,800	101	102
TN	2,100	2,000	110	100
TX	3,500	3,200	370	340
UT	900	900	90	95
VT	2,000	1,900	163	162
VA	1,800	1,800	125	122
WA	1,400	1,300	250	248
WV	800	800	18	18
WI	25,000	23,000	1,380	1,370
WY	350	300	6	6
US	123,700	116,430	9,199.0	9,143.1

[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.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-5.—Milk cows: Number of operations by size group, selected States, and United States, 1997–98 [1]

State	Operations having											
	1–29 Head		30–49 Head		50–99 Head		100–199 Head		200-499 Head		500+ Head	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
AZ	130	130	.....	.....	10	10	10	10	20	20	80	80
CA	500	420	90	90	120	110	290	270	750	750	1,050	1,060
CO	610	600	40	30	50	50	70	80	80	90	50	50
FL	400	400	10	10	30	32	40	38	75	75	95	95
GA	520	500	20	20	120	100	200	190	110	110	30	30
ID	400	350	160	140	270	250	250	240	190	180	130	140
IL	530	500	500	460	1,000	960	320	330	50	50	.....	.....
IN	1,900	1,900	550	520	630	560	260	270	50	40	10	10
IA	1,300	1,200	1,200	1,200	1,500	1,400	420	390	75	105	5	5
KY	1,600	1,500	700	670	940	900	300	280	55	45	5	5
MD	220	230	180	180	425	420	220	220	49	45	6	5
MI	1,100	950	900	900	1,100	1,100	850	810	215	205	35	35
MN	1,900	1,600	3,800	3,500	3,700	3,500	850	800	230	260	20	40
MO	1,900	1,900	830	780	1,100	990	600	570	70	60	.....	.....
NM	440	350	.....	.....	10	5	10	10	20	20	120	115
NY	1,700	1,600	1,900	1,800	3,600	3,500	1,300	1,300	400	390	100	110
NC	600	530	65	60	210	200	230	220	80	75	15	15
OH	3,100	2,600	800	830	1,400	1,400	580	550	110	110	10	10
OR	590	550	40	30	140	110	200	170	100	110	30	30
PA	2,400	2,200	3,800	3,700	3,800	3,700	1,100	1,050	190	235	10	15
TN	1,000	950	260	210	440	440	300	300	90	90	10	10
TX	1,600	1,500	200	200	400	400	600	500	500	400	200	200
UT	320	340	70	60	165	165	210	190	110	120	25	25
VT	200	190	410	320	920	900	350	350	100	115	20	25
VA	770	750	90	100	440	450	390	380	100	110	10	10
WA	540	450	70	45	130	145	290	280	250	255	120	125
WI	4,600	4,300	8,500	7,300	9,400	8,900	2,000	1,950	450	490	50	60
Oth Sts	8,200	7,200	2,100	2,000	3,800	3,580	1,800	2,000	600	590	100	110
US	39,070	35,690	27,285	25,155	35,850	34,277	14,040	13,748	5,119	5,145	2,336	2,415

[1] An operation is any place having one or more head of milk cows on hand at any time during the year.
NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-6.—Milk cows: Percent of inventory by size group, selected States, and United States, 1997–98 [1]

State	Inventory on operations having											
	1–29 head		30–49 head		50–99 head		100–199 head		200–499 head		500+ head	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
AZ	0.4	0.4	.....	.....	0.5	0.5	1.5	1.4	5.6	5.7	92.0	92.0
CA	0.1	0.1	0.3	0.3	0.7	0.7	3.4	3.4	16.5	17.5	79.0	78.0
CO	1.9	1.4	1.9	1.4	4.2	4.2	11.0	12.0	28.0	30.0	53.0	51.0
FL	0.5	0.5	0.2	0.2	1.3	1.5	4.0	3.8	17.0	15.0	77.0	79.0
GA	2.1	3.0	0.9	1.0	10.0	8.0	29.0	28.0	29.0	31.0	29.0	29.0
ID	0.9	0.7	2.1	1.8	6.0	5.5	12.0	12.0	19.0	19.0	60.0	61.0
IL	4.0	4.0	12.0	11.0	46.0	46.0	28.0	29.0	10.0	10.0	.....	.....
IN	14.0	14.0	17.0	18.0	33.0	31.0	24.0	25.0	8.0	7.0	4.0	5.0
IA	8.0	8.0	18.0	18.0	40.0	38.0	23.0	22.0	9.0	12.0	2.0	2.0
KY	8.0	8.0	17.0	18.0	40.0	40.0	25.0	24.0	8.0	8.0	2.0	2.0
MD	2.5	2.5	7.5	6.9	35.0	36.0	34.0	34.0	13.0	13.0	8.0	7.6
MI	5.0	4.5	11.0	10.5	24.0	25.0	33.0	32.0	17.0	18.0	10.0	10.0
MN	6.0	5.8	24.0	22.0	40.0	40.0	17.0	16.0	11.0	12.0	2.0	4.2
MO	6.1	7.0	15.0	16.0	34.0	33.0	36.0	36.0	8.9	8.0	.....	.....
NM	0.7	0.4	.....	.....	0.4	0.2	0.7	0.7	3.2	2.7	95.0	96.0
NY	2.5	2.5	10.5	10.5	35.0	34.0	27.0	26.0	14.0	15.0	11.0	12.0
NC	1.5	1.5	2.5	2.5	17.0	17.0	38.0	37.0	27.0	27.0	14.0	15.0
OH	12.0	11.0	12.0	12.5	37.0	36.0	26.0	27.0	10.5	11.0	2.5	2.5
OR	1.2	1.0	1.8	1.3	12.0	9.7	28.0	25.0	30.0	34.0	27.0	29.0
PA	5.5	4.5	25.0	25.0	37.0	37.0	23.0	22.0	8.0	9.5	1.5	2.0
TN	2.7	3.0	7.3	6.4	28.0	28.0	36.0	37.0	21.0	20.0	5.0	5.6
TX	0.8	0.8	1.8	2.0	8.4	8.2	22.0	20.0	28.0	29.0	39.0	40.0
UT	1.3	1.5	2.7	2.5	13.0	13.0	29.0	26.0	35.0	37.0	19.0	20.0
VT	1.2	1.0	11.0	8.0	35.0	35.0	27.0	26.0	17.0	20.0	8.8	10.0
VA	5.0	6.0	3.0	3.0	27.0	26.0	39.0	38.0	21.0	22.0	5.0	5.0
WA	0.6	0.4	1.1	0.7	3.3	3.9	18.0	16.0	31.0	32.0	46.0	47.0
WI	4.5	4.8	24.0	21.0	43.0	43.0	18.0	18.0	7.7	10.0	2.8	3.2
Oth Sts	3.5	3.5	8.5	7.7	31.0	29.5	23.0	25.0	24.0	22.8	10.0	11.5
US	3.5	3.6	11.5	10.1	26.0	26.0	20.0	20.0	14.6	15.0	24.4	25.3

[1] Percents reflect average distribution of various probability surveys conducted during the year but are primarily on beginning-of-year and mid-year surveys.
NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-7.—Official National Cooperative Dairy Herd Improvement Program test plans: Numbers of herds and cows and milk, fat, and protein production, United States, 1988–97

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*
1988 ...	34,020	3,168,186	93.1	17,379	3.68	640	88	3.22	555
1989 ...	33,528	3,212,684	95.8	17,612	3.70	652	89	3.22	563
1990 ...	33,263	3,252,990	97.8	18,031	3.67	662	90	3.23	578
1991 ...	31,500	3,146,448	99.9	18,364	3.68	676	91	3.22	588
1992 ...	30,216	3,137,741	103.8	18,750	3.70	695	91	3.22	602
1993 ...	35,484	3,625,542	102.2	18,719	3.68	690	90	3.22	602
1994 ...	33,844	3,620,652	107.0	19,129	3.67	705	90	3.23	616
1995 ...	31,628	3,527,187	111.5	19,271	3.67	710	90	3.22	621
1996 ...	29,416	3,486,010	118.5	19,192	3.70	713	90	3.23	620
1997 ...	27,383	3,402,487	124.3	19,815	3.67	731	89	3.23	639

ARS, Animal Improvement Programs Laboratory, (301) 504–8334, rlaipl@lpsi.barc.usda.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, 1988–97

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*
1988	10,224	14,185	521	3.67	145,034	5,329
1989	10,046	14,323	528	3.68	143,893	5,302
1990	9,993	14,782	539	3.65	147,721	5,390
1991	9,826	15,031	550	3.66	147,697	5,405
1992	9,688	15,570	573	3.68	150,582	5,550
1993	9,581	15,722	575	3.66	150,636	5,513
1994	9,494	16,179	592	3.66	153,602	5,622
1995	9,466	16,405	601	3.66	155,292	5,684
1996	9,372	16,433	608	3.69	154,006	5,683
1997 [3]	9,252	16,871	618	3.66	156,091	5,713

[1] Average number during year, excluding heifers not yet fresh. [2] Excludes milk sucked by calves. [3] Preliminary. [4] 1993–97 preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-9.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1996

State	Number of milk cows [1]	Production of milk and milkfat [2]				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	*Pounds*	*Pounds*	*Percent*	*Million pounds*	*Million pounds*
AL	32	13,563	484	3.57	434	15.5
AK	0.8	16,875	587	3.48	13.5	0.5
AZ	121	20,446	734	3.59	2,474	88.8
AR	57	12,053	434	3.60	687	24.7
CA	1,276	20,267	742	3.66	25,861	946.5
CO	84	19,440	710	3.65	1,633	59.6
CT	30	16,633	610	3.67	499	18.3
DE	9.6	14,583	543	3.72	140	5.2
FL	156	15,391	551	3.58	2,401	86.0
GA	97	15,320	552	3.60	1,486	53.5
HI	9.4	13,723	472	3.44	129	4.4
ID	256	18,496	670	3.62	4,735	171.4
IL	154	15,162	572	3.77	2,335	88.0
IN	140	15,471	577	3.73	2,166	80.8
IA	249	15,197	567	3.73	3,784	141.1
KS	82	14,634	536	3.66	1,200	43.9
KY	153	12,157	440	3.62	1,860	67.3
LA	78	10,744	376	3.50	838	29.3
ME	40	16,200	595	3.67	648	23.8
MD	86	15,360	571	3.72	1,321	49.1
MA	27	16,296	609	3.74	440	16.5
MI	320	16,969	626	3.69	5,430	200.4
MN	598	15,786	590	3.74	9,440	353.1
MS	51	12,902	458	3.55	658	23.4
MO	179	13,659	497	3.64	2,445	89.0
MT	20	15,350	550	3.58	307	11.0
NE	69	15,217	568	3.73	1,050	39.2
NV	25	18,800	675	3.59	470	16.9
NH	19	17,053	636	3.73	324	12.1
NJ	22	13,500	495	3.67	297	10.9
NM	195	19,246	683	3.55	3,753	133.2
NY	702	16,396	607	3.70	11,510	425.9
NC	81	15,901	584	3.67	1,288	47.3
ND	62	12,968	479	3.69	804	29.7
OH	285	15,298	572	3.74	4,360	163.1
OK	97	12,938	468	3.62	1,255	45.4
OR	93	17,290	629	3.64	1,608	58.5
PA	644	16,522	613	3.71	10,640	394.7
RI	2	15,600	554	3.55	31.2	1.1
SC	26	14,654	539	3.68	381	14.0
SD	112	13,161	491	3.73	1,474	55.0
TN	116	13,940	503	3.61	1,617	58.4
TX	398	15,377	550	3.58	6,120	219.1
UT	91	17,000	617	3.63	1,547	56.2
VT	156	16,468	616	3.74	2,569	96.1
VA	126	14,325	520	3.63	1,805	65.5
WA	264	19,996	728	3.64	5,279	192.2
WV	20	12,600	470	3.73	252	9.4
WI	1,449	15,442	587	3.80	22,376	850.3
WY	6	14,050	511	3.64	84.3	3.1
US [3]	9,361	16,479	608	3.69	154,259	5,688.2

[1] Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. [2] Excludes milk sucked by calves. [3] Sum of parts may not equal due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-10.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1997 (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	31	13,484	484	3.59	418	15.0
AK	0.9	16,667	562	3.37	15.0	0.5
AZ	127	20,976	747	3.56	2,664	94.8
AR	53	12,094	427	3.53	641	22.6
CA	1,325	20,851	759	3.64	27,628	1,005.7
CO	84	19,988	720	3.60	1,679	60.4
CT	30	16,967	618	3.64	509	18.5
DE	10.1	15,149	556	3.67	153	5.6
FL	160	15,481	554	3.58	2,477	88.7
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	147	15,694	582	3.71	2,307	85.6
IN	140	15,636	577	3.69	2,189	80.8
IA	244	16,340	608	3.72	3,987	148.3
KS	81	15,864	579	3.65	1,285	46.9
KY	145	12,517	451	3.60	1,815	65.3
LA	77	10,312	358	3.47	794	27.6
ME	40	16,525	602	3.64	661	24.1
MD	86	15,488	568	3.67	1,332	48.9
MA	26	16,731	619	3.70	435	16.1
MI	306	17,680	645	3.65	5,410	197.5
MN	583	15,798	589	3.73	9,210	343.5
MS	47	13,489	479	3.55	634	22.5
MO	168	14,077	512	3.64	2,365	86.1
MT	19	15,526	550	3.54	295	10.4
NE	69	15,072	556	3.69	1,040	38.4
NV	26.0	18,346	659	3.59	477	17.1
NH	19	17,263	651	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	16,519	606	3.67	11,547	423.8
NC	76	16,566	603	3.64	1,259	45.8
ND	55	12,764	467	3.66	702	25.7
OH	280	15,768	582	3.69	4,415	162.9
OK	96	13,281	475	3.58	1,275	45.6
OR	90	17,889	653	3.65	1,610	58.8
PA	639	16,811	609	3.62	10,742	388.9
RI	2	16,000	560	3.50	32.0	1.1
SC	26	15,077	552	3.66	392	14.3
SD	105	13,181	488	3.70	1,384	51.2
TN	111	14,360	513	3.57	1,594	56.9
TX	385	14,982	536	3.58	5,768	206.5
UT	91	16,923	609	3.60	1,540	55.4
VT	157	16,567	616	3.72	2,601	96.8
VA	122	15,238	542	3.56	1,859	66.2
WA	264	20,095	731	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	13,450	488	3.63	80.7	2.9
US [3]	9,258	16,915	618	3.66	156,602	5,724.8

[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.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-11.—Milk: Quantities used and marketed by producers, by States, 1997 (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	414	...	414
AK	0.5	0.4	0.9	13.9	0.2	14.1
AZ	10	2	12	2,652	...	2,652
AR	11	7	18	623	...	623
CA	41	7	48	27,039	541	27,580
CO	38	8	46	1,590	43	1,633
CT	6	1	7	488	14	502
DE	1	...	1	152	...	152
FL	4	1	5	2,472	...	2,472
GA	12	1	13	1,465	10	1,475
HI	2.5	1.2	3.7	119.3	...	119.3
ID	35	5	40	5,153	...	5,153
IL	20	3	23	2,284	...	2,284
IN	30	10	40	2,149	...	2,149
IA	35	18	53	3,934	...	3,934
KS	13	1	14	1,271	...	1,271
KY	31	10	41	1,774	...	1,774
LA	12	3	15	779	...	779
ME	7	1	8	645	8	653
MD	7	3	10	1,322	...	1,322
MA	5	1	6	413	16	429
MI	41	4	45	5,350	15	5,365
MN	95	15	110	9,100	...	9,100
MS	3	1	4	630	...	630
MO	30	6	36	2,329	...	2,329
MT	7	4	11	284	...	284
NE	15	10	25	1,015	...	1,015
NV	5	1	6	471	...	471
NH	4	1	5	323	...	323
NJ	4	1	5	295	...	295
NM	13	6	19	3,946	46	3,992
NY	130	25	155	11,380	12	11,392
NC	12	8	20	1,239	...	1,239
ND	15	2	17	685	...	685
OH	22	8	30	4,385	...	4,385
OK	15	2	17	1,258	...	1,258
OR	25	5	30	1,515	65	1,580
PA	75	11	86	10,394	262	10,656
RI	0.4	...	0.4	31.6	...	31.6
SC	2	1	3	387	2	389
SD	12	2	14	1,370	...	1,370
TN	8	1	9	1,585	...	1,585
TX	19	2	21	5,747	...	5,747
UT	18	2	20	1,473	47	1,520
VT	25	5	30	2,565	6	2,571
VA	13	2	15	1,844	...	1,844
WA	30	1	31	5,081	193	5,274
WV	2	1	3	263	...	263
WI	200	51	251	22,117	...	22,117
WY	1.4	0.2	1.6	79.1	...	79.1
US [5]	1,166	263	1,429	153,894	1,280	155,174

[1] Excludes milk sucked by calves. [2] Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. [3] Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. [4] For states not published, sales included in milk sold to plants. [5] Sum of parts may not equal total due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-12.—Milk: Cows, yield per cow, and production in specified countries, 1995–97

Country and continent	Milk cows			Per cow yield			Milk production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997
	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	1,244	1,237	1,253	6,367	6,378	6,464	7,920	7,890	8,100
Mexico	6,440	6,440	6,500	1,149	1,178	1,208	7,399	7,586	7,850
United States	9,458	9,361	9,258	7,454	7,475	7,673	70,500	69,971	71,035
Total	17,142	17,038	17,011	.....	.....	.....	85,819	85,447	86,985
South America:.									
Argentina	2,350	2,300	2,400	3,617	3,870	3,775	8,500	8,900	9,060
Brazil	17,500	17,100	17,067	1,050	1,139	1,207	18,375	19,480	20,600
Chile	770	720	725	2,474	2,753	2,913	1,905	1,982	2,112
Peru	580	553	575	1,147	1,320	1,478	665	730	850
Venezuela	660	608	600	1,970	1,974	1,917	1,300	1,200	1,150
Total	21,860	21,281	21,367	.....	.....	.....	30,745	32,292	33,772
European Union:.									
Austria	747	698	685	4,171	4,304	4,467	3,116	3,004	3,060
Belgium-Luxembourg	720	682	657	5,063	5,397	5,571	3,645	3,681	3,660
Denmark	703	712	697	6,647	6,594	6,647	4,673	4,695	4,633
Finland	413	399	393	5,988	6,093	6,260	2,473	2,431	2,460
France	4,754	4,672	4,562	5,346	5,369	5,471	25,413	25,083	24,957
Germany	5,273	5,229	5,195	5,428	5,503	5,525	28,621	28,776	28,700
Greece	210	205	200	3,286	3,341	3,400	690	685	680
Ireland	1,269	1,267	1,272	4,456	4,481	4,421	5,655	5,677	5,623
Italy	2,167	2,100	2,100	4,845	5,143	5,151	10,500	10,800	10,818
Netherlands	1,709	1,664	1,660	6,609	6,618	6,580	11,294	11,013	10,922
Portugal	368	366	364	4,565	4,727	4,890	1,680	1,730	1,780
Spain	1,351	1,350	1,300	4,441	4,370	4,385	6,000	5,900	5,700
Sweden	482	466	473	6,728	7,122	6,983	3,243	3,319	3,303
United Kingdom	2,268	2,130	2,090	6,481	6,873	7,096	14,700	14,640	14,830
Total	22,434	21,940	21,648	.....	.....	.....	121,703	121,434	121,126
Western Europe:.									
Switzerland	759	752	742	5,186	5,128	5,212	3,936	3,856	3,867
Total	759	752	742	.....	.....	.....	3,936	3,856	3,867
Eastern Europe:.									
Poland	3,715	3,442	3,550	3,074	3,396	3,375	11,420	11,690	11,980
Romania	1,778	1,776	1,740	3,310	3,090	3,098	5,885	5,488	5,390
Total	5,493	5,218	5,290	.....	.....	.....	17,305	17,178	17,370
Former Soviet Union:.									
Russia	18,400	17,450	15,900	2,136	2,052	2,145	39,300	35,800	34,100
Ukraine	7,818	7,200	6,265	2,198	2,222	2,179	17,181	16,000	13,650
Total	26,218	24,650	22,165	.....	.....	.....	56,481	51,800	47,750
South Asia:.									
India [1]	33,000	33,500	34,500	985	1,000	1,000	32,500	33,500	34,500
Total	33,000	33,500	34,500	.....	.....	.....	32,500	33,500	34,500
Asia:.									
China	2,138	2,552	2,120	2,696	2,467	3,148	5,764	6,296	6,674
Japan	1,034	1,035	1,032	8,106	8,364	8,374	8,382	8,657	8,642
Total	3,172	3,587	3,152	.....	.....	.....	14,146	14,953	15,316
Oceania:.									
Australia [2]	1,786	1,822	1,977	4,722	4,916	4,691	8,433	8,957	9,274
New Zealand [3]	2,994	3,153	3,260	3,234	3,300	3,528	9,684	10,405	11,500
Total	4,780	4,975	5,237	.....	.....	.....	18,117	19,362	20,774
World total	134,858	132,941	131,112	.....	.....	.....	380,752	379,822	381,460

[1] Year beginning April 1 of the year shown. [2] Year ending June 30 of the year shown. [3] Year ending May 31 of the year shown.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Data from counselor/attache reports and official statistics.

Table 8-13.—Milk Production: Marketings, income, and value, by States, 1997 (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	414	100	14.80	61,272	...	...	...
AK	13.9	100	20.30	2,822	93	0.75	70
AZ	2,652	100	13.00	344,760	...	...	...
AR	623	98	14.50	90,335	...	...	...
CA	27,039	99	12.62	3,412,322	251,628	0.85	213,884
CO	1,590	100	13.00	206,700	20,000	0.82	16,400
CT	488	100	14.60	71,248	6,512	0.75	4,884
DE	152	100	13.80	20,976	...	...	...
FL	2,472	100	16.50	407,880	...	...	...
GA	1,465	100	14.70	215,355	4,651	0.76	3,535
HI	119.3	100	24.71	29,479	...	...	...
ID	5,153	96	12.30	633,819	...	...	...
IL	2,284	94	13.60	310,624	...	...	...
IN	2,149	91	13.00	279,370	...	...	...
IA	3,934	92	13.40	527,156	...	...	...
KS	1,271	97	12.80	162,688	...	...	...
KY	1,774	98	13.70	243,038	...	...	...
LA	779	100	14.30	111,397	...	...	...
ME	645	100	14.50	93,525	3,721	0.57	2,121
MD	1,322	100	13.80	182,436	...	...	...
MA	413	100	14.70	60,711	7,442	0.75	5,581
MI	5,350	99	13.60	727,600	6,977	0.65	4,535
MN	9,100	92	13.19	1,200,290	...	...	...
MS	630	100	14.40	90,720	...	...	...
MO	2,329	94	13.70	319,073	...	...	...
MT	284	100	13.20	37,488	...	...	...
NE	1,015	94	13.20	133,980	...	...	...
NV	471	100	12.00	56,520	...	...	...
NH	323	100	14.60	47,158	...	...	...
NJ	295	100	13.80	40,710	...	...	...
NM	3,946	100	12.90	509,034	21,395	0.79	16,902
NY	11,380	100	13.40	1,524,920	5,581	0.63	3,516
NC	1,239	99	15.10	187,089	...	...	...
ND	685	59	12.40	84,940	...	...	...
OH	4,385	94	13.30	583,205	...	...	...
OK	1,258	99	13.80	173,604	...	...	...
OR	1,515	99	13.20	199,980	30,233	0.60	18,140
PA	10,394	99	14.00	1,455,160	121,860	0.58	70,679
RI	31.6	100	14.50	4,582	...	...	...
SC	387	100	14.50	56,115	930	0.78	726
SD	1,370	60	13.20	180,840	...	...	...
TN	1,585	98	14.10	223,485	...	...	...
TX	5,747	100	13.70	787,339	...	...	...
UT	1,473	91	12.30	181,179	21,860	0.69	15,084
VT	2,565	100	14.30	366,795	2,791	0.70	1,953
VA	1,844	99	14.00	258,160	...	...	...
WA	5,081	100	13.20	670,692	89,767	0.64	57,451
WV	263	99	13.50	35,505	...	...	...
WI	22,117	93	13.33	2,948,196	...	...	...
WY	79.1	81	12.20	9,650	...	...	...
US	153,894	97	13.36	20,561,922	595,442	0.731	435,460

See footnotes at end of table.

Table 8-13.—Milk Production: Marketings, income, and value, by States, 1997 (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	414	14.80	4.12	61,272	1	148	61,420	61,864
AK	14.1	20.51	6.09	2,891	0.4	82	2,973	3,076
AZ	2,652	13.00	3.65	344,760	2	260	345,020	346,320
AR	623	14.50	4.11	90,335	7	1,015	91,350	92,945
CA	27,580	13.15	3.61	3,626,206	7	920	3,627,126	3,632,517
CO	1,633	13.66	3.79	223,100	8	1,093	224,193	229,385
CT	502	15.17	4.17	76,132	1	152	76,283	77,193
DE	152	13.80	3.76	20,976	.....	.....	20,976	21,114
FL	2,472	16.50	4.61	407,880	1	165	408,045	408,705
GA	1,475	14.84	4.15	218,890	1	148	219,038	220,819
HI	119.3	24.71	7.23	29,479	1.2	297	29,776	30,393
ID	5,153	12.30	3.47	633,819	5	615	634,434	638,739
IL	2,284	13.60	3.67	310,624	3	408	311,032	313,752
IN	2,149	13.00	3.52	279,370	10	1,300	280,670	284,570
IA	3,934	13.40	3.60	527,156	18	2,412	529,568	534,258
KS	1,271	12.80	3.51	162,688	1	128	162,816	164,480
KY	1,774	13.70	3.81	243,038	10	1,370	244,408	248,655
LA	779	14.30	4.12	111,397	3	429	111,826	113,542
ME	653	14.65	4.02	95,646	1	146	95,792	96,818
MD	1,322	13.80	3.76	182,436	3	414	182,850	183,816
MA	429	15.45	4.18	66,292	1	155	66,447	67,220
MI	5,365	13.65	3.74	732,135	4	546	732,681	738,276
MN	9,100	13.19	3.54	1,200,290	15	1,979	1,202,269	1,214,799
MS	630	14.40	4.06	90,720	1	144	90,864	91,296
MO	2,329	13.70	3.76	319,073	6	822	319,895	324,005
MT	284	13.20	3.73	37,488	4	528	38,016	38,940
NE	1,015	13.20	3.58	133,980	10	1,320	135,300	137,280
NV	471	12.00	3.34	56,520	1	120	56,640	57,240
NH	323	14.60	3.87	47,158	1	146	47,304	47,888
NJ	295	13.80	3.81	40,710	1	138	40,848	41,262
NM	3,992	13.17	3.76	525,936	6	790	526,727	528,440
NY	11,392	13.42	3.66	1,528,436	25	3,354	1,531,790	1,549,232
NC	1,239	15.10	4.15	187,089	8	1,208	188,297	190,109
ND	685	12.40	3.39	84,940	2	248	85,188	87,048
OH	4,385	13.30	3.60	583,205	8	1,064	584,269	587,195
OK	1,258	13.80	3.85	173,604	2	276	173,880	175,950
OR	1,580	13.81	3.78	218,120	5	690	218,810	222,261
PA	10,656	14.32	3.96	1,525,839	11	1,575	1,527,414	1,538,153
RI	31.6	14.50	4.14	4,582	0	0	4,582	4,640
SC	389	14.61	3.99	56,841	1	146	56,987	57,279
SD	1,370	13.20	3.57	180,840	2	264	181,104	182,688
TN	1,585	14.10	3.95	223,485	1	141	223,626	224,754
TX	5,747	13.70	3.83	787,339	2	274	787,613	790,216
UT	1,520	12.91	3.59	196,263	2	258	196,521	198,845
VT	2,571	14.34	3.86	368,748	5	717	369,466	373,051
VA	1,844	14.00	3.93	258,160	2	280	258,440	260,260
WA	5,274	13.81	3.79	728,143	1	138	728,281	732,423
WV	263	13.50	3.68	35,505	1	135	35,640	35,910
WI	22,117	13.33	3.54	2,948,196	51	6,798	2,954,994	2,981,654
WY	79.1	12.20	3.36	9,650	0.2	24	9,675	9,845
US	155,174	13.53	3.70	20,997,382	263	35,782	21,033,164	21,191,120

[1] Includes the equivalent amount of milk for cream sold to plants and dealers. [2] Some States not published to avoid disclosing individual operations. [3] Percentage of milk sold to plants and dealers that is eligible for fluid use. [4] Cash receipts divided by milk or milkfat in combined marketings. [5] Value at averaged returns per 100 pounds of milk in combined marketings of milk and cream. [6] Cash receipts from marketings of milk and cream plus value of milk used for home consumption. [7] Includes value of milk fed to calves.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-14.—Milk Production: Marketings, income and value, United States, 1988–97

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*
1988	141,698	12.26	17,367,694	527,581	50.0	263,972
1989	140,795	13.56	19,097,059	482,884	53.9	260,247
1990	144,772	13.74	19,889,975	443,349	56.1	248,550
1991	144,742	12.27	17,752,657	456,372	55.6	253,953
1992	147,905	13.15	19,451,103	488,465	58.2	284,498
1993	147,779	12.84	18,979,392	449,860	58.5	263,158
1994	150,907	13.01	19,631,922	491,721	61.7	303,237
1995	152,543	12.78	19,500,646	607,535	64.7	392,963
1996	151,455	14.75	22,341,528	611,256	78.5	478,772
1997 [1]	153,894	13.36	20,561,922	595,442	73.1	435,460

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	Milk utilized	Value [3]		
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	*Dollars*	*Dollars*	*1,000 dollars*	*Million pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1988	142,833	12.34	3.36	17,631,666	613	77,167	17,708,832	17,905,738
1989	141,834	13.65	3.70	19,357,306	563	78,102	19,435,407	19,640,390
1990	145,725	13.82	3.79	20,138,525	512	72,517	20,211,042	20,418,351
1991	145,723	12.36	3.38	18,006,611	494	61,972	18,068,583	18,252,108
1992	148,955	13.25	3.60	19,735,601	455	61,470	19,797,071	19,989,087
1993	148,746	12.94	3.53	19,242,550	428	56,469	19,299,020	19,483,528
1994	151,965	13.12	3.58	19,935,160	394	52,890	19,988,050	20,161,937
1995	153,849	12.93	3.53	19,893,608	346	45,332	19,938,940	20,098,996
1996	152,769	14.94	4.05	22,820,300	301	45,220	22,865,520	23,043,699
1997 [1]	155,174	13.53	3.70	20,997,382	263	35,782	21,033,164	21,191,120

[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 and Economics Branch, (202) 720–6146.

Table 8-15.—Milk: Quantities used and marketed by farmers, United States, 1988–97

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*
1988	1,589	613	2,201	141,698	1,134	142,833
1989	1,496	563	2,059	140,795	1,038	141,834
1990	1,484	512	1,996	144,772	953	145,725
1991	1,480	494	1,974	144,742	981	145,723
1992	1,436	455	1,892	147,943	1,050	148,993
1993	1,408	428	1,836	147,779	967	148,746
1994	1,305	394	1,700	150,907	1,057	151,965
1995	1,230	346	1,576	152,543	1,306	153,849
1996	1,190	301	1,490	151,455	1,314	152,769
1997 [4]	1,166	263	1,429	153,894	1,280	155,174

[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 and Economics Branch, (202) 720–6146.

Table 8-16.—Federal milk order markets: Measures of growth, 1988–97 [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*
1988	42	184,180	776	104,141	100,066	43,141	43.1
1989	41	185,919	748	100,291	95,871	43,367	45.2
1990	42	195,841	753	100,397	102,396	43,783	42.8
1991	40	198,409	722	100,267	103,252	45,033	43.6
1992	40	200,530	698	97,803	107,947	44,914	41.6
1993	38	199,604	675	92,934	103,979	44,805	43.1
1994	38	201,561	629	91,397	107,811	44,866	41.6
1995	33	207,548	571	88,717	108,548	45,004	41.5
1996	32	209,599	570	82,947	104,501	45,479	43.5
1997	31	208,369	570	78,590	105,221	44,916	42.7

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*
1988	13.42	12.14	79	71	2,627	119,261	12,419,974
1989	14.51	13.30	75	68	2,614	129,744	13,012,796
1990	15.55	13.78	77	70	2,796	142,324	14,289,567
1991	13.30	12.11	76	71	2,821	121,479	12,180,354
1992	14.57	13.12	77	73	3,017	146,452	14,323,698
1993	14.19	12.89	73	69	3,073	145,350	13,507,974
1994	14.75	13.16	75	71	3,232	156,253	14,281,193
1995	14.19	12.79	75	71	3,350	157,754	13,995,454
1996	16.19	14.64	72	69	3,442	187,713	15,570,261
1997	14.36	13.10	70	68	3,663	178,043	13,992,391

[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 1991-97 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, 1990–97

Product	1990	1991	1992	1993	1994	1995	1996	1997 [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	1,302,177	1,335,782	1,365,164	1,315,198	1,295,942	1,264,474	1,174,475	1,151,250
American cheese:								
Whole milk	2,894,221	2,768,925	2,936,561	2,957,260	2,974,420	3,131,390	3,280,733	3,285,203
Part skim	845	841	1,177	3,727	24,723	24,008	.....	.....
Swiss cheese	261,065	234,489	237,304	231,441	221,243	221,713	219,047	207,583
Muenster cheese	100,201	106,352	116,385	117,468	113,587	109,128	106,815	100,191
Brick cheese	17,337	15,298	15,476	12,488	12,222	10,426	10,647	8,535
Limburger cheese	803	715	985	863	849	868	719	746
Cream and Neufchatel cheese	430,799	446,693	516,654	539,907	573,394	543,789	574,700	614,920
Blue cheese	36,434	34,371	33,307	33,295	36,514	36,593	38,311	42,773
All Italian varieties of cheese	2,207,021	2,328,624	2,508,577	2,494,521	2,625,702	2,674,390	2,812,397	2,880,404
All other varieties of cheese	110,710	118,547	121,865	137,202	152,037	164,591	106,692	119,829
Total of all cheese	6,059,436	6,054,855	6,488,291	6,528,172	6,734,691	6,916,896	7,217,518	7,329,018
Cottage cheese:								
Curd [2]	493,452	490,909	502,411	471,364	463,283	458,918	448,327	458,460
Creamed [2]	530,636	497,928	457,340	430,518	409,954	384,889	360,413	359,525
Lowfat [2]	301,833	321,109	329,504	317,009	321,077	325,928	329,890	346,687
Sweetened condensed milk:								
Bulk goods:								
Skimmed	44,510	125,161	126,380	97,690	56,582	48,610	39,031	34,238
Unskimmed	105,371	132,579	129,704	139,211	118,800	108,949	114,933	121,826
Unsweetened condensed milk:								
Bulk goods:								
Skimmed	1,131,512	1,122,060	1,196,110	1,269,557	1,333,310	1,121,027	1,015,432	997,802
Unskimmed	144,417	150,037	162,912	99,034	84,774	93,253	100,407	93,851
Evaporated and condensed milk:								
Case goods:								
Skimmed	12,536	16,952	16,456	22,235	26,664	26,077	28,681	29,836
Unskimmed	602,647	543,094	582,115	534,507	537,881	476,656	463,613	549,129
Condensed or evaporated buttermilk	37,247	39,572	46,026	46,525	34,133	36,977	32,142	30,867
Dry buttermilk	55,851	59,928	61,077	50,988	52,307	54,761	48,777	49,308
Dry whole milk	175,129	106,778	168,322	153,830	166,786	171,317	134,351	122,091
Nonfat dry milk	879,212	877,525	872,123	954,485	1,230,855	1,232,994	1,061,771	1,217,562
Dry skim milk (animal feed)	23,221	7,216	9,948	9,802	11,187	9,560	6,279	5,291
Dry whey	1,143,259	1,167,394	1,237,283	1,196,378	1,211,787	1,147,265	1,116,514	1,136,824
	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	823,610	862,638	866,110	866,248	876,097	862,232	878,572	905,590
Ice cream, lowfat [3]	352,271	341,793	328,185	325,346	358,605	356,861	366,126	385,591
Sherbet (does not include water ices)	50,278	47,379	49,940	50,813	54,093	53,496	52,611	52,784

[1] Preliminary. [2] Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat. [3] Includes freezer-made milkshake in most States.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-18.—Dairy products: Factory production of specified items, by States, 1996–97

State	Butter		Total American cheese [2]		Total cheese [3]	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
CA	305,667	314,207	410,915	475,747	1,053,979	1,172,775
ID	...	...	388,667	427,952	432,888	471,928
IL	...	...	...	...	115,248	120,199
IA	...	...	99,106	102,481	225,189	234,252
KS	...	...	29,328	27,708	29,328	27,708
MA	...	...	...	...	934	...
MI	22,110	...	...	...	106,603	...
MN	58,575	61,070	589,545	541,837	682,058	642,013
MO	...	...	...	...	159,049	166,713
NE	...	...	...	...	110,876	96,151
NJ	...	...	...	...	...	41,828
NM	...	...	...	61,523	...	189,686
NY	27,173	24,501	88,033	93,388	583,689	616,689
ND	4,059	4,004	24,820	21,284	24,820	21,284
OH	...	...	31,875	32,576	109,576	111,542
OR	19,536	23,212	...	50,320	52,157	...
PA	79,331	61,501	...	...	340,587	342,776
SD	...	...	50,404	50,997	137,897	135,690
TN	...	31,122	10,733	...	10,838	...
UT	...	...	36,654	29,679	84,702	63,531
VT	...	...	...	...	134,031	101,880
WA	95,342	91,230	52,204	66,659	104,284	121,085
WI	294,956	303,444	965,053	944,003	2,095,946	2,119,317
Other	267,726	236,959	503,436	359,049	622,839	531,971
US	1,174,475	1,151,250	3,280,773	3,285,203	7,217,518	7,329,018

See footnotes at end of table.

Table 8-18.—Dairy products: Factory production of specified items, by States, 1996–97—Continued

State	Evaporated and sweetened condensed whole milk (case goods)		Nonfat dry milk for human food		Total ice cream	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
AK	...	...	...	...	45	35
AZ	...	...	...	...	7,429	...
CA	...	...	425,971	548,512	108,830	116,151
CO	...	...	...	...	10,262	...
FL	...	...	...	...	...	23,945
GA	...	...	...	...	...	...
ID	...	...	...	...	7,266	7,054
IL	...	...	...	...	34,406	35,482
IN	...	...	...	...	45,328	61,497
IA	...	...	58,466	58,228	...	...
KS	...	...	...	...	3,225	3,715
KY	...	...	...	...	...	4,954
MD	...	...	...	...	...	...
MI	...	...	29,396	...	29,296	27,973
MN	...	...	14,097	12,841	41,071	41,593
MO	...	...	...	...	16,401	15,096
NM	...	...	12,155	23,723	...	4,813
NY	...	...	24,155	...	32,203	33,353
NC	...	...	...	...	27,478	22,994
ND	...	...	485	386	1,005	1,126
OH	...	...	...	...	41,440	40,972
OR	...	...	...	...	10,519	10,374
PA	...	...	...	...	...	...
SC	...	...	...	...	10,639	...
TN	...	...	4,220	...	14,217	14,166
TX	...	...	...	...	47,783	53,393
UT	...	...	...	...	17,615	14,437
WA	...	...	188,137	171,648	21,523	20,670
WI	...	...	34,412	21,420	12,608	13,042
Other	...	...	270,277	380,804	337,983	338,755
US	463,613	549,129	1,061,771	1,217,562	878,572	905,590

[1] Preliminary. [2] Includes Colby, washed curd, high and low moisture Jack, and Monterey. [3] Includes full-skim American cheese; excludes cottage cheese.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-19.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1988–97

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*
1988	990.00	12.36	3.67	11.15	3.68	12.26	3.67
1989	1,030.00	13.66	3.68	12.38	3.70	13.56	3.68
1990	1,160.00	13.89	3.64	12.34	3.70	13.74	3.65
1991	1,100.00	12.30	3.65	11.05	3.71	12.27	3.66
1992	1,130.00	13.19	3.68	11.91	3.73	13.15	3.68
1993	1,160.00	12.88	3.66	11.80	3.76	12.84	3.66
1994	1,170.00	13.02	3.65	11.85	3.76	13.01	3.66
1995	1,130.00	12.80	3.65	11.79	3.75	12.78	3.66
1996	1,090.00	14.79	3.69	13.43	3.78	14.75	3.69
1997	1,120.00	13.40	3.65	12.17	3.77	13.36	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, Livestock and Economics Branch, (202) 720–3570.

Table 8-20.—Dairy products: Manufacturers' average selling price [1] of specified products, United States, 1988–97

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*
1988	76.58	48.11	113.50
1989	95.16	64.45	126.03
1990	94.29	60.03	126.29
1991	88.29	54.72	109.20
1992	102.41	56.77	116.11
1993	107.34	55.80	113.02
1994	105.96	52.54	114.18
1995	105.31	50.13	111.89
1996	117.36	60.22	128.31
1997	107.96	59.49	117.65

[1] Includes milk sold in bulk and in package.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-21.—Dairy products: Manufacturers' stocks, end of month, United States, 1996 and 1997

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	35,515	20,640	7,311	7,863	71,687	75,498
February	39,198	20,422	8,557	4,770	80,018	71,227
March	43,445	24,929	9,809	5,203	98,399	80,345
April	49,961	26,132	10,214	4,267	100,272	118,490
May	51,780	34,842	9,391	6,161	86,463	151,167
June	48,743	42,769	9,037	5,131	82,488	173,276
July	42,258	36,901	7,291	5,828	76,801	158,714
August	41,398	40,186	6,217	4,539	66,089	154,550
September	35,713	44,614	4,551	5,766	50,233	133,937
October	21,762	32,117	3,807	5,023	47,216	114,764
November	16,734	28,875	2,589	3,968	49,210	100,615
December	19,485	31,397	6,422	5,605	71,110	103,326

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-22.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1996 [1]

Federal milk order marketing area	Whole milk items [2]		Lowfat and skim milk items [3]		Total fluid milk items	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	*Percent*	*Million pounds*	*Percent*	*Million pounds*	*Percent*
NORTH ATLANTIC	4,303	3.21	5,416	1.17	9,719	2.07
New England	1,038	3.07	1,536	1.13	2,574	1.91
New York-New Jersey	2,232	3.26	2,109	1.13	4,342	2.24
Middle Atlantic	1,032	3.26	1,771	1.20	2,803	1.96
SOUTHEASTERN	4,282	3.24	5,708	1.22	9,990	2.09
Carolina	909	3.13	1,053	1.21	1,963	2.10
Tennessee Valley	254	3.23	494	1.37	748	2.00
Southeast	1,961	3.27	2,612	1.29	4,573	2.14
Upper Florida	338	3.27	537	1.16	874	1.98
Tampa Bay	343	3.31	537	1.09	880	1.96
Southeastern Florida	478	3.30	475	1.09	953	2.20
EAST NORTH CENTRAL	2,674	3.26	8,419	1.38	11,093	1.84
Michigan Upper Peninsula	12	3.30	84	1.43	96	1.67
Southern Michigan	556	3.27	1,284	1.25	1,840	1.86
Eastern Ohio-Western Pa.	463	3.23	1,284	1.43	1,747	1.91
Ohio Valley	468	3.26	1,344	1.48	1,812	1.94
Indiana	224	3.27	927	1.44	1,151	1.80
Chicago Regional	561	3.27	2,142	1.33	2,703	1.73
Central Illinois	33	3.27	170	1.47	203	1.76
S. Ill.-E. Missouri	187	3.23	702	1.40	889	1.78
Louisville-Lex.-Evans.	170	3.28	482	1.43	652	1.91
WEST NORTH CENTRAL	478	3.24	2,844	1.17	3,322	1.47
Upper Midwest	154	3.18	1,334	1.06	1,488	1.28
Eastern South Dakota	11	3.23	103	1.32	113	1.50
Black Hills [4]	5	3.33	26	1.44	32	1.75
Iowa	88	3.29	590	1.22	678	1.49
Nebraska-Western Iowa	85	3.26	393	1.26	478	1.62
Greater Kansas City	134	3.26	398	1.32	532	1.81
WEST SOUTH CENTRAL	2,050	3.30	2,451	1.31	4,501	2.22
Southwest Plains	489	3.28	744	1.36	1,232	2.12
Texas	1,562	3.31	1,707	1.29	3,269	2.25
MOUNTAIN	1,074	3.29	2,403	1.41	3,477	1.99
Eastern Colorado	193	3.28	535	1.36	727	1.87
Western Colorado	19	3.30	56	1.44	75	1.90
S.W. Idaho-E. Oreg	34	3.32	144	1.50	177	1.84
Great Basin	188	3.28	721	1.42	909	1.80
Central Arizona	270	3.27	663	1.43	933	1.97
New Mexico-West Texas	370	3.32	285	1.39	655	2.48
PACIFIC	370	3.23	1,869	1.40	2,239	1.70
Pacific Northwest	370	3.23	1,869	1.40	2,239	1.70
Combined areas	15,231	3.25	29,109	1.29	44,341	1.96

See footnotes at end of table.

Table 8-22.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1997 [1]—Continued

Federal milk order marketing area	Whole milk items [2]		Lowfat and skim milk items [3]		Total fluid milk items	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	*Percent*	*Million pounds*	*Percent*	*Million pounds*	*Percent*
NORTH ATLANTIC	4,193	3.22	5,406	1.14	9,599	2.05
New England	1,021	3.10	1,533	1.10	2,554	1.90
New York-New Jersey	2,171	3.26	2,099	1.14	4,269	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 [5]	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	2,006	3.29	2,446	1.30	4,452	2.20
Southwest Plains	471	3.28	735	1.34	1,206	2.10
Texas	1,535	3.29	1,711	1.28	3,246	2.23
MOUNTAIN	1,083	3.29	2,410	1.39	3,494	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. Oreg	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	356	3.31	293	1.38	649	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	14,982	3.24	28,966	1.27	43,949	1.94

[1] In-area sales include total sales in each of the areas by handles regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and 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 lowfat and skim milk products, and buttermilk. [4] Effective 10/1/96, the order regulating this marketing area was terminated. Data are for January-September and are included in regional and combined areas totals. [5] 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, 1988–97

Item	1988	1989	1990	1991	1992
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Milk production	145,034	143,893	147,721	147,697	150,885
Net imports of ingredients (milk equivalent)[2]	212	183	195	102	145
Net change in storage cream (milk equivalent)[3]	0	-2	·4	0	·5
Total supply	145,246	144,074	147,912	147,799	151,025
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	27,116	28,486	29,391	30,039	30,478
Milk equivalent of butter from whey cream	4,017	3,961	4,348	4,296	4,150
Net milk equivalent	23,099	24,525	25,043	25,743	26,328
Cheese:					
American	27,571	26,605	28,964	27,950	29,263
Other	16,540	16,943	18,404	18,819	20,195
Cottage cheese, creamed	857	704	672	644	592
Canned milk:					
Evaporated and sweetened condensed	1,285	1,144	1,332	1,194	1,872
Bulk condensed whole milk:					
Unsweetened	640	428	351	364	417
Sweetened	172	215	243	236	301
Dry whole milk	1,263	1,286	1,292	785	1,227
Ice cream and other frozen dairy products, total milk equivalent	15,115	14,600	14,321	14,818	14,191
Milk equivalent of butter and condensed milk used in ice cream	2,155	2,069	2,014	2,092	2,367
Net milk equivalent	12,960	12,531	12,307	12,726	11,824
Other manufactured products[4]	388	357	332	356	188
Total manufactured products	84,775	84,738	88,940	88,817	92,207
Available for use in fluid products:					
Sold by dealers	53,277	54,235	54,435	54,815	54,244
Sold by producers directly to consumers[5]	1,134	1,038	953	981	1,050
Total available for fluid products	54,411	55,273	55,388	55,796	55,294
Used on farms where produced:					
Fed to calves	1,589	1,496	1,484	1,480	1,436
Used for farm-churned butter	613	563	512	494	455
Total used on farms	2,201	2,059	1,996	1,974	1,892
Residual[6]	3,646	1,822	1,396	1,110	1,632
Total utilization	145,034	143,893	147,721	147,697	151,025

See footnotes at end of table.

Table 8-23.—Milk: Supply and utilization, United States, 1988–97—Continued

Item	1993 [1]	1994 [1]	1995 [1]	1996 [1]	1997 [1]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Milk production	150,582	153,664	155,425	154,331	156,602
Net imports of ingredients (milk equivalent) [2]	127	148	144	182	143
Net change in storage cream (milk equivalent) [3]	5	·1	1	N.A.	NA
Total supply	150,714	153,811	155,570	154,513	156,745
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	29,493	29,127	28,388	26,187	25,714
Milk equivalent of butter from whey cream	4,500	4,592	4,735	4,911	4,939
Net milk equivalent	24,993	24,535	23,653	21,276	20,775
Cheese:					
American	29,415	29,651	31,175	32,551	32,760
Other	20,456	21,492	21,414	21,386	2,240
Cottage cheese, creamed	557	524	494	461	(7)
Canned milk:					
Evaporated and sweetened condensed	1,178	1,184	1,049	1,013	1,208
Bulk condensed whole milk:					
Unsweetened	244	205	203	242	227
Sweetened	324	277	254	266	276
Dry whole milk	1,130	1,227	1,262	983	898
Ice cream and other frozen dairy products, total milk equivalent	14,058	15,265	15,094	15,248	15,856
Milk equivalent of butter and condensed milk used in ice cream	1,995	2,083	2,053	2,058	2,116
Net milk equivalent	12,063	13,182	13,041	13,190	13,740
Other manufactured products [4]	199	216	252	217	686
Total manufactured products	90,559	92,493	92,795	91,585	92,970
Available for use in fluid products:					
Sold by dealers	54,361	53,583	55,114	55,797	55,386
Sold by producers directly to consumers [5]	967	1,057	1,306	1,323	1,280
Total available for fluid products	55,328	54,640	56,420	57,120	56,666
Used on farms where produced:					
Fed to calves	1,408	1,305	1,230	1,189	1,166
Used for farm-churned butter	428	394	346	301	263
Total used on farms	1,836	1,700	1,576	1,489	1,429
Residual [6]	2,991	4,978	4,779	4,319	5,680
Total utilization	150,714	153,811	155,570	154,513	156,745

[1] Preliminary. "Milk Production, Disposition and Income-Final Estimates 1993–97" released May 21, 1999 will contain 5–year revisions. [2] Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. [3] Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage. [4] Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat. [5] Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. [6] Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates. NA-not available.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-24.—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, 1996 and 1997

Federal milk order marketing area	Class I price per hundredweight [1]		Blend price per hundredweight [1 2]		Average number of producers		Total producer deliveries	
	1997	1996	1997	1996	1997	1996	1997	1996
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Number*	*Number*	*Million Pounds*	*Million Pounds*
NORTH ATLANTIC								
New England [3]	15.03	16.88	13.74	15.32	3,896	4,019	5,452	5,383
New York-New Jersey [4]	14.92	16.75	13.47	15.10	10,300	10,855	11,772	11,721
Middle Atlantic [5]	14.81	16.73	13.40	14.97	5,000	4,990	6,481	6,092
SOUTHEASTERN								
Carolina [6]	14.87	16.70	14.34	16.15	1,574	1,633	2,798	2,623
Tenn. Valley [7 8]	14.29	16.41	13.80	15.81	1,563	1,574	1,061	1,372
Southeast [9]	14.89	16.70	14.27	15.99	4,287	3,929	5,651	5,108
Florida Markets [10]	15.68	17.46	15.05	16.87	427	476	2,909	2,777
EAST NORTH CENTRAL								
Mich. Upper Penin. [11]	13.12	15.00	12.85	14.61	81	87	66	64
Southern Mich. [12 13]	13.53	15.38	12.75	14.34	3,319	3,605	4,382	4,474
East. Ohio-W. Pa. [14]	13.79	15.63	12.94	14.64	3,474	3,691	3,318	3,282
Ohio Valley [12 15]	13.82	15.68	13.05	14.79	2,640	2,829	3,036	2,977
Indiana [12 16]	13.69	15.54	13.11	14.80	1,688	1,744	1,960	1,917
Chicago Regional [12 17]	13.17	15.04	12.25	13.64	14,472	15,424	12,799	12,523
Central Illinois [18]	13.39	15.24	13.11	14.92	207	206	186	175
S. Ill.-E. Mo. [12 19]	13.70	15.52	12.94	14.71	1,971	2,016	1,952	1,932
Louis.-Lex.-Evans.	13.93	15.71	13.52	15.21	1,597	1,368	1,189	1,042
WEST NORTH CENTRAL								
Upper Midwest [12 20]	12.98	14.86	12.16	13.50	10,804	11,820	8,612	8,402
Iowa [12 21 22]	13.56	15.19	12.54	13.95	3,143	3,119	2,732	2,695
Nebr.-W. Iowa [12 23]	13.53	15.39	12.59	13.99	1,297	1,297	1,619	1,490
G. Kans. City [24]	13.69	15.17	13.54	15.09	416	619	495	647
WEST SOUTH CENTRAL								
Southwest Plains [12 25]	14.53	16.42	13.38	14.94	2,400	2,902	3,079	3,514
Texas [12 26]	14.94	16.81	13.60	15.05	1,609	1,737	6,369	6,561
MOUNTAIN								
E. Colorado [27]	14.51	16.37	13.20	14.82	375	438	1,759	1,784
SW. Idaho-E. Oreg. [12 28]	13.27	15.14	11.89	13.57	403	407	2,220	2,622
Great Basin. [12 29]	13.67	15.54	12.71	14.33	571	608	2,360	2,540
Central Arizona [30]	14.30	16.14	13.03	14.46	103	104	2,436	2,383
New Mex.-W.Texas [12 31]	14.12	15.97	12.77	14.07	155	225	2,109	2,121
PACIFIC								
Pacific Northwest [12 32]	13.68	15.54	12.66	13.96	1,209	1,225	6,417	6,265

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, 1996 and 1997-Continued

Federal milk order marketing area	Producer Deliveries used in CL. I		Class I utilization		Daily deliveries per producer		Average fat test	
	1997	1996	1997	1996	1997	1996	1997	1996
	Million Pounds	*Million Pounds*	*Percent*	*Percent*	*Pounds*	*Pounds*	*Percent*	*Percent*
NORTH ATLANTIC								
New England [3]	2,600	2,588	47.7	48.1	3,833	3,658	3.70	3.72
New York-New Jersey [4]	4,716	4,784	40.1	40.8	3,131	2,949	3.66	3.70
Middle Atlantic [5]	2,950	2,903	45.5	47.7	3,548	3,347	3.64	3.71
SOUTHEASTERN								
Carolina [6]	2,231	2,165	79.7	82.5	4,914	4,433	3.66	3.67
Tenn. Valley [7 8]	824	1,079	77.7	78.6	2,494	2,385	3.52	3.61
Southeast [9]	4,273	4,120	75.6	80.7	3,624	3,553	3.58	3.59
Florida Markets [10]	2,460	2,440	84.6	87.8	27,340	23,091	3.57	3.59
EAST NORTH CENTRAL								
Mich. Upper Penin. [11]	51	50	77.2	78.3	2,241	2,019	3.68	3.70
Southern Mich. [12 13]	2,050	2,071	46.8	46.3	3,617	3,392	3.64	3.68
East. Ohio-W. Pa. [14]	1,731	1,754	52.2	53.5	2,617	2,430	3.71	3.75
Ohio Valley [12 15]	1,655	1,678	54.5	56.4	3,152	2,876	3.69	3.73
Indiana [12 16]	1,215	1,188	62.0	62.0	3,183	3,010	3.70	3.73
Chicago Regional [12 17]	2,747	2,554	21.5	20.4	2,390	2,190	3.75	3.78
Central Illinois [18]	148	142	79.5	81.2	2,473	2,330	3.74	3.74
S. Ill.-E. Mo. [12 19]	1,034	1,103	53.0	57.1	2,705	2,618	3.72	3.73
Louis.-Lex.-Evans.	912	811	76.7	77.9	2,072	2,084	3.62	3.63
WEST NORTH CENTRAL								
Upper Midwest [12 20]	1,609	1,647	18.7	19.6	2,699	2,521	3.74	3.75
Iowa [12 21 22]	671	973	.....	36.1	2,858	2,639	3.72	3.75
Nebr.-W. Iowa [12 23]	612	610	37.8	41.0	3,766	3,472	3.70	3.74
G. Kans. City [24]	.....	.....	.....	.....	3,207	2,919	3.69	3.70
WEST SOUTH CENTRAL								
Southwest Plains [12 25]	1,466	1,503	47.6	42.8	3,527	3,307	3.62	3.62
Texas [12 26]	3,282	3,260	51.5	49.7	10,805	10,322	3.56	3.57
MOUNTAIN								
E. Colorado [27]	813	812	46.2	45.5	13,235	11,162	3.59	3.66
SW. Idaho-E. Oreg. [12 28]	183	180	8.3	6.9	19,787	17,521	3.56	3.61
Great Basin. [29]	880	877	37.3	34.5	11,331	11,430	3.59	3.63
Central Arizona [30]	1,019	1,031	41.8	43.3	64,897	62,889	3.56	3.59
New Mex.-W.Texas [12 31]	648	681	30.7	32.1	37,289	27,749	3.53	3.56
PACIFIC								
Pacific Northwest [12 32]	2,134	2,130	33.3	34.0	14,563	14,005	3.64	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 individual handler pools, figures are the weighted average of blend prices for all handlers. For markets with base-excess plans, figures are the weighted average of base and excess prices. For markets with multiple component pricing plans, figures are the basic formula price plus the weighted average differential price. [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 1996 and 1997 handlers elected not to pool milk that normally would have been pooled under those orders. [13] Zone I, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. [14] Cleveland and Pittsburgh. [15] Zone 3 (Columbus). [16] Indianapolis. [17] Zone I (Chicago). [18] Peoria. [19] Base zone (Alton). [20] Zone I (Minneapolis). [21] Zone 1 (Des Moines). [22] 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, Eastern South Dakota, and Black Hills (through September 1996) marketing areas. Effective October 1, 1996, the Black Hills Federal milk order was terminated. Consequently, the Class I use data for the two remaining orders became confidential and could not be released. [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, 1988–97 [1]

Year	Consumption		Year	Consumption	
	Total	Per capita		Total	Per capita
	Billion pounds	*Pounds*		*Billion pounds*	*Pounds*
1988	57.3	234	1993	58.2	226
1989	58.3	236	1994	58.9	226
1990	58.2	233	1995	58.7	223
1991	58.8	233	1996	59.3	224
1992	58.8	230	1997	59.2	221

[1] Sales of beverage, cream, and specialty fluid products plus farm household use.

ERS, Animal Products Branch, (202) 694–5187.

Table 8-26.—Dairy products: Average price per pound for specified products, 1993–97

Item and market	1993	1994	1995	1996	1997
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA	0.7693	0.7068	0.8188	1.0824	1.1625
Grade A	0.7436	0.6737	0.7559	1.0035	1.0706
Butter [1] Chicago Mercantile Exchange:					
Grade AA.					
High	0.8125	0.7575	1.1000	1.5300	1.9500
Low	0.6400	0.6500	0.6500	0.7200	0.9000
Grade A					
High	0.7625	0.7100	1.0300	1.4700	1.8200
Low	0.6300	0.6300	0.6300	0.6400	0.8000
Cheese, Cheddar, f.o.b. Wisconsin Assembly Points:					
Barrels	1.2612	TFEWR	TFEWR	1.4172	1.2523
40-pound blocks	1.3152	1.3145	1.3277	1.4914	1.3240
Cheese, cheddar, [1] National Cheese Exchange, Inc.: [2]					
Barrels:					
High	1.3650	1.3725	1.3825	1.6675	1.3625
Low	1.1200	1.1650	1.1725	1.1475	1.1225
40-pound blocks:					
High	1.3925	1.3975	1.4225	1.6950	1.4350
Low	1.1600	1.1825	1.2000	1.1875	1.1500
Nonfat dry milk, f.o.b.plant, Western States Production Area: [3]					
Low/medium heat	.....	1.0460	1.0549	1.1708	1.0715
High heat	1.0740	1.0639	1.0721	1.2049	1.0979
Whey Powder, f.o.b. plant, Western States Production Area:					
Edible (nonhygroscopic)	0.1770	0.1835	0.2075	0.2202	0.2260

TFEWR:Too few to report; one or more monthly averages was not available. [1] Prices represent high and low for the year. [2] Trading on the National Cheese Exchange ended on 4/25/97. After this date, trading of Cheddar cheese occurred on the Chicage Mercantile Exchange. [3] Over this time period, the product reported in this price series has changed as follows. In 1993, all heat treatments were combined. 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, 1988–97 [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*
1988	1,144	1,102	4.5	5,886	5,810	23.7	927	857	3.5
1989	1,240	1,077	4.4	5,959	5,885	23.8	819	759	3.1
1990	1,165	1,095	4.4	6,231	6,156	24.6	828	787	3.1
1991	1,209	1,101	4.4	6,393	6,321	25.0	854	800	3.2
1992	1,464	1,114	4.4	6,720	6,642	26.0	872	820	3.2
1993	1,530	1,209	4.7	6,853	6,766	26.2	843	785	3.0
1994	1,463	1,255	4.8	7,094	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	7,364	27.7	690	611	2.3
1997	1,155	1,114	4.2	7,646	7,510	28.0	771	693	2.6

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*
1988	4,234	4,234	17.3	167	143	.58	1,106	633	2.6
1989	3,990	3,990	16.1	176	134	.54	882	526	2.1
1990	3,953	3,953	15.8	177	159	.64	767	723	2.9
1991	4,107	4,107	16.3	110	92	.36	826	656	2.6
1992	4,157	4,157	16.3	167	124	.49	1,008	719	2.8
1993	4,157	4,157	16.1	157	101	.39	946	634	2.5
1994	4,205	4,205	16.1	164	103	.40	1,191	914	3.5
1995	4,139	4,139	15.7	173	106	.40	1,280	910	3.5
1996	4,217	4,217	15.9	137	97	.36	1,081	1,005	3.8
1997	4,347	4,347	16.2	126	102	.38	1,171	906	3.4

[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) 694–5187.

Table 8-28.—Dairy products: Dec. 31 stocks, United States, 1988–97

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*
1988	214,992	397,706	45,316	12,779	53,077
1989	274,832	329,455	27,792	12,967	49,500
1990	416,518	457,977	58,818	11,193	161,931
1991	549,581	416,287	35,787	8,490	214,784
1992	454,211	470,496	44,308	9,144	81,198
1993	243,839	465,762	34,281	6,479	89,568
1994	80,181	437,256	47,014	9,220	131,201
1995	18,628	412,237	31,701	7,318	84,978
1996	13,707	487,174	19,937	6,422	71,414
1997	20,788	480,779	32,466	5,605	124,864

[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)694–5187.

Table 8-29.—Butter: Production in specified countries, 1995–97

Continent and country	1995	1996	1997 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	88	93	93
Mexico	22	22	13
United States	588	573	533
Total	698	688	639
South America:			
Argentina	43	51	52
Brazil	60	65	70
Total	103	116	122
Europe:			
Austria	42	42	42
Belgium and Luxembourg	73	91	87
Denmark	59	54	56
Finland	54	53	54
France	444	453	462
Germany	461	486	480
Greece	6	6	5
Ireland	136	150	150
Italy	77	81	81
Netherlands	159	132	127
Portugal	17	19	21
Spain	19	25	23
Sweden	32	28	30
United Kingdom	154	130	130
Total	1,733	1,750	1,748
Other Europe:			
Switzerland	41	42	40
Total	41	42	40
Eastern Europe:			
Poland	160	163	160
Romania	13	16	13
Total	173	179	173
Former USSR:			
Russia	488	419	290
Ukraine	254	219	163
Total	742	638	453
North Africa:			
Egypt	7	6	7
Total	7	6	7
Southeast Asia:			
India [2]	1,200	1,300	1,400
Total	1,200	1,300	1,400
Asia:			
Japan	80	80	86
Total	80	80	86
Oceania:			
Australia [3]	147	138	153
New Zealand [4]	297	280	309
Total	444	418	462
Grand total	5,221	5,217	5,130

[1] Preliminary. [2] Year ending April 1 of the year shown. [3] Year ending June 30 of the year shown. [4] Year ending May 31 of the year shown.

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, 1988–97

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*
1988	988	23,306	5,438	85,833	114,577	1,020	73,676
1989	1,196	26,495	5,737	94,369	126,601	2,038	81,794
1990	810	30,563	8,970	97,553	137,086	1,464	85,119
1991	1,339	27,556	8,726	100,211	136,493	1,374	85,576
1992	1,238	24,466	8,186	97,013	129,665	947	91,340
1993	1,268	29,265	9,130	107,346	145,741	1,706	77,411
1994	1,593	29,554	7,802	119,349	156,705	1,245	89,185
1995	1,128	26,879	9,472	118,045	154,396	697	90,392
1996	3,968	28,608	12,393	112,269	153,270	4,783	94,647
1997 [6]	6,080	24,778	11,566	105,141	141,485	10,956	90,986

[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, 1995–97

Continent and country	1995	1996	1997 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	277	289	329
Mexico	116	110	112
United States	3138	3274	3345
Total	3,531	3,673	3,786
South America:			
Argentina	370	390	415
Brazil	360	385	405
Venezuela	76	77	70
Total	806	852	890
EU:			
Austria	79	81	87
Belgium and Luxembourg	54	64	73
Denmark	311	298	290
Finland	83	83	79
France	1,579	1,594	1,645
Germany	875	947	988
Greece	200	195	190
Ireland	80	92	89
Italy	942	950	985
Netherlands	680	688	693
Portugal	70	71	72
Spain	165	160	162
Sweden	128	127	115
United Kingdom	354	364	374
Total EU	5,600	5,714	5,842
Other Western Europe:			
Switzerland	131	133	136
Total	131	133	136
Eastern Europe:			
Poland	123	133	158
Romania	90	92	95
Total	213	225	253
Former USSR:			
Russia	217	173	165
Ukraine	72	60	45
Total	289	233	210
North Africa:			
Egypt	310	325	370
Total	310	325	370
Asia:			
Japan	31	33	34
Total	31	33	34
Oceania:			
Australia [2]	241	268	285
New Zealand [3]	197	230	240
Total	438	498	525
World total	11,349	11,686	12,046

[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, 1995–97

Commodity and country of origin	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cheese, all types:			
Canada	5,020	4,938	4,720
Argentina	4,895	2,322	6,027
Austria	4,345	2,997	1,311
Belgium and Luxembourg	806	811	1,062
Denmark	13,272	13,430	11,067
Finland	6,760	6,412	5,507
France	10,589	11,183	13,743
Germany, Fed. Rep. of	1,902	6,564	5,824
Ireland	2,129	3,648	2,526
Italy	28,734	27,581	25,673
Netherlands	9,613	9,578	7,911
Norway	7,095	6,561	7,323
Portugal	568	575	620
Sweden	887	445	529
Switzerland	8,967	5,795	5,801
United Kingdom	4,757	9,207	2,740
Israel	1,239	1,166	663
Czech Republic	56	140	68
Hungary	1,236	447	310
Poland	8,497	4,667	2,693
Australia	6,585	5,799	6,364
New Zealand	17,421	18,857	19,744
Other countries	9,023	10,147	9,259
Total	154,396	153,270	141,485
Cheese, cheddar [2]:			
Canada	828	1,112	1,112
Denmark	142	112	10
Ireland	150	154	129
United Kingdom	165	540	246
Australia	1,879	2,468	2,142
New Zealand	5,880	7,652	7,638
Other countries	428	355	289
Total	9,472	12,393	11,566
Cheese, Swiss [3]:			
Canada	272	1113	321
Austria	2,159	1,807	758
Denmark	2,425	1,946	1,545
Finland	6,114	6,297	5,450
France	891	1,105	1,147
Germany, Fed. Rep. of	289	4,625	3,235
Netherlands	174	95	203
Norway	6,820	6,345	6,828
Switzerland	5,727	3,077	3,518
Other countries	2,008	2,198	1,773
Total	26,879	28,608	24,778

[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, 1995–97 [1]

Commodity and country	1995	1996	1997 [2]
	Metric tons	*Metric tons*	*Metric tons*
Butter:			
United States	64	19	18
Belgium/Luxembourg	34	18	20
Denmark	20	21	21
France	19	46	34
Germany, Fed. Rep of	26	12	25
Ireland	9	24	25
Netherlands	46	30	34
Poland	10	11	3
Australia [3]	85	75	111
New Zealand [4]	234	230	315
Other	124	155	147
Total	671	641	753
Cheese [5]:			
United States	29	32	37
Denmark	115	85	84
France	105	112	96
Germany, Fed. Rep . of	95	113	135
Italy	37	42	45
Netherlands	111	101	87
Switzerland	64	57	61
Australia [3]	111	111	125
New Zealand [4]	130	173	236
Other	172	115	104
Total	969	941	1,010

Commodity and country	1995	1996	1997 [2]
	Metric tons	*Metric tons*	*Metric tons*
Milk, dried whole:			
United States	29	18	10
Argentina	58	55	62
Belgium/Luxembourg	131	60	26
Denmark	90	82	85
France	73	122	138
Ireland	25	25	14
Netherlands	224	177	153
United Kingdom	50	56	53
Australia [3]	93	93	109
New Zealand [4]	318	275	346
Other	36	42	66
Total	1,127	1,005	1,062
Milk, nonfat dry milk:			
Canada	44	35	30
United States	164	32	117
Belgium/Luxembourg	112	58	42
France	23	37	39
Germany, Fed. Rep. of	73	43	47
Ireland	46	34	50
Netherlands	86	26	47
Poland	98	77	112
Australia [3]	188	167	205
New Zealand [4]	167	150	215
Other	107	108	140
Total	1,108	767	1,044

[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, 1988–97

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*
1988	6,804	13,602	3,478	8,394	218,356	NA
1989	27,142	10,111	13,778	39,976	117,120	7,059
1990	52,449	11,885	3,934	5,113	7,722	12,698
1991	16,148	12,110	3,302	8,561	43,501	21,813
1992	66,896	15,206	8,800	28,203	74,577	32,583
1993	92,300	16,346	10,734	37,576	75,708	30,865
1994	45,487	22,499	19,595	29,230	49,045	36,320
1995	37,689	29,519	41,378	64,297	59,311	37,827
1996	20,795	32,428	39,580	16,181	18,422	39,765
1997 [1]	15,025	37,436	9,344	48,609	62,070	36,767

[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, 1995–97

Commodity and country of destination	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cheese, all types:			
Algeria	1,952	0	811
Australia	58	251	196
Bahamas	126	96	341
Bermuda	238	234	309
Belize	60	40	46
Canada	3,106	3,467	4,057
Cayman Island	32	14	87
Colombia	208	284	288
Dominican Rep	304	378	491
Egypt	185	111	103
Guatemala	384	40	440
Haiti	62	93	138
Hong Kong	366	310	468
Indonesia	11	17	126
Jamaica	169	278	290
Japan	5,045	6,784	6,002
Korea	3,035	4,069	4,819
Leeward-Windward Is	22	22	43
Mexico	4,636	4,726	5,586
Netherlands	32	142	818
Netherland Antilles	151	145	83
Panama	131	105	142
Philippines	152	421	762
Saudi Arabia	804	817	794
Singapore	236	290	384
South Africa	84	74	59
Taiwan	274	297	274
Trinidad and Tobago	124	112	203
Venezuela	278	366	645
Other countries	7,254	8,445	8,631
Total	29,519	32,428	37,436
Butter:			
Bahamas	137	117	117
Canada	311	427	427
Dominican Rep	140	79	79
Mexico	1,973	948	948
Mongolia	0	0	0
Poland	0	0	0
Russia	12,971	6,066	6,066
Byelarus	0	0	0
Armenia, Rep. of	0	0	0
Albania	0	0	0
Romania	0	0	0
Other countries	22,157	13,158	7,388
Total	37,689	20,795	15,025

Commodity and country of destination	1995	1996	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*
Milk, nonfat dry:			
Algeria	34,912	2,167	5,553
Brazil	1,064	157	872
Colombia	19	306	1,731
Chile	981	7	764
Egypt	793	973	4,346
El Salvador	448	38	421
Ecuador	0	60	393
Guatemala	178	52	100
Indonesia	419	34	6,131
Hong Kong	786	83	191
Jamaica	0	2	1,386
Mexico	13,359	5,442	1,850
Peru	930	543	1,112
Philippines	624	1,865	6,811
Taiwan	345	100	447
South Africa	17	0	49
Other Countries	4,436	6,593	29,913
Total	59,311	18,422	62,070
Infants dietary supplements, dry milk base:			
Canada	1,592	5,460	6,793
Dominican Republic	59	165	161
Bermuda	9	3	69
Bahamas	111	118	114
Haiti	101	67	136
Mexico	252	827	2,050
Panama	67	58	60
Jordan	195	198	190
Russia	26	248	203
Taiwan	6,002	4,483	10,485
Hong Kong	2,690	7,460	4,809
Malaysia	106	158	634
France	0	3	0
Spain	1	5	7
Singapore	126	203	424
Trinidad & Tobago	108	166	202
Australia	17	24	78
Costa Rica	31	51	80
Bulgaria	0	0	0
Thailand	27	199	738
Other countries	1,213	2,499	5,660
Total	12,733	22,395	32,893

[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, 1989–98

Marketing year [1]	Manufacturing milk		Product purchase price per pound [2]		
	Support level				
	At national average milkfat test, per cwt.	Average price received by farmers per cwt.	Butter [3]	Cheddar cheese [4]	Nonfat milk, spray process [5]
	Dollars	*Dollars*	*Cents*	*Cents*	*Cents*
1988–89	(6) 11.10	.....	132.00	(6) 120.25	(6) 79.00
	(7) 10.60	11.93	(7) 120.50	(7) 115.50	79.00
	10.60	.....	120.50	115.50	79.00
1989–90	(8) 10.10	13.28	(8) 109.25	(8) 111.00	79.00
	.....	.....	(9) 98.25	111.00	(9) 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
	.....	.....	(10) 87.25	(10) 111.37	(10) 91.20
	.....	.....	(11) 76.25	(11) 611.75	(11) 97.30
1992–93	10.10	11.60	76.25	111.75	97.30
	.....	.....	(12) 65.00	(12) 112.00	(12) 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
	(13) 10.35	(14) 13.50	65.00	(13) 114.50	(13) 106.50
1996–97	10.35	.....	65.00	114.50	106.50
	(15) 10.20	11.88	65.00	(14) 113.00	(14) 104.70
1997–98	10.20	.....	65.00	113.00	104.70
	(16) 10.05	13.28	65.00	(16) 111.50	(16) 102.80

[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, 1989–98 [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*
1989	118,839	153,230	35,769	43,415	5,988	357,241	2.16	772,798
1990	119,551	153,916	34,222	38,945	6,545	353,179	2.29	807,572
1991	117,178	162,943	34,272	42,344	6,857	363,594	2.30	834,656
1992	121,103	163,397	34,710	45,160	7,113	371,483	2.26	838,200
1993	131,688	158,938	33,833	47,941	7,240	379,640	2.37	898,059
1994	135,093	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 [2]	150,778	169,916	39,664	56,054	7,682	424,094	2.69	1,139,984

[1] Does not include commercial broilers. [2] Preliminary.

NASS Livestock and Economics Branch, (202) 720-6146.

Table 8-38.—Chickens: Layers, by State and United States, Dec. 1, 1997–98

State	Layers					
	Layers 1 year ould and older		Layers 20 weeks old but less than 1 year		Total	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	4,292	4,761	6,200	6,346	10,492	11,107
AR	6,070	5,010	8,351	9,722	14,421	14,732
CA	15,270	14,350	11,010	11,558	26,280	25,908
CO	1,910	2,250	1,760	1,487	3,670	3,737
CT	1,141	1,227	2,318	1,863	3,459	3,090
DE	150	207	250	177	400	384
FL	6,216	6,179	4,522	4,544	10,738	10,723
GA	6,680	8,410	13,840	13,139	20,520	21,549
HI	465	408	263	199	728	607
ID	546	615	385	312	931	927
IL	1,534	1,880	1,929	1,049	3,463	2,929
IN	10,238	11,324	12,076	10,876	22,314	22,200
IA	11,655	11,903	10,130	13,232	21,785	25,135
KS	505	1,052	843	547	1,348	1,599
KY	1,450	1,550	1,650	2,200	3,100	3,750
LA	940	670	963	1,322	1,903	1,992
ME	2,256	2,511	2,523	2,710	4,779	5,221
MD	1,518	1,517	1,644	2,131	3,162	3,648
MA	72	183	473	259	545	442
MI	2,343	3,310	2,817	2,441	5,160	5,751
MN	6,740	5,400	5,215	6,840	11,955	12,240
MS	2,487	2,211	4,424	4,808	6,911	7,019
MO	3,490	4,295	3,605	2,395	7,095	6,690
MT	35	50	255	240	290	290
NE	6,011	6,046	3,979	4,567	9,990	10,613
NH	53	42	106	87	159	129
NJ	931	1,113	1,023	756	1,954	1,869
NM	636	692	536	384	1,172	1,076
NY	1,070	1,530	2,400	2,080	3,470	3,610
NC	4,307	4,126	7,306	7,325	11,613	11,451
ND	100	100	140	130	240	230
OH	10,863	13,977	16,195	14,530	27,058	28,507
OK	1,909	1,620	2,166	2,420	4,075	4,040
OR	1,800	1,755	1,200	1,210	3,000	2,965
PA	9,400	10,401	13,605	12,254	23,005	22,655
RI	10	32	61	45	71	77
SC	2,205	2,211	2,424	2,534	4,629	4,745
SD	800	1,825	1,370	410	2,170	2,235
TN	316	510	922	780	1,238	1,290
TX	5,630	6,759	11,545	10,848	17,175	17,607
UT	939	1,000	759	830	1,698	1,830
VT	9	12	188	180	197	192
VA	704	1,292	2,759	2,453	3,463	3,745
WA	2,815	2,513	2,156	2,538	4,971	5,051
WV	285	305	760	832	1,045	1,137
WI	1,994	1,289	1,989	2,321	3,983	3,610
WY	8	8	4	4	12	12
Other States [2]	168	347	132	1	300	348
US	140,966	150,778	171,171	169,916	312,137	320,694

[1] Preliminary. [2] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-39.—Chickens: Pullets not of laying age and other chickens, by State and United States, Dec. 1, 1997–98

State	Pullets 13 weeks old and older but less than 20 weeks		Pullet chicks and pullets under 13 weeks of age		Other chickens	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	2,066	1,980	2,500	2,492	1,033	1,034
AR	3,486	3,252	3,976	4,316	1,262	1,200
CA	1,000	1,500	3,080	2,500	140	85
CO	229	180	643	550	176	130
CT	299	206	550	653	1	10
DE	90	40	170	43	25	28
FL	1,045	707	1,133	1,262	56	93
GA	3,120	3,693	5,080	4,531	1,190	1,353
HI	55	77	80	63	0	0
ID	51	85	241	240	5	4
IL	174	197	380	329	39	29
IN	1,355	1,977	3,479	5,133	41	47
IA	2,707	2,958	3,423	3,134	50	39
KS	245	162	457	127	2	2
KY	580	580	820	780	200	190
LA	165	475	370	95	82	88
ME	621	477	1,495	1,115	5	4
MD	428	337	483	580	42	38
MA	3	0	155	51	1	1
MI	390	286	630	704	10	3
MN	810	1,025	1,895	2,240	70	70
MS	1,407	1,938	2,049	1,759	706	724
MO	675	832	1,490	1,105	185	183
MT	45	24	69	65	1	1
NE	563	1,186	1,573	1,420	0	0
NH	24	6	29	49	6	31
NJ	174	144	0	84	0	0
NM	68	110	162	185	4	0
NY	540	570	470	500	20	20
NC	1,920	2,010	2,952	2,990	690	769
ND	3	2	40	35	7	3
OH	3,000	3,252	4,700	5,600	40	51
OK	400	400	920	720	210	220
OR	344	250	241	258	6	3
PA	2,000	2,490	2,550	3,204	115	105
RI	17	1	1	0	1	0
SC	438	506	446	215	157	133
SD	175	400	205	10	0	0
TN	246	360	442	475	110	130
TX	2,315	2,500	2,700	3,760	510	533
UT	244	268	196	98	0	0
VT	1	13	4	0	1	1
VA	582	672	428	549	187	177
WA	1,090	940	805	977	1	1
WV	322	265	292	340	131	114
WI	59	328	958	715	25	34
WY	2	2	2	2	1	1
Other States [2]	5	1	2	1	5	0
US	35,578	39,664	54,766	56,054	7,549	7,682

[1] Preliminary. [2] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-40.—Chickens: Number, value per head, and total value, by State and United States, Dec. 1, 1997–98 [1]

State	Number		Value per bird		Total value	
	1997	1998 [2]	1997	1998 [2]	1997	1998 [2]
	1,000 head	*1,000 head*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	16,091	16,613	5.10	5.20	82,064	86,388
AR	23,145	23,500	5.00	5.10	115,725	119,850
CA	30,500	29,993	2.20	2.10	67,100	62,985
CO	4,718	4,597	2.20	2.40	10,380	11,033
CT	4,309	3,959	2.30	2.30	9,911	9,106
DE	685	495	4.60	4.00	3,151	1,980
FL	12,972	12,785	2.40	2.30	31,133	29,405
GA	29,910	31,126	3.30	3.30	98,703	102,716
HI	863	747	2.50	2.50	2,158	1,868
ID	1,228	1,256	2.20	1.90	2,702	2,386
IL	4,056	3,484	1.70	1.60	6,895	5,574
IN	27,189	29,357	1.70	1.60	46,221	46,971
IA	27,965	31,266	1.60	1.50	44,744	46,899
KS	2,052	1,890	1.80	1.50	3,694	2,835
KY	4,700	5,300	2.30	2.20	10,810	11,660
LA	2,520	2,650	2.40	2.50	6,048	6,625
ME	6,900	6,817	2.40	2.40	16,560	16,361
MD	4,115	4,603	2.00	1.70	8,230	7,825
MA	704	494	2.20	2.20	1,549	1,087
MI	6,190	6,744	1.60	1.40	9,904	9,442
MN	14,730	15,575	1.90	1.80	27,987	28,035
MS	11,073	11,440	5.10	5.40	56,472	61,776
MO	9,445	8,810	2.80	2.90	26,446	25,549
MT	405	380	3.20	2.90	1,296	1,102
NE	12,126	13,219	2.10	2.10	25,465	27,760
NH	218	215	2.40	2.60	523	559
NJ	2,128	2,097	2.50	3.00	5,320	6,291
NM	1,406	1,371	1.90	1.70	2,671	2,331
NY	4,500	4,700	1.80	1.70	8,100	7,990
NC	17,175	17,220	4.60	4.60	79,005	79,212
ND	290	270	2.20	2.00	638	540
OH	34,798	37,410	2.00	2.00	69,596	74,820
OK	5,605	5,380	4.60	4.30	25,783	23,134
OR	3,591	3,476	1.80	1.90	6,464	6,604
PA	27,670	28,454	1.70	1.70	47,039	48,372
RI	90	78	1.70	2.00	153	156
SC	5,670	5,599	3.00	2.60	17,010	14,557
SD	2,550	2,645	2.20	2.10	5,610	5,555
TN	2,036	2,255	4.80	4.90	9,773	11,050
TX	22,700	24,400	2.60	2.80	59,020	68,320
UT	2,138	2,196	1.60	1.60	3,421	3,514
VT	203	206	2.90	2.60	589	536
VA	4,660	5,143	4.80	4.80	22,368	24,686
WA	6,867	6,969	1.90	2.00	13,047	13,938
WV	1,790	1,856	5.30	5.40	9,487	10,022
WI	5,025	4,687	2.30	2.10	11,558	9,843
WY	17	17	2.10	2.10	36	36
Oth Sts [3]	312	350	2.00	2.00	624	700
US	410,030	424,094	2.72	2.69	1,113,183	1,139,984

[1] Excludes commercial broilers. [2] Preliminary. [3] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-41.—Poultry Meat: Total imports by specified countries, 1994–98

Continent and country	1994	1995	1996	1997	1998
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
North America:					
Canada	91	105	115	128	144
Mexico	177	163	189	196	217
United States	0	0	2	3	3
Total	268	268	306	327	364
South America:					
Argentina	52	20	30	48	57
Total	52	20	30	48	57
European Union: [1]					
Belgium and Luxembourg	2	0	0	2	2
Denmark	0	0	6	0	0
France	10	16	18	18	18
Germany	123	133	160	158	140
Greece	0	0	0	0	0
Ireland	0	0	0	0	0
Italy	18	16	15	12	11
Netherlands	10	12	40	43	45
Portugal	0	4	4	4	4
Spain	26	20	25	24	24
United Kingdom	5	6	23	29	24
Total	194	207	291	290	268
Eastern Europe:					
Poland	61	34	44	61	65
Romania	49	26	7	19	25
Total	110	60	51	80	90
Former Soviet Union:					
Russia	516	870	1,116	1,272	852
Ukraine	2	9	80	57	40
Total	518	879	1,196	1,329	892
Middle East:					
Saudi Arabia	275	290	288	294	282
United Arab Emirates	63	100	105	112	105
Total	338	390	393	406	387
Africa:					
Egypt	5	4	2	2	2
South Africa	65	94	69	80	84
Total	70	98	71	82	86
Asia:					
China	344	625	650	780	750
Hong Kong	533	695	799	871	853
Japan	455	549	559	508	507
Korea, Republic of	24	36	38	41	29
Singapore	70	61	70	66	59
Thailand	0	0	0	0	0
Total	1,426	1,966	2,116	2,266	2,198
Grand total	2,976	3,888	4,454	4,828	4,342

[1] 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, results of office research, and related information.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031.

Table 8-42.—Poultry Meat: Total exports by specified countries, 1994–98

Continent and country	1994	1995	1996	1997	1998
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
North America:					
Canada	36	67	75	94	88
United States	1,472	1,969	2,325	2,561	2,512
Total	1,508	2,036	2,400	2,655	2,600
South America:					
Argentina	0	8	10	17	20
Brazil	495	435	582	665	588
Venezuela	10	3	8	7	9
Total	505	446	600	689	617
European Union: [1]					
Belgium and Luxembourg	35	47	46	73	60
Denmark	83	80	66	63	48
France	455	449	466	439	413
Germany	19	27	15	27	25
Greece	5	8	8	9	7
Ireland	7	0	1	2	3
Italy	8	17	17	13	13
Netherlands	122	182	188	209	161
Portugal	5	11	13	3	3
Spain	3	3	2	5	5
United Kingdom	37	61	74	92	85
Total	779	885	896	935	823
Eastern Europe:					
Hungary	80	108	109	109	115
Poland	14	17	21	23	25
Romania	3	1	1	1	1
Total	97	126	131	133	141
Former Soviet Union:					
Russia	6	5	18	15	0
Ukraine	2	3	6	10	15
Total	8	8	24	25	15
Middle East:					
Israel	12	13	15	15	15
Saudi Arabia	8	17	25	24	26
Turkey	12	5	6	5	10
Total	32	35	46	44	51
Africa:					
South Africa	4	1	4	8	10
Total	4	1	4	8	10
Asia:					
China	189	328	332	420	390
Hong Kong	322	489	568	583	605
Japan	3	3	3	3	3
Singapore	11	7	9	10	7
Taiwan	5	5	5	5	6
Thailand	176	177	169	199	245
Total	706	1,009	1,086	1,220	1,256
Oceana:					
Australia	9	10	10	11	13
Total	9	10	10	11	13
Grand total	3,648	4,556	5,197	5,720	5,526

[1] 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, results of office research, and related information.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031.

Table 8-43.—Total poultry meat: Production in specified countries, 1994–98

Continent and country	1994	1995	1996	1997	1998 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North America:					
Canada	854	861	893	916	955
Mexico	1,483	1,554	1,600	1,615	1,695
United States	13,206	13,786	14,522	14,951	15,088
Total	15,543	16,201	17,015	17,482	17,738
South America:					
Argentina	675	700	680	780	825
Brazil	3,491	4,140	4,144	4,562	4,592
Colombia	514	537	623	647	679
Guatemala	95	104	111	117	123
Honduras	35	41	42	53	58
Venezuela	365	410	391	395	400
Total	5,175	5,932	5,991	6,554	6,677
European Union:					
Belgium and Luxembourg	219	251	264	259	255
Denmark	172	168	170	175	178
France	1,961	2,083	2,206	2,282	2,330
Germany [2]	626	633	638	682	717
Greece	175	178	176	176	176
Ireland	97	101	108	114	117
Italy	1,084	1,123	1,151	1,177	1,177
Netherlands	594	641	700	715	728
Portugal	248	235	251	260	265
Spain	880	910	950	901	910
United Kingdom	1,358	1,394	1,443	1,502	1,529
Total	7,414	7,717	8,057	8,243	8,382
Eastern Europe:					
Hungary	320	368	365	372	382
Poland	345	367	410	460	500
Romania	135	160	180	155	142
Total	800	895	955	987	1,024
Former Soviet Union:					
Russia	1,068	859	705	630	640
Ukraine	265	235	230	192	212
Total	1,333	1,094	935	822	852
Middle East:					
Israel	242	249	262	264	254
Kuwait	18	20	22	24	26
Saudi Arabia	286	309	340	438	450
Turkey	330	390	480	590	635
United Arab Emirates	18	20	21	22	25
Total	894	988	1,125	1,338	1,364
Africa:					
Egypt	345	360	380	385	400
South Africa	667	736	804	887	940
Total	1,012	1,096	1,184	1,272	1,340
Asia:					
China	7,550	9,347	10,746	11,226	11,700
Hong Kong	84	94	90	88	65
India	454	507	578	590	595
Japan	1,258	1,282	1,249	1,228	1,210
Korea, Republic of	378	415	459	450	405
Singapore	57	60	59	58	48
Taiwan	604	630	668	739	770
Thailand	740	825	890	955	960
Total	11,125	13,160	14,739	15,334	15,753
Oceania:					
Australia	498	500	503	533	582
Total	498	500	503	533	582
Grand total	43,794	47,583	50,504	52,565	53,712

[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 8-44.—Mature Chickens: Lost, sold, and value of sales, 1997 (preliminary)[1]

State	Number lost[2]	Number sold[3]	Pounds sold	Price per pound	Value of sales
	1,000 head	*1,000 head*	*1,000 pounds*	*Dollars*	*1,000 dollars*
AL	1,700	8,820	66,150	0.170	11,246
AR	2,200	10,600	63,600	0.090	5,724
CA	3,500	15,300	53,550	0.023	1,232
CO	600	2,300	8,050	0.030	242
CT	440	2,192	9,645	0.025	241
DE	57	230	1,748	0.102	178
FL	3,100	4,900	22,050	0.002	44
GA	2,500	15,500	106,950	0.160	17,112
HI	152	232	812	0.149	121
ID	87	577	2,193	0.030	66
IL	680	1,540	8,316	0.059	491
IN	2,569	11,611	39,477	0.020	790
IA	3,250	11,150	44,600	0.031	1,383
KS	224	605	2,420	0.050	121
KY	300	1,500	4,950	0.050	248
LA	250	1,450	8,410	0.072	606
ME	558	3,578	15,743	0.020	315
MD	486	2,105	11,578	0.056	648
MA	66	390	1,716	0.020	34
MI	1,000	2,900	13,340	0.040	534
MN	1,900	5,800	20,300	0.031	629
MS	1,410	5,290	34,914	0.144	5,028
MO	1,550	3,300	18,150	0.090	1,634
MT	39	319	1,276	0.020	26
NE	1,750	4,320	17,280	0.031	536
NH	22	140	616	0.025	15
NJ	330	950	3,135	0.040	125
NM	520	340	1,190	0.005	6
NY	450	2,800	12,320	0.026	320
NC	1,850	10,000	69,000	0.110	7,590
ND	60	160	720	0.031	22
OH	3,280	16,430	55,862	0.013	726
OK	780	2,670	16,554	0.090	1,490
OR	485	1,500	7,800	0.020	156
PA	3,900	12,400	62,000	0.075	4,650
RI	8	67	295	0.025	7
SC	900	2,850	14,535	0.111	1,613
SD	475	900	3,420	0.030	103
TN	173	904	4,158	0.120	499
TX	2,970	11,691	53,779	0.036	1,936
UT	250	1,068	4,272	0.030	128
VT	17	90	396	0.025	10
VA	513	3,210	14,766	0.110	1,624
WA	1,000	3,000	10,200	0.020	204
WV	170	1,160	4,872	0.110	536
WI	700	1,990	7,761	0.059	458
WY	6	7	32	0.050	2
Other States[4]	29	150	598	0.020	12
Total US	49,256	190,986	925,499	0.077	71,461

[1] Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. [2] Includes death, rendered, composted, destroyed, disappeared, and other losses during the 12-month period. [3] Sold for slaughter. [4] AK, AZ, and NV combined to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-45.—Broilers: Production and value, United States, 1988–97[1]

Year	Production		Price per pound[2]	Value of production
	Number	Weight		
	Thousands	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	5,237,901	22,464,479	33.1	7,435,300
1989	5,516,521	23,978,816	36.6	8,777,915
1990	5,864,150	25,630,960	32.6	8,365,704
1991	6,137,150	27,202,862	30.8	8,383,046
1992	6,402,490	28,828,872	31.8	9,174,136
1993	6,694,310	30,617,600	34.0	10,416,962
1994	7,017,540	32,528,500	35.0	11,371,723
1995	7,325,670	34,222,000	34.4	11,762,222
1996	7,597,600	36,483,050	38.1	13,904,924
1997[3]	7,760,260	37,523,400	37.7	14,152,519

[1] Broilers are young chickens of the meat-type breeds, raised for the purpose of meat production. These figures are not included in farm production of chickens. Estimates cover the 12-month period, Dec 1 previous year through Nov 30. Excludes States which produced less than 500,000 broilers. [2] Live weight equivalent price. [3] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-46.—Mature Chickens: Lost, sold for slaughter, price, and value, United States, 1988–97 [1]

Year	Number		Pounds (live weight) sold	Price per pound live weight	Value of sales
	Lost [2]	Sold [3]			
	Thousands head	*Thousands head*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	37,494	226,167	1,050,658	0.094	99,011
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

[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 and Economics Branch, (202) 720–6146.

Table 8-47.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1990–99

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*
1990	18,430	523	18,953	227	1,168	251	17,762	71
1991	19,591	508	20,099	251	1,289	310	18,751	74
1992	20,904	520	21,424	310	1,530	378	19,826	78
1993	22,015	515	22,530	378	2,022	366	20,520	79
1994	23,666	509	24,175	366	2,966	472	21,103	81
1995	24,827	496	25,323	472	3,993	567	21,238	81
1996	26,124	491	26,615	567	4,685	647	21,854	82
1997 [2]	27,041	510	27,570	647	5,048	614	22,541	84
1998 [4]	27,613	521	28,135	614	4,886	707	23,160	86
1999 [4]	29,116	546	29,662	707	4,737	775	24,882	91

[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, 1996 and 1997 [1]

State	1996				1997 [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	873,300	4,191,800	0.390	1,634,802	906,200	4,349,800	0.380	1,652,924
AR	1,155,000	5,659,500	0.375	2,122,313	1,164,600	5,590,100	0.375	2,096,288
CA	234,200	1,171,000	0.390	456,690	237,300	1,210,200	0.390	471,978
DE	257,600	1,416,800	0.370	524,216	256,900	1,413,000	0.375	529,875
FL	131,400	591,300	0.390	230,607	132,400	595,800	0.385	229,383
GA	1,154,000	5,654,600	0.390	2,205,294	1,182,800	5,914,000	0.385	2,276,890
HI	950	4,000	0.520	2,080	1,000	4,400	0.520	2,288
IA	17,200	77,400	0.370	28,638	.....	.....	.....	.....
KY	77,000	331,100	0.370	122,507	110,600	497,700	0.370	184,149
MD	294,800	1,385,600	0.370	512,672	295,300	1,417,400	0.375	531,525
MI	550	2,200	0.380	836	640	2,900	0.365	1,059
MN	47,500	251,800	0.375	94,425	46,300	240,800	0.375	90,300
MS	675,900	3,109,100	0.385	1,197,004	720,300	3,313,400	0.370	1,225,958
MO	246,300	1,059,100	0.375	397,163	250,000	1,075,000	0.375	403,125
NE	2,300	13,300	0.360	4,788	1,600	8,200	0.375	3,075
NY	1,500	8,000	0.410	3,280	1,400	7,000	0.390	2,730
NC	681,100	3,541,700	0.370	1,310,429	665,000	3,657,500	0.375	1,371,563
OH	48,000	240,000	0.365	87,600	45,800	229,000	0.365	83,585
OK	204,000	877,200	0.375	328,950	197,400	868,600	0.375	325,725
OR	21,300	106,500	0.380	40,470	21,700	108,500	0.385	41,773
PA	128,200	653,800	0.375	245,175	135,200	689,500	0.375	258,563
SC	177,500	786,300	0.390	306,657	182,800	829,900	0.385	319,512
TN	134,000	603,000	0.385	232,155	138,600	623,700	0.380	237,006
TX	419,200	1,886,400	0.385	726,264	455,100	2,093,500	0.370	774,595
VA	259,100	1,243,700	0.375	466,388	259,400	1,219,200	0.365	445,008
WA	40,000	196,000	0.380	74,480	38,800	194,000	0.385	74,690
WV	89,700	394,700	0.375	148,013	90,800	381,400	0.365	139,211
WI	32,400	152,300	0.380	57,874	32,900	157,900	0.375	59,213
Other States [4]	193,600	874,850	0.392	343,154	189,420	831,000	0.386	320,528
Total [5]	7,597,600	36,483,050	0.381	13,904,924	7,760,260	37,523,400	0.377	14,152,519

[1] Broilers are young chickens of the meat-type breeds, raised for the purpose of meat production. Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30. [2] Live weight equivalent price. [3] Preliminary. [4] CT, IA, IL, IN, LA, ND, and SD. [5] Excludes States producing less than 500,000 broilers.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-49.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1988–97

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*
1988	5,602,400	368,349	5,970,749	17.00	50.50	18.10	1,046,706
1989	5,946,948	382,906	6,329,854	17.60	50.30	18.60	1,143,388
1990	6,324,426	398,432	6,722,858	18.50	50.80	19.50	1,273,269
1991	6,616,527	419,554	7,036,081	18.20	51.10	19.20	1,308,268
1992	6,892,844	391,319	7,284,163	18.30	54.70	19.30	1,369,893
1993	7,220,768	405,986	7,626,754	18.60	53.80	19.60	1,455,383
1994	7,562,316	381,577	7,943,893	19.30	49.70	20.10	1,557,276
1995	7,932,352	396,501	8,328,853	18.60	49.80	19.40	1,577,782
1996	8,078,159	401,640	8,479,799	18.60	53.80	19.50	1,611,380
1997	8,322,496	425,007	8,747,503	19.70	53.10	20.60	1,756,471

[1] Excludes egg-type cockerels destroyed.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-50.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1988–97

Year	Ratios [1]			Year	Ratios [1]		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	Pounds	*Pounds*	*Pounds*		*Pounds*	*Pounds*	*Pounds*
1988	7.3	4.6	5.6	1993	9.4	5.3	6.5
1989	10.5	5.0	6.0	1994	8.6	5.2	6.6
1990	11.1	4.9	6.5	1995	8.8	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

[1] Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, and wheat.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 8-51.—Poultry: Slaughtered under Federal inspection, by classes, United States, 1995–97

Class	Number inspected			Pounds inspected (live weight)		
	1995	1996	1997	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Young chickens	7,371,429	7,546,250	7,735,903	34,352,980	36,034,815	37,207,401
Mature chickens	159,418	153,609	167,635	812,220	800,594	839,202
Total chickens	,7530,847	7,699,858	7,903,539	35,165,199	36,835,409	38,046,603
Young turkeys	278,806	291,034	288,400	6,456,579	6,881,123	6,908,440
Old turkeys	1,868	2,068	1,762	46,415	53,301	45,387
Fryer-roaster turkeys	358	188	68	3,137	1,697	658
Total turkeys	281,032	293,290	290,230	6,506,131	6,936,121	6,954,485
Ducks	19,528	20,663	21,978	129,875	137,624	146,534
Other poultry	.....	.....	.....	8,340	13,417	17,733
Total poultry	.....	.....	.....	41,809,546	43,922,572	45,165,355

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1995	1996	1997	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Young chickens	25,020,790	26,336,303	27,270,741	127,553	135,661	130,531
Mature chickens	494,518	486,812	509,247	13,719	12,885	13,893
Total chickens	25,515,308	26,823,115	27,779,987	141,272	148,546	144,424
Young turkeys	5,091,336	5,424,111	5,442,835	16,963	20,280	20,052
Old turkeys	35,138	40,208	34,597	417	491	313
Fryer-roaster turkeys	2,341	1,297	482	25	7	2
Total turkeys	5,128,816	5,465,617	5,477,914	17,405	20,778	20,367
Ducks	93,061	99,040	104,414	165	130	149
Other poultry	5,133	7,575	10,134	38	74	94
Total poultry	30,742,318	32,395,346	33,372,449	158,879	169,528	165,033

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1995	1996	1997
	Thousands	*Thousands*	*Thousands*
Young chickens	527,948	551,558	571,738
Mature chickens	40,283	46,347	51,506
Total chickens	568,232	597,905	623,244
Young turkeys	121,736	132,962	136,311
Old turkeys	3,094	3,303	2,540
Fryer-roaster turkeys	78	34	21
Total turkeys	124,907	136,299	138,872
Ducks	2,182	2,307	2,954
Other poultry	125	155	177
Total poultry	695,446	736,665	765,246

NASS, Livestock, Dairy, and Poultry 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, 1988–97

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*
1988	47	46,924	44	0.0001	47	5,243,118	0	0.0000
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

[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, 1990–99

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*
1990	4,514	236	54	306	4,390	17.6
1991	4,603	306	122	264	4,523	17.9
1992	4,777	264	202	272	4,568	17.9
1993	4,798	272	244	249	4,577	17.7
1994	4,937	249	280	254	4,652	17.8
1995	5,069	254	348	271	4,706	17.9
1996	5,401	271	438	328	4,906	18.5
1997 [3]	5,412	328	598	415	4,727	17.6
1998 [4]	5,174	415	428	275	4,889	18.1
1999 [4]	5,186	275	430	250	4,781	17.5

[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, 1988–97

Year	Number raised [1]	Pounds (live weight) produced	Price per pound live weight	Value of production
	Thousands	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	242,421	5,059,056	38.6	1,951,351
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 [2]	301,251	7,225,059	39.9	2,884,377

[1] Total poults hatched less death loss of poults and young turkeys during the year. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-55.—Turkeys: Production and value, by States, 1997 [1]

State	Number raised [2]	Pounds produced [3]	Price per pound [4]	Value of production
	1,000 head	*1,000 pounds*	*Dollars*	*1,000 dollars*
AR	30,000	525,000	0.41	215,250
CA	21,000	480,900	0.42	201,978
CO	3,900	147,030	(3)	(3)
CT	5	125	1.07	134
GA	175	5,758	0.45	2,591
IL	3,500	86,800	0.41	35,588
IN	14,500	359,600	0.41	147,436
IA	7,000	187,600	0.43	80,668
KS	1,900	52,250	0.41	21,423
MD & DE	740	13,335	0.43	5,734
MA	82	2,050	1.28	2,624
MN	45,500	1,014,650	0.39	395,714
MO	21,000	562,800	0.40	225,120
NH	15	368	1.35	497
NJ	74	1,576	0.85	1,340
NY	510	12,087	0.42	5,077
NC	53,500	1,353,550	0.39	527,885
ND	2,600	57,980	0.39	22,612
OH	6,700	217,750	0.35	76,213
PA	11,600	235,480	0.41	96,547
SC	11,200	368,480	0.39	143,707
SD	3,600	115,200	0.40	46,080
VT	39	936	1.18	1,104
VA	26,000	504,400	0.39	196,716
WV	4,500	87,300	0.39	34,047
Other States [6]	31,611	832,054	0.41	398,292
US	301,251	7,225,059	39.9	2,884,377

[1] Preliminary. [2] Based on turkeys placed Aug. 1, 1992, through Jul. 31, 1993. Excludes young turkeys lost. [3] Includes home consumption. [4] Live weight equivalent price. [5] Not published to avoid disclosing individual operations. Value of production included in Other States. [6] MI, NE, OK, OR, TX, UT, and WI combined to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-56.—Turkeys: Poults placed by commercial hatcheries, United States, 1988–97

Year	Total all breeds	Year	Total all breeds
	Thousands		*Thousands*
1988	261,406	1993	308,871
1989	290,678	1994	317,468
1990	304,863	1995	321,651
1991	308,083	1996	327,213
1992	307,823	1997	321,487

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-57.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, 1996 and 1997

Month	United States			1997				
	1996	1997	1997 as percent of 1996	East North Central	West North Central	North and South Atlantic	South Central	West
	Thousands	*Thousands*	*Percent*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
All breeds:								
Jan	27,391	27,121	99	3,806	7,586	9,690	3,310	2,729
Feb	27,596	27,145	98	3,654	8,025	9,135	3,520	2,811
Mar	27,935	27,610	99	3,699	8,141	9,633	3,231	2,906
Apr	29,742	28,220	95	3,814	8,365	9,691	3,359	2,991
May	29,682	29,111	98	3,978	8,688	9,749	3,496	3,200
June	27,998	28,381	101	3,651	8,802	9,609	3,274	3,045
July	28,916	30,092	104	3,893	9,104	10,005	3,320	3,770
Aug	27,496	26,321	96	3,426	8,069	8,769	3,162	2,895
Sept	24,154	23,907	99	3,250	7,077	8,646	2,722	2,212
Oct	25,354	24,587	97	3,511	7,292	8,629	3,130	2,025
Nov	23,830	23,281	98	3,245	6,955	7,761	3,178	2,142
Dec	27,119	25,711	95	3,307	7,904	9,030	3,366	2,104
Total	327,213	321,487	98	43,234	96,008	110,347	39,068	32,830

NASS, Livestock and Economics 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, 1990–99 [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*
1990	5,687	11	9	101	678	12	4,916	236
1991	5,801	12	2	154	709	13	4,938	235
1992	5,905	13	4	157	732	13	5,020	236
1993	6,006	13	5	159	770	11	5,085	236
1994	6,178	11	4	188	805	15	5,184	239
1995	6,231	15	4	209	847	11	5,182	236
1996	6,351	11	5	253	864	9	5,242	237
1997 [4]	6,471	9	7	228	895	7	5,356	240
1998 [5]	6,630	7	6	227	927	8	5,487	244
1999 [5]	6,790	8	4	243	970	5	5,586	246

[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, 1997 and 1998 [1]

State	1997			1998		
	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	10,749	232	2,499	10,929	230	2,518
AR	14,519	221	3,215	14,721	220	3,233
CA	25,632	260	6,663	25,161	263	6,608
CO	3,322	258	857	3,658	258	945
CT	3,389	271	917	3,095	271	839
DE	471	238	112	392	235	92
FL	9,865	253	2,499	10,084	251	2,528
GA	19,869	245	4,867	21,034	244	5,126
HI	724	238	172	632	247	156
ID	903	261	236	907	273	248
IL	3,157	266	841	3,156	266	838
IN	21,138	267	5,652	21,787	268	5,831
IA	21,187	261	5,527	23,044	259	5,969
KS	1,212	266	323	1,443	271	392
KY	2,847	249	710	3,517	245	863
LA	1,894	243	460	1,925	247	475
ME	5,026	285	1,434	4,789	287	1,373
MD	3,362	262	882	3,315	262	867
MA	540	289	156	479	290	139
MI	5,073	262	1,327	5,318	262	1,395
MN	11,712	252	2,957	12,032	262	3,152
MS	6,690	231	1,547	6,868	230	1,578
MO	6,693	257	1,719	6,644	261	1,732
MT	294	299	88	290	290	84
NE	9,525	259	2,469	10,398	260	2,706
NH	148	311	46	159	263	42
NJ	1,856	249	463	2,051	238	488
NM	1,141	265	302	1,121	267	299
NY	3,382	275	931	3,473	284	986
NC	12,240	228	2,794	11,280	227	2,555
ND	208	236	49	240	250	60
OH	25,929	269	6,976	27,845	266	7,395
OK	3,840	235	901	4,007	231	927
OR	2,938	267	783	2,853	266	758
PA	21,671	272	5,900	22,049	271	5,983
RI	90	267	24	77	286	22
SC	4,753	258	1,228	4,640	256	1,189
SD	2,065	262	542	2,265	273	618
TN	1,080	236	255	1,289	232	299
TX	16,830	249	4,186	17,079	249	4,257
UT	1,819	266	483	1,824	262	478
VT	186	300	56	184	296	55
VA	3,483	231	806	3,647	236	860
WA	5,051	273	1,379	5,022	278	1,394
WV	1,081	227	245	1,147	210	241
WI	3,711	269	998	3,837	269	1,031
WY	12	292	3.5	12	300	3.6
Oth Sts [3]	296	207	61	335	257	86
US [4]	303,604	255	77,532	312,058	256	79,717

[1] Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. [2] Number of eggs producted during the year divided by average of layers hand during the year. [3] AK, AZ, and NV combined to avoid disclosure of individual operations. [4] Sum of States may not add to U.S. total due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-61.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1989–98

Year	Large	Year	Large
	Cents		*Cents*
1989	81.91	1994	67.23
1990	82.19	1995	67.26
1991	77.52	1996	73.00
1992	65.41	1997	81.21
1993	72.53	1998	75.80

AMS, Poultry Division, Market News Branch, (202) 720–6911.

Table 8-62.—Eggs: Number, rate of lay, production, and value, United States, 1989–98 [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*
1989	270,415	250	67,503	0.689	3,876,822
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 [4]	312,058	256	79,717	NA	NA

[1] Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. [2] Number of eggs produced during the year divided by the average of layers on hand during the year. [3] Value of sales plus value of eggs consumed in households of producers. [4] Preliminary. NA-not available.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-63.—Eggs: Production and value, by States, 1997 preliminary) [1]

State	Eggs produced	Price per dozen [2]	Value of production
	Millions	*Dollars*	*1,000 dollars*
AL	2,499	1.060	220,745
AR	3,215	1.030	275,954
CA	6,663	0.621	344,810
CO	857	0.720	51,420
CT	917	0.598	45,697
DE	112	1.150	10,733
FL	2,499	0.594	123,701
GA	4,867	0.885	358,941
HI	172	0.906	12,986
ID	236	0.707	13,904
IL	841	0.622	43,592
IN	5,652	0.637	300,027
IA	5,527	0.526	242,267
KS	323	0.566	15,225
KY	710	0.744	44,020
LA	460	0.908	34,807
ME	1,434	0.694	82,933
MD	882	0.732	53,802
MA	156	0.610	7,930
MI	1,327	0.560	61,927
MN	2,957	0.559	137,747
MS	1,547	1.130	145,676
MO	1,719	0.592	84,804
MT	88	0.570	4,180
NE	2,469	0.520	106,990
NH	46	0.825	3,163
NJ	463	0.623	24,037
NM	302	0.593	14,924
NY	931	0.666	51,671
NC	2,794	0.875	203,729
ND	49	0.530	2,164
OH	6,976	0.614	356,939
OK	901	0.873	65,548
OR	783	0.644	42,021
PA	5,900	0.653	321,058
RI	24	0.589	1,178
SC	1,228	0.768	78,592
SD	542	0.500	22,583
TN	255	0.931	19,784
TX	4,186	0.768	267,904
UT	483	0.576	23,184
VT	56	0.608	2,827
VA	806	0.951	63,876
WA	1,379	0.653	75,024
WV	245	1.210	24,704
WI	998	0.564	46,906
WY	3.5	0.630	184
Other States	61	0.610	3,111
US [3]	77,532	0.703	4,539,929

[1] Estimates cover the 12-month period Dec. 1, previous year through Nov. 30. [2] Average mid-month price of all eggs sold by producers including hatching eggs. [3] Sum of States may not add to U.S. total due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-64.—Eggs: Products under Federal inspection, United States, fiscal years 1997 and 1998

Item	Quantity	
	1997	1998
	1,000 dozen	*1,000 dozen*
Shell eggs broken	1,571,005	1,636,389
	1,000 pounds	1,000 pounds
Edible liquid from shell eggs broken:		
Whole	1,177,648	1,239,886
White	551,066	535,611
Yolk	280,581	279,227
Total	2,009,295	2,054,724
Inedible liquid from shell eggs broken	153,298	180,075

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-65.—Poultry and poultry products: Cold storage holdings, end of month, United States, 1997 and 1998

Month	Frozen eggs							
	Whites		Yolks		Whole & mixed		Unclassified	
	1997	1998	1997	1998	1997	1998	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*
January	1,014	843	971	1,240	7,555	9,058	1,483	908
February	1,190	1,005	1,212	1,097	7,822	8,814	1,251	1,358
March	1,016	1,108	1,010	1,011	5,502	6,761	1,018	1,494
April	1,094	972	1,016	1,027	5,516	5,347	859	1,876
May	1,036	1,006	959	1,162	5,346	8,394	813	2,305
June	1,126	856	885	1,000	5,826	6,306	502	2,014
July	1,133	869	1,293	986	5,984	6,996	477	2,907
August	946	915	1,209	933	8,398	5,802	550	1,343
September ..	1,023	753	1,041	896	8,184	5,618	587	928
October	899	857	1,214	741	7,977	6,683	825	750
November ...	943	895	967	898	7,649	6,943	705	560
December ...	1,197	1,247	1,173	1,028	6,615	8,107	764	652

Month	Frozen eggs, total		Frozen chicken					
			Broilers (Whole)		Hens		Other chicken (parts)	
	1997	1998	1997	1998	1997	1998	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*
January	11,023	12,049	39,202	24,683	5,300	5,546	632,680	628,043
February	11,475	12,274	41,766	21,962	5,878	5,150	652,246	638,221
March	8,546	10,374	35,561	18,895	6,933	5,056	672,591	672,092
April	8,485	9,222	35,883	21,797	8,408	5,013	699,968	680,740
May	8,154	12,867	32,839	18,361	7,748	8,874	690,903	656,337
June	8,339	10,176	31,062	19,053	8,316	9,183	672,280	582,859
July	8,887	11,758	26,402	15,448	10,254	9,283	629,410	553,780
August	11,103	8,993	28,145	12,037	7,900	8,822	530,915	545,143
September ..	10,835	8,195	24,994	13,844	10,662	7,722	520,653	584,132
October	10,915	9,031	25,009	12,692	8,052	5,848	554,243	600,342
November ...	10,264	9,296	28,727	15,418	5,900	5,545	575,273	642,346
December ...	9,749	11,034	24,227	18,630	7,407	6,256	582,618	692,463

Month	Frozen chicken, total		Frozen turkey					
			Whole		Other		Total	
	1997	1998	1997	1998	1997	1998	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*
January	677,182	658,272	195,359	228,445	205,686	269,138	401,045	497,583
February	699,890	665,333	235,197	263,275	211,181	249,393	446,378	512,668
March	715,085	696,043	267,303	281,371	229,179	245,649	496,482	527,020
April	744,259	707,550	296,572	315,803	246,702	263,861	543,274	579,664
May	731,490	683,572	352,840	350,508	258,935	263,632	611,775	614,140
June	711,658	611,095	402,541	389,464	265,309	267,036	667,850	656,500
July	666,066	578,511	440,077	423,662	274,245	278,114	714,322	701,776
August	566,960	566,002	478,733	462,814	263,279	244,013	742,012	706,827
September ..	556,309	605,698	530,101	463,797	240,605	235,688	770,706	699,485
October	587,304	618,882	490,653	439,273	245,988	219,459	736,641	658,732
November ...	609,900	663,309	208,021	118,185	230,535	192,178	438,556	310,363
December ...	614,252	717,349	176,014	105,819	239,039	198,490	415,053	304,309

Month	Frozen ducks		Total frozen poultry	
	1997	1998	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	1,773	2,286	1,080,000	1,158,141
February	1,832	2,556	1,148,100	1,180,557
March	1,751	3,423	1,213,318	1,226,486
April	2,582	4,313	1,290,115	1,291,527
May	3,225	5,430	1,346,490	1,303,142
June	4,305	5,835	1,383,813	1,273,430
July	2,801	4,937	1,383,189	1,285,224
August	2,277	5,597	1,311,249	1,278,426
September ..	2,844	4,619	1,329,859	1,309,802
October	2,461	5,092	1,326,406	1,282,706
November ...	1,964	4,491	1,050,420	978,163
December ...	1,864	3,757	1,031,169	1,025,415

NASS, Livestock and Economics Branch, (202) 720–0585.

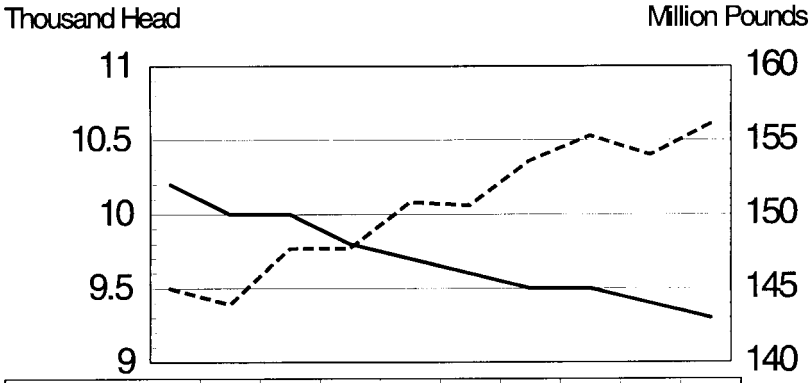
Table 8-66.—Dairy products: Cold-storage holdings, end of month, United States, 1997 and 1998

Month	Butter		American cheese	
	1997	1998	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	23,166	34,166	383,791	406,958
February	35,976	44,199	379,446	410,717
March	50,286	55,919	392,486	421,979
April	86,762	67,415	428,671	439,787
May	104,162	72,702	446,157	443,730
June	93,663	60,550	464,397	450,216
July	85,582	50,979	469,008	461,123
August	69,468	41,070	459,450	441,605
September	43,936	34,077	434,028	417,489
October	26,581	31,164	414,798	394,692
November	15,365	28,698	405,484	388,529
December	20,788	25,910	410,418	407,692

Month	Swiss cheese		Total natural cheese	
	1997	1998	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	13,702	14,380	501,539	509,323
February	13,513	15,441	494,622	521,508
March	12,809	13,571	517,030	533,103
April	11,896	12,581	555,429	557,620
May	13,237	11,302	584,327	568,481
June	12,096	11,460	604,845	583,717
July	11,516	10,823	604,896	595,821
August	11,507	11,560	582,270	576,768
September	11,040	12,741	543,675	552,995
October	11,630	12,362	504,970	522,712
November	13,450	11,911	474,379	494,469
December	13,843	11,838	480,412	517,215

NASS, Livestock and Economics Branch, (202) 720–0585.

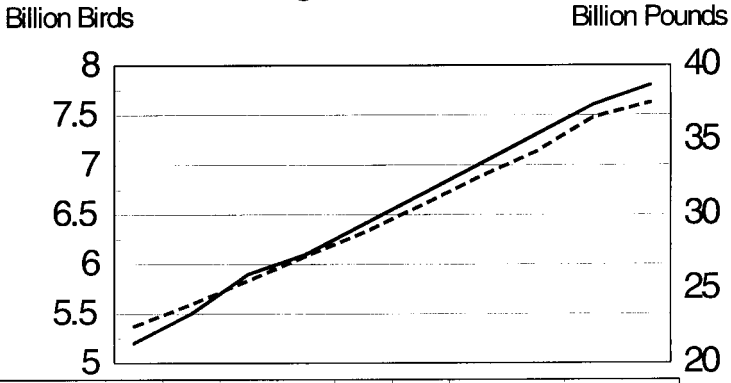
Milk Cows: Production & Number, 1988-97



Year	88	89	90	91	92	93	94	95	96	97
Production - -	145.0	143.9	147.7	147.7	150.8	150.6	153.6	155.3	154.0	156.1
Number —	10.2	10.0	10.0	9.8	9.7	9.6	9.5	9.5	9.4	9.3

NASS Table 8-8

Broilers: Number & Production Weight, 1988-1997



Year	88	89	90	91	92	93	94	95	96	97
Prod. Weight - -	22.5	24.0	25.6	27.2	28.8	30.6	32.5	34.2	36.5	37.5
Number —	5.2	5.5	5.9	6.1	6.4	6.7	7.0	7.3	7.6	7.8

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, 1988–97

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*
1988	91	90	99	177.9	139.9	38.0
1989	96	95	104	191.9	146.6	45.3
1990	99	99	104	198.1	153.3	44.7
1991	100	100	100	191.9	153.3	38.6
1992	101	101	98	200.5	152.9	47.5
1993	104	104	101	204.0	160.5	43.6
1994	106	106	100	215.8	167.5	48.3
1995	109	108	102	210.9	174.1	36.0
1996	114	114	112	235.8	182.4	53.4
1997	117	117	107	238.3	188.4	49.8

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*
1988	4,145.3	3,652.6	97.4	118.3	112.6
1989	4,397.3	3,906.1	99.1	124.0	118.7
1990	4,652.1	4,179.4	98.9	130.7	124.4
1991	4,761.6	4,356.8	97.0	136.2	124.1
1992	4,990.4	4,626.7	100.0	140.3	123.3
1993	5,266.8	4,829.2	103.5	144.5	125.7
1994	5,590.7	5,052.7	109.1	148.2	126.8
1995	5,923.7	5,355.7	114.4	152.4	129.0
1996	6,256.0	5,608.3	119.5	156.9	133.6
1997	6,646.5	5,885.2	126.8	160.5	134.5

[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, Livestock and Economics Branch, (202) 720–3570.

Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1989–98 [1]

Year	Farms [2]	Land in farms	Average size farm
	Number	*1,000 acres*	*Acres*
1989	2,174,520	990,723	456
1990	2,145,820	986,850	460
1991	2,116,760	981,736	464
1992	2,107,840	978,503	464
1993	2,201,590	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 [3]	2,191,510	953,765	435

[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, Livestock and Economics Branch, (202) 720–3570.

Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic sales class, United States, June 1, 1997–98

Economic sales class	Percent of total				Average size farm	
	Farms		Land		1997	1998 [1]
	1997	1998 [1]	1997	1998 [1]		
	Percent	*Percent*	*Percent*	*Percent*	*Acres*	*Acres*
$1,000–$2,499	27.4	27.6	4.4	4.3	70	68
$2,500–$4,999	14.6	14.7	4.4	4.4	132	130
$5,000–$9,999	12.4	12.1	5.4	5.5	190	198
$10,000–$19,999	9.9	9.9	5.8	5.8	256	255
$20,000–$39,999	9.0	8.9	7.4	7.3	359	357
$40,000–$99,999	10.6	10.5	17.0	16.8	700	696
$100,000–$249,999	9.0	8.9	24.0	23.5	1,164	1,149
$250,000–$499,999	4.1	4.3	14.2	14.8	1,512	1,498
$500,000+	3.0	3.1	17.4	17.6	2,531	2,471
Total	100.0	100.0	100.0	100.0	436	435

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–3570.

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]				
1996	75,850	36,900	21,200	133,950
1997	76,050	37,300	21,700	135,050
1998	76,400	37,000	21,750	135,150
NC: [2]				
1996	325,900	320,800	185,800	832,500
1997	334,800	306,600	187,600	829,000
1998	333,300	304,000	188,200	825,500
South: [3]				
1996	608,500	227,400	88,100	924,000
1997	618,000	216,000	89,800	923,800
1998	615,500	216,200	92,000	923,700
West: [4]				
1996	157,550	88,500	54,000	300,050
1997	162,200	86,060	54,400	302,660
1998	167,000	85,000	55,160	307,160
US:				
1996	1,167,800	673,600	349,100	2,190,500
1997	1,191,050	645,960	353,500	2,190,510
1998	1,192,200	642,200	357,110	2,191,510

[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, Livestock and Economics Branch, (202) 720–3570.

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]				
1996	5,490	6,100	8,735	20,325
1997	5,475	6,100	8,800	20,375
1998	5,475	6,010	8,900	20,385
NC:[2]				
1996	34,400	115,900	205,400	355,700
1997	34,500	109,900	210,600	355,000
1998	33,800	108,400	212,300	354,500
South:[3]				
1996	65,690	95,500	127,500	288,690
1997	64,900	93,985	128,500	287,385
1998	64,700	93,730	128,300	286,730
West:[4]				
1996	28,210	79,700	186,050	293,960
1997	30,500	78,500	184,250	293,250
1998	31,000	77,500	183,650	292,150
US:				
1996	133,790	297,200	527,685	958,675
1997	135,375	288,485	532,150	956,010
1998	134,975	285,640	533,150	953,765

[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, Livestock and Economics Branch, (202) 720–3570.

Table 9-6.—Land in farms: Classification by tenure of operator, United States, 1910–97

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

[1] Includes Alaska and Hawaii. [2] Excludes Alaska and Hawaii.

ERS, Natural Resources and Environment Division, (202) 694–5575. Data for 1910–1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997 is from ERS Agricultural Resource Management Study.

Table 9-7.—Farms: Classification by tenure of operator, United States, 1910–97

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

[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 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, 1997 and 1998

State	Farms [1]		Land in farms	
	1997	1998 [2]	1997	1998 [2]
	Number	*Number*	*1,000 acres*	*1,000 acres*
AL	49,000	49,000	9,600	9,500
AK	560	560	910	910
AZ	7,900	7,900	28,300	28,300
AR	49,000	49,500	14,800	14,750
CA	87,000	89,000	28,700	28,500
CO	29,500	29,500	32,500	32,200
CT	4,100	4,100	380	380
DE	2,800	2,700	585	580
FL	45,000	45,000	10,600	10,600
GA	49,000	50,000	11,300	11,300
HI	5,500	5,500	1,440	1,440
ID	24,500	24,500	12,000	12,000
IL	79,000	79,000	27,800	27,800
IN	66,000	66,000	15,600	15,600
IA	98,000	97,000	33,000	33,000
KS	65,000	65,000	47,500	47,500
KY	91,000	90,000	13,900	13,900
LA	30,000	30,000	8,200	8,200
ME	7,000	6,900	1,280	1,280
MD	13,000	12,500	2,200	2,100
MA	6,000	6,000	570	570
MI	53,000	52,000	10,400	10,400
MN	81,000	80,000	29,100	28,900
MS	42,000	42,000	11,700	11,600
MO	110,000	110,000	30,100	30,100
MT	27,000	27,500	57,800	57,500
NE	55,000	55,000	46,400	46,400
NV	3,000	3,000	6,900	6,900
NH	3,000	3,100	420	420
NJ	9,600	9,600	830	830
NM	15,500	16,000	45,300	45,300
NY	38,000	38,000	7,800	7,800
NC	59,000	58,000	9,500	9,400
ND	31,500	31,000	39,700	39,500
OH	79,000	80,000	14,900	14,900
OK	83,000	83,000	34,000	34,000
OR	39,000	39,500	17,500	17,200
PA	60,000	60,000	7,700	7,700
RI	750	750	65	65
SC	25,000	25,000	5,000	4,900
SD	32,500	32,500	44,000	44,000
TN	91,000	91,000	12,000	11,900
TX	225,000	226,000	131,500	131,500
UT	15,000	15,000	11,600	11,600
VT	6,600	6,700	1,330	1,340
VA	49,000	49,000	8,800	8,800
WA	39,000	40,000	15,700	15,700
WV	21,000	21,000	3,700	3,700
WI	79,000	78,000	16,500	16,400
WY	9,200	9,200	34,600	34,600
US	2,190,510	2,191,510	956,010	953,765

[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, Livestock and Economic Branch, (202) 720–3570.

Table 9-10.—Land: Utilization, by States, 1992

State	Cropland			Grassland pasture [2]	Forest land [3]	Special use areas [4]	Other land [5]	Total land area [6]
	Used for crops [1]	Idle	Used only for pasture					
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*
AL	2,152	852	1,535	1,917	21,941	1,373	2,710	32,480
AK	28	61	7	1,156	87,936	143,616	132,235	365,039
AZ	961	231	111	40,641	15,968	12,320	2,499	72,731
AR	7,566	793	2,067	2,532	17,423	1,418	1,529	33,328
CA	8,017	1,168	1,227	24,434	34,679	13,373	16,925	99,823
CO	8,348	2,157	1,177	28,087	18,837	4,957	2,823	66,386
CT	142	13	33	37	1,718	294	864	3,101
DE	464	14	10	11	386	102	264	1,251
DC	0	0	0	0	0	0	39	39
FL	2,451	503	973	5,697	15,683	4,939	4,312	34,558
GA	3,918	1,423	1,187	1,689	23,631	1,874	3,346	37,068
HI	136	120	38	976	1,435	759	647	4,111
ID	4,799	1,063	815	20,219	18,033	5,227	2,805	52,961
IL	23,012	1,670	903	1,590	4,030	1,919	2,456	35,580
IN	11,735	964	705	1,261	4,296	897	3,099	22,957
IA	23,414	2,994	2,194	1,518	1,944	1,566	2,130	35,760
KS	25,213	3,467	3,815	13,880	1,337	1,644	3,011	52,367
KY	4,977	1,271	3,454	1,359	12,360	997	1,011	25,429
LA	4,118	900	876	1,619	13,855	1,423	5,091	27,882
ME	410	108	73	38	17,461	452	1,211	19,753
MD	1,480	99	169	212	2,474	659	1,163	6,256
MA	171	14	45	35	2,778	559	1,414	5,016
MI	7,068	1,038	517	1,736	17,442	2,469	6,088	36,358
MN	19,472	3,003	1,036	1,673	15,632	4,313	5,825	50,954
MS	4,794	1,298	1,327	2,206	16,991	870	2,539	30,025
MO	12,529	2,201	5,402	6,478	13,377	1,721	2,387	44,095
MT	13,941	3,028	1,551	47,364	18,592	6,091	2,589	93,156
NE	19,428	2,089	2,586	20,917	568	1,480	2,134	49,202
NV	478	89	264	46,061	7,224	7,569	8,590	70,275
NH	109	8	26	48	4,785	266	498	5,740
NJ	485	55	69	33	1,764	715	1,627	4,748
NM	1,303	649	530	52,478	14,164	5,927	2,622	77,673
NY	3,377	481	710	1,292	16,291	3,749	4,323	30,223
NC	4,315	785	835	984	18,710	2,271	3,280	31,180
ND	24,444	3,463	1,715	10,951	338	1,603	1,642	44,156
OH	10,043	951	891	1,478	7,623	1,161	4,062	26,209
OK	9,996	1,556	4,462	17,364	7,122	1,396	2,058	43,954
OR	3,720	743	818	22,456	26,614	3,612	3,478	61,441
PA	4,004	419	738	1,088	15,946	2,356	4,134	28,685
RI	19	3	4	2	377	59	205	669
SC	1,903	643	513	477	12,179	1,059	2,497	19,271
SD	15,458	2,439	2,485	23,947	1,450	1,602	1,192	48,573
TN	4,133	946	2,598	1,367	13,275	2,233	1,828	26,380
TX	21,574	6,432	11,053	101,301	14,548	5,029	7,688	167,625
UT	1,202	345	561	23,760	14,078	5,549	7,093	52,588
VT	408	19	158	191	4,474	338	332	5,920
VA	2,562	350	1,524	1,728	15,353	1,441	2,385	25,343
WA	6,500	1,184	551	7,590	17,985	6,298	2,504	42,612
WV	644	80	662	524	11,916	680	909	15,415
WI	8,148	1,151	1,086	1,896	15,257	2,242	5,008	34,761
WY	1,984	351	721	44,905	5,766	6,296	2,124	62,147
US	337,553	55,684	66,807	591,176	648,046	280,763	283,225	2,263,254

[1] Cropland harvested, crop failure, and cultivated summer fallow. [2] Grassland and other nonforest pasture and range. [3] Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. [4] Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes. [5] Miscellaneous areas such as marshes, open swamps, bare rock areas, and deserts, including urban and other special uses not inventoried. [6] Approximate land area as established by the Bureau of the Census in conjunction with the 1990 Census of Population.

ERS, Resource Economics Division, (202) 694–5528. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

Table 9-11.—Land in farms: [1] Irrigated land, by States, 1959–97

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, 1993–97 [1]

State	Total value of land and buildings				
	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996	Jan. 1, 1997
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
AL	10,000	11,393	12,872	13,593	14,356
AZ	11,218	11,505	12,284	14,125	14,868
AR	13,464	13,998	14,745	14,835	14,948
CA	66,390	66,169	66,450	72,120	75,300
CO	13,973	15,663	17,004	18,135	19,175
CT	2,384	2,533	2,495	2,588	2,850
DE	1,280	1,431	1,533	1,642	1,791
FL	20,981	22,300	22,856	23,752	23,690
GA	13,685	13,963	15,072	16,024	16,874
ID	9,207	10,449	11,286	12,218	12,960
IL	43,499	47,601	52,350	57,998	61,880
IN	22,320	24,064	26,299	28,636	31,323
IA	40,360	42,529	44,787	47,874	52,124
KS	22,131	24,043	25,573	26,433	27,485
KY	15,186	16,018	17,500	19,278	20,155
LA	8,359	8,400	9,197	10,231	10,455
ME	1,582	1,676	1,681	1,730	1,742
MD	6,404	7,282	8,155	8,035	8,400
MA	2,988	3,203	3,077	3,190	3,534
MI	12,102	12,990	14,220	15,582	16,800
MN	27,027	27,146	27,893	29,085	30,992
MS	9,946	10,701	11,518	11,554	11,875
MO	23,375	24,833	26,400	28,440	30,199
MT	13,575	15,164	16,537	17,253	18,178
NE	24,209	26,470	28,012	29,704	31,960
NV	2,243	2,358	2,543	2,922	3,080
NH	993	1,082	1,094	1,109	1,118
NJ	6,040	6,370	6,844	6,864	6,881
NM	8,575	9,194	9,900	11,275	12,180
NY	10,020	10,926	10,626	10,264	10,703
NC	14,786	14,964	16,091	18,124	18,450
ND	13,534	14,261	15,032	15,435	16,482
OH	22,131	24,214	27,360	30,034	31,861
OK	16,864	17,578	18,598	18,598	19,380
OR	11,603	13,073	14,770	16,240	17,500
PA	16,242	17,527	18,010	19,289	20,251
RI	397	433	438	454	498
SC	5,856	6,140	6,752	6,815	7,000
SD	12,067	12,641	13,288	13,640	14,300
TN	15,065	15,000	16,032	18,007	19,470
TX	64,870	67,338	70,950	73,530	77,400
UT	5,499	5,961	6,727	7,667	8,250
VT	1,919	2,048	2,026	2,071	2,093
VA	14,070	14,534	15,231	16,555	17,255
WA	14,272	16,195	16,827	17,537	19,311
WV	3,141	3,215	3,367	3,571	3,700
WI	15,818	16,359	17,999	19,740	21,000
WY	5,501	6,228	6,643	7,128	7,612
48 States	717,147	759,162	806,914	860,922	909,688

[1] Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-13.—Land utilization, United States, selected years, 1940–92

Major land uses	1940	1950	1959	1969	1978	1982	1987	1992
	Million acres	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*
Cropland used for crops [1]	368	377	359	333	369	383	331	337
Idle cropland	31	32	33	51	26	21	68	56
Cropland used only for pasture	68	69	66	88	76	65	65	67
Grassland pasture [2]	650	631	633	604	587	597	591	591
Forest land [3]	608	601	728	723	703	655	648	648
Special uses [4]	.....	.....	147	174	203	320	335	340
Other land	179	194	305	291	301	224	227	224
Total land area [5]	1,904	1,904	2,271	2,264	2,265	2,265	2,265	2,263

[1] Cropland harvested, crop failure, and cultivated summer fallow. [2] Grassland and other nonforest pasture and range. [3] Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. [4] Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. [5] Remeasurement and increases in reserviors account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

ERS, Resource Economics Division, (202)694–5528. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

Table 9-14.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 1993–97 [1]

State	Mar. 1, 1970	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996	Jan. 1, 1997
	Dol.	*Dol.*	*Dol.*	*Dol.*	*Dol.*	*Dol.*
AL	200	1,000	1,117	1,262	1,387	1,480
AZ	70	316	325	347	399	420
AR	260	880	927	983	989	1,010
CA	479	2,213	2,213	2,215	2,404	2,510
CO	95	426	479	520	558	590
CT	921	5,959	6,495	6,567	6,810	7,500
DE	499	2,246	2,511	2,689	2,907	3,170
FL	355	2,037	2,165	2,219	2,306	2,300
GA	234	1,131	1,154	1,256	1,358	1,430
ID	177	682	774	836	905	960
IL	490	1,548	1,694	1,863	2,064	2,210
IN	406	1,395	1,504	1,654	1,801	1,970
IA	392	1,212	1,281	1,349	1,442	1,570
KS	159	463	503	535	553	575
KY	253	1,077	1,136	1,250	1,377	1,450
LA	321	972	1,000	1,082	1,176	1,230
ME	161	1,130	1,232	1,245	1,291	1,300
MD	640	2,911	3,310	3,707	3,826	4,000
MA	565	4,898	5,339	5,398	5,597	6,200
MI	326	1,131	1,214	1,329	1,470	1,600
MN	226	910	914	936	976	1,040
MS	234	777	836	886	917	950
MO	224	774	825	880	948	1,010
MT	60	227	254	277	289	305
NE	154	514	562	596	632	680
NV	53	252	268	289	332	350
NH	239	2,256	2,459	2,486	2,578	2,600
NJ	1,092	6,942	7,407	8,052	8,172	8,290
NM	42	194	208	225	258	280
NY	273	1,237	1,383	1,380	1,333	1,390
NC	333	1,573	1,609	1,749	1,970	2,050
ND	94	335	353	373	383	410
OH	399	1,456	1,593	1,800	1,989	2,110
OK	173	496	517	547	547	570
OR	150	663	747	844	928	1,000
PA	373	2,056	2,247	2,339	2,505	2,630
RI	734	6,304	6,871	6,947	7,204	7,900
SC	261	1,137	1,204	1,337	1,363	1,400
SD	84	273	286	302	310	325
TN	268	1,245	1,250	1,336	1,526	1,650
TX	148	499	522	550	570	600
UT	92	491	537	606	697	750
VT	224	1,342	1,463	1,479	1,534	1,550
VA	286	1,636	1,690	1,771	1,925	2,030
WA	224	892	1,025	1,065	1,117	1,230
WV	136	849	869	910	965	1,000
WI	232	925	968	1,065	1,175	1,250
WY	41	159	180	192	206	220
48 States	196	736	782	832	890	942

[1] Estimates for 1996 and prior years previously published by the Economic Research Service, USDA.
NASS, Livestock and Economic Branch, (202) 720–3570.

Table 9-15.—Cash rents, cropland and pasture: By States, 1997–98

State	1997				1998			
	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	...	...	16.50	36.00	...	...	15.50
AZ	...	112.00	...	...	...	134.00	...	...
AR	...	73.00	53.00	...	...	80.00	55.00	...
CA	...	218.00	...	...	...	235.00	...	18.00
CO	...	...	...	...	...	86.00	22.60	5.00
CT	...	...	...	...	...	...	...	...
DE	60.00	...	...	...	58.00	...	...	...
FL	...	...	31.00	15.50	...	...	30.00	17.50
GA	...	71.00	36.80	21.70	...	88.60	37.40	20.60
ID	...	109.00	44.10	...	...	110.00	45.00	...
IL	109.00	...	...	35.00	111.00	...	...	42.00
IN	97.30	...	...	...	98.00	...	...	...
IA	110.00	...	...	31.10	113.00	...	...	35.00
KS	...	69.00	34.50	11.60	...	67.00	35.50	13.00
KY	70.00	...	...	...	65.00	...	...	...
LA	...	70.60	48.00	13.00	...	60.00	49.00	16.00
ME	...	...	...	...	...	...	...	...
MD	51.30	...	...	...	55.00	...	...	...
MA	...	...	...	...	...	...	...	...
MI	57.30	...	...	...	60.00	...	...	...
MN	75.60	...	...	16.00	77.40	...	...	16.00
MS	...	71.20	49.00	16.40	...	67.30	47.90	14.50
MO	...	...	56.00	19.00	...	...	56.00	18.00
MT	...	...	17.00	5.00	...	51.80	16.50	4.00
NE	...	116.00	63.40	10.40	...	117.00	65.70	10.70
NV	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...
NJ	47.10	...	...	...	50.60	...	...	...
NM	...	...	...	1.30	...	...	...	1.50
NY	29.20	...	...	15.20	35.00	...	...	...
NC	42.00	...	...	23.00	43.00	...	...	23.00
ND	35.00	...	...	9.00	35.00	...	...	9.50
OH	72.50	...	...	...	73.20	...	...	...
OK	...	...	26.60	8.10	...	...	25.60	7.80
OR	...	110.00	64.00	...	...	110.00	66.00	...
PA	41.00	...	...	37.60	40.00	...	...	37.00
RI	...	...	...	...	...	...	...	...
SC	24.00	...	...	...	23.00	...	...	...
SD	...	...	35.00	9.20	...	...	36.50	9.70
TN	43.00	...	...	16.00	33.60	...	...	18.00
TX	...	50.00	17.50	5.60	...	51.00	20.00	6.60
UT	...	60.00	...	...	...	60.00	...	10.00
VT	...	...	...	...	...	...	...	...
VA	36.50	...	...	16.00	35.00	...	...	15.50
WA	...	144.00	...	...	...	147.00	...	...
WV	32.00	...	...	...	31.00	...	...	...
WI	55.00	...	...	30.00	60.00	...	...	34.00
WY	...	...	...	...	...	...	...	...

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-16.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1988–97

Item	1988[1]	1989	1990	1991	1992
ASSETS	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Physical assets:					
Real estate	582.7	600.8	620.0	625.5	642.8
Non-real estate:					
Livestock[2]	62.2	66.2	70.9	68.1	71.0
Machinery and motor vehicles	81.0	84.1	86.3	85.9	85.4
Crops stored on and off farms[3]	23.6	23.9	23.2	22.2	24.2
Purchased inputs	3.5	2.6	2.8	2.6	3.9
Financial assets:					
Investments in cooperatives	25.1	26.3	27.5	28.6	29.5
Other[4]	10.3	10.5	10.8	11.9	13.6
Total[5]	788.4	814.4	841.5	844.9	870.3
CLAIMS					
Liabilities:					
Real estate debt	77.8	76.0	74.7	74.9	75.4
Non-real estate debt to—					
Reporting institutions[6]	50.0	49.6	50.5	51.3	50.4
Nonreporting creditors[7]	11.7	12.2	12.7	13.0	13.2
Total liabilities[5]	139.6	137.9	138.0	139.2	139.1
Proprietors' equity	648.8	676.6	703.5	705.7	731.3
Total[5]	788.4	814.4	841.5	844.9	870.3

Item	1993	1994	1995	1996	1997[8]
ASSETS	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Physical assets:					
Real estate	673.7	706.9	755.7	799.5	849.2
Non-real estate:					
Livestock[2]	72.8	67.9	57.8	60.5	66.8
Machinery and motor vehicles	86.5	87.5	88.5	88.9	88.1
Crops stored on and off farms[3]	23.3	23.3	27.4	31.7	29.9
Purchased inputs	3.8	5.0	3.4	4.4	5.1
Financial assets:					
Investments in cooperatives	30.6	30.7	31.4	31.3	31.7
Other[4]	15.7	16.9	17.7	17.8	18.0
Total[5]	906.4	938.3	981.9	1033.9	1088.8
CLAIMS					
Liabilities:					
Real estate debt	76.0	77.7	79.3	81.7	85.4
Non-real estate debt to—					
Reporting institutions[6]	51.7	53.9	55.3	57.0	61.2
Nonreporting creditors[7]	14.2	15.2	16.2	17.4	18.8
Total liabilities[5]	142.0	146.8	150.8	156.1	165.4
Proprietors' equity	764.4	791.5	831.1	877.8	923.4
Total[5]	906.4	938.3	981.9	1033.9	1088.8

[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 9-17.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions, 1998 [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. 11–17, 1998					
Northeast I	32	8.60	6.22	6.96	7.54
Northeast II	20	7.45	6.08	6.80	7.51
Appalachian I	20	6.50	6.66	6.57	6.97
Appalachian II	23	6.44	5.71	6.10	6.33
Southeast	31	7.13	6.09	6.70	7.21
FL	51	7.45	8.00	7.49	8.22
Lake	41	7.74	7.16	7.35	8.32
Cornbelt I	32	7.51	7.62	7.57	8.31
Cornbelt II	26	6.82	6.43	6.50	7.08
Delta	27	6.94	6.30	6.70	7.21
N. Plains	33	8.34	7.38	7.65	8.22
S. Plains	52	6.59	6.65	6.61	7.04
Mountain I	19	6.53	6.80	6.74	7.26
Mountain II	14	7.22	6.89	7.00	7.65
Mountain III	17	6.63	6.61	6.63	7.34
Pacific	36	7.67	8.16	7.81	8.86
CA	180	6.62	8.36	6.85	7.38
HI	7	8.88	([5])	8.84	10.24
US (49 States)	661	6.99	6.97	6.98	7.61
Apr. 12–18, 1998					
Northeast I	37	8.01	6.09	7.29	7.55
Northeast II	29	7.05	6.29	6.88	7.44
Appalachian I	26	6.51	6.96	6.65	7.02
Appalachian II	28	6.47	6.09	6.35	6.53
Southeast	35	6.20	6.26	6.21	6.48
FL	57	6.75	7.20	6.78	7.57
Lake	59	7.39	7.43	7.41	8.06
Cornbelt I	47	7.39	8.13	7.62	8.14
Cornbelt II	32	7.49	7.23	7.37	7.64
Delta	31	5.87	6.74	6.04	6.30
N. Plains	41	7.55	6.62	7.15	7.63
S. Plains	58	6.20	6.29	6.25	6.72
Mountain I	20	6.51	5.92	6.21	6.46
Mountain II	19	6.80	7.14	6.97	7.43
Mountain III	19	6.32	6.52	6.36	7.02
Pacific	64	7.00	8.49	7.21	7.89
CA	194	7.30	8.08	7.39	7.87
HI	7	9.06	([5])	8.95	10.43
US (49 States)	803	7.00	6.99	7.00	7.49

See footnotes at end of table.

Table 9-17.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions[1] [2], 1998—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 12–18, 1998					
Northeast I	48	7.27	6.80	7.12	7.59
Northeast II	47	6.95	6.20	6.75	7.22
Appalachian I	66	6.24	7.12	6.34	6.70
Appalachian II	38	6.07	6.54	6.24	6.59
Southeast	45	6.02	5.82	5.99	6.22
FL	45	7.25	6.90	7.21	8.08
Lake	72	6.95	6.41	6.77	7.01
Cornbelt I	50	7.45	7.52	7.47	7.84
Cornbelt II	28	6.61	7.62	7.02	7.52
Delta	40	6.20	6.83	6.36	6.75
No. Plains	45	6.73	6.51	6.69	7.08
So. Plains	63	5.98	5.98	5.98	6.32
Mountain I	31	6.05	6.47	6.13	6.26
Mountain II	30	6.13	7.08	6.39	6.95
Mountain III	22	6.11	6.74	6.22	6.65
Pacific	95	6.77	8.70	6.91	7.27
CA	298	7.10	8.05	7.19	7.72
HI	8	8.82	(5)	8.91	10.30
US (49 States)	1,071	6.78	6.91	6.80	7.24
October 11–17, 1998					
Northeast I	43	7.52	6.90	7.32	7.82
Northeast II	32	7.11	6.74	6.98	7.59
Appalachian I	44	6.60	7.38	6.73	7.08
Appalachian II	27	6.23	6.92	6.40	6.73
Southeast	38	6.46	6.45	6.46	6.63
FL	47	7.10	7.30	7.13	7.82
Lake	59	8.23	7.40	7.99	8.45
Cornbelt I	53	7.43	7.76	7.49	7.90
Cornbelt II	28	7.23	8.20	7.56	8.03
Delta	40	5.85	7.07	6.05	6.48
No. Plains	33	7.65	6.03	7.24	7.57
So. Plains	53	6.14	6.58	6.28	6.77
Mountain I	33	6.89	6.72	6.85	7.03
Mountain II	23	6.37	7.33	6.82	7.32
Mountain III	25	6.55	6.33	6.52	7.00
Pacific	85	7.76	8.76	7.86	8.25
CA	312	7.29	7.99	7.34	7.75
HI	8	9.20	(5)	9.17	10.65
US (49 States)	983	7.15	7.28	7.17	7.60

[1] Excludes agricultural service workers. [2] Includes all persons doing work for pay during the survey week. [3] Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA. [4] Includes field, livestock, supervisors, and other workers doing work for pay during the survey week. [5] Insufficient data.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-18.—Farm labor: Number of workers on farms and average wage rates, United States, 1989–99 [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*
1989.					
Jan	2,474	1,621	152	701	5.51
Apr	2,805	1,777	198	830	5.35
July	3,799	2,251	351	1,197	5.23
Oct	3,384	2,093	308	983	5.42
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	.....	1,947	(5)	880	7.47
1999.					
Jan	(6)	(6)	155	689	7.90

[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.—Hired farmworkers: Number of Workers and Median Weekly Earnings, 1995–97 [1 2]

Characteristics	Workers			Median Weekly Earnings [3]		
	1995 [4]	1996 [4]	1997	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*
All workers	849	906	889	247	250	250
15–19 years old	124	155	141	120	100	110
20–24 years old	132	98	131	250	225	240
25–34 years old	227	218	216	250	284	280
35–44 years old	148	199	190	269	280	280
45–54 years old	118	123	114	260	260	276
55 years old and older	100	113	96	227	241	260
Male	718	763	741	248	250	260
Female	131	143	148	200	188	204
White [5]	455	534	465	231	248	240
Black and other races [5]	45	46	59	204	220	250
Hispanic	349	326	365	245	250	252
Schooling completed [6]						
Less than 5th grade	121	119	109	230	250	254
5th-8th grade	191	181	196	231	240	240
9th-12th grade (no diploma)	193	219	220	200	200	200
High school diploma	220	230	198	280	275	277
Beyond high school	125	157	165	300	320	315
Full-time (35 or more hours per week)	694	703	725	260	280	277
Part-time (less than 35 hours per week)	155	203	164	95	100	100

[1] Represents average number of persons 15 years old and over in the civilian noninstitutional population who were employed per week as hired farmworkers. Based on the Current Population Survey microdata earnings file. [2] Data for 1994 and 1995 are not directly comparable with data for 1993 and earlier years because of survey redesign. [3] ''Median weekly earnings'' is the value that divides the earnings into two equal parts, one part having earnings above the median and the other part having earnings below the median. ''Earnings'' refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions. [4] Revised. [5] Excludes persons of Hispanic origin. [6] Educational attainment levels, prior to January 1992, reflected years of schooling completed rather than degrees or diplomas received.

ERS, Food Assistance, Poverty, and Well Being Branch, (202) 694–5438.

Table 9-20.—Crops: Area, United States, 1989–98

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*
1989	91,081	65,360	304,574	331,152	2,624.5	3,506.9
1990	89,517	72,301	307,768	326,337	2,671.5	3,504.7
1991	91,921	60,979	303,352	325,362	2,643.8	3,486.4
1992	95,908	66,284	306,652	326,453	3,323.2	3,586.6
1993	82,405	65,926	295,503	319,518	3,260.2	3,677.0
1994	92,071	65,493	307,905	323,699	3,531.9	3,748.4
1995	82,694	64,433	301,349	318,289	3,432.3	3,825.6
1996	93,817	65,968	313,202	333,682	3,371.8	3,919.2
1997	90,840	66,259	317,662	332,072	3,272.7	4,003.7
1998	88,959	62,737	310,847	329,323	3,299.8	3,954.1

[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, persimmons, pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios.

NASS, Crops Branch, (202) 720–2127.

Table 9-21.—Crops: Area, yield, production, and value, United States, 1996–98 [1]

Crop	Area harvested [2]			Yield per harvested acre [3]			
	1996	1997	1998 [4]	Unit	1996	1997	1998 [4]
	1,000 acres	*1,000 acres*	*1,000 acres*				
Grains & Hay:							
Barley [5]	6,707.0	6,198.0	5,867.0	Bushel	58.5	58.1	60.1
Corn for Grain	72,644.0	72,671.0	72,604.0	Bushel	127.1	126.7	134.4
Corn for Silage	560.0	6,054.0	5,919.0	Ton	15.4	16.1	16.0
Hay, All	61,169.0	61,084.0	60,016.0	Ton	2.45	2.50	2.52
Alfalfa	24,206.0	23,551.0	23,642.0	Ton	3.27	3.33	3.47
All Other	36,963.0	37,533.0	36,374.0	Ton	1.91	1.97	1.91
Oats [5]	2,655.0	2,813.0	2,765.0	Bushel	57.7	59.5	60.4
Rice	2,804.0	3,103.0	3,317.0	Pound	6,120	5,897	5,669
Rye [5]	345.0	316.0	418.0	Bushel	25.9	25.7	28.2
Sorghum for Grain	11,811.0	9,158.0	7,723.0	Bushel	67.3	69.2	67.3
Sorghum for Silage	423.0	412.0	305.0	Ton	11.8	13.1	11.4
Wheat, All [5]	62,819.0	62,840.0	59,002.0	Bushel	36.3	39.5	43.2
Winter [5]	39,574.0	41,340.0	40,126.0	Bushel	37.1	44.6	46.9
Durum [5]	3,556.0	3,177.0	3,728.0	Bushel	32.6	27.6	37.8
Other Spring [5]	19,689.0	18,323.0	15,148.0	Bushel	35.1	29.9	34.9
Oilseeds:							
Canola	347.0	631.0	1,092.0	Pound	1,385	1,237	1,455
Cottonseed	.....	.....	.....	Ton	.....	.....	.....
Flaxseed	92.0	146.0	329.0	Bushel	17.4	16.6	20.4
Mustard Seed	18.6	74.7	95.6	Pound	785	793	855
Peanuts	1,380.0	1,413.8	1,465.5	Pound	2,653	2,503	2,683
Rapeseed	2.2	1.4	4.7	Pound	1,470	1,243	1,353.0
Safflower	210.0	215.0	285.0	Pound	1,892	1,822	1,446.0
Soybeans for Beans	63,349.0	69,110.0	70,811.0	Bushel	37.6	38.9	38.9
Sunflower	2,479.0	2,792.0	3,476.0	Pound	1,436	1,317	1,509
Cotton, Tobacco & Sugar Crops:							
Cotton, All	12,888.1	13,406.0	10,722.5	Pound	705	673	618
Upland	12,632.2	13,157.0	10,486.0	Pound	700	666	612
Amer-Pima	255.9	249.0	236.5	Pound	991	1,056	873
Sugarbeets	1,323.3	1,428.3	1,451.6	Ton	20.2	20.9	22.5
Sugarcane	888.9	914.0	949.5	Ton	33.1	34.7	35.5
Tobacco	733.1	836.2	726.9	Pound	2,072	2,137	2,104
Dry Beans, Peas & Lentils:							
Austrian Winter Peas	7.3	7.6	7.4	Pound	1,411	1,513	1,405
Dry Edible Beans	1,750.7	1,758.8	1,913.9	Pound	1,594	1,670	1,611
Dry Edible Peas	204.9	281.6	309.1	Pound	1,304	2,043	1,920
Lentils	140.0	183.0	158.5	Pound	952	1,315	1,223
Wrinkled Seed Peas	NA	NA	NA	NA	NA	NA	NA
Potatoes & Misc.:							
Coffee (HI)	5.4	5.8	6.1	Pound	1,190	1,620	1,480
Ginger Root (HI)	0.2	0.3	0.4	Pound	47,000	44,000	50,000
Hops	44.2	43.3	36.6	Pound	1,698	1,729	1,625
Peppermint Oil	132.0	135.6	124.0	Pound	72	74	78
Potatoes, All	1,425.9	1,353.6	1,394.4	Cwt	350	345	343
Winter	14.5	16.0	15.0	Cwt	226	214	199
Spring	90.0	87.5	90.6	Cwt	249	255	233
Summer	73.2	65.0	68.8	Cwt	262	280	280
Fall	1,248.2	1,185.1	1,220.0	Cwt	364	357	356
Spearmint Oil	23.1	25.5	27.4	Pound	94	96	109
Sweet Potatoes	83.7	82.1	83.8	Cwt	158	162	142
Taro (HI)	0.5	0.5	0.5	Pound	.....	.....	.....
Apples, commercial crop [6]	467,550	467,950	467,700	Ton	11.10	11.00	11.70
Apricots [6]	21,580	21,400	20,880	Ton	3.67	6.51	5.67
Avocados [6 8]	65,800	66,050	NA	Ton	2.90	2.70	NA
Bananas [6]	960	950	1,100	Ton	6.77	7.26	9.09
Berries [6]	57,280	60,790	61,090	Ton	2.04	2.58	2.40
Cherries, sweet [6]	54,780	56,640	57,290	Ton	2.81	3.99	3.66
Cherries, tart [6]	42,550	40,330	40,320	Ton	3.19	3.63	4.33
Cranberries [6]	34,000	35,700	36,700	Ton	6.87	7.70	7.34
Dates [6]	4,680	4,800	4,900	Ton	4.91	4.38	4.53
Figs [6 7]	15,400	16,400	16,600	Ton	2.95	3.51	2.42
Grapes [6]	808,830	835,270	865,270	Ton	6.87	8.73	6.47
Guava [6]	750	730	NA	Ton	10.90	10.90	NA
Kiwifruit [6]	5,700	5,300	5,300	Ton	5.53	6.60	6.53
Nectarines [6]	35,000	36,000	36,500	Ton	7.06	7.33	6.30
Olives [6]	33,700	35,300	35,300	Ton	4.93	2.95	2.55
Papayas [6]	1,835	1,985	2,200	Ton	11.40	9.77	8.86
Peaches [6]	164,335	157,750	159,340	Ton	6.40	8.32	7.61
Pears [6]	68,700	66,880	66,180	Ton	11.90	15.60	14.00
Pineapples [6]	20,000	19,900	21,000	Ton	NA	NA	NA
Plums (California) [6]	42,600	42,000	42,000	Ton	5.35	5.86	4.45
Prunes, dried (California) [6]	85,000	82,000	81,000	Ton	8.28	7.65	4.07
Prunes and plums, fresh basis (excluding California) [6].	5,190	4,720	4,470	Ton	3.76	5.40	5.73
Strawberries [6]	47,670	44,260	45,230	Ton	17.10	18.40	18.70

See footnotes at end of table.

Table 9-21.—Crops: Area, yield, production, and value, United States, 1996–98 [1]—Continued

Crop	Production				Value of production		
	Unit	1996	1997	1998 [4]	1996	1997	1998 [4]
		Thousands	*Thousands*	*Thousands*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Grains & Hay:							
Barley [5]	Bushel	392,433	359,878	352,445	1,080,940	861,620	663,773
Corn for Grain	Bushel	9,232,557	9,206,832	9,761,085	25,149,013	22,351,507	19,092,590
Corn for Silage	Ton	86,581	97,192	94,525	.....	.....	.....
Hay, All	Ton	149,779	152,536	151,338	12,726,992	13,249,825	11,720,420
Alfalfa	Ton	79,139	78,535	82,010	7,800,171	8,099,822	7,043,824
All Other	Ton	70,640	74,001	69,328	4,926,821	5,150,003	4,676,596
Oats [5]	Bushel	153,245	167,246	167,122	313,920	273,284	188,295
Rice	Cwt	171,599	182,992	188,051	1,690,270	1,756,136	1,617,954
Rye [5]	Bushel	8,936	8,132	11,795	33,118	30,120	29,879
Sorghum for Grain	Bushel	795,274	633,545	519,933	1,986,316	1,408,909	952,514
Sorghum for Silage	Ton	4,976	5,385	3,487	.....	.....	.....
Wheat, All [5]	Bushel	2,277,388	2,481,466	2,550,383	9,782,238	8,286,741	6,931,996
Winter [5]	Bushel	1,469,618	1,845,528	1,880,605	6,396,217	5,948,655	4,774,374
Durum [5]	Bushel	116,090	87,783	141,069	541,993	422,497	515,152
Other Spring [5]	Bushel	691,680	548,155	528,709	2,844,028	1,915,589	1,642,470
Oilseeds:							
Canola	Pound	480,521	780,710	1,588,620	62,048	88,227	163,331
Cottonseed	Ton	7,144	6,935	5,182	914,564	835,371	661,876
Flaxseed	Bushel	1,602	2,420	6,708	10,197	14,046	34,082
Mustard Seed	Pound	14,601	59,273	81,750	2,460	9,402	11,140
Peanuts	Pound	3,661,205	3,539,380	3,931,275	1,029,774	1,002,703	1,008,488
Rapeseed	Pound	3,234	1,740	6,360	429	230	656
Safflower	Pound	397,415	391,790	412,085	71,964	60,491	58,309
Soybeans for Beans	Bushel	2,380,274	2,688,750	2,756,794	17,439,971	17,372,628	14,659,646
Sunflower	Pound	3,559,343	3,676,952	5,246,701	414,842	426,766	524,654
Cotton, Tobacco & Sugar Crops:							
Cotton, All	Bale	18,942.0	18,793.0	13,796.2	6,408,144	5,975,585	4,321,585
Upland	Bale	18,413.5	18,245.0	13,366.2	6,136,592	5,708,940	4,118,314
Amer-Pima	Bale	528.5	548.0	430.0	271,552	266,645	203,271
Sugarbeets	Ton	26,680	29,886	32,660	1,211,001	1,160,029	.....
Sugarcane	Ton	29,464	31,709	33,717	833,297	890,257	.....
Tobacco	Pound	1,518,704	1,787,399	1,529,647	2,853,739	3,217,176	2,808,636
Dry Beans, Peas & Lentils:							
Austrian Winter Peas	Pound	103	115	104	1,329	1,231	832
Dry Edible Beans	Pound	27,912	29,370	30,828	652,240	576,658	604,888
Dry Edible Peas	Pound	2,671	5,752	5,934	29,638	42,658	34,972
Lentils	Pound	1,333	2,406	1,938	22,758	31,351	19,938
Wrinkled Seed Peas	NA	548	682	674	8,877	10,743	9,535
Potatoes & Misc.:							
Coffee (HI)	Pound	6,400	9,400	9,000	20,800	28,200	27,000
Ginger Root (HI)	Pound	9,400	12,100	18,000	7,050	8,107	7,200
Hops	Pound	74,970.5	74,872.1	59,547.8	123,530	119,840	96,756
Peppermint Oil	Pound	9,446	9,971	9,727	128,778	128,846	112,528
Potatoes, All	Cwt	499,254	467,091	477,754	2,425,263	2,621,733	2,492,654
Spearmint Oil	Pound	2,167	2,441	2,987	26,094	29,128	32,648
Sweet Potatoes	Cwt	13,216	13,327	11,887	190,529	211,177	187,327
Taro (HI)	Pound	5,700	5,500	6,000	2,793	2,805	3,180
Apples, commercial crop	Ton	5,191.0	5,161.9	5,471.8	1,641,462	1,575,403	1,226,380
Apricots	Ton	79.3	139.2	118.3	35,171	43,072	35,274
Avocados [8]	Ton	190.7	178.3	NA	272,784	277,754	.....
Bananas [11]	Ton	6.5	6.9	10.0	5,200	5,206	7,000
Berries	Ton	119.0	162.0	151.5	218,381	223,901	196,243
Cherries, sweet	Ton	154.1	225.8	209.7	223,022	278,511	225,626
Cherries, tart	Ton	135.9	146.5	174.4	41,747	44,911	.....
Cranberries	Ton	233.6	274.9	269.4	307,827	350,146	.....
Dates	Ton	23.0	21.0	22.2	25,070	23,100	25,086
Figs [7]	Ton	45.5	57.5	40.2	12,894	15,209	9,687
Grapes	Ton	5,553.6	7,290.9	5,595.6	2,376,111	3,122,195	2,492,306
Guava [11]	Ton	8.2	8.0	NA	2,249	1,940	.....
Kiwifruit	Ton	31.5	35.0	34.6	13,157	16,483	.....
Nectarines	Ton	247.0	264.0	230.0	116,977	98,895	108,502
Olives	Ton	166.0	104.0	90.0	102,364	66,801	40,346
Papayas [11]	Ton	20.9	19.4	19.5	17,054	18,978	12,370
Peaches	Ton	1,052.3	1,312.3	1,212.9	389,894	444,137	442,939
Pears	Ton	820.6	1,042.5	926.2	308,367	287,822	276,688
Pineapples [11]	Ton	347.0	324.0	332.0	95,914	91,721	92,776
Plums (California)	Ton	228.0	246.0	187.0	95,831	76,825	98,858
Prunes, dried (California)	Ton	704.0	627.3	329.6	187,097	163,590	.....
Prunes and plums, fresh basis (excluding California).	Ton	19.5	25.5	25.6	8,272	6,481	7,707
Strawberries	Ton	813.0	814.4	844.3	768,943	903,350	1,027,929

See footnotes at end of table.

Table 9-21.—Crops: Area, yield, production, and value, United States, 1996–98 [1]—Continued

Crop	Area harvested [2]			Yield per harvested acre [3]			
	1996	1997	1998 [4]	Unit	1996	1997	1998 [4]
	Acres	*Acres*	*Acres*				
Oranges [9]	808,050	842,800	824,100	Box	327	347	389
Grapefruit [9]	174,370	182,900	172,400	Box	380	384	372
Lemons [9]	60,600	61,300	62,600	Box	431	411	393
Limes [9]	2,000	2,100	2,700	Box	150	152	163
Tangerines [9]	38,600	42,500	41,600	Box	210	222	197
Tangelos [9]	12,700	13,300	12,200	Box	193	297	234
Temples [9]	6,600	6,700	6,200	Box	326	358	363
K-Early Citrus [9]	300	400	300	Box	533	375	133
Almonds	428,000	442,000	454,000	Ton	0.96	1.34	1.04
Hazelnuts (filberts)	28,600	29,000	29,530	Ton	0.66	1.62	0.52
Macadamia nuts	19,200	19,200	19,200	Ton	1.47	1.51	1.38
Pecans	NA	NA	NA	Ton	NA	NA	NA
Pistachios	64,300	65,400	65,900	Ton	0.82	1.38	1.43
Walnuts	192,000	193,000	193,000	Ton	1.08	1.39	1.14
Commercial Vegetables:							
Fresh Market							
Artichokes	8,900	9,300	10,700	Cwt	100	100	85
Asparagus [10]	73,560	74,030	74,930	Cwt	27	27	27
Beans, lima	3,200	2,500	2,000	Cwt	29	30	20
Beans, snap	82,860	82,660	87,900	Cwt	48	46	55
Broccoli [10]	133,500	130,800	133,000	Cwt	118	129	138
Brussel sprouts	3,800	3,200	3,200	Cwt	180	160	160
Cabbage	71,920	75,230	76,180	Cwt	318	336	318
Cantaloups	101,140	102,710	105,360	Cwt	213	203	215
Carrots [10]	113,660	111,380	112,500	Cwt	292	347	334
Cauliflower [10]	48,200	43,500	45,800	Cwt	153	158	156
Celery	27,840	26,910	27,200	Cwt	683	673	677
Corn, sweet	227,800	236,400	235,760	Cwt	102	100	105
Cucumbers	56,600	57,450	57,680	Cwt	174	201	199
Eggplant	3,100	3,300	3,200	Cwt	230	240	240
Escarole/endive	3,560	3,100	2,930	Cwt	172	179	198
Garlic	35,000	33,000	34,000	Cwt	175	170	145
Honeydew melons	27,300	26,600	26,700	Cwt	174	182	191
Lettuce, head	220,700	205,400	205,000	Cwt	285	370	320
Lettuce, leaf	41,330	48,610	49,920	Cwt	222	214	222
Lettuce, Romaine	32,800	34,350	40,450	Cwt	261	287	284
Onions	166,210	165,910	164,140	Cwt	386	414	397
Peppers, bell	66,100	56,200	56,780	Cwt	252	266	252
Spinach	17,800	22,700	23,000	Cwt	109	144	130
Tomatoes	120,640	115,190	114,510	Cwt	279	285	273
Watermelons	199,260	179,300	173,190	Cwt	214	223	213
Processing:							
Beans, lima	50,800	54,430	50,740	Ton	1.48	1.47	1.46
Beans, snap	207,050	195,080	191,000	Ton	3.79	3.74	3.71
Beets	10,210	7,560	6,690	Ton	12.33	16.36	15.77
Cabbage for sauerkraut	7,290	5,490	6,750	Ton	19.47	33.46	24.97
Carrots	25,720	22,360	23,780	Ton	22.96	25.47	23.10
Corn, sweet	474,200	465,800	467,300	Ton	6.95	7.18	6.96
Cucumbers for pickles	105,200	103,370	102,070	Ton	5.36	6.00	6.03
Peas, green	249,800	271,200	273,000	Ton	1.67	1.77	1.77
Spinach	15,610	14,320	12,700	Ton	9.22	8.92	8.68
Tomatoes	339,140	283,390	299,760	Ton	33.64	35.19	31.34

See footnotes at end of table.

Table 9-21.—Crops: Area, yield, production, and value, United States, 1996–98 [1]—Continued

Crop	Production				Value of production		
	Unit	1996	1997	1998 [4]	1996	1997	1998 [4]
		Thousands	*Thousands*	*Thousands*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Oranges [9 12]	Box	263,890	292,620	320,525	1,821,579	1,834,089	2,000,075
Grapefruit [9 12]	Box	66,200	70,200	64,150	288,532	282,775	233,832
Lemons [9 12]	Box	26,100	25,200	24,600	261,281	302,410	243,056
Limes [9 12]	Box	300	320	440	3,914	3,816	4,410
Tangerines [9 12]	Box	8,100	9,450	8,200	110,573	119,185	96,389
Tangelos [9 12]	Box	2,450	3,950	2,850	15,100	18,759	11,486
Temples [9 12]	Box	2,150	2,400	2,250	14,024	12,541	11,004
K-Early Citrus [9 12]	Box	160	150	40	771	592	40
Almonds	Ton	412.0	593.9	469.3	1,018,368	1,160,640	898,200
Hazelnuts (filberts)	Ton	19.0	47.0	15.5	16,341	42,267	15,238
Macadamia nuts	Ton	28.3	29.0	26.5	44,070	43,500	35,510
Pecans	Ton	104.8	167.5	77.5	134,355	259,220	190,744
Pistachios	Ton	52.5	90.0	94.0	121,800	203,400	186,120
Walnuts	Ton	208.0	269.0	227.0	328,640	384,670	NA
Commercial Vegetables:							
Fresh Market							
Artichokes	Cwt	890	930	910	65,416	73,910	62,899
Asparagus [10]	Cwt	1,989	2,026	2,046	156,623	182,390	210,672
Beans, lima	Cwt	93	75	40	2,883	2,475	1,280
Beans, snap	Cwt	3,964	3,805	4,842	166,559	154,414	233,551
Broccoli [10]	Cwt	15,693	16,880	18,398	415,695	481,459	554,338
Brussel sprouts	Cwt	684	512	512	20,120	21,180	22,249
Cabbage	Cwt	22,900	25,267	24,196	228,972	273,032	312,769
Cantaloups	Cwt	21,572	20,840	22,626	393,333	374,110	419,559
Carrots [10]	Cwt	33,236	38,589	37,549	443,863	497,202	461,423
Cauliflower [10]	Cwt	7,354	6,889	7,167	237,342	217,534	245,629
Celery	Cwt	19,015	18,119	18,418	199,877	266,321	224,012
Corn, sweet	Cwt	23,127	23,641	24,798	390,737	418,617	436,828
Cucumbers	Cwt	9,836	11,571	11,488	186,590	204,674	223,839
Eggplant	Cwt	713	793	768	19,150	18,980	21,595
Escarole/endive	Cwt	612	556	580	13,377	13,235	18,176
Garlic	Cwt	6,125	5,610	4,930	196,333	268,776	171,621
Honeydew melons	Cwt	4,737	4,828	5,112	80,405	91,040	103,680
Lettuce, head	Cwt	62,677	75,094	65,525	912,586	1,324,119	994,483
Lettuce, leaf	Cwt	9,188	10,387	11,088	246,628	299,250	323,074
Lettuce, Romaine	Cwt	8,568	9,858	11,500	161,676	190,944	254,293
Onions	Cwt	64,106	68,769	65,131	604,789	728,772	830,976
Peppers, bell	Cwt	16,639	14,959	14,309	466,151	479,512	483,222
Spinach	Cwt	1,934	3,265	2,980	56,735	102,322	108,747
Tomatoes	Cwt	33,634	32,777	31,258	947,031	1,040,382	1,095,451
Watermelons	Cwt	42,724	39,923	36,889	270,179	305,017	284,525
Processing:							
Beans, lima	Ton	75,050	80,070	73,960	34,139	36,647	33,335
Beans, snap	Ton	784,920	729,250	707,770	139,755	128,032	119,840
Beets	Ton	125,870	123,700	105,530	8,092	8,245	6,467
Cabbage for sauerkraut	Ton	141,920	183,670	168,550	6,029	8,299	7,440
Carrots	Ton	590,460	569,450	549,280	39,526	38,396	37,537
Corn, sweet	Ton	3,296,330	3,342,330	3,250,730	258,840	250,329	239,385
Cucumbers for pickles	Ton	563,689	620,100	615,310	139,985	145,371	139,891
Peas, green	Ton	417,672	480,090	483,840	118,910	138,496	136,622
Spinach	Ton	143,850	127,690	110,190	14,465	13,347	14,144
Tomatoes	Ton	11,407,301	9,973,259	9,394,810	711,043	605,107	542,510

[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 fruits. Nut acreage is actual acreage. [3] Yield per bearing acre for noncitrus fruits. [4] Preliminary. [5] Includes area seeded in preceding fall. [6] Actual acres. [7] Fresh basis. [8] Year of bloom. [9] Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. [10] For breakdown between fresh market and processing, see individual crop tables. [11] Utilized production. [12] Equivalent packinghouse–door returns. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 9-22.—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 9-23.—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 9-24.—Livestock and livestock products: Production and value, United States, 1995–97

Product	Production [1]			Value of production		
	1995 [2]	1996 [2]	1997 [2]	1995 [2]	1996 [2]	1997 [2]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Cattle and calves	42,713,767	41,328,808	41,060,249	24,830,132	22,276,583	24,892,648
Sheep and lambs	599,392	565,669	591,308	409,900	434,998	478,449
Hogs	24,425,501	23,267,241	24,094,229	9,829,188	12,013,037	12,633,892
Broilers [3]	34,222,000	36,483,050	37,523,400	11,762,222	13,904,924	14,152,519
Turkeys	6,761,327	7,222,834	7,225,059	2,769,397	3,124,496	2,884,377
Milk	155,425,000	154,259,000	156,602,000	20,098,996	23,043,699	21,191,120
Wool (shorn)	63,513	56,669	53,889	64,277	39,659	45,172
Mohair [4]	12,019	8,045	6,929	22,089	15,486	15,563
	Millions	*Millions*	*Millions*			
Eggs	74,764	76,377	77,532	3,892,912	4,776,252	4,539,929

[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, OK, and TX.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 9-25.—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 9-26.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1988–97 [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*
1988	301.9	96.8	398.8	1993	379.6	109.6	489.2
1989	315.6	103.8	419.4	1994	402.6	109.6	512.2
1990	343.6	106.2	449.8	1995	415.7	113.8	529.5
1991	363.5	101.6	465.1	1996	424.5	122.2	546.7
1992	369.4	105.1	474.5	1997 [2]	444.1	120.0	561.1

[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 9-27.—Farm food products: Marketing costs, United States, 1988–97

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*
1988	137.9	32.6	17.8	14.1	12.0	87.5	301.9
1989	145.1	35.2	18.6	14.8	12.9	89.0	315.6
1990	154.0	36.5	19.8	15.2	13.2	104.9	343.6
1991	160.9	38.1	20.4	16.3	15.2	112.6	363.5
1992	168.4	40.1	20.6	16.7	15.7	107.9	369.4
1993	178.0	40.9	21.2	17.2	18.1	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	19.2	110.5	424.5
1997 [4]	216.2	48.7	23.6	20.0	18.4	114.2	441.4

[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 9-28.—Price components: Market basket of farm-originated food products by food group, United States, 1988–97 [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*
1988	116	100	125	30	122	93	126	9
1989	125	107	134	30	132	102	137	9
1990	134	113	145	30	140	91	147	8
1991	137	106	154	27	146	85	154	7
1992	138	103	157	26	152	94	160	8
1993	142	105	162	26	157	92	166	7
1994	145	101	169	24	164	103	171	8
1995	149	103	175	24	168	110	176	8
1996	156	111	180	25	174	126	181	9
1997 [5]	160	106	189	23	178	108	187	7

	Meat products				Fruits and vegetables, fresh			
	Index 1982–84=100	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*	*Index 1982–84=100*	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*
1988	112	100	125	45	137	112	150	27
1989	117	104	130	45	149	116	165	26
1990	129	117	140	46	163	126	181	26
1991	133	110	156	42	177	142	195	26
1992	131	105	158	41	174	122	199	23
1993	135	107	163	40	182	131	207	24
1994	135	96	176	36	191	119	225	21
1995	136	94	178	35	210	133	248	21
1996	140	100	181	36	216	133	257	20
1997 [5]	144	101	189	36	220	128	265	20

	Dairy products				Fats and oils			
	Index 1982–84=100	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*	*Index 1982–84=100*	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*
1988	108	91	125	40	113	103	117	24
1989	116	99	131	41	121	96	131	21
1990	127	102	150	39	126	107	133	23
1991	125	90	157	35	132	98	144	20
1992	129	96	159	36	130	93	143	19
1993	129	93	163	35	130	108	138	22
1994	132	94	166	34	134	126	137	25
1995	133	92	170	33	137	121	143	24
1996	142	107	174	36	141	112	151	22
1997 [5]	146	98	189	32	142	109	154	21

	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*
1988	121	110	133	49	118	137	112	28
1989	133	117	151	47	125	132	123	25
1990	133	108	161	44	133	144	129	26
1991	132	103	165	42	130	122	133	22
1992	131	104	163	42	134	129	135	23
1993	137	112	166	44	132	107	139	19
1994	142	115	173	43	135	113	141	20
1995	144	114	178	42	138	121	143	21
1996	152	126	183	44	144	122	152	20
1997 [5]	157	121	198	41	148	116	158	19

[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 9-29.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1996 and 1997

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1996 [2]	1997 [2]	1996	1997
		Dollars	*Dollars*	*Dollars*	*Dollars*
Basic commodities:					
Cotton:					
American Upland	pound	0.693	0.669	1.66	1.70
Extra long staple	pound	1.070	1.007	2.21	2.27
Wheat	bushel	4.30	3.38	8.98	9.44
Rice	cwt	9.96	9.75	24.70	25.60
Corn	bushel	2.71	2.60	5.97	6.33
Peanuts	pound	0.281	0.261	0.645	0.651
Tobacco:					
Flue-cured, types 11–14	pound	1.834	1.720	3.65	3.79
Va., fire-cured, type 21	pound	1.790	2.125	3.34	3.53
Ky.-Tenn., fire-cured, types 22–23	pound	2.245	2.256	4.33	4.59
Burley, type 31	pound	1.922	1.885	3.78	3.92
Maryland, type 32 [4]	pound	1.856	1.585	3.17	3.41
Dark air-cured, types 35–36	pound	1.952	2.017	3.59	3.83
Sun-cured, type 37	pound	1.782	1.908	2.99	3.17
Pa., seedleaf, type 41	pound	1.550	1.600	2.34	2.67
Cigar binder type 51	pound	6.279	7.414	5.42	6.50
Puerto Rican filler, type 46	pound	.....	.....	2.51	2.62
Cigar filler types 54–55	pound	1.486	1.505	2.88	3.15
Designated nonbasic commodities:					
All milk, sold to plants	cwt	14.75	13.36	27.90	29.20
Fluid market	cwt	14.79	13.40	.....	.....
Manufacturing grade	cwt	13.43	12.17	.....	.....
Honey, all	pound	0.888	0.752	1.18	1.30
Wool and mohair:					
Wool [5]	pound	0.70	0.84	4.10	4.09
Mohair [6]	pound	1.92	2.25	10.30	10.90
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	2.74	2.38	5.42	5.77
Beans, dry edible	cwt	23.50	17.70	47.40	49.70
Cottonseed	ton	126.00	121.00	216.00	232.00
Crude pine gum	barrel	.....	.....	202.00	211.00
Flaxseed	bushel	6.37	5.75	10.80	11.30
Hay, all, baled	ton	95.80	100.00	170.00	180.00
Hops	pound	1.65	1.58	3.56	3.62
Oats	bushel	1.96	1.60	3.33	3.59
Peas, dry edible	cwt	11.10	7.40	27.50	28.60
Peppermint oil	pounds	13.60	13.20	29.10	30.30
Popcorn, shelled basis	cwt	.....	.....	26.30	27.40
Potatoes	cwt	4.93	5.68	12.60	12.70
Rye	bushel	3.70	3.60	4.08	4.59
Sorghum grain	cwt	4.17	4.00	9.33	10.00
Soybeans	bushel	7.35	6.50	12.90	13.70
Spearmint oil	pound	12.00	12.00	28.20	28.90
Sweetpotatoes	cwt	14.40	15.80	19.60	18.90
Tobacco:					
Cigar wrapper, type 61	pound	.....	.....	39.40	39.10
Fruits:					
Citrus (equiv. on-tree): [7]					
Grapefruit	box	1.91	1.41	9.75	10.70
Lemons	box	8.36	6.24	17.90	17.40
Limes, Florida	box	6.93	5.02	20.50	19.70
Oranges	box	4.22	4.29	12.00	13.60
Tangelos, Florida	box	2.19	1.49	.....	.....
Tangerines	box	9.42	8.81	28.20	28.80
Temples, Florida	box	3.22	2.84	9.79	11.40
Deciduous and other:					
Apples:					
For all sales	pound	0.159	0.153	.....	.....
For fresh consumption [8]	pound	0.208	0.222	0.416	0.439
For processing [9]	ton	171.00	129.00	262.00	277.00
Apricots:					
For all sales	ton	444.00	332.00	.....	.....
For fresh consumption [10]	ton	1,170.00	554.00	2,340.00	2,230.00
Dried, California (dried basis) [9]	ton	2,240.00	1,810.00	4,500.00	4,680.00
For processing (except dried) [9]	ton	285.00	276.00	620.00	642.00
Avocados [10]	ton	1,400.00	1,360.00	2,480.00	2,140.00

See footnotes at end of table.

Table 9-29.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1996 and 1997—Continued

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1996 [2]	1997 [2]	1996	1997
		Dollars7	Dollars	Dollars	Dollars
Deciduous and other—Con.					
Berries for processing:					
Blackberries (Oregon)	pound	0.886	0.403	0.901	0.939
Boysenberries (California & Oregon)	pound	1.010	0.579	1.280	1.330
Gooseberries	pound	.....	.....	0.542	0.565
Loganberries (Oregon)	pound	0.988	1.190	0.876	0.914
Raspberries, black (Oregon)	pound	1.670	1.900	1.540	1.610
Raspberries, red (Oregon & Washington)	pound	0.772	0.489	1.230	1.280
Cherries:					
Sweet	ton....	1,470.00	1,250.00	2,030.00	2,230.00
Tart	pound....	0.161	0.156	0.427	0.550
Cranberries [11]	barrel....	.....	.....	103.00	108.00
Dates, California [10]	ton....	1,090.00	1,100.00	1,990.00	1,970.00
Figs, California	ton....	282.00	250.00	.....	.....
Grapes:					
For all sales	ton....	428.00	420.00	.....	.....
Raisin varieties dried, California (dried basis) [9]	ton....	1,070.00	763.00	1,960.00	2,080.00
Nectarines (California):					
For all sales	ton....	474.00	375.00	.....	.....
For fresh consumption [19]	ton....	.....	.....	905.00	933.00
For processing [19]	ton....	.....	.....	73.20	73.00
Olives (California): [12]					
For all sales	ton....	617.00	642.00	.....	.....
Crushed for oil	ton....	11.00	11.00	28.60	25.60
For all sales (except crushed)	ton....	.....	.....	1,200.00	1,240.00
For canning	ton....	745.00	760.00	1,380.00	1,420.00
Peaches:					
For all sales	pound....	0.192	0.179	.....	.....
For fresh consumption [8]	pound....	0.332	0.247	0.590	0.608
Dried, California (dried basis) [9]	ton....	726.00	612.00	1,990.00	2,120.00
For processing California (except dried):					
Clingstone [12]	ton....	219.00	260.00	446.00	467.00
Freestone [9]	ton....	181.00	194.00	395.00	406.00
Pears:					
For all sales	ton....	376.00	276.00	.....	.....
For fresh consumption [8]	ton....	496.00	329.00	725.00	761.00
Dried, California (dried basis) [9]	ton....	1,290.00	1,020.00	1,930.00	2,120.00
For processing (except dried) [9]	ton....	223.00	213.00	429.00	450.00
Plums (California):					
For all sales [10]	ton....	420.00	312.00	.....	.....
For fresh consumption [19]	ton....	.....	.....	846.00	812.00
For processing [19]	ton....	.....	.....	47.20	53.20
Prunes, dried (California) [9]	ton....	839.00	827.00	1,930.00	1,850.00
Prunes and plums (excl. California):					
For fresh consumption [13]	ton....	577.00	464.00	812.00	844.00
For processing (except dried) [9]	ton....	267.00	150.00	275.00	320.00
Strawberries:					
For fresh consumption [14]	pound....	0.565	0.657	1.25	1.27
For processing [9]	pound....	0.204	0.271	0.597	0.591
Sugar crops:					
Maple sirup	gallon....	26.90	23.60	.....	.....
Sugarbeets	ton....	45.40	40.70	86.50	89.20
Sugarcane for sugar	ton....	28.30	28.10	63.20	66.20
Tree nuts: [15]					
Almonds	pound....	2.08	1.55	3.08	3.21
Hazelnuts	ton....	859.00	898.00	1,700.00	1,760.00
Pecans, all	pound....	0.637	0.771	3,860.00	3,920.00
Improved	pound....	0.686	0.929	.....	.....
Seedling	pound....	0.464	0.531	.....	.....
Walnuts	ton....	1,570.00	1,310.00	2,380.00	2,240.00

See footnotes at end of table.

Table 9-29.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1996 and 1997—Continued

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1996 [2]	1997 [2]	1996	1997
		Dollars	*Dollars*	*Dollars*	*Dollars*
Vegetables for fresh market: [14]					
Artichokes, California	cwt....	73.50	78.20	66.10	68.90
Asparagus	cwt....	92.90	111.00	180.00	188.00
Broccoli	cwt....	27.10	29.10	52.60	55.10
Cabbage	cwt....	10.20	10.40	20.10	20.90
Cantaloups	cwt....	18.10	17.70	30.90	32.30
Carrots [16]	cwt....	13.30	13.10	24.30	23.50
Cauliflower [16]	cwt....	33.00	31.20	59.70	63.30
Celery [16]	cwt....	10.60	15.10	27.50	27.70
Cucumbers	cwt....	18.90	16.90	33.10	34.50
Eggplant	cwt....	26.80	23.80	35.00	36.50
Escarole/Endive	cwt....	21.90	23.60	45.00	47.00
Garlic, California	cwt....	32.10	47.10	42.60	44.40
Green peppers [16]	cwt....	28.00	30.00	52.30	54.50
Honeydew melons	cwt....	17.00	18.90	34.60	36.40
Lettuce	cwt....	14.70	17.30	31.10	32.40
Onions [16]	cwt....	10.60	12.60	26.20	25.90
Snap beans	cwt....	41.80	41.30	65.50	68.30
Spinach	cwt....	29.00	30.80	57.40	59.80
Sweet corn	cwt....	16.90	17.60	34.60	35.90
Tomatoes	cwt....	28.00	33.00	63.60	65.60
Watermelons	cwt....	6.25	7.59	12.60	12.80
Vegetables for processing: [9]					
Asparagus	ton....	1,210.00	1,220.00	2,210.00	2,290.00
Beets	ton....	64.30	66.60	113.00	118.00
Cabbage	ton....	42.50	45.20	87.30	91.10
Cucumbers	ton....	249.00	236.00	.....	.....
Green peas	ton....	284.00	288.00	530.00	558.00
Lima beans	ton....	455.00	459.00	974.00	1,020.00
Snap beans	ton....	179.00	177.00	373.00	386.00
Spinach	ton....	103.00	107.00	211.00	220.00
Sweet corn	ton....	78.50	74.60	145.00	153.00
Tomatoes	ton....	62.30	60.70	137.00	141.00
Livestock and livestock products:					
All beef cattle	cwt....	58.70	63.10	147.00	151.00
Cows	cwt....	30.50	34.80	.....	.....
Steers and heifers	cwt....	62.50	66.80	.....	.....
Calves	cwt....	58.40	78.90	189.00	192.00
Beeswax	pound...	.....	.....	4.23	4.41
Chickens:					
Excluding broilers, live	pound...	0.067	0.077	.....	.....
Broilers, live	pound...	0.381	0.377	.....	.....
All Eggs	dozen...	0.749	0.702	1.35	1.42
Hogs	cwt....	51.90	52.90	100.00	103.00
Lambs	cwt....	88.20	90.30	148.00	152.00
Milk cows [17]	head....	1,090.00	1,100.00	.....	.....
Milk, retail [18]	quart...	0.785	0.731	.....	.....
Sheep	cwt....	29.90	37.90	59.40	61.50
Turkeys, live	pound...	0.433	0.399	0.851	0.868

[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 9-30.—Producer prices: Index numbers, by groups of commodities, United States, 1989–98

[1982=100]

Year	Total finished goods	Consumer foods	Finished goods [1]	Total consumer goods	Total intermediate materials	Total crude materials
1989	113.6	118.7	108.9	112.1	112.0	103.1
1990	119.2	124.4	115.3	118.2	114.5	108.9
1991	121.7	124.1	118.7	120.5	114.4	101.2
1992	123.2	123.3	120.8	121.7	114.7	100.4
1993	124.7	125.7	121.7	123.0	116.2	102.4
1994	125.5	126.8	121.6	123.3	118.5	101.8
1995	127.9	129.0	124.0	125.6	124.9	102.7
1996	131.3	133.6	127.6	129.5	125.7	113.8
1997	131.8	134.5	128.2	130.2	125.6	110.9
1998 [2]	130.7	134.3	126.4	128.9	123.0	96.7

[1] Excluding consumer foods. [2] Preliminary.

ERS, Food Marketing Branch, (202) 694–5373. Compiled from reports of the U.S. Department of Labor.

Table 9-31.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1988–97 [1]

[1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts [2]	Commercial vegetables	Other crops
1988	359	364	486	1,295	689	668	695	474
1989	402	390	503	1,461	646	692	690	488
1990	317	376	548	1,474	575	676	684	499
1991	299	360	554	1,547	542	782	665	478
1992	358	352	450	1,526	544	689	745	502
1993	332	354	455	1,521	590	646	774	510
1994	377	381	559	1,532	600	630	727	517
1995	426	400	653	1,559	568	698	800	525
1996	497	523	626	1,592	700	826	727	532
1997 [4]	405	418	573	1,570	713	757	805	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]
1988	445	516	927	750	276	713	627	53
1989	662	537	960	833	313	764	659	52
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	504	1,011	787	295	768	643	47
1994	556	520	910	797	298	727	634	45
1995	541	554	868	783	300	706	647	45
1996	576	623	882	914	337	761	711	47
1997 [4]	459	568	933	820	319	755	678	44

[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.

NASS, Livestock and Economic Branch, (202) 720–3570.

Table 9-32.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1988–97 [1]

(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts [2]	Commercial vegetables	Other Crops
1988	113	102	95	86	126	96	104	96
1989	127	109	98	96	118	99	103	99
1990	100	105	107	97	105	97	102	101
1991	94	101	108	102	99	112	100	97
1992	113	98	88	101	100	99	111	102
1993	105	99	89	101	108	93	116	103
1994	119	106	109	101	110	90	109	105
1995	134	112	127	103	104	100	120	106
1996	157	146	122	105	128	118	109	108
1997 [4]	128	117	112	104	130	108	121	108

Year	Potatoes and dry edible beans	All crops	Meat animals	D104airy products	Poultry and eggs	Livestock and live-stock products	All farm products	Ratio [3]
1988	88	104	91	93	98	93	99	108
1989	131	109	94	104	111	100	104	108
1990	133	103	105	105	105	105	104	105
1991	99	101	101	94	99	99	100	99
1992	88	101	96	100	97	97	98	97
1993	107	102	100	98	105	100	101	97
1994	110	105	90	99	106	95	100	94
1995	107	112	85	98	107	92	102	94
1996	114	126	87	114	120	99	112	98
1997 [4]	91	115	92	102	113	98	107	91

[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.

NASS, Livestock and Economics Branch, (202)720–3570.

Table 9-33.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1988–97

(1990–92=100)

	Production indexes								
Year	Production (all commodities)	Feed	Livestock & Poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
1988	90	104	91	94	94	89	77	90	90
1989	95	110	93	104	99	93	83	94	93
1990	99	103	102	102	97	95	100	96	97
1991	100	98	102	99	103	101	104	100	100
1992	101	99	96	99	100	103	96	104	102
1993	104	102	104	101	96	109	93	107	107
1994	106	106	94	108	105	112	91	109	111
1995	108	103	82	110	121	116	89	112	115
1996	114	129	75	115	125	119	102	115	118
1997	117	123	94	119	121	120	108	118	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]
1988	89	94	85	.....	100	89	87	92	91
1989	94	96	91	.....	106	91	95	97	96
1990	96	99	96	96	107	95	96	99	99
1991	100	100	99	100	100	101	100	100	100
1992	104	101	103	104	93	104	105	101	101
1993	107	106	109	100	87	108	108	103	104
1994	113	109	110	108	94	106	111	106	106
1995	120	114	115	116	101	109	114	108	109
1996	125	115	116	119	105	112	117	114	114
1997	129	118	117	121	107	115	123	117	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.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-34.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1988–97

[1910–14=100]

Year	Family living	Production indexes							
		Production (all commodities)	Feed	Livestock and poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and repairs
1988	1,117	874	506	1,167	931	346	549	596	636
1989	1,169	922	539	1,184	1,027	363	573	643	665
1990	1,229	958	501	1,303	1,012	356	590	772	684
1991	1,287	972	480	1,308	983	376	624	802	713
1992	1,327	979	485	1,223	976	366	637	740	736
1993	1,369	1,006	497	1,327	1,002	352	672	717	757
1994	1,404	1,030	518	1,207	1,071	387	695	700	776
1995	1,447	1,049	502	1,048	1,088	444	716	688	798
1996	1,490	1,107	631	961	1,142	458	734	789	816
1997	1,525	1,132	600	1,179	1,179	443	741	832	835

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					
1988	2,385	2,227	1,280	1,015	2,518	2,375	3,267	1,230	1,191
1989	2,477	2,360	1,306	1,088	2,645	2,442	3,538	1,299	1,261
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	2,723	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	1,302	2,357	2,828	4,140	1,419	1,416
1995	3,053	3,009	1,553	1,376	2,524	2,915	4,278	1,453	1,452
1996	3,126	3,128	1,569	1,394	2,643	3,001	4,389	1,527	1,520
1997	3,161	3,228	1,602	1,412	2,679	3,093	4,593	1,566	1,558

[1] Based on Consumer Price Index-Urban of Bureau of Labor Statistics. [2] The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910–14=100 base.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-35.—Prices paid by farmers: April prices, by commodities, United States, 1995–98 [1]

Commodity	Unit	1995	1996	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*
Fuels and energy:					
Diesel fuel [2] [3]	Gal	0.766	0.920	0.874	0.740
Gasoline, service station, unleaded [4]	Gal	1.12	1.22	1.23	1.06
Gasoline, service station, bulk delivery [4]	Gal	1.11	12.6	1.26	1.09
L. P. gas, bulk delivery [2]	Gal	0.734	0.804	0.852	0.764
Feeds:					
Alfalfa Meal	Cwt	11.80	12.30	13.60	13.80
Alfalfa Pellets	Cwt	12.00	12.40	13.40	13.60
Bran	Cwt	11.20	13.00	14.20	13.80
Beef Cattle Concentrate.					
32-36% Protein	Ton	251	316	325	292
Corn Meal	Cwt	7.86	10.60	9.30	8.57
Cottonseed Meal, 41%	Cwt	14.20	16.80	17.20	16.00
Dairy Feed					
14% Protein	Ton	162	216	202	186
16% Protein	Ton	174	225	215	194
18% Protein	Ton	183	238	230	206
20% Protein	Ton	186	239	238	207
32% Protein Conc.	Ton	276	333	362	302
Hog Feed					
14-18% Protein	Ton	210	252	252	227
38-42% Protein Conc.	Ton	292	351	389	317
Molasses, Liquid	Cwt	11.30	11.80	12.20	11.90
Poultry Feed:.					
Broiler Grower	Ton	195	265	270	257
Chick Starter	Ton	212	280	284	268
Laying Feed	Ton	195	258	251	224
Turkey Grower	Ton	242	312	305	278
Soybean Meal, 44%	Cwt	12.40	15.60	17.70	14.30
Stock Salt	50 Lb	3.76	3.82	3.92	3.91
Trace Mineral Blocks	50 Lb	4.85	4.90	5.05	4.98

See footnotes at end of table.

Table 9-35.—Prices paid by farmers: April prices, by commodities, United States, 1995–98 [1]—Continued

Commodity	Unit	1995	1996	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*
Fertilizer: [6]					
0-15-40	Ton	179	186	182	189
0-18-36	Ton	177	183	180	191
0-20-20	Ton	184	194	185	195
3-10-30	Ton	167	170	164	165
5-10-10	Ton	150	155	153	148
5-10-15	Ton	159	171	159	167
5-10-30	Ton	170	181	174	177
5-20-20	Ton	179	196	185	190
6- 6- 6	Ton	192	175	178	188
6- 6-18	Ton	197	193	193	214
6-12-12	Ton	159	167	159	156
6-24-24	Ton	219	232	224	228
8- 8- 8	Ton	155	161	160	155
8-20- 5	Ton	213	217	219	226
8-32-16	Ton	235	251	239	236
9-23-30	Ton	207	220	210	214
10- 3- 3	Ton	110	146	146	3/
10- 6- 4	Ton	163	181	180	164
10-10-10	Ton	172	176	173	172
10-20-10	Ton	204	217	209	202
10-20-20	Ton	221	226	224	222
10-34- 0	Ton	252	255	253	260
11-52- 0	Ton	278	310	289	283
13-13-13	Ton	200	205	196	197
15-15-15	Ton	235	242	239	231
16- 0-13	Ton	165	171	175	160
16- 4- 8	Ton	226	231	230	236
16- 6-12	Ton	186	184	177	170
16-16-16	Ton	266	290	272	279
16-20- 0	Ton	242	259	247	250
17-17-17	Ton	222	236	226	216
18-46- 0 (DAP)	Ton	263	294	272	264
19-19-19	Ton	240	242	233	222
24- 8- 0	Ton	207	189	180	162
Ammonium Nitrate	Ton	223	233	227	193
Anhydrous Ammonia	Ton	330	303	303	253
Aqua Ammonia	Ton	109	113	111	118
Limestone, Spread on field	Ton	17.90	17.50	18.20	18.50
Muriate of Potash, 60% K2O	Ton	155	153	152	163
Nitrate of Soda	Ton	248	256	265	266
Nitrogen Solutions.					
28% N	Ton	162	171	157	133
30% N	Ton	169	182	160	134
32% N	Ton	183	185	175	148
Sulfate of Ammonia	Ton	182	184	185	187
Superphosphate, 44-46% P2O5	Ton	234	258	257	253
Urea, 44-46% Nitrogen	Ton	266	278	257	195
Farm Machinery:					
Baler, Pick-Up, Automatic Tie, P.T.O.					
Square Conventional, Under 200 Lb Bales	.....	13,300	13,800	14,600	15,200
Round, 1200-1500 Lb Bale	.....	16,600	17,100	16,900	17,300
Round, 1900-2200 Lb Bale	.....	.....	(1)	21,600	22,300
Chisel Plow, Maxiumum 1 Foot Depth of Tillage, Chisel or Sweep Type, Drawn or. Mounted, 16-20 Foot	.....	9,520	10,300	11,300	11,700
Combine, Self Propelled with Grain Head					
Extra-large capacity	.....	130,000	(1)	155,000	162,000
Large capacity	.....	108,000	137,000	135,000	140,000
Medium capacity	.....	20,100	117,000	(2)	.....
Corn Head for Combine					
6 Row	.....	20,100	20,800	21,700	22,400
8 Row	.....	.....	(1)	28,500	29,000
Cotton Picker, Self Propelled, with spindle, 4-Row	.....	183,000	192,000	195,000	198,000
Cultivator, Row Crop					
6-Row	.....	4,880	5,410	5,680	5,900
12-Row, Flexible	.....	11,200	11,900	12,500	13,500
Disk Harrow, Tandem, Drawn [9]					
15-17 Foot	.....	10,400	10,900	12,100	12,200
18-20 foot	.....	14,600	15,700	16,100	16,600

See footnotes at end of table.

Table 9-35.—Prices paid by farmers: April prices, by commodities, United States, 1995–98 [1]—Continued

Commodity	Unit	1995	1996	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*
Elevator, Portable, Without Power Unit,					
Auger Type, 8 Inch Diameter, 60 Foot	.....	3,590	3,760	3,660	3,660
Feed Grinder-Mixer, Trailer Mtd., P.T.O.	.....	11,700	11,800	12,200	12,900
Field Cultivator, Mounted or Drawn					
17-19 Foot	.....	7,580	8,280	9,060	9,670
20-25 Foot, Flexible	.....	11,400	12,100	12,500	13,500
Forage Harvester, P.T.O., Shear Bar,					
With Pick-Up Attachment	.....	22,000	22,600	23,500	24,200
With Row Crop Unit, 2-Row	.....	24,700	25,100	26,000	26,200
Forage Harvester, Self-propelled, Shear Bar,					
With 4–6 row	.....	.....	([1])	177,000	191,000
Front-End Loader, Hydraulic, Tractor Mounted					
1800-2500 Lb. Capacity, 60 Inch Bucket	.....	.....	4,660	4,860	4,910
Grain Drill, Most Common Spacing					
Plain, 15-17 Openers	.....	8,830	8,640	10,200	10,600
Press, 23-25 Openers	.....	11,500	13,300	14,400	16,300
With Fertilizer Attachment, 20-24 Openers	.....	9,920	10,500	11,700	12,700
Min/No-Till W/Fert. Attach., 15 Foot	.....	23,300	24,600	25,300	26,200
Hayrake, Side-Delivery, or Wheel Rake,					
Traction Drive, 8-12 Foot Working Width	.....	3,980	4,040	4,240	4,410
Hay Tedder, 15-18 Foot	.....	3,890	4,000	4,120	4,130
Manure Spreader, Conveyor Type, P.T.O.,					
2-Wheel, with Tires.					
141-190 Bushel Capacity	.....	5,590	5,830	6,250	6,330
225-300 Bushel Capacity	.....	7,600	8,090	8,440	8,610
Mower-Conditioner, P.T.O., Pull Type, with					
8-10 Foot, Sickle (Cutter) Bar or Disc	.....	11,800	12,000	12,200	12,600
14-16 Foot, Sickle (Cutter) Bar or Disc	.....	.....	([1])	18,900	19,700
Mower, Mounted or Drawn,					
7-8 ft Sickle (Cutter) Bar	.....	3,990	3,940	4,130	4,220
13-14 Foot, Sickle (Cutter) Bar or Disc	.....	.....	([1])	11,600	13,000
Planter, Row Crop					
With Fertilizer Attachment, 4-Row	.....	12,400	13,700	13,300	14,200
With Fertilizer Attachment, 8-Row	.....	22,700	24,400	25,800	25,700
With Fertilizer Attachment, 24-Row	.....	.....	([1])	89,000	87,200
12-Row Conservation (No-Till Cond), w/Fert	.....	38,600	41,100	43,900	44,300
Rotary Hoe, 20-25 Foot	.....	5,230	5,260	5,700	5,940
Rotary Cutter, 7-8 Foot	.....	2,760	2,670	2,860	2,810
Sprayer, Field Crop, Power, Boom Type					
(Excl. Self-Propelled and Orchard).					
Tractor Mounted, w/ 300 Gal. Spray Tank	.....	3,820	3,880	4,290	4,350
Trailer Type, w/ 500-700 Gal. Spray Tank	.....	7,860	8,560	9,650	9,950
Tractor, 2-Wheel Drive					
30-39 P.T.O. horsepower	.....	14,400	15,000	15,400	15,300
50-59 P.T.O. horsepower	.....	20,100	20,600	21,200	21,800
70-89 P.T.O. horsepower	.....	30,700	30,900	31,800	32,800
110 - 129 P.T.O. horsepower	.....	54,000	55,400	57,400	59,500
140 - 159 P.T.O. horsepower	.....	70,000	71,500	74,800	77,100
190 - 220 P.T.O. horsepower	.....	.....	([1])	102,000	105,000
Tractor, 4-Wheel Drive					
200 - 280 P.T.O. horsepower	.....	98,700	100,000	111,000	116,000
Wagon, Gravity Unload, W/Box and Running					
Gear, and Tires,					
200-400 Bushel Capacity					
Without Side Extensions	.....	3,640	3,520	3,720	3,870
Wagon, Running Gear, W/O Box					
8-10 Ton Capacity	.....	1,610	1,620	1,690	1,680
Windrower, Self-Propelled,					
14-16 Foot	.....	45,800	46,900	52,100	54,500
Agricultural Chemicals [10]	.....	.....	.....		
Fungicides:					
Basic Copper Sulfate, 53% WP	Lb	1.24	1.31	1.29	1.28
Benomyl (Benlate), 50% WP	Lb	18.00	18.30	18.20	18.30
Calcium Polysulfide (Lime Sulfur) Liq.Conc	Gal	5.96	5.94	6.14	6.39
Captan 50% WP	Lb	3.31	3.30	3.25	3.36
Chlorothalonil (Bravo), 6#/Gal EC	Gal	52.50	55.90	57.00	55.80
Copper Hydroxide (Kocide), 77% WP	Lb	2.51	2.58	2.56	2.53
Dodine (Cyprex), 65% WP	Lb	9.18	9.96	9.74	10.40
Ferbam (Carbamate), 76% WP	Lb	4.08	4.20	4.08	3.88
Fosethyl-AL (Aliette), 80% WP	Lb	15.40	16.10	13.30	12.70
Iprodione (Rovral), 50% WP	Lb	23.00	23.30	22.80	23.20
Mancozeb (Dithane 80% WP,Manzate 75%					
DF)	Lb	3.11	3.23	3.32	3.35
Maneb, 80% WP	Lb	2.70	2.98	3.13	3.11
Metalaxyl (Ridomil), 2#/Gal EC	Gal	170	172	177	180
Myclobutanil (Systhane), 40% WP	Lb	69.10	73.90	71.90	70.00
Oxytetraycline (Mycoshield), 17% WP	Lb	14.70	15.90	16.20	18.00
Rubigan (Fenarimol), 1#/Gal EC	Gal	293	314	301	314
Sulfur, 95% WP	Lb	.348	.363	.335	.305
Triforine (Funginex), 1.6#/Gal EC	Gal	86.90	89.90	91.00	92.70
Triadimefon (Bayleton), 50% WP	Lb	60.10	61.70	63.60	66.70
Ziram, 76% WP	Lb	2.78	2.85	2.98	2.88

See footnotes at end of table.

Table 9-35.—Prices paid by farmers: April prices, by commodities, United States, 1995–98 [1]—Continued

Commodity	Unit	1995	1996	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*
Fumigants:					
Methyl Bromide (Terr-o-gas 98)	Lb	2.85	2.96	3.24	3.17
Herbicides:					
2,4-D, 4#/Gal EC	Gal	14.20	14.80	14.90	14.90
Acetochlor (Harness, Surpass), 6.4–7#/Gal EC	Gal	([2])	([2])	69.20	66.40
Alachlor (Lasso), 4#/Gal EC	Gal	28.10	28.70	25.30	25.70
Atrazine(AAtrex), 4#/Gal L	Gal	14.40	14.50	13.80	13.70
Bentazon (Basagran), 4#/Gal EC	Gal	73.10	74.80	76.30	78.60
Butylate (Sutan), 6.7#/Gal EC	Gal	18.00	20.80	19.60	21.10
Chlorimuron-ethyl (Classic), 25% DF	Oz	18.50	18.60	19.00	12.90
Chlorosulfuron (Glean), 75%	Oz	17.80	19.10	17.70	18.20
Cyanazine (Bladex), 4#/Gal EC	Gal	28.30	29.40	30.00	31.60
DCPA (Dacthal), 75% WP	Lb	7.40	7.93	8.31	12.10
Dicamba (Banvel), 4#/Gal EC	Gal	87.50	90.20	93.40	94.10
Diuron (Karmex, Diurex), 80% WP	Lb	5.14	5.20	5.25	5.26
EPTC (Eptan), 7E-(Eradicane),6.7#/Gal EC	Gal	26.60	29.00	30.50	32.30
Glyphosate (Roundup), 4#/Gal EC	Gal	54.10	55.70	56.70	56.30
Imazaquin (Scepter), 1.5#/Gal EC	Gal	214	210	225	([3])
Linuron (Lorox, Linex), 50% DF	Lb	10.90	11.70	12.00	11.90
MCPA, 4#/Gal, EC	Gal	15.90	16.80	16.80	16.90
Metolachlor (Dual), 8#/Gal EC	Gal	67.70	69.40	69.50	72.60
Metribuzin (Lexone or Sencor), 75% DF	Lb	27.50	27.70	27.70	22.00
Paraquat (Gramoxone Extra), 2.5#/Gal EC	Gal	35.00	36.20	37.80	39.00
MSMA (Super Arsonade), 4-6# Gal EC	Gal	23.80	23.60	24.70	24.30
Napropamide (Devrinol), 50% WP	Lb	8.17	8.66	8.93	9.21
Pendimethalin (Prowl),3.3#/Gal EC	Gal	28.90	29.20	29.40	29.60
Sethoxydim (Poast), 1.5#/Gal EC	Gal	112	112	101	89.60
Simazine (Princep), 4#/Gal EC	Gal	18.20	18.40	18.20	18.50
Terbacil (Sinbar), 80% WP	Lb	26.00	26.70	26.40	27.40
Trifluralin (Treflan), 4#/Gal EC	Gal	32.80	32.60	31.40	29.90
Insecticides:					
Acephate (Orthene), 75% SP	Lb	11.60	12.00	12.80	12.50
Aldicarb (Temik), 15% G	Lb	3.65	3.62	3.70	3.70
Azinphos-Methyl (Guthion), 50% WP	Lb	8.57	8.66	8.62	8.97
Bt 2x (Dipel), WP	Lb	13.20	12.50	12.30	12.10
Carbaryl, (Sevin), 80% WP	Lb	4.59	4.64	4.76	4.96
Carbofuran (Furdan), 15% G	Lb	1.91	1.99	1.99	2.24
Chlorpyrifos (Lorsban), 4#/Gal EC	Gal	49.30	51.10	50.70	51.00
Cyfluthrin (Baythroid) 2#/Gal EC	Gal	450	489	479	486
Cypermethrin,(Ammo 2.5-Cymbush 3#G)EC	Gal	260	256	252	264
Diazinon, 4#/Gal EC	Gal	35.00	36.50	36.10	34.90
Dicofol (Kelthane), 35% WP	Lb	9.34	9.98	10.20	10.60
Dicrotophos (Bidrin), 8#/Gal EC	Gal	87.00	87.30	88.60	86.80
Dimethoate (Cygon), 2.67#/Gal EC	Gal	27.00	31.20	32.90	34.70
Disulfoton (Di-Syston), 8#/Gal EC	Gal	72.80	75.40	76.30	79.50
Endosulfon (Thiodan, Phaser), 3#/Gal EC	Gal	39.70	40.30	39.10	39.40
Esfenvalerate (Asana XL),.66#/Gal EC	Gal	145	149	148	148
Ethion 4#/Gal EC	Gal	36.80	35.70	38.60	41.60
Fonofos (Dyfonate II), 20% G	Lb	1.99	1.95	2.04	2.03
Imidacloprid (Admire, Provado), 1.6–2#/Gal EC	Gal	([2])	([2])	537	552
Malathion, 5#/Gal EC	Gal	22.60	23.20	24.10	25.00
Methidathion (Supracide), 2#/Gal EC	Gal	48.70	52.20	50.60	55.70
Methomyl (Lannate) L), 1.81 #/Gal Liq.	Gal	44.10	47.00	48.00	46.70
Methyl Parathion, 4#/Gal EC	Gal	27.30	27.50	27.30	29.40
Oil	Gal	5.09	4.99	5.13	5.32
Oxamyl (Vydate L), 2# L	Gal	62.40	61.90	61.80	63.50
Oxydemeton-Methyl (Metasystox-R). 2#/Gal EC	Gal	60.70	64.10	63.10	66.70
Oxythioquinox (Morestan), 25% WP	Lb	15.80	15.90	17.30	17.60
Phorate (Thimet), 20% G	Lb	1.98	2.03	2.14	2.24
Phosmet (Imidan, Prolate), 50% WP	Lb	4.91	5.44	5.79	6.22
Propargite (Comite, Omite), 30% WP	Lb	5.89	6.21	6.49	6.41
Synthetic Pyrethroids,. (Pounce 2-Ambush 3.2 #/Gal) EC	Gal	154	156	159	162
Terbufos (Counter), 15% G	Lb	1.91	2.20	2.31	2.56
Zeta–Cyermethrin (Fury), 1.5#/Gal EC	Gal	([2])	([2])	280	290
Other:					
Gibberellic Acid,(Ry3Up,Pro-Gibb)4.0%	Gal	227	208	202	189
Nad Napthalene Acetamide, 8.4 WP	Lb	56.20	55.80	61.50	62.80

[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, 1995-98, 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] 80,000 kernels. [6] Excludes cost of application, except for limestone. [7] Added in 1997. [8] Discontinued in 1997. [9] With hydraulic lift, transport wheels, and tires. [10] Formulation abbreviations: EC–Emulsifiable Concentrate, DF–Dry Flowable, DG–Dry Granular, G–Granular, L–Liquid, S–Solution, SP–Soluble Powder, and WP–Wettable Powder. [11] Discontinued in 1998.

NASS, Livestocks and Economics Branch, (202) 720–3570.

Table 9-36.—Agricultural commodities: Support prices per unit, United States, 1989–98 [1 2]

Commodity and unit		1989	1990	1991	1992	1993
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Basic commodities:						
Corn:						
Target price	Bushel	2.84	2.75	2.75	2.75	2.75
Loan rate	do	1.65	1.57	1.62	1.72	1.72
Cotton:						
American upland: [3]						
Target price	Pound	0.7340	0.7290	0.7290	0.7290	0.7290
Loan rate	do	0.5000	0.5027	0.5077	0.5235	0.5235
Extra-long staple:						
Target price	do	0.9670	0.9810	0.9960	1.0580	1.0570
Loan rate	do	0.8177	0.8177	0.8299	0.8815	0.8812
Peanuts: [4]	do	0.3079	0.3157	0.3214	0.3375	0.3375
Rice:						
Target price	Cwt.	10.80	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	4.10	4.00	4.00	4.00	4.00
Loan rate	do	2.05	1.95	2.04	2.21	2.45
Tobacco:						
Flue-cured, types 11-14	Pound	1.468	1.488	1.528	1.560	1.577
Fire-cured, type 21	do	1.191	1.262	1.332	1.367	1.395
Fire-cured, types 22-23	do	1.226	1.297	1.367	1.421	1.464
Burley, type 31	do	1.532	1.558	1.584	1.649	1.683
Dark air-cured, types 35-36	do	1.044	1.107	1.169	1.217	1.255
Virginia sun-cured, type 37	do	1.052	1.115	1.177	1.208	1.233
Cigar filler, Puerto Rican, type 46	do	0.740	0.778	0.813	([5])	0.834
Ohio filler and Wisconsin binder,. types 42-44 and 53-55	do	0.909	0.962	1.014	1.054	1.074
Barley: [6]						
Target price	Bushel	2.43	2.36	2.36	2.36	2.36
Loan rate	do	1.34	1.28	1.32	1.40	1.40
Sorghum grain: [6]						
Target price	Cwt.	4.82	4.66	4.66	4.66	4.66
Loan rate	do	2.80	2.66	2.75	2.91	2.91
Oats: [6]						
Target price	Bushel	1.50	1.45	1.45	1.45	1.45
Loan rate	do	0.85	0.81	0.83	0.88	0.88
Rye: [6]	do	1.40	1.33	1.38	1.46	1.46
Nonbasic commodities:						
Beans, dry edible	Cwt.	([5])	([5])	([5])	([5])	([5])
Cottonseed	Ton	([5])	([5])	([5])	([5])	([5])
Minor oilseeds [7]	Pound	([5])	([5])	0.089	0.089	0.089
Soybeans	Bushel	4.53	4.50	5.02	5.02	5.02
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	10.60	10.10	10.10	10.10	10.10
Honey, extracted	Pound	0.564	0.538	0.538	0.538	0.538
Mohair	do	4.588	4.532	4.448	4.613	4.738
Wool	Pound	1.77	1.82	1.88	1.97	2.04

See footnotes at end of table.

Table 9-36.—Agricultural commodities: Support prices per unit, United States, 1989–98 [1] [2]—Continued

Commodity and unit		1994	1995	1996	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Basic commodities:						
Corn:						
Target price	Bushel	2.75	2.75	(9)	(9)	(9)
Loan rate	do	1.89	1.89	1.89	1.89	1.89
Cotton:						
American upland: [3]						
Target price	Pound	0.7290	0.7290	(9)	(9)	(9)
Loan rate	do	0.5000	0.5192	0.5192	0.5192	0.5192
Extra-long staple:						
Target price	do	1.0200	0.9560	(9)	(9)	(9)
Loan rate	do	0.8503	0.7965	0.7965	0.7965	0.7965
Peanuts: [4]	do	0.3392	0.3392	0.3050	0.3050	0.3050
Rice:						
Target price	Cwt.	10.71	10.71	(9)	(9)	(9)
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel	4.00	4.00	(9)	(9)	(9)
Loan rate	do	2.58	2.58	2.58	2.58	2.58
Tobacco:						
Flue-cured, types 11-14	Pound	1.583	1.597	1.601	1.621	1.628
Fire-cured, type 21	do	1.407	1.430	1.455	1.498	1.536
Fire-cured, types 22-23	do	1.483	1.518	1.557	1.623	1.681
Burley, type 31	do	1.714	1.725	1.737	1.760	1.778
Dark air-cured, types 35-36.	do	1.273	1.304	1.339	1.398	1.45
Virginia sun-cured, type 37.	do	1.245	1.265	1.288	1.326	1.36
Cigar filler, Puerto Rican, type 46.	do	0.844	0.861	(5)	(5)	(5)
Ohio filler and Wisconsin binder,. types 42-44 and 53-55	do	1.084	1.101	1.120	1.169	1.212
Barley: [6]						
Target price	Bushel	2.36	2.36	(9)	(9)	(9)
Loan rate	do	1.54	1.54	1.55	1.57	1.56
Sorghum grain: [6]						
Target price	Cwt.	4.66	4.66	(9)	(9)	(9)
Loan rate	do	3.21	3.21	3.23	3.14	3.11
Oats: [6]						
Target price	Bushel	1.45	1.45	(9)	(9)	(9)
Loan rate	do	0.97	0.97	1.03	1.11	1.11
Rye: [6]	do	1.61	1.61	(10)	(10)	(10)
Nonbasic commodities:						
Beans, dry edible	Cwt.	(5)	(5)	(5)	(5)	(5)
Cottonseed	Ton	(5)	(5)	(5)	(5)	(5)
Minor oilseeds [7]	Pound	0.087	0.087	0.0891	0.0930	0.0930
Soybeans	Bushel	4.92	4.92	4.99	5.26	5.26
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	10.10	10.10	(11) 1035	(14) 10.20	(15) 10.05
Honey, extracted	Pound	0.500	0.500	(12)	(12)	(12)
Mohair	do	4.739	4.657	(13)	(13)	(13)
Wool	Pound	2.09	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 9-37.—Farm income: Cash receipts by commodities groups and selectedcommodities, United States, 1990–97 [1]

Commodity	1990	1991	1992	1993
	100,000 dollars	*100,000 dollars*	*100,000 dollars*	*100,000 dollars*
All commodities	169,526.3	167,863.7	171,380.7	177,762.1
Livestock and products	89,219.9	85,786.4	85,637.0	90,180.0
Cattle and calves	39,301.8	38,696.6	37,272.3	39,361.7
Hogs	11,525.5	11,036.1	10,016.5	10,910.8
Sheep and lambs	414.4	399.4	459.5	551.0
Dairy products	20,152.6	18,006.6	19,736.3	19,242.6
Broilers	8,365.5	8,383.0	9,176.5	10,415.8
Farm chickens	90.3	67.3	82.8	96.4
Chicken eggs	4,009.5	3,901.3	3,384.5	3,779.4
Turkeys	2,393.4	2,353.0	2,396.7	2,509.7
Ducks	8.0	7.9	8.7	8.5
Other poultry	422.4	441.1	474.2	515.8
Misc. other livestock	2,536.6	2,494.1	2,628.9	2,788.4

Commodity	1994	1995	1996	1997
All commodities	181,241.0	188,108.5	199,579.8	208,664.5
Livestock and products	88,169.0	87,018.2	93,004.8	96,567.9
Cattle and calves	36,394.8	34,004.5	31,103.3	36,094.3
Hogs	9,882.6	10,264.3	12,698.5	13,196.8
Sheep and lambs	507.2	558.8	612.7	634.1
Dairy products	19,935.2	19,893.6	22,820.3	20,989.3
Broilers	11,371.7	11,762.2	13,904.9	14,151.5
Farm chickens	77.5	61.3	61.5	72.5
Chicken eggs	3,780.3	3,879.6	4,762.1	4,530.5
Turkeys	2,643.8	2,822.2	3,075.5	2,880.5
Ducks	8.9	9.5	10.6	11.7
Other poultry	562.8	535.4	530.6	536.2
Misc. other livestock	3,004.2	3,226.8	3,424.9	3,470.6

Commodity	1990	1991	1992	1993
Crops	80,306.3	82,077.3	85,743.7	87,582.0
Food grains	7,479.8	7,325.4	8,467.5	8,179.9
Feed crops	18,669.3	19,327.3	20,098.6	20,211.0
Cotton	5,488.4	5,236.4	5,192.1	5,249.7
Tobacco	2,733.5	2,881.1	2,958.0	2,947.8
Oil crops	12,258.1	12,697.9	13,285.9	13,219.9
Vegetables	11,463.7	11,624.7	11,851.4	13,536.9
Fruits/nuts	9,416.0	9,922.9	10,178.7	10,284.1
All other crops	12,797.5	13,061.6	13,711.5	13,952.7

Commodity	1994	1995	1996	1997
Crops	93,072.0	101,090.2	106,575.0	112.096.6
Food grains	9,545.0	10,416.6	10,740.8	10,602.6
Feed crops	20,351.2	24,581.1	27,264.6	27,638.3
Cotton	6,737.7	6,851.1	6,938.2	6,515.1
Tobacco	2,656.4	2,548.4	2,796.0	2,885.6
Oil crops	14,656.7	15,496.0	16,361.6	19,911.0
Vegetables	13,893.2	14,912.9	14,560.8	15,086.0
Fruits/nuts	10,334.7	11,119.2	11,932.6	12,790.2
All other crops	14,897.2	15,164.9	15,935.4	16,667.7

[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@econ.ag.gov.

Table 9-38.—Farm income: Indicators by selected commodities, UnitedStates, 1990–97

Commodity	1990	1991	1992	1993
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
Gross farm income	198,039.9	191,918.1	200,477.9	204,073.0
Gross cash income	186,912.1	184,349.8	188,722.7	200,193.0
Farm marketings	169,526.3	167,863.7	171,380.7	177,762.1
Government payments	9,298.0	8,214.4	9,168.9	13,402.0
Farm-related income	8,087.8	8,271.7	8,173.1	9,028.9
Noncash income	7,869.2	7,775.4	7,599.7	8,077.7
Value of home consumption	688.3	619.8	589.5	519.2
Rental value of dwellings [1]	7,181.2	7,155.6	7,010.2	7,558.5
Value of inventory adjustment	3,258.3	(207.1)	4,155.5	(4,197.6)
Total production expenses	153,302.1	153,279.3	152,940.4	160,506.0
Net farm income	44,737.8	38,638.8	47,537.5	43,567.0

Commodity	1994	1995	1996	1997
Gross farm income	215,770.0	210,103.6	235,791.4	238,267.2
Gross cash income	198,326.2	205,475.6	217,791.2	227,951.6
Farm marketings	181,241.0	188,108.5	199,579.8	208,664.5
Government payments	7,879.1	7,279.4	7,339.6	7,496.0
Farm-related income	9,206.1	10,087.7	10,871.8	11,791.1
Noncash income	9,161.1	9,769.6	10,223.2	10,741.0
Value of home consumption	481.0	469.4	424.5	458.3
Rental value of dwellings [1]	8,680.1	9,300.2	9,798.7	10,282.7
Value of inventory adjustment	8,282.6	(5,141.6)	7,776.9	(425.4)
Total production expenses	167,503.5	174,119.9	182,439.3	188,443.2
Net farm income	48,266.4	35,983.7	53,352.0	49,824.0

[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 contactis rogers@econ.ag.gov.

Table 9-39.—Farm marketings: Farm marketings, government payments, and principal commodities, by States, 1998

State	Farm marketings			Government payments	Rank
	Total	Crops	Livestock and products		
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	
AL	3,227,482	796,205	2,431,277	65,785	26-Broilers, cattle/calves, cotton, chicken eggs(76%).
AK	32,426	26,152	6,274	1,490	50-Greenhouse, dairy, hay, potatoes(83%).
AR	5,862,203	2,446,386	3,415,817	274,857	11-Broilers, soybeans, rice, cotton(71%).
AZ	2,145,445	1,257,033	888,412	46,667	31-Cattle/calves, dairy, lettuce, cotton(64%).
CA	25,289,054	18,994,815	6,294,239	220,536	1-Dairy, grapes, greenhouse, cattle/calves(40%).
CO	4,399,249	1,387,670	3,011,579	175,626	17-Cattle/calves, corn, wheat, dairy(72%).
CT	496,459	278,719	217,740	1,384	43-Greenhouse, dairy, aquaculture, chicken eggs(63%).
DE	747,653	174,181	573,472	5,725	40-Broilers, soybeans, greenhouse, corn(83%).
FL	6,243,197	4,978,356	1,264,841	19,047	9-Greenhouse, oranges, tomatoes, sugar(53%).
GA	5,887,154	2,445,260	3,441,894	109,207	10-Broilers, cotton, peanuts, chicken eggs(63%).
HI	483,179	415,182	67,997	554	45-Pineapples, sugar, greenhouse, macadamia nuts(60%).
IA	12,840,692	7,310,947	5,529,745	712,901	3-Corn, soybeans, hogs, cattle/calves(91%).
ID	3,315,014	1,926,430	1,388,584	110,429	24-Cattle/calves, dairy, potatoes, wheat(68%).
IL	9,276,040	7,339,362	1,936,678	552,486	5-Corn, soybeans, hogs, cattle/calves(88%).
IN	5,506,236	3,610,023	1,896,213	265,166	14-Corn, soybeans, hogs, chicken eggs(77%).
KS	9,001,475	3,984,532	5,016,943	529,784	6-Cattle/calves, wheat, corn, sorghum grain(82%).
KY	3,632,928	1,654,874	1,978,054	83,067	21-Tobacco, horses/mules, cattle/calves, soybeans(66%).
LA	2,139,969	1,480,538	659,431	157,346	32-Cotton, sugar, rice, soybeans(54%).
MA	532,276	430,352	101,924	1,196	41-Cranberries, greenhouse, dairy, apples(71%).
MD	1,538,383	623,088	915,295	19,490	36-Broilers, greenhouse, dairy, soybeans(68%).
ME	486,119	227,767	258,352	4,197	44-Potatoes, dairy, chicken eggs, aquaculture(68%).
MI	3,587,753	2,235,720	1,352,033	121,287	22-Dairy, greenhouse, corn, soybeans(55%).
MN	8,155,006	4,100,778	4,054,228	417,049	8-Soybeans, corn, dairy, hogs(64%).
MO	5,563,617	2,768,474	2,795,143	278,066	13-Soybeans, cattle/calves, corn, hogs(65%).
MS	3,476,300	1,469,913	2,006,387	169,861	23-Broilers, cotton, soybeans, aquaculture(72%).
MT	2,063,342	1,071,848	991,494	230,918	33-Cattle/calves, wheat, barley, hay(87%).
NC	8,301,809	3,608,171	4,693,638	87,764	7-Hogs, broilers, tobacco, greenhouse(67%).
ND	3,312,959	2,702,197	610,762	361,549	25-Wheat, cattle/calves, sunflower, soybeans(64%).
NE	10,092,232	4,550,182	5,542,050	454,598	4-Cattle/calves, corn, soybeans, hogs(88%).
NH	166,070	96,733	69,337	889	48-Dairy, greenhouse, apples, cattle/calves(62%).
NJ	776,311	596,189	180,122	3,629	39-Greenhouse, dairy, cranberries, green pepper(47%).
NM	1,915,441	561,740	1,353,701	38,998	34-Cattle/calves, dairy, hay, chili pepper(80%).
NV	310,008	129,884	180,124	2,096	47-Cattle/calves, hay, dairy, onions(82%).
NY	2,895,699	1,036,861	1,858,838	39,633	28-Dairy, greenhouse, apples, cattle/calves(70%).
OH	5,344,658	3,475,782	1,868,876	186,429	16-Soybeans, corn, dairy, greenhouse(64%).
OK	4,368,998	1,307,947	3,061,051	205,601	18-Cattle/calves, wheat, hogs, broilers(75%).
OR	3,112,982	2,373,439	739,543	63,429	27-Greenhouse, cattle/calves, hay, wheat(44%).
PA	4,127,690	1,338,876	2,788,814	35,471	20-Dairy, greenhouse, cattle/calves, chicken eggs(62%).
RI	82,849	73,616	9,233	122	49-Greenhouse, dairy, sweet corn, potatoes(72%).
SC	1,695,240	898,262	796,798	43,044	35-Broilers, tobacco, greenhouse, cotton(51%).
SD	4,237,050	2,417,031	1,820,019	268,113	19-Cattle/calves,corn, soybeans, wheat(74%).
TN	2,291,672	1,286,707	1,004,965	76,209	30-Cattle/calves, soybeans, broilers, tobacco(50%).
TX	13,460,836	5,276,901	8,183,935	648,567	2-Cattle/calves, cotton, greenhouse, dairy(69%).
UT	952,959	238,069	714,890	20,095	37-Cattle/calves, dairy, hay, hogs(70%).
VA	2,400,504	862,839	1,537,665	30,590	29-Broilers, cattle/calves, dairy, tobacco (52%).
VT	512,612	96,830	415,782	3,093	42-Dairy, cattle/calves, greenhouse, hay(88%).
WA	5,382,052	3,778,284	1,603,768	147,279	15-Apples, dairy, wheat, cattle/calves(53%).
WI	5,756,477	1,686,063	4,070,414	176,572	12-Dairy, cattle/calves, corn, soybeans(77%).
WV	394,104	70,587	323,517	5,675	46-Broilers, cattle/calves, dairy, turkeys(71%).
WY	844,675	198,796	645,879	22,387	38-Cattle/calves, sugar beets, hay, sheep/lambs(83%).
US	208,664,538	112,096,591	96,567,947	7,495,953	Cattle/calves,dairy prod, corn, soybeans (46%).

ERS, Farm Structure and Performance Branch, (202) 694–5592. E-mail contact is rogers@econ.ag.gov.

Table 9-40.—Expenses: Farm production expenses, United States, 1990–97 [1]

Item	1990	1991	1992	1993
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
Total production expenses	153,302.1	153,279.3	152,940.4	160,506.0
Feed purchased	20,387.8	19,332.8	20,133.0	21,431.2
Livestock and poultry purchased	14,641.5	14,129.1	13,574.2	14,600.5
Seed purchased	4,517.8	5,113.3	4,913.4	5,162.9
Fertilizer and lime	8,206.3	8,666.1	8,330.7	8,397.5
Pesticides	5,363.2	6,320.5	6,470.6	6,723.3
Fuel and oil	5,789.7	5,607.5	5,298.4	5,349.8
Other [1]	32,798.8	34,170.2	33,463.5	37,485.3
Interest	13,437.2	12,119.1	11,137.5	10,821.5
Contract and hired labor expenses	14,118.8	13,902.8	14,008.1	15,004.0
Net rent to nonoperator landlord [2]	10,047.5	9,913.3	11,177.5	10,999.7
Capital consumption	18,131.6	18,190.0	18,317.0	18,353.3
Property taxes	5,861.9	5,814.7	6,117.0	6,177.0

Item	1994	1995	1996	1997
Total production expenses	167,503.5	174,119.9	182,439.3	188,443.2
Feed purchased	22,631.2	23,829.3	25,234.2	25,231.6
Livestock and poultry purchased	13,273.4	12,335.3	11,228.7	13,753.0
Seed purchased	5,373.1	5,461.7	6,212.0	6,710.8
Fertilizer and lime	9,179.7	10,032.8	10,934.0	10,933.4
Pesticides	7,225.0	7,726.5	8,526.3	8,827.3
Fuel and oil	5,312.0	5,427.4	6,018.7	6,223.2
Other [1]	40,518.6	42,681.2	42,991.5	44,738.0
Interest	11,735.2	12,726.4	13,220.7	13,677.5
Contract and hired labor expenses	15,311.1	16,289.8	17,535.1	18,606.3
Net rent to nonoperator landlord [2]	11,774.3	11,799.5	14,300.6	13,243.3
Capital consumption	18,694.9	19,098.8	19,419.1	19,520.2
Property taxes	6,475.0	6,711.2	6,818.7	6,978.7

[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@econ.ag.gov.

Table 9-41.—Average Income to Farm Operator Households, United States, 1994–97 [1]

Item	1994	1995	1996	1997 [2]
	Dollars per farm			
Net cash farm business income [3]	11,389	11,218	13,502	12,460
Less depreciation [4]	6,466	6,795	6,906	6,578
Less wages paid to operator [5]	425	522	531	513
Less farmland rental income [6]	701	769	672	568
Less adjusted farm business income due to other household(s) [7]	815	649	1,094	*1,429
	Dollars per farm operator household			
Equals adjusted farm business income	2,981	2,484	4,300	3,373
Plus wages paid to operator	425	522	531	513
Plus net income from farmland rental [8]	n.a.	1,053	1,178	945
Equals farm self-employment income	3,407	4,059	6,009	4,831
Plus other farm-related earnings [9]	970	661	1,898	1,158
Equals earnings of the operator household from farming activities	4,376	4,720	7,906	5,989
Plus earnings of the operator household from off-farm sources [10]	38,092	39,671	42,455	46,358
Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS	42,469	44,392	50,361	52,347
	Dollars per U.S. household			
U.S. average household income [11]	43,133	44,938	47,123	49,692
	Percent			
Average farm operator household income as percent of U.S. average household income	98.5	98.8	106.9	105.3
Average operator household earnings from farming activities as percent of average operator household income	10.3	10.6	15.7	11.4

*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] Prelimary data. [3] A component of farm sector income. Excludes income of contractors and landlords as well as the income of farms organized as nonfamily corporations or cooperatives and farms run by a hired manager. Includes the income of farms organized as proprietorships, partnerships, and family corporations, which are all closely held by households. [4] Consistent with the CPS definition of self-employment income, reported depreciation expenses are subtracted from net cash farm income. The Agricultural Resource Management Study collects farm business depreciation used for tax purposes. [5] Wages paid to the operator are subtracted here because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. [6] Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. [7] More than one household per farm may have a claim on the income of a farm business. The national average is 1.1 households per farm sharing the income of a farm business. [8] Includes net rental income from the farm business. Also includes net rental income from farmland held by household members that is not part of the farm business. In 1994, net rental income was collected as a part of off-farm income. [9] Includes wages paid to other operator household members by the farm business and earnings (net income) from a farm business other than the one being surveyed. [10] Income from wages, salaries, nonfarm businesses, interest, dividends, transfer payments, net rental income from nonfarm properties, etc. In 1994, also includes net rental income from farmland. [11] From the Current Population Survey.

ERS, Farm Structure and Performance Branch, (202) 694-5572. Sources: U.S. Dept. of Agriculture, Economic Research Service, 1994 and 1995 Farm Costs and Returns Survey, and 1996 and 1997 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 9-42.—Grazing fees: Rates for cattle by selected States and regions, 1996–98

State	Monthly lease rates for private non-irrigated grazing land [1]								
	Animal unit [2]			Cow-calf			Per head		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Dollars per head	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*
AZ	6.50	6.50	6.70	8.00	8.50	9.50	7.00	7.90	8.30
CA	10.10	10.60	11.50	12.20	13.00	14.50	11.90	12.00	12.90
CO	11.40	11.30	11.80	13.20	13.60	13.90	10.70	10.60	11.50
ID	10.20	10.40	10.80	12.20	12.50	12.80	10.40	11.20	11.50
KS	12.00	10.50	12.90	14.00	12.80	14.80	11.00	9.80	11.90
MT	11.80	12.30	12.60	13.20	13.90	14.30	11.70	13.20	13.30
NE	18.00	18.80	19.00	21.40	22.20	23.00	18.00	18.50	19.00
NV	8.80	9.00	9.10	11.50	12.00	12.00	9.30	9.50	9.70
NM	8.87	8.79	8.80	11.30	10.30	9.75	9.37	9.00	9.70
ND	10.60	9.30	10.20	12.50	11.00	11.40	10.30	10.00	11.10
OK	7.00	8.00	9.00	8.50	8.70	9.50	8.00	7.50	8.00
OR	10.00	10.20	11.10	10.80	11.50	12.80	9.45	9.85	11.40
SD	13.20	14.00	14.20	15.00	16.40	16.50	14.80	14.40	14.80
TX	8.00	9.00	9.00	9.20	10.00	9.50	8.50	8.00	9.00
UT	9.75	9.00	10.00	11.00	11.10	11.30	11.00	11.00	11.10
WA	8.70	9.00	10.00	9.00	9.60	10.50	10.30	9.30	10.50
WY	11.00	12.00	11.90	13.00	14.00	13.80	11.10	12.20	12.30
17-State [3]	10.50	11.00	11.40	12.20	12.70	13.00	10.80	10.80	11.60
16-State [4]	11.40	11.70	12.30	13.40	13.70	14.30	11.80	11.80	12.50
11-State [5]	10.40	10.70	11.10	12.10	12.60	13.00	10.70	11.30	11.80
9-State [6]	10.50	11.00	11.50	12.30	12.80	13.00	10.80	10.60	11.40

[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, Livestock and Economics Branch, (202) 720–6146.

CHAPTER X

TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

Table 10-1.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, and amount per $100 of full value, by States, 1993 and 1994 [1]

State	Amount levied on farm real estate		Taxes per acre, amount		Taxes per $100 of full value	
	1993	1994	1993	1994	1993	1994
	Million dollars	*Million dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	11.1	11.4	1.32	1.32	0.15	0.14
AZ	50.7	50.5	6.02	6.02	1.97	1.92
AR	38.6	38.5	2.83	2.86	0.37	0.36
CA	338.7	344.4	13.93	14.21	0.81	0.83
CO	83.2	89.5	2.90	3.13	0.76	0.73
CT	9.9	9.9	27.85	28.69	0.65	0.61
DE	1.2	1.2	2.24	2.17	0.09	0.08
FL	140.7	130.8	14.71	13.68	0.71	0.62
GA	52.4	53.5	5.29	5.40	0.55	0.55
HI	42.9	41.6	25.33	24.59	0.74	0.75
ID	39.8	39.7	3.58	3.58	0.52	0.46
IL	431.2	465.7	15.32	16.55	1.02	1.01
IN	138.6	142.8	8.71	8.97	0.64	0.61
IA	358.9	350.6	11.44	11.21	0.92	0.85
KS	107.1	111.5	2.32	2.41	0.47	0.45
KY	43.6	44.0	3.19	3.22	0.29	0.28
LA	18.2	17.8	2.48	2.48	0.26	0.26
ME	13.7	13.9	10.77	11.31	1.09	1.05
MD	23.8	24.7	11.14	11.59	0.44	0.40
MA	14.7	14.9	26.87	27.68	0.73	0.69
MI	359.4	176.1	35.97	17.63	3.18	1.45
MN	198.2	206.2	7.56	7.86	0.84	0.87
MS	22.3	22.5	2.29	2.31	0.30	0.28
MO	78.4	79.7	2.73	2.78	0.38	0.37
MT	86.1	71.4	1.78	1.48	0.66	0.49
NE	398.0	426.0	9.10	9.74	1.57	1.53
NV	4.1	4.1	0.76	0.78	0.36	0.34
NH	9.2	9.6	23.80	24.99	1.09	1.05
NJ	36.0	36.6	42.40	43.67	0.93	0.90
NM	12.5	12.2	0.41	0.40	0.18	0.17
NY	160.3	156.3	20.33	20.33	1.82	1.63
NC	59.8	60.3	7.12	7.26	0.54	0.54
ND	90.2	92.1	2.42	2.47	0.62	0.60
OH	167.0	175.4	11.42	11.99	0.90	0.87
OK	64.6	65.1	2.07	2.09	0.41	0.39
OR	77.8	70.7	4.91	4.47	0.75	0.60
PA	132.8	133.7	18.13	18.49	1.04	0.97
RI	3.0	2.9	58.51	56.75	1.20	1.06
SC	19.8	20.2	4.33	4.42	0.50	0.48
SD	152.0	139.9	4.11	3.78	1.11	0.98
TN	53.2	52.7	4.65	4.65	0.44	0.44
TX	379.3	391.4	3.02	3.14	0.64	0.64
UT	12.1	12.6	1.74	1.83	0.38	0.36
VT	21.3	21.9	15.77	16.56	1.36	1.31
VA	61.7	63.5	7.57	7.80	0.58	0.58
WA	74.2	77.0	5.78	6.07	0.74	0.68
WV	4.5	5.0	1.34	1.49	0.19	0.21
WI	308.2	307.6	19.27	19.46	2.07	2.00
WY	18.5	18.6	0.78	0.79	0.52	0.47
US	5,023.3	4,908.6	5.98	5.86	0.85	0.75

[1] Totals may not add due to rounding. Excludes Alaska. NA-not available.

ERS, 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, 1987–96 [1]

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	Million dollars	*Dollars*	*1977=100*
1987	4,198.0	4.82	144
1988	4,278.4	4.92	147
1989	4,395.5	5.06	151
1990	4,558.8	5.27	158
1991	4,743.3	5.61	169
1992	4,869.2	5.78	174
1993	5,023.3	5.98	180
1994	4,908.6	5.86	175
1995	NA	NA	NA
1996	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, 1948–97

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cyclone, tornado, wind, hot wind	Insects	Disease	All others
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
All other citrus trees	1997	0	0	0	100	0	0	0	0	0
Almonds	1981-97	2	3	66	26	0	3	0	0	1
Apples	1963-97	9	25	0	55	0	3	0	0	8
Aarley	1956-97	59	12	14	4	1	1	6	2	2
Blueberries	1995-97	15	2	3	61	0	20	0	0	0
Burley tobacco	1997	58	5	11	12	0	0	0	13	0
Canning beans	1988-97	41	6	22	18	0	4	2	6	1
Canning peaches	1986-87	4	0	92	0	0	0	0	0	4
Canola	1995-97	8	2	85	1	1	1	0	2	0
Cherries	1963-66	0	8	0	89	0	3	0	0	0
Cigar binder tobacco	1997	0	8	0	0	0	2	0	90	0
Citrus	1951-97	1	1	1	95	0	2	0	0	0
Citrus trees	1983-97	0	0	0	100	0	0	0	0	0
Combined crop	1948-87	0	0	0	0	0	0	0	0	100
Corn	1948-97	49	6	23	13	3	2	1	1	1
Cotton	1948-97	34	16	24	17	1	4	2	1	1
Cotton ex long staple	1984-97	5	21	9	38	1	4	16	4	1
Cranberries	1984-97	7	11	9	49	0	4	1	0	18
Dark air tobacco	1997	17	2	13	29	0	0	0	40	0
Dry beans	1948-97	26	20	23	20	2	2	1	5	2
Figs	1988-97	14	0	43	18	0	7	0	0	18
Fire cured tobacco	1997	3	26	36	2	0	4	0	12	17
Flax	1948-97	46	8	23	6	1	6	2	3	5
Flue cured tobacco	1997	17	35	6	21	0	3	0	16	2
Forage production	1979-97	25	0	18	52	1	0	1	0	2
Forage seeding	1978-97	22	1	15	55	0	4	2	0	1
Fresh apricots	1997	0	56	44	0	0	0	0	0	0
Fresh freestone peaches	1997	0	14	0	86	0	0	0	0	0
Fresh market sweet corn	1985-97	1	4	10	77	0	7	0	0	1
Fresh market tomatoes	1984-97	3	3	12	62	0	19	0	0	1
Fresh nectarines	1997	0	12	0	88	0	0	0	0	0
Fresh plum	1990-97	2	34	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, 1948–97—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	1959-97	53	5	18	13	2	4	4	0	1
Grapefruit	1997	6	9	7	71	0	6	0	0	1
Grapes	1967-97	17	5	23	44	1	4	0	0	6
Hybrid corn seed	1983-97	66	2	24	3	1	1	1	2	1
Hybrid sorghum seed	1988-97	3	29	3	57	0	7	0	0	2
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
Macadamia nuts	1988-96	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	73	0	0	27	0	0	0	0	0
Millet	1996-97	23	24	45	3	0	3	0	0	0
Nursery	1986-97	0	6	12	19	2	53	0	5	2
Oats	1956-97	65	10	15	5	1	2	1	1	0
Onions	1988-97	17	23	22	6	4	10	1	6	11
Orange trees	1996	0	0	0	100	0	0	0	0	0
Oranges	1958-97	0	0	0	99	0	0	0	0	1
Pea,dry and green	1962-97	39	7	30	13	0	5	0	4	1
Peaches	1957-97	3	14	1	81	0	1	0	0	1
Peanuts	1962-97	73	0	14	3	0	1	0	9	1
Pears	1989-97	0	8	12	67	6	0	0	0	8
Peppers	1984-97	0	15	23	51	0	11	0	0	0
Popcorn	1984-97	38	13	21	15	3	4	1	2	3
Potatoes	1962-97	27	5	28	23	3	3	1	9	1
Prevented planting	1994-97	0	0	97	0	3	0	0	0	0
Prevented planting endorse	1986-93	26	0	14	0	56	0	0	0	3
Processing apricots	1997	41	0	40	15	0	4	0	0	0
Processing cling peaches	1997	75	0	5	16	0	3	0	0	0
Prunes	1986-97	14	1	64	13	0	3	0	0	5
Raisins	1961-97	0	0	100	0	0	0	0	0	0
Revenue coverage corn	1996	5	33	37	4	17	1	1	2	0
Revenue coverage soybeans	1996	8	17	39	11	15	1	0	8	0
Rice	1958-97	9	0	44	11	7	7	0	11	9
Rye	1980-97	55	11	13	17	1	2	1	0	1
Safflower	1964-97	71	2	2	11	0	11	1	2	1
Soybeans	1955-97	54	5	29	5	4	1	0	1	1
Special citrus	1992-94	0	13	0	87	0	0	0	0	0
Stonefruit	1988-96	8	12	48	19	0	4	0	0	9
Sugar beets	1965-97	23	5	33	12	3	8	3	9	2
Sugarcane	1967-97	5	0	11	62	0	6	7	5	5
Sunflowers	1976-97	31	10	25	23	1	2	5	2	2
Sweet corn	1978-97	40	2	32	20	1	3	0	1	1
Table grapes	1984-97	34	6	38	9	0	5	0	1	7
Tangelos	1997	2	0	0	98	0	0	0	0	0
Tobacco	1948-96	41	12	27	2	1	6	0	10	1
Tomatoes	1963-97	37	2	47	6	1	3	1	4	1
Tung nuts	1965-70	0	0	0	100	0	0	0	0	0
Walnuts	1984-97	22	2	43	20	0	10	1	0	2
Wheat	1948-97	48	13	14	13	1	3	2	5	1
All crops	1948-97	45	9	22	13	2	3	1	3	1

GRP crops do not have any specific cause of loss.
RMA, Program Automation Branch, (816) 926–7910.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
All other citrus trees:								
1996	4	215	0	10,419	256	0	0	0
Almonds:								
1994	16	2,286	130	154,502	10,637	73	4	1,269
1995	16	4,087	280	307,676	18,814	2,373	146	58,973
1996	16	3,849	254	287,894	19,335	895	49	13,323
Apples:								
1994	230	1,855	52	64,569	8,129	589	17	6,960
1995	230	4,570	226	212,843	12,750	839	23	12,948
1996	242	4,344	224	222,110	12,600	795	26	9,784
Avocado trees:								
1996	1	181	0	3,081	79	1	0	([4])
Barley:								
1994	918	46,999	2,643	141,361	13,953	6,656	535	10,216
1995	986	89,223	5,693	233,769	21,862	19,244	1,328	24,690
1996	1,120	68,752	4,825	244,294	24,037	11,273	753	13,371
Barley(GRP):								
1994	54	3	1	27	1	0	0	0
1995	54	0	0	0	0	0	0	0
Beans, canning:								
1994	111	362	20	3,812	347	25	1	162
1995	111	1,217	99	15,289	1,114	143	10	648
1996	120	799	60	8,751	668	71	4	362
Bean, dry:								
1994	265	20,647	986	153,458	18,542	4,952	343	22,480
1995	278	30,761	1,620	226,234	26,941	4,662	309	23,305
1996	278	24,610	1,327	200,387	23,738	3,061	206	12,570
Blueberries:								
1995	13	257	10	4,534	390	9	([4])	13
1996	13	347	14	6,834	626	120	3	480
Canola:								
1995	11	4,885	268	13,505	1,849	2,690	152	5,052
1996	11	5,182	284	15,268	2,531	3,154	184	4,277
Carambola trees:								
1996	1	18	0	263	7	0	0	0
Citrus:								
1994	44	1,609	37	36,997	3,306	11	([4])	45
1995	28	4,814	281	182,014	11,624	83	4	824
1996	28	10,105	588	317,034	25,509	310	10	1,737
Citrus trees:								
1994	3	2,276	25	44,599	2,795	1	([4])	3
1995	3	2,202	25	52,139	3,268	0	0	0
1996	3	2,082	27	54,451	3,297	0	0	0
Corn:								
1994	2,314	545,668	29,429	4,584,348	268,545	26,944	1,620	51,893
1995	2,488	984,279	59,443	6,752,567	371,867	147,616	10,232	348,942
1996	2,500	729,235	47,244	6,623,781	407,224	84,756	5,670	215,748
Corn(GRP):								
1994	672	6,567	999	202,320	5,050	31	3	35
1995	672	5,159	864	261,552	5,962	346	92	1,316
1996	674	4,604	850	298,065	7,666	579	158	5,253
Corn, income protection:								
1996	14	1,039	119	35,245	1,250	57	4	101
Corn, crop revenue coverage:								
1996	191	133,548	7,791	1,858,409	110,653	11,349	809	42,659
Cotton:								
1994	565	96,585	5,780	900,770	129,293	25,456	2,620	82,590
1995	595	192,237	15,816	2,566,194	285,488	56,257	6,189	310,839
1996	627	157,979	12,522	2,142,481	265,969	44,353	5,218	293,631
Cotton ELS:								
1994	30	296	21	9,687	902	60	4	498
1995	30	1,059	174	53,124	2,795	108	12	1,722
1996	30	791	169	63,263	3,234	61	5	1,170
Cotton(GRP):								
1994	92	117	28	6,399	503	26	19	256
1995	92	6	1	266	19	1	1	104
Cotton, income protection:								
1996	8	81	25	8,779	1,244	2	1	298
Cranberries:								
1994	22	207	8	38,638	1,744	39	2	3,377
1995	24	514	18	72,907	3,124	68	2	1,858
1996	25	574	23	80,688	3,352	49	1	1,737
Figs:								
1994	4	74	5	4,665	445	0	0	0
1995	4	80	9	7,236	561	5	2	248
1996	4	90	8	6,941	548	4	([4])	61
Flax:								
1994	95	1,306	51	1,735	229	251	12	197
1995	95	3,979	175	4,091	599	1,582	88	1,350
1996	95	1,679	68	1,774	305	657	23	331

See footnotes at end of table. GRP is the Group Risk Plan of Insurance.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
Forage Production:								
1994	177	3,103	210	22,750	2,321	658	47	2,149
1995	178	32,652	2,562	212,804	12,533	809	72	3,577
1996	190	19,665	1,626	150,152	9,108	1,814	140	6,864
Forage Production (GRP):								
1994	17	271	20	3,784	150	78	6	140
1995	68	999	89	15,934	565	60	5	91
1996	68	5,997	532	89,289	2,080	83	8	128
Forage Seeding:								
1994	151	1,683	41	3,403	301	213	6	296
1995	151	4,963	153	8,320	811	738	22	949
1996	152	2,483	69	4,505	461	251	8	346
Fresh Market Sweet Corn:								
1994	12	351	20	9,177	704	3	(4)	9
1995	12	453	33	13,464	966	45	3	599
1996	12	453	33	14,500	970	45	3	423
Fresh Market Tomatoes:								
1994	42	187	10	26,170	3,322	38	1	780
1995	42	348	41	61,403	5,515	53	3	3,930
1996	47	443	45	68,578	5,922	142	6	8,909
Fresh Plum:								
1994	7	144	3	3,619	298	15	(4)	124
1995	7	832	26	22,960	1,473	506	14	7,000
1996	7	848	25	22,557	1,580	92	2	908
Grain sorghum:								
1994	1,129	77,540	3,110	222,652	22,419	9,809	923	14,178
1995	1,350	180,950	7,413	378,309	36,193	38,395	3,395	50,742
1996	1,350	197,654	9,814	609,023	71,531	28,363	3,853	66,436
Grain sorghum(GRP):								
1994	81	20	1	109	3	0	0	0
1995	81	1	(4)	18	1	0	0	0
1996	81	18	4	536	38	0	0	0
Grapefruit trees:								
1996	4	245	(4)	9,808	229	0	0	0
Grapes:								
1994	80	1,865	67	89,225	6,684	305	12	8,254
1995	80	6,609	331	225,329	12,232	369	15	3,238
1996	80	7,388	375	269,208	14,540	606	23	9,361
Hybrid corn seed:								
1994	436	7,355	330	110,492	10,512	365	26	1,357
1995	436	6,949	375	92,006	8,389	2,271	147	10,377
1996	436	9,314	521	159,414	15,403	614	44	2,820
Hybrid sorghum seed:								
1994	16	41	1	432	70	0	0	0
1995	16	810	37	5,908	788	90	6	282
1996	16	735	39	8,423	1,291	25	3	561
Lime trees:								
1996	1	40	0	2,083	57	0	0	0
Macadamia nuts:								
1994	3	7	1	2,017	21	0	0	0
1995	3	54	12	8,904	90	0	0	0
1996	3	58	15	11,876	117	3	(4)	31
Macadamia trees:								
1994	4	19	2	17,340	245	0	0	0
1995	4	38	12	73,796	870	0	0	0
1996	4	114	13	52,564	576	0	0	0
Mango trees:								
1996	1	34	0	581	15	0	0	0
Millet:								
1996	5	1,962	130	4,719	564	338	28	385
Nursery:								
1994	(6) (7)	452	0	106,153	3,274	25	0	4,515
1995	(6) (7)	649	0	238,887	6,916	94	0	15,213
1996	(6) (7)	1,074	0	468,811	9,165	56	0	8,111
Oats:								
1994	1,362	29,240	766	27,761	3,461	3,938	137	2,440
1995	1,433	45,836	1,613	38,894	5,343	12,049	509	7,303
1996	1,571	32,569	1,195	33,276	4,892	6,456	284	3,865
Onions:								
1994	58	441	16	5,309	330	22	(4)	90
1995	60	1,292	58	20,689	1,499	66	2	614
1996	60	785	41	17,830	1,377	87	6	1,790
Orange trees:								
1996	4	449	0	77,444	1,420	1	0	1

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
Peas, dry green:								
1994	147	3,770	180	30,102	2,824	623	40	1,711
1995	147	8,782	527	45,059	3,242	809	48	2,078
1996	155	5,960	338	31,864	2,538	1,142	101	2,548
Peaches:								
1994	208	1,228	38	15,843	2,546	466	13	3,558
1995	208	1,662	51	17,847	2,424	156	5	826
1996	208	1,530	52	22,411	3,126	997	38	14,860
Peanuts:								
1994	266	30,197	1,081	578,070	42,010	5,878	235	35,370
1995	273	37,723	1,443	630,268	47,378	9,398	359	60,763
1996	273	33,811	1,240	543,383	41,768	6,038	232	33,933
Peanuts(GRP):								
1994	43	16	5	4,271	120	0	0	0
1995	43	6	2	2,678	58	4	1	8
1996	43	3	1	728	20	0	0	0
Pears:								
1994	21	52	1	1,455	108	5	(4)	12
1995	21	793	26	25,249	962	25	1	144
1996	21	780	29	23,266	914	130	3	400
Peppers:								
1994	12	45	3	7,611	882	6	1	1,114
1995	12	73	9	14,674	1,439	17	1	2,283
1996	13	84	9	17,313	1,830	36	3	5,364
Popcorn:								
1994	309	2,043	93	16,408	1,236	212	13	532
1995	310	2,712	125	17,855	1,179	468	28	1,396
1996	312	2,135	120	21,461	1,505	187	17	1,282
Potatoes:								
1994	286	3,842	302	197,304	15,246	1,083	82	28,710
1995	299	8,181	936	496,797	28,153	1,223	91	28,749
1996	307	6,490	789	467,643	29,028	859	67	29,722
Prevented plant endorsement:								
1994	(8)	38	2	55	4	6	1	29
Prunes:								
1994	14	705	34	37,565	3,336	187	9	2,995
1995	14	1,090	59	127,641	6,118	189	12	4,382
1996	14	1,048	56	65,003	6,167	49	2	1,094
Raisins: [5]								
1994	7	3,099	240	141,645	13,669	672	89	30,497
1995	7	2,649	176	89,596	8,797	0	0	0
1996	7	52	3	757	54	0	0	0
Rice:								
1994	133	6,270	647	109,757	5,486	812	116	4,026
1995	136	41,637	3,036	334,786	11,933	1,209	170	5,373
1996	138	21,808	1,929	288,749	10,067	360	52	1,628
Rye:								
1994	38	71	2	67	8	14	(4)	6
1995	38	820	46	797	75	30	2	15
1996	41	648	32	929	86	50	3	47
Safflower:								
1994	63	380	29	1,260	239	70	9	313
1995	63	1,198	126	8,488	552	51	6	104
1996	71	775	105	8,050	507	77	12	354
Soybeans:								
1994	1,801	406,399	19,214	2,278,222	127,780	24,525	1,848	44,572
1995	1,907	892,045	50,606	4,167,473	221,964	85,615	6,253	155,471
1996	1,917	658,325	40,155	4,346,676	253,060	48,631	3,283	97,633
Soybeans(GRP):								
1994	741	4,521	673	99,768	2,360	0	0	0
1995	741	3,220	503	119,657	2,050	114	29	489
1996	742	2,922	495	129,441	2,007	271	69	1,567
Soybeans, crop revenue coverage:								
1996	176	78,726	3,534	656,631	31,057	4,753	288	10,150
Special Citrus:								
1994	11	687	14	15,671	872	5	(4)	11
Stonefruit:								
1994	16	266	6	9,467	742	31	1	879
1995	16	1,953	64	59,304	3,632	494	13	6,109
1996	16	2,049	66	56,969	3,560	209	5	3,248
Sugarbeets:								
1994	139	12,180	724	304,615	13,231	3,099	187	10,667
1995	146	21,874	1,336	513,454	20,323	2,199	161	19,367
1996	154	17,048	1,091	485,773	19,678	2,283	146	11,324
Sugarcane:								
1994	23	598	34	14,180	1,136	40	2	200
1995	24	5,797	489	104,327	4,937	63	4	354
1996	28	5,462	473	95,901	4,228	447	26	5,170

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
Sunflowers:								
1994	202	23,475	1,612	99,829	10,305	3,235	317	8,028
1995	205	48,535	3,330	163,044	17,951	16,420	1,260	30,409
1996	209	36,519	2,169	120,090	14,856	12,214	608	16,605
Sweet Corn:								
1994	164	3,391	162	29,964	1,635	297	14	1,556
1995	167	4,711	324	51,992	2,442	548	31	3,281
1996	169	3,724	235	38,339	1,870	213	12	935
Table Grapes:								
1994	11	81	4	7,717	459	8	(4)	392
1995	11	399	53	61,735	2,760	26	1	769
1996	11	400	61	80,108	3,414	9	1	262
Tobacco:								
1994	448	51,337	309	670,466	22,323	2,771	19	19,914
1995	448	190,191	649	1,137,376	33,040	18,827	135	94,081
1996	449	112,094	547	1,157,013	40,256	14,006	104	90,058
Tomatoes:								
1994	86	1,348	76	69,852	3,744	83	7	1,342
1995	86	3,055	272	166,969	7,490	140	9	1,825
1996	87	2,543	207	154,185	6,688	107	9	1,957
Walnuts:								
1994	26	117	6	6,742	372	31	2	542
1995	26	1,067	60	31,088	1,116	64	3	660
1996	26	955	55	30,348	1,145	71	4	674
Wheat:								
1994	2,223	409,767	29,229	1,858,378	158,215	65,308	8,033	186,776
1995	2,242	792,556	58,116	2,925,019	248,856	142,367	16,422	249,915
1996	2,407	773,601	59,703	3,337,206	292,137	212,879	24,003	427,462
Wheat(GRP):								
1994	172	215	31	2,695	99	0	0	0
1995	172	65	7	689	30	45	6	71
1996	172	58	22	2,136	108	4	(4)	1
Wheat, income protection:								
1996	8	456	170	18,497	1,851	110	29	653
Total, all commodities:								
1994	16,620	1,815,714	99,565	13,607,259	949,523	190,050	17,376	598 ,064
1995	17,413	3,685,558	220,131	23,697,425	1,542,111	572,072	47,832	1,56 5,671
1996	18,271	3,202,438	204,580	26,766,260	1,828,989	506,655	46,650	1,486,764

[1] Data for 1996 are preliminary. [2] Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included. [3] The insured's share of the planted area on the farm. [4] Less than 500. [5] Thousands of tons insured for raisins (not included in total of all commodities). [6] The nursery is available in all states and counties except Alaska and Hawaii. The county count does not include Nursery. [7] Nursery is a container based crop therefore acreage is not shown in this report. [8] Prevented planting endorsement is available on the following crops: Barley, corn, cotton, ELS cotton, grain sorghum, oats, rice, wheat, hybrid corn seed, hybrid sorghum seed, canola, flax, sunflowers, soybeans, and rye.

RMA, Program Automation Branch, (816) 926–7910.

Table 10-5.—Farm real estate debt: Amount outstanding by farming regions, December 31, 1988–97 [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*
1988	3,966,309	8,732,609	18,980,187	9,084,305	6,261,632	6,050,562
1989	4,109,130	8,232,809	18,367,338	8,738,177	6,144,922	5,899,984
1990	3,947,387	7,968,263	17,776,575	8,594,807	6,043,812	5,789,721
1991	3,956,044	7,879,171	18,112,021	8,598,713	6,255,157	5,717,068
1992	4,112,518	7,955,498	18,571,881	8,735,914	6,160,201	5,750,907
1993	4,225,679	8,054,166	18,925,500	9,012,984	6,098,602	5,774,239
1994	4,279,584	8,326,818	19,647,100	9,209,160	6,225,866	5,986,644
1995	4,209,999	8,590,997	20,173,969	9,475,739	6,318,832	5,963,890
1996	4,361,893	8,806,742	20,992,414	9,698,135	6,406,038	6,094,847
1997 [2]	4,501,110	9,354,068	21,972,845	9,961,567	6,661,529	6,400,437

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*
1988	4,177,621	7,216,878	7,323,254	10,898,661	82,952,522
1989	4,023,261	6,797,640	6,934,530	10,990,327	80,482,191
1990	3,860,375	6,693,679	6,797,448	11,178,683	78,903,126
1991	3,921,360	6,652,667	6,718,050	11,174,029	79,192,661
1992	3,904,423	6,508,897	6,623,770	11,220,642	79,738,417
1993	4,081,189	6,477,892	6,620,553	11,280,603	80,738,585
1994	4,236,316	6,610,909	6,755,581	11,509,349	82,971,225
1995	4,407,071	6,867,236	6,858,828	11,576,106	84,560,910
1996	4,511,602	7,169,360	7,010,136	11,877,465	87,079,331
1997 [2]	4,748,915	7,590,562	7,155,300	12,524,045	91,031,125

[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, 1992–97 [1]

State	1992	1993	1994	1995	1996	1997 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	757,229	790,458	785,728	831,755	879,233	932,469
AK	12,033	10,559	10,602	6,497	8,883	10,103
AZ	517,338	505,778	484,131	497,143	491,501	534,882
AR	1,857,039	1,955,910	2,014,731	2,115,849	2,192,741	2,410,180
CA	7,956,196	8,164,542	8,365,809	8,468,263	8,774,191	9,267,141
CO	1,564,681	1,636,485	1,666,050	1,778,813	1,811,867	1,797,355
CT	92,973	93,340	93,438	90,235	87,321	125,038
DE	185,355	188,427	165,377	175,749	163,195	194,957
FL	2,691,001	2,848,972	3,020,693	2,883,644	2,961,251	3,121,134
GA	1,768,393	1,688,047	1,736,074	1,838,174	1,841,792	1,911,317
HI	181,732	176,619	172,286	111,746	141,818	150,644
ID	1,351,778	1,256,868	1,304,616	1,306,143	1,347,508	1,379,239
IL	4,567,373	4,642,762	4,777,781	4,879,052	5,072,178	5,296,091
IN	3,155,535	3,178,924	3,255,929	3,258,648	3,405,800	3,583,698
IA	5,799,870	6,028,444	6,289,674	6,457,093	6,740,976	6,986,449
KS	2,597,227	2,670,381	2,729,809	2,811,613	2,874,099	2,946,857
KY	1,838,897	1,866,161	1,894,160	1,961,232	2,061,015	2,150,103
LA	763,554	796,260	833,911	834,507	843,255	832,820
ME	122,194	125,268	123,711	127,167	132,683	133,985
MD [3]	650,409	685,205	717,790	668,729	684,282	699,354
MA	131,994	145,695	140,235	121,423	133,264	153,995
MI	1,572,064	1,533,587	1,566,740	1,588,819	1,633,925	1,729,891
MN	3,743,630	3,872,774	4,041,245	4,165,555	4,261,585	4,587,238
MS	1,283,830	1,329,019	1,387,674	1,456,715	1,475,607	1,505,916
MO	2,952,477	3,008,220	3,117,040	3,348,236	3,425,862	3,612,044
MT	1,633,322	1,614,962	1,696,771	1,634,515	1,661,463	1,704,825
NE	2,995,202	3,151,149	3,226,317	3,318,523	3,483,338	3,581,096
NV	170,867	165,674	169,956	164,591	162,679	164,952
NH	35,630	44,197	44,007	42,083	42,142	41,089
NJ	269,728	271,272	276,784	263,071	408,294	409,591
NM	580,163	615,021	625,252	665,223	706,136	704,905
NY	947,818	955,109	961,631	932,532	930,135	916,444
NC	1,507,954	1,434,941	1,472,890	1,533,938	1,494,808	1,505,228
ND	1,662,906	1,650,951	1,680,954	1,695,087	1,702,010	1,765,246
OH	2,096,627	2,067,150	2,206,686	2,230,940	2,347,598	2,494,563
OK	1,736,528	1,726,905	1,797,616	1,896,887	1,96,282	2,006,917
OR	1,697,824	1,425,735	1,475,449	1,469,599	1,454,679	1,550,798
PA	1,483,012	1,501,717	1,536,467	1,560,590	1,563,501	1,613,670
RI	16,096	20,089	20,305	34,199	18,544	18,634
SC	534,284	446,762	445,149	410,317	412,572	435,516
SD	1,480,579	1,540,503	1,572,080	1,650,516	1,638,689	1,668,368
TN	1,166,371	1,170,194	1,235,055	1,270,511	1,316,148	1,426,654
TX	4,772,369	4,750,987	4,813,293	4,970,349	5,173,078	5,583,646
UT	375,339	364,479	365,051	374,450	377,418	400,845
VT	177,309	195,360	199,839	194,221	198,532	194,355
VA	1,325,343	1,298,876	1,313,599	1,255,721	1,241,964	1,287,883
WA	1,566,622	1,690,326	1,668,091	1,638,244	1,648,595	1,706,107
WV	321,636	328,430	310,162	297,430	292,104	291,661
WI	2,639,804	2,647,805	2,718,833	2,836,623	2,911,231	3,036,939
WY	430,282	461,286	443,754	437,950	451,566	468,296
US	79,738,417	80,738,585	82,971,225	84,560,910	87,079,331	91,031,125

[1] Includes operator households. Includes Commodity Credit Corporation storage and drying facility loans. [2] Preliminary. [3] Includes District of Columbia.

ERS, Farm Business Economics Branch, (202) 219–0796.

Table 10-7.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1996 and 1997 [1]

State	Federal Credit System [2]		Farm Service Agency [3]		Life insurance companies [4]		All operating banks		Individuals and others [5]	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	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*	*1,000 dollars*	*1,000 dollars*
AL	289,809	317,842	49,060	43,781	26,607	21,802	377,157	408,978	136,600	140,067
AK	522	917	680	1,168	0	0	2,402	2605	5,278	5,412
AZ	112,418	144,476	35,315	32,986	135,931	141,336	50,382	54,633	157,456	161,452
AR	672,269	818,447	147,183	135,684	304,845	311,108	837,077	907,700	231,368	237,240
CA	2,785,404	3,182,321	176,154	164,423	3,016,804	2,980,525	1,238,932	1,343,461	1,556,896	1,596,411
CO	868,574	816,708	68,322	64,398	150,282	155,987	291,238	315,809	433,451	444,453
CT	53,331	49,174	8,061	7,077	0	481,810	6,575	7,130	19,355	19,846
DE	91,557	91,572	5,765	4,918	0	28,593	39,478	42,808	26,396	27,066
FL	520,055	563,537	73,495	65,704	1,218,928	1,269,043	761,500	825,748	387,273	397,103
GA	539,718	555,629	76,750	68,995	164,300	149,635	866,366	939,460	194,657	199,598
HI	52,716	60,795	27,494	25,625	12,676	11,831	37,603	40,775	11,329	11,617
ID	535,172	550,416	131,256	120,293	245,826	259,306	49,571	53,753	385,683	395,472
IL	1,554,332	1,609,395	194,156	183,986	330,907	318,039	1,965,241	2,131,048	1,027,542	1,053,622
IN	910,508	974,215	138,315	127,680	317,015	324,077	1,118,644	1,213,024	921,319	944,703
IA	1,453,858	1,580,017	284,655	263,578	431,417	421,488	2,145,970	2,327,025	2,335,076	2,394,342
KS	1,097,203	1,086,039	174,441	163,463	139,725	140,390	968,151	1,049,834	494,579	507,131
KY	529,973	532,649	172,576	159,782	52,962	62,181	963,791	1,045,106	341,713	350,386
LA	297,557	276,430	55,742	47,939	115,127	108,737	260,580	282,565	114,249	117,149
ME	19,638	16,878	38,689	36,678	46,345	51,226	8,161	8,849	19,850	20,354
MD	366,589	364,522	21,704	19,145	21,378	26,510	128,764	139,628	145,847	149,549
MA	61,037	68,723	21,879	21,382	22,522	34,944	6,999	7,590	20,827	21,356
MI	705,831	778,014	111,866	104,257	55,237	49,742	297,894	323,028	463,097	474,851
MN	1,289,836	1,477,057	190,844	186,226	268,570	274,156	1,249,360	1,354,768	1,262,975	1,295,031
MS	302,649	330,912	138,254	120,200	269,746	236,321	578,228	627,013	186,730	191,469
MO	860,043	927,001	215,319	196,722	172,510	169,119	1,456,778	1,579,686	721,211	739,516
MT	407,186	402,952	121,125	117,491	214,073	226,040	270,170	292,965	648,908	665,378
NE	948,623	873,179	229,757	216,099	330,576	394,546	1,233,760	1,337,852	740,622	759,420
NV	70,176	72,313	11,772	10,921	13,057	12,008	5,404	5,860	62,270	63,850
NH	21,538	20,066	4,547	4,229	0	0	5,573	6,044	10,484	10,750
NJ	261,222	258,771	24,046	22,766	258	2	36,759	39,860	86,009	88,192
NM	297,798	277,802	41,166	38,031	72,324	79,094	129,644	140,582	165,203	169,396
NY	328,599	297,814	121,373	116,699	7,739	6,549	185,943	201,631	286,481	293,752
NC	501,000	483,894	110,455	98,479	94,202	78,882	589,809	639,571	199,341	204,401
ND	688,563	722,292	211,700	195,657	33,825	35,454	414,156	449,099	353,765	362,744
OH	838,057	919,412	100,822	91,788	103,894	98,053	802,974	870,720	501,852	514,589
OK	635,072	583,333	210,292	193,793	170,248	190,933	564,483	612,108	416,187	426,750
OR	385,613	395,676	72,460	68,511	234,150	298,552	105,959	114,899	656,497	673,159
PA	494,953	483,458	88,380	84,555	743	239	697,335	756,169	282,090	289,249
RI	12,248	12,148	2,844	2,859	0	0	1,486	1,611	1,965	2,015
SC	204,802	210,850	51,307	46,970	6,361	19,001	81,108	87,951	68,993	70,744
SD	492,929	479,298	255,358	248,420	84,565	91,852	381,583	413,777	424,253	435,021
TN	468,012	539,631	116,833	106,714	29,096	30,183	510,219	553,266	191,988	196,861
TX	2,062,648	2,396,908	265,547	249,381	479,447	443,953	1,151,600	1,248,761	1,213,835	1,244,643
UT	105,607	116,100	42,733	40,710	10,679	16,997	52,480	56,908	165,919	170,131
VT	70,515	62,703	37,054	34,542	18	715	53,254	57,747	37,691	38,648
VA	676,114	686,836	50,261	46,680	37,765	46,922	296,562	321,583	181,261	185,862
WA	482,228	482,952	89,439	80,291	352,869	384,252	274,211	297,346	449,848	461,265
WV	67,177	67,682	33,909	33,400	70,051	61,140	91,552	99,277	29,415	30,162
WI	778,749	803,499	145,067	130,680	77,640	77,616	1,134,071	1,229,752	775,704	795,392
WY	102,224	101,565	29,046	26,772	78,528	86,563	93,108	100,964	148 ,660	152,433
US	27,462,253	28,922,818	5,025,262	4,672,530	10,021,768	10,267,452	24,870,048	26,968,325	19,700,000	20,200,000

[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, 1994–97 [1]

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1994	1995	1996	1997 [2]	1994	1995	1996	1997 [2]
AL	330,203	358,822	377,257	408,978	305,458	320,042	320,201	348,334
AK	3,235	480	2,402	2,605	3,339	2,542	3,156	3,433
AZ	41,287	60,455	50,832	54,633	412,343	344,941	396,594	431,439
AR	763,243	812,000	837,077	907,700	721,984	808,074	779,803	848,317
CA	1,144,440	1,142,086	1,238,932	1,343,461	3,440,501	3,688,295	3,611,430	3,928,732
CO	261,056	302,266	391,238	315,809	787,565	865,192	833,085	906,281
CT	6,602	4,904	6,8575	7,130	4,539	2,190	4,019	4,373
DE	35,142	36,223	39,478	42,808	38,074	24,845	39,737	43,229
FL	729,545	658,562	761,500	825,748	423,369	384,861	427,000	464,516
GA	771,757	870,527	866,366	939,460	450,657	560,423	497,029	540,698
HI	42,106	5,389	37,603	40,775	32,917	35,331	34,993	38,067
ID	43,937	48,759	49,571	53,753	912,531	903,582	924,784	1,006,036
IL	1,787,278	1,830,815	1,965,241	2,131,048	2,272,835	2,396,489	2,399,731	2,610,572
IN	1,006,023	1,026,999	1,018,644	1,213,024	882,820	920,143	940,177	1,022,782
IA	1,964,151	2,086,155	2,145,970	2,327,025	3,411,620	3,391,209	3,593,970	3,909,738
KS	876,907	926,460	968,151	1,049,834	2,282,743	2,225,677	2,371,907	2,580,304
KY	862,133	916,242	963,791	1,045,106	492,537	498,607	5123,617	557,656
LA	231,511	249,100	260,580	282,565	348,100	401,189	373,025	405,799
ME	7,334	8,942	8,161	8,849	47,933	53,005	47,377	51,539
MD [3]	123,291	107,571	128,764	139,628	51,444	49,520	53,025	57,684
MA	4,207	4,540	6,999	7,590	60,662	26,586	51,910	56,471
MI	266,331	276,790	297,894	323,028	387,809	374,329	404,940	440,518
MN	1,131,661	1,231,078	1,249,360	1,354,768	2,145,189	2,265,044	2,267,654	2,466,892
MS	523,207	573,251	578,228	627,013	469,858	513,404	505,166	549,551
MO	1,313,789	1,407,108	1,456,778	1,579,686	1,312,754	1,411,628	1,397,232	1,519,994
MT	243,170	269,622	270,170	292,965	653,253	670,467	663,719	722,034
NE	1,131,017	1,188,905	1,233,760	1,337,852	3,158,247	3,231,214	3,295,832	3,585,406
NV	11,205	1,962	5,404	5,860	13,727	16,521	15,360	16,710
NH	4,974	4,744	5,573	6,044	245	802	433	471
NJ	35,177	30,856	36,759	39,860	9,137	8,946	25,287	27,508
NM	110,934	127,077	129,644	140,582	241,270	246,949	251,902	274,035
NY	170,760	159,759	185,943	201,631	365,408	393,321	391,846	426,274
NC	541,111	610,786	589,809	639,571	458,757	494,445	454,774	494,730
ND	379,547	395,967	414,156	449,099	1,120,427	1,205,439	1,141,110	1,241,369
OH	735,802	750,389	802,974	870,720	547,767	591,067	584,426	635,774
OK	513,308	566,463	564,483	612,108	1,579,895	1,441,427	1,577,488	1,716,087
OR	81,066	114,401	105,959	114,899	488,919	497,850	525,332	571,487
PA	625,008	666,636	697,335	756,169	266,005	265,644	274,255	298,351
RI	1,435	1,065	1,486	1,611	300	0	214	233
SC	77,853	61,295	81,108	87,951	71,926	68,042	74,229	80,750
SD	341,243	395,062	381,583	413,777	1,516,338	1,493,210	1,556,098	1,692,817
TN	457,251	484,372	510,219	553,266	326,862	367,818	357,462	388,869
TX	1,034,903	1,111,872	1,151,600	1,248,761	3,099,904	3,165,884	3,236,041	3,520,361
UT	46,948	49,650	52,480	56,908	175,906	183,624	181,313	197,244
VT	49,772	43,882	53,254	57,747	16,017	14,548	17,799	19,363
VA	270,264	277,863	296,562	321,583	168,128	167,617	173,255	188,477
WA	243,186	273,294	297,346	1,100,745	1,100,745	1,126,193	1,129,379	1,228,607
WV	84,935	83,552	91,552	99,277	27,742	26,746	26,925	29,291
WI	1,008,127	1,090,690	1,134,071	1,229,752	1,209,579	1,226,731	1,261,594	1,372,439
WY	85,670	99,728	93,108	100,964	346,799	363,302	355,265	386,479
US	22,555,042	23,805,416	24,870,048	29,968,325	38,662,884	39,734,955	40,361,901	43,908,120

[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, 1988–97[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*
1988	9.1	9.2	9.3	9.2	9.1	9.2	9.3	9.4	9.1	9.3	9.2
1989	9.5	9.5	9.5	9.4	9.6	9.8	9.5	9.6	9.3	9.6	9.5
1990	9.3	9.9	9.7	9.5	9.5	9.8	9.6	9.7	9.5	9.2	9.6
1991	8.8	9.2	9.0	8.8	8.7	9.2	9.0	9.1	8.9	8.5	8.9
1992	8.3	8.4	8.5	8.4	8.5	8.7	8.6	8.4	8.3	8.6	8.5
1993	7.7	7.7	7.8	7.7	7.8	8.0	7.9	7.7	7.6	7.9	7.8
1994	7.9	7.9	8.0	7.9	8.0	8.2	8.1	7.9	7.8	8.1	8.0
1995	7.9	8.0	8.1	8.0	8.1	8.2	8.2	7.9	7.8	8.0	8.0
1996	8.1	8.1	8.2	8.1	8.3	8.5	8.3	7.9	7.9	8.2	8.1
1997[3]	7.9	8.0	8.1	8.0	8.1	8.2	8.2	7.9	7.8	8.0	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] 1988–97[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*
1988	363,697	833,064	1,812,211	857,668	576,292	570,801
1989	383,133	803,475	1,779,135	837,967	595,261	586,812
1990	374,495	785,359	1,739,022	819,074	581,840	573,582
1991	346,262	726,151	1,607,915	757,323	537,975	530,339
1992	336,369	664,675	1,560,895	724,934	528,778	500,659
1993	319,704	617,365	1,465,078	684,447	479,959	463,735
1994	334,572	646,787	1,541,089	720,994	495,254	485,115
1995	333,765	675,051	1,611,737	744,051	507,155	491,280
1996	347,696	703,277	1,679,010	775,107	528,323	511,785
1997[3]	360,540	726,944	1,741,748	785,712	529,043	515,126

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1988	405,835	711,105	693,636	1,038,272	7,887,692
1989	389,108	669,909	663,002	1,049,245	7,781,976
1990	380,334	654,804	648,053	1,025,588	7,606,519
1991	351,661	605,438	599,196	948,268	7,033,058
1992	334,927	552,996	550,603	961,067	6,733,192
1993	316,449	500,736	503,406	889,014	6,254,851
1994	338,366	517,086	520,084	921,092	6,535,257
1995	353,230	533,017	527,831	919,063	6,708,371
1996	367,974	555,265	549,862	957,375	6,988,375
1997[3]	378,392	585,733	554,381	978,942	7,158,756

[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, 1988–97 [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*
1988	30,326,707	9,606,796	9,581,700	15,416,700	18,000,000	20,615	82,952,518
1989	28,506,713	8,719,822	9,597,900	16,646,179	17,000,000	11,575	80,482,191
1990	27,390,156	8,092,986	10,186,300	17,227,171	16,000,000	6,506	78,903,119
1991	26,760,206	7,462,411	10,029,300	18,436,918	16,500,000	3,786	79,192,651
1992	26,886,261	6,779,546	9,208,000	19,862,622	17,000,000	1,984	79,738,413
1993	26,460,450	6,216,178	9,469,174	20,847,783	17,450,000	0	80,738,585
1994	26,300,421	5,852,920	9,562,841	22,555,042	18,700,000	0	82,971,224
1995	26,529,840	5,403,307	9,622,280	23,805,146	19,200,000	0	84,560,906
1996	27,462,253	5,025,262	10,021,976	24,870,048	19,700,000	0	87,079,339
1997 [6]	28,922,818	4,663,567	10,267,452	26,968,325	20,200,000	0	91,022,162

[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, 1988–97 [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*
1988	29,799	9,131	14,658	53,588	12,000	65,588	8,902	74,490
1989	30,782	9,942	12,322	53,046	12,500	65,546	5,225	70,771
1990	32,913	10,258	10,652	53,823	13,000	66,823	4,377	71,200
1991	34,584	10,648	9,332	54,564	13,250	67,814	3,579	71,393
1992	34,644	10,777	8,118	53,539	13,500	67,038	4,771	71,809
1993	36,778	10,979	7,090	54,846	14,500	69,346	3,170	72,517
1994	38,663	11,646	6,841	57,150	15,500	72,650	6,237	78,887
1995	39,735	12,992	5,786	58,513	16,500	75,013	2,979	77,992
1996	40,362	14,599	5,243	60,204	17,800	78,004	1,333	79,119
1997 [3]	43,908	15,878	4,899	64,685	19,200	83,885	972	84,857

[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, 1989–98 [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*
1989	2,585	369,681	7,150,033	304	6,199	255,300	10,234
1990	2,825	429,925	6,656,773	172	6,272	225,308	9,271
1991	2,854	444,195	6,297,382	149	4,371	200,757	8,274
1992	3,721	588,052	5,871,201	213	4,934	179,600	7,289
1993	3,767	609,312	5,399,659	122	2,705	159,155	5,474
1994	4,418	681,217	5,012,489	98	3,146	138,686	4,521
1995	3,727	616,870	4,715,766	0	0	124,733	4,278
1996	3,630	624,316	6,816,032	0	0	118,484	.....
1997	3,482	613,877	7,008,911	0	0	98,774	3,874
1998	2,899	508,466	6,831,520	0	0	81,067	2,949

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*
1989	10,300	1,679,272	5,021,322	2,163	79,655	8,060,959
1990	9,868	1,626,468	4,348,195	1,838	100,792	6,682,433
1991	9,596	1,537,473	3,885,020	784	80,246	5,695,658
1992	10,658	1,700,035	3,459,758	1,015	75,236	4,956,934
1993	10,582	1,626,821	3,112,516	578	58,571	4,244,237
1994	13,137	2,014,715	2,805,783	2,469	90,013	3,649,004
1995	10,517	1,816,177	2,711,011	1,146	68,823	3,273,315
1996	10,377	1,882,431	5,945,331	2,163	176,500	3,046,279
1997	9,065	1,560,559	6,100,452	1,760	144,880	2,423,475
1998	9,433	1,568,071	6,040,488	1,045	97,569	2,039,657

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*
1989 ...	1	461	85,867	52,833	14,837	284	3,237,134
1990 ...	0	120	85,059	47,559	13,869	137	2,665,810
1991 ...	1	267	80,473	42,462	13,394	78	2,271,532
1992 ...	1	1,080	79,345	39,627	12,409	52	1,955,246
1993 ...	1	1,367	78,385	34,427	11,492	37	1,634,898
1994 ...	1	137	75,575	31,267	10,428	28	1,375,611
1995 ...	1	550	74,171	28,929	10,183	25	1,185,261
1996 ...	0	641	73,479	28,613	6,657	14	1,082,954
1997 ...	0	224	62,603	23,878	6,229	14	874,601
1998 ...	0	500	59,856	19,654	5,956	12	685,147

[1] Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

FSA, Loan Making Division, (202) 690–4006.

Table 10-14.—Rural Development: Loans made to individuals and organizations for housing purposes and loans outstanding, United States and Territories, 1988–97 [1]

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	30,170	1,347,109	18,558,816	54	12,438	135,792
1989	26,938	1,236,058	18,588,745	52	10,583	133,877
1990	23,882	1,269,316	18,669,914	53	11,708	136,192
1991	26,569	1,454,780	18,948,369	48	22,826	145,114
1992	33,734	1,814,631	19,072,870	55	32,264	157,206
1993	35,883	2,014,025	18,921,426	34	29,779	164,847
1994	46,242	2,508,434	18,556,694	27	11,746	167,817
1995	38,693	2,050,783	18,790,649	10	13,848	173,168
1996	45,864	2,689,868	18,234,081	29	16,857	187,177
1997	45,263	2,705,184	.....	16	15,426	.....

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	567	558,503	7,922,513	0	0	995
1989	576	570,677	8,427,460	2	928	783
1990	520	536,674	9,030,731	3	1,071	1,364
1991	557	583,870	9,625,135	1	143	464
1992	590	569,869	10,119,133	1	371	249
1993	571	584,813	10,526,675	0	0	822
1994	403	462,977	10,920,761	1	140	814
1995	167	179,306	11,334,285	1	120	383
1996	143	153,888	11,582,216	5	613	180
1997	41	57,391	.....	1	100	.....

[1] Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

RD, Management Systems Development, (703) 235-5520.

Table 10-15.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1988–97

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*
1988	2,988	1,836	113	4,937	1,912	2,142	141	4,195	1,939
1989 [6]	2,550	1,803	(7) 446	4,799	1,856	2,035	243	4,134	1,974
1990	2,519	1,717	427	4,663	1,882	2,006	232	4,119	2,347
1991	2,384	1,689	421	4,494	1,842	2,025	191	4,059	2,517
1992	2,218	1,618	479	4,315	1,839	2,020	212	4,072	2,575
1993	2,214	1,547	483	4,244	1,830	1,977	216	4,023	2,724
1994	2,173	1,496	505	4,174	1,805	1,936	245	3,986	2,986
1995	2,074	1,458	474	4,006	1,712	1,846	210	3,767	3,284
1996	2,012	1,403	469	3,884	1,682	1,795	187	3,664	3,100
1997 [8]	1,941	1,386	464	3,791	1,498	1,558	183	3,239	3,647

Year [1]	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business [9]	Estimated net business [10]	Estimated gross business [9]	Estimated net business [10]	Estimated gross business [9]	Estimated net business [10]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
1988	56,204	49,067	23,993	15,424	82,137	66,430
1989 [6]	60,258	53,247	25,845	16,907	88,077	72,129
1990	64,062	57,831	26,258	17,088	92,667	77,266
1991	61,425	56,203	26,816	17,916	90,759	76,636
1992	63,790	58,196	27,046	18,513	93,411	79,284
1993	66,839	60,930	28,180	19,218	97,744	82,872
1994	72,148	65,545	30,405	20,779	105,539	89,309
1995	77,946	69,321	30,965	21,213	112,195	93,818
1996	90,270	79,429	34,728	23,653	128,098	106,182
1997 [8]	85,753	77,646	37,076	25,181	126,476	106,474

[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 1988. [2] Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative. [3] Includes cooperatives whose major activity is providing services related to marketing and farm supply activities. [4] Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.) [5] Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities. [6] Revised. [7] Increased number due to a reclassification of cotton ginning cooperatives from marketing to related services. [8] Preliminary. [9] Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives. [10] Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

RBS, Statistics, (202) 720–2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

Table 10-16.—Farmers' cooperatives: Business volume, number of marketing, farm supply, and related service cooperatives and business volume, United States, 1996 and 1997 (preliminary)

Item	Gross business		Net business [1]	
	1996	1997	1996	1997
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Products marketed:				
Beans and peas (dry edible)	179,008	188,991	179,008	188,991
Cotton and cotton products	2,734,903	3,074,337	2,658,646	3,003,886
Dairy products	25,969,534	26,277,957	22,934,533	23,374,069
Fruits and vegetables	9,914,328	9,837,141	9,391,996	9,268,189
Grain and oilseeds excluding cottonseeds	33,889,356	28,782,746	27,656,865	24,639,161
Livestock and livestock products	6,745,622	7,483,538	6,725,220	7,460,349
Nuts	951,636	880,276	951,636	880,276
Poultry products	2,122,741	2,118,017	1,754,141	2,118,017
Rice	901,074	931,487	899,763	930,154
Sugar products	2,015,788	2,231,810	1,933,287	2,087,283
Tobacco	1,411,959	592,876	1,411,959	592,876
Wool and mohair	13,327	18,931	7,938	11,306
Miscellaneous [2]	3,420,451	3,335,031	2,923,573	3,091,660
Total farm products	90,269,727	85,753,138	79,428,565	77,646,217
Supplies purchased:				
Crop protectants	3,929,142	4,350,820	2,829,166	3,125,481
Feed	7,367,330	8,147,076	5,387,996	5,987,963
Fertilizer	8,727,192	8,861,348	5,200,566	5,371,001
Petroleum	9,752,747	10,591,991	6,295,164	6,756,086
Seed	878,982	925,364	658,490	702,351
Other supplies [3]	4,072,897	4,199,141	3,281,256	3,237,745
Total farm supplies	34,728,290	37,075,740	23,652,638	25,180,627
Receipts for services: [4]				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	3,100,442	3,647,334	3,100,442	3,647,334
Total business	128,098,459	126,476,212	106,181,645	106,474,177

[1] Represents value at the first level at which cooperatives transact business for farmers. [2] Includes coffee, fish, forest products, hay, hops, seed marketed for growers, nursery stock, other farm products not separately classified, and sales of farm products not received directly from member-patrons. Also includes manufactured food products and resale items marketed by cooperatives. [3] Includes automotive supplies, building materials, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. [4] Charges for services related to marketing or purchasing but not included in the volume reported for those activities, plus other income.

RBS, Statistics, (202) 720–2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

Table 10-17.—Farmers' cooperatives: Types, numbers, and memberships, United States, 1997

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service: [1]			
Marketing	1997	1,941	1,497,832
Farm supply	1997	1,386	1,557,871
Related services [2]	1997	464	183,105
Service:			
Federal land bank associations [3]	Dec. 31, 1997	48	NA
Production credit associations [3]	Dec. 31, 1997	64	NA
Rural credit unions [4]	Dec. 31, 1997	633	3,953
Rural electric cooperatives [5]	Dec. 31, 1997	744	11,063
Rural telephone cooperatives [5]	Dec. 31, 1997	229	1,476
Production:			
Dairy herd improvement associations [6]	Dec. 31, 1997	NA	38,920

[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 10-18.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1995, 1996 and 1997 (preliminary)

State	Cooperatives headquartered in State		Memberships in State [1]		Net business [1]	
	1996	1997	1995 [2]	1997	1995 [2]	1997
	Number	*Number*	*Number*	*Number*	*1,000 dollars*	*1,000 dollars*
AL	64	63	55,938	53,791	1,380,403	1,403,279
AK	10	9	6,246	7,675	41,846	64,651
AZ	10	10	10,017	46,757	721,816	737,821
AR	62	60	63,032	63,242	1,732,551	1,982,686
CA	184	185	59,551	56,715	8,890,968	9,108,671
CO	54	51	33,865	33,648	924,076	1,003,727
CT	4	4	3,310	3,174	126,710	205,367
DE	3	3	29,072	25,978	86,123	98,417
FL	50	46	28,382	27,124	2,498,745	2,485,382
GA	21	21	40,156	25,059	1,282,038	1,899,906
HI	33	32	14,928	13,397	118,743	114,572
ID	42	41	26,441	23,079	1,032,266	1,180,679
IL	206	203	235,239	233,229	5,021,399	6,033,807
IN	62	60	111,952	90,915	2,492,001	2,539,867
IA	235	223	241,348	187,858	7,995,126	10,940,936
KS	153	148	151,532	135,007	3,607,457	3,969,584
KY	44	42	203,061	136,427	1,125,812	1,078,217
LA	53	50	15,086	13,556	623,311	791,516
ME	23	24	9,527	9,214	226,460	216,711
MD	21	18	53,464	36,624	396,489	416,798
MA	14	14	5,343	5,050	997,220	655,138
MI	81	73	70,521	73,780	2,578,034	2,229,153
MN	378	368	329,241	296,058	7,422,439	9,770,774
MS	86	83	112,303	109,937	1,156,226	1,174,399
MO	72	75	180,235	156,093	3,091,663	3,178,435
MT	81	79	35,107	28,995	721,629	742,759
NE	134	127	121,266	109,547	4,355,176	5,076,693
NV	(3)	(3)	(3)	(3)	(3)	(3)
NH	(3)	(3)	(3)	(3)	(3)	(3)
NJ	19	19	8,220	7,724	373,128	345,035
NM	9	9	3,330	8,311	178,066	608,117
NY	92	96	61,930	50,369	2,255,214	2,595,476
NC	28	29	113,082	72,335	760,505	885,314
ND	288	297	143,844	129,445	3,171,612	3,301,186
OH	97	95	90,447	75,222	2,674,366	2,998,144
OK	107	101	77,651	75,431	1,185,081	1,103,286
OR	39	40	30,877	21,747	1,493,302	2,051,697
PA	62	60	62,073	53,378	1,769,454	1,983,374
RI	(3)	(3)	(3)	(3)	(3)	(3)
SC	6	6	19,612	3,745	270,859	377,563
SD	149	145	116,128	110,927	2,274,768	2,825,833
TN	79	79	148,933	141,185	926,899	721,691
TX	277	272	130,729	128,831	3,507,682	3,669,096
UT	21	21	13,268	11,550	579,378	690,794
VT	6	5	7,454	6,340	486,653	396,927
VA	66	63	167,890	93,068	684,145	742,131
WA	92	91	36,681	30,991	2,884,094	3,270,645
WV	27	20	63,748	26,202	135,003	161,980
WI	222	212	214,519	177,561	6,800,475	6,549,250
WY	13	14	4,619	4,690	147,178	162,489
US	3,884	3,791	3,764,135	3,233,774	93,315,433	105,242,535
Foreign [4]	.....	.....	3,160	5,034	502,814	1,231,643
Total	3,884	3,791	3,767,295	3,238,808	93,818,247	106,474,178

[1] Represents value at the first level at which cooperatives transact business for farmers. Totals may not add due to rounding. [2] Statistics for 1996 are not available by State. [3] Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. [4] Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

RBS, Statistics, (202) 720–2480 or celestine.adams.usda.gov.

Table 10-19.—Rural Utilities Service: Long-term electric financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1998 [1]

State and Territory	Borrowers	Total financing			Financing to cooperative associations [3]		Financing by purpose			Miles of line provided for by financing [6]	Consumers provided for by financing [6]
		RUS loans	Non-RUS financing				Distribution	Generation and transmission [2]	Consumer facilities [5]		
			With RUS guarantee	Without RUS guarantee [2]	Borrowers	Amount [2 4]					
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 doll ars*	*1,000 dollars*	*1,000 dollars*	*Miles*	*Numbers*
AL	27	627,756	603,228	265,561	24	1,482,565	608,345	886,842	1,359	60,277	509,233
AK	16	775,282	260,240	102,896	14	1,083,395	501,575	635,754	1,089	10,023	173,388
AZ	14	278,173	348,495	107,173	8	674,205	274,616	458,736	490	18,890	164,557
AR	20	827,414	826,218	424,150	19	2,077,259	821,960	1,251,350	4,471	66,528	453,129
CA	10	80,357	0	6,803	7	62,674	73,298	13,805	56	6,467	76,231
CO	25	1,043,461	1,486,233	568,965	24	2,895,767	857,881	2,240,704	74	66,394	369,894
CT	0	0	0	0	0	0	0	0	0	0	0
DE	1	56,030	0	18,666	1	74,696	73,832	861	3	4,161	47,939
FL	18	889,829	1,105,357	548,023	16	2,542,997	1,129,223	1,411,467	2,519	61,651	748,946
GA	50	1,504,248	4,555,769	1,813,149	48	7,872,903	2,067,399	5,802,809	2,959	140,150	1,410,247
HI	0	0	0	0	0	0	0	0	0	0	0
ID	10	147,461	0	36,612	9	181,058	156,510	26,367	1,197	12,303	57,008
IL	29	531,479	977,509	175,056	28	1,683,963	517,548	1,166,284	212	54,622	245,065
IN	47	438,884	1,937,756	454,643	46	2,830,853	443,956	2,386,610	717	53,887	413,461
IA	49	714,556	359,910	138,794	46	1,211,659	514,598	698,265	397	65,372	196,178
KS	34	564,418	689,344	100,218	33	1,353,975	512,693	840,873	415	71,819	210,351
KY	29	1,184,444	1,615,251	609,671	28	3,409,364	1,033,866	2,374,342	1,159	79,981	723,608
LA	20	562,292	2,784,208	273,477	18	3,611,479	619,075	3,000,724	177	47,409	400,330
ME	4	29,162	0	17,175	4	46,337	27,442	18,851	44	1,990	18,248
MD	2	237,793	18,355	126,406	2	382,554	274,341	108,213	0	12,843	142,305
MA	0	0	0	0	0	0	0	0	0	0	0
MI	13	431,892	819,472	88,511	13	1,339,875	395,253	944,149	473	33,280	257,869
MN	50	1,148,036	1,352,235	426,118	48	2,925,430	1,069,037	1,853,006	4,346	113,242	583,373
MS	29	691,578	690,064	257,531	27	1,636,474	761,673	876,806	694	80,537	613,481
MO	48	1,319,139	891,505	530,130	47	2,740,739	1,106,753	1,633,200	821	114,642	626,003
MT	26	340,406	8,648	46,421	26	395,474	327,449	67,797	229	44,650	117,419
NE	36	463,448	0	39,969	4	72,559	395,553	107,303	562	75,308	171,096
NV	8	75,008	1,241	10,441	3	75,355	65,315	21,127	248	6,265	24,889
NH	1	100,398	143,839	8,696	1	252,932	103,050	149,850	32	4,616	64,601
NJ	2	18,173	0	5,377	2	23,549	22,237	1,308	4	1,000	13,334
NM	18	378,976	387,682	166,760	17	933,284	350,395	580,013	3,010	4 1,496	187,418
NY	6	33,345	1,800	9,041	5	42,323	43,927	174	85	4,961	25,336
NC	35	913,154	1,326,071	468,809	30	2,707,139	1,077,984	1,625,414	4,635	81,419	776,989
ND	26	991,916	2,186,157	818,547	24	3,991,021	563,835	3,430,799	1,986	67,572	123,430
OH	27	443,378	89,197	464,868	26	991,200	501,153	496,072	218	44,838	316,767
OK	29	946,414	650,331	235,450	27	1,831,895	926,808	902,711	2,676	96,159	458,644
OR	18	274,666	54,128	83,272	17	393,448	290,784	121,045	237	23,200	127,560
PA	13	324,031	579,633	118,099	13	1,019,764	396,733	624,791	239	26,540	207,748
RI	0	0	0	0	0	0	0	0	0	0	0
SC	27	978,344	466,911	365,296	25	1,806,046	1,092,168	716,152	2,231	62,207	586,406
SD	32	569,536	13,272	50,639	32	633,447	480,895	151,671	881	65,040	138,334
TN	33	541,296	1,200	184,117	21	661,991	709,106	17,284	223	78,617	866,858
TX	101	2,186,845	1,209,456	750,934	99	4,089,499	2,312,349	1,832,362	2,524	258,842	1,367,108
UT	6	72,455	1,027,311	216,171	6	1,315,937	59,920	1,255,893	124	5,783	23,326
VT	3	58,177	50,726	7,310	3	116,212	46,359	68,950	903	2,886	23,111
VA	18	627,280	243,900	211,354	17	1,082,341	789,618	292,428	488	40,880	352,761
WA	23	212,689	825	39,048	11	191,300	238,142	14,168	252	20,714	103,824
WV	1	9,266	0	1,059	1	10,325	10,320	0	5	771	5,916
WI	28	496,313	340,351	137,223	27	973,796	369,736	602,342	1,809	44,673	213,557
WY	14	243,023	2,585	23,297	13	268,826	206,235	62,569	101	28,260	77,727
US	1	0	12,500	0	0	0	325	12,175	0	0	2,624
PR	1	300,981	0	31,424	0	0	292,851	39,554	0	16,633	624,343
VI	1	430	0	0	0	0	234	197	0	85	912
TOTAL	1,079	25,683,633	30,118,912	11,583,351	960	65,999,885	25,514,353	41,824,169	47,374	2,319,883	15,442,882

[1] State total represents data for borrowers incorporated within the State. [2] Includes loans obtained by RUS borrowers' affiliates specifically organized to facilitate non-RUS financing. [3] Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, $540,386,921; municipalities and other Government authorities, 36 borrowers, $592,986,834; power companies, 30 borrowers, $252,637,318. [4] Includes $29,902,274,515, RUS guarantee commitments made as of Jan. 1, 1998. [5] Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations. [6] Includes miles energized and consumers served, shown in tables 10-20 and 10-21.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-20.—Rural Utilities Service: Advances to, and operating statistics of, electric borrowers, 1997, by States and Territories [1]

State and Territory	Total advances as of Jan. 1, 1998 [2 3]	Statistics for borrowers in operation								
		As of Jan. 1, 1998			Calendar year 1997					
		Borrowers	Miles energized [4]	Consumers served [4]	Kw.-hr. generated	Kw.-hr. purchased [5]	Kw.-hr. sales [6]	Total revenue [6]	Average monthly kw.-hr. consumption per consumer	
									All consumers	Residential consumers [7]
	1,000 dollars	*Number*	*Miles*	*Number*	*1,000 kw.-hr.*	*1,000 kw.-hr.*	*1,000 kw.-hr.*	*1,000 dollars*	*Kw.-hr.*	*Kw.-hr.*
AL	573,697	26	65,054	514,859	4,286,806	12,778,466	10,460,946	649,753	1,622	1,104
AK	767,493	16	10,620	173,003	761,669	1,938,889	2,129,309	198,293	1,848	650
AZ	248,484	14	19,126	164,687	0	4,359,904	4,094,581	250,810	2,291	589
AR	782,239	20	67,517	397,169	9,145,600	15,685,172	10,888,822	516,496	2,022	1,012
CA	78,936	9	5,645	32,714	0	294,024	265,404	20,549	1,508	847
CO	994,163	24	67,109	382,685	7,242,690	11,150,054	10,239,605	586,101	1,696	773
CT	0	0	0	0	0	0	0	0	0	0
DE	56,030	1	4,693	54,302	0	724,129	667,359	58,509	1,036	953
FL	857,680	18	61,966	707,254	9,276,526	11,584,013	11,744,637	816,457	1,293	1,045
GA	1,431,208	48	141,681	1,333,073	17,722,059	25,465,593	25,994,683	1,646,586	1,454	1,049
HI	0	0	0	0	0	0	0	0	0	0
ID	147,097	10	12,396	56,953	29,469	1,162,139	1,124,489	55,950	2,131	1,081
IL	519,027	29	55,025	233,442	1,208,982	2,430,018	2,447,456	205,091	1,459	982
IN	422,773	44	50,645	385,751	8,443,934	6,277,854	10,874,968	481,277	1,496	1,084
IA	695,469	50	63,927	184,210	3,153,114	4,409,880	4,076,852	247,947	1,707	1,196
KS	544,362	33	70,655	188,472	2,359,358	4,449,822	3,580,143	260,636	1,510	815
KY	1,090,480	28	80,753	631,174	17,210,906	27,676,914	24,685,980	989,430	2,552	1,109
LA	558,804	17	48,604	332,471	10,550,226	6,300,597	10,071,766	506,338	1,601	1,263
ME	27,642	4	1,999	15,679	0	155,411	141,604	14,536	855	418
MD	228,714	2	13,265	150,929	0	3,219,947	3,046,404	240,957	1,706	1,139
MA	0	0	0	0	0	0	0	0	0	0
MI	395,812	13	33,159	380,573	(536)	1,983,012	1,842,108	152,286	789	601
MN	1,083,376	49	103,780	522,876	9,050,397	10,094,067	8,125,359	436,924	1,417	1,095
MS	677,462	29	84,956	595,187	3,703,426	14,401,601	9,890,351	622,561	1,782	1,156
MO	1,223,974	46	116,074	566,603	11,964,169	26,566,283	18,204,303	817,924	1,419	1,036
MT	325,258	26	45,120	111,929	0	2,607,931	1,509,252	102,523	1,302	945
NE	463,448	36	69,361	164,487	0	1,575,573	1,447,816	91,643	1,928	1,215
NV	75,008	8	9,506	26,971	275	712,159	702,325	26,530	11,371	909
NH	81,213	1	4,916	69,376	172,732	643,790	770,754	94,685	927	516
NJ	18,072	2	1,020	13,177	0	117,198	111,788	13,330	888	781
NM	352,982	18	42,092	172,913	1,806,133	5,193,590	3,818,658	250,270	1,830	481
NY	31,217	5	4,460	21,780	0	174,281	160,113	12,998	873	789
NC	855,404	33	84,244	736,674	5,012,025	20,369,310	14,192,030	919,029	1,276	997
ND	956,910	25	67,286	114,719	19,229,761	7,908,374	14,940,856	488,414	2,505	1,314
OH	426,610	27	44,017	323,121	0	5,503,935	5,185,717	329,479	1,551	1,076
OK	913,158	29	96,875	380,188	4,187,249	6,591,164	7,203,259	427,038	1,360	987
OR	264,441	18	22,896	121,310	0	2,263,424	2,111,584	103,049	2,239	1,172
PA	289,749	13	26,371	190,180	0	2,145,730	1,979,181	202,924	873	722
RI	0	0	0	0	0	0	0	0	0	0
SC	871,276	23	61,993	547,267	1,675,837	21,205,420	11,168,391	703,080	1,616	1,151
SD	537,486	32	64,437	121,814	0	4,065,125	2,255,484	156,601	1,542	1,150
TN	485,351	33	79,555	849,199	0	18,852,771	17,785,043	1,058,923	1,833	1,265
TX	2,163,819	81	255,666	1,140,933	5,665,343	21,021,538	15,130,852	940,593	1,366	998
UT	72,455	6	6,005	26,047	27,954	91,498	109,221	8,272	1,279	612
VT	55,165	3	2,930	23,124	2,891	60,854	57,415	7,970	543	501
VA	613,459	14	41,866	346,410	1,080	7,038,845	6,662,767	496,567	1,634	1,087
WA	202,994	23	19,617	102,025	0	1,135,241	1,057,988	55,311	2,202	1,222
WV	9,266	1	787	5,507	0	53,728	49,239	4,511	759	659
WI	492,312	29	44,362	206,915	4,406,323	3,892,344	3,475,081	169,939	1,081	905
WY	239,800	14	28,902	78,915	0	2,472,410	2,340,355	121,513	3,518	820
MH	0	1	0	0	0	0	0	0	0	0
PR	300,981	1	0	0	0	0	0	0	0	0
VI	430	1	97	853	0	0	0	0	0	0
US	24,503,187	1,033	2,303,030	13,899,900	158,296,398	328,804,022	288,822,298	16,560,604	1,612	1,037

[1] State totals represent data for borrowers incorporated within the State. [2] Actual funds advanced out of RUS loans approved, as shown in table 10-19. [3] Cumulative. [4] Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1998, there were 236 such borrowers with 393,475 miles energized and 2,604,353 consumers served. [5] Includes 169,669,326 thousands of Kw-hr. sold by one RUS borrower to another. [6] Excludes energy sales and revenues of power sold by one RUS borrower to another. [7] Includes rural nonfarm and farm consumers.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-21.—Rural Utilities Service: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1989–98

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.*
1989	19,007,355	1,057	2,150,389	11,797,981	154,164,812	109,322,913	239,666,253	15,091,916	1,427	952
1990	19,738,972	1,056	2,178,530	12,139,143	156,280,995	117,818,936	252,151,483	15,813,230	1,461	961
1991	20,500,021	1,053	2,197,841	12,382,969	151,131,931	124,246,203	252,568,951	15,630,565	1,483	984
1992	21,029,091	1,053	2,210,896	12,612,389	154,129,086	128,722,179	260,492,023	16,490,493	1,458	958
1993	21,410,549	1,052	2,230,138	12,905,821	157,375,158	144,159,840	277,205,315	17,168,816	1,530	1,021
1994	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 [5]	24,503,187	1,033	2,303,030	13,899,900	.....	.....	.....	.....	.....	.....

[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 10-22.—Rural Utilities Service: Annual revenues and expenses reported by electric borrowers, United States, 1988–97

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*
1988	21,226,292	16,678,223	2,742,793	1,453,262	758,237	54,039,460
1989	22,334,246	17,660,877	2,676,889	1,568,342	763,670	57,288,116
1990	22,585,656	17,861,858	2,815,507	1,636,999	735,104	58,228,240
1991	23,158,838	18,570,475	2,841,968	1,660,453	767,973	58,997,507
1992	23,325,191	18,643,390	2,778,213	1,709,293	710,890	60,669,964
1993	24,872,684	19,907,666	2,667,343	1,767,525	1,034,849	62,654,291
1994	24,861,855	20,138,000	2,501,585	1,824,860	807,741	64,391,203
1995	24,609,188	21,741,162	2,171,170	1,779,568	1,236,050	61,867,838
1996 [1]	24,438,558	19,777,504	2,054,058	1,788,164	1,328,237	61,443,968
1997 [1]	23,321,068	18,987,613	1,908,451	1,726,982	1,018,702	60,770,878

[1] Revised.
RD, Planning and Policy Branch, (703) 605–4392.

Table 10-23.—Rural Development: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1988–97 [1]

Year	Water and waste loans			Recreation loans [2]	Watershed and flood prevention organization loans [3]		
	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	308	335,630	5,247,150	58,436	0	0	71,402
1989	317	312,845	4,070,266	53,978	0	0	74,116
1990	708	566,674	2,927,004	50,393	2	2,649	75,897
1991	908	836,953	3,189,505	46,433	0	0	73,324
1992	1,016	1,070,505	3,429,440	41,663	1	502	63,780
1993	295	566,023	3,663,329	35,040	0	0	53,729
1994	545	807,014	3,940,286	30,414	0	0	50,549
1995	.....	.....	4,189,220	26,788	.....	.....	46,601
1996	.....	.....	4,639,521	23,665	.....	.....	46,560
1997	NA	NA	NA	NA	NA	NA	NA

Year	Resource conservation and development and rural renewal loans [3]			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1988	0	0	13,494	83	104,983	37,382	173	96,756	1,123,011	2,691
1989	0	0	12,357	73	78,883	21,571	197	86,603	1,018,217	2,480
1990	1	72	9,671	95	179,207	19,433	214	113,839	887,595	2,157
1991	0	0	8,664	130	74,101	18,592	215	132,087	960,088	1,480
1992	0	0	7,969	89	127,585	14,095	187	127,585	1,009,110	1,179
1993	0	0	7,847	155	214,002	11,408	166	144,435	1,023,081	918
1994	0	0	7,050	131	218,368	6,718	199	206,707	1,021,363	640
1995	.....	.....	6,173	.....	.....	5,578	.....	.....	1,028,078	526
1996	.....	.....	4,641	.....	.....	4,676	.....	.....	1,075,793	401
1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[1] Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency. [2] Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year. [3] Funding for this program is no longer available. NA-not available.

RD, Management Systems Development, (703) 235-5520.

Table 10-24.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, and agricultural credit banks classified by type of loan, United States, Jan. 1, 1989–98 [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*
1989	3,202,704	4,217,559	1994	7,393,147	6,143,719
1990	5,508,610	5,627,188	1995	7,003,776	8,200,439
1991	5,887,781	5,755,085	1996	9,119,835	9,128,364
1992	6,292,571	6,536,694	1997	7,332,313	10,657,055
1993	7,478,199	6,474,582	1998	6,358,665	11,684,548

[1] Includes Puerto Rico.

FCA, Regulation and Policy Division, (703) 883–4073.

Table 10-25.—Rural Utilities Service: Annual revenues, expenses, and total plant reported by telecommunications borrowers, United States, 1988–97

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*
1988	913	3,598,291	2,004,638	276,539	751,206	690,583	12,071,384
1989	903	3,888,083	2,181,215	281,563	795,408	787,357	12,814,112
1990	897	4,181,185	2,382,942	288,101	834,967	846,903	13,755,550
1991	902	4,449,028	2,566,205	297,523	890,204	866,808	14,534,472
1992	899	4,743,431	2,694,074	300,704	933,275	979,650	15,479,297
1993	883	4,473,969	2,520,979	281,017	881,579	897,041	14,833,159
1994	873	4,536,723	3,438,889	296,645	903,270	974,483	15,325,810
1995	850	4,241,027	3,250,806	294,872	894,599	911,217	14,957,531
1996 [3]	835	4,530,751	3,503,605	303,700	1,000,442	1,009,335	16,262,081
1997	815	4,808,335	3,693,752	313,277	1,065,214	1,090,113	17,290,480

[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 10-26.—Rural Utilities Service and Rural Telephone Bank: Advances to, and operating statistics of, telecommunications borrowers, United States, 1989–98

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*
1989	4,707,800	1,747,637	913	27,454	5,096,867	3,888,083
1990	4,864,684	1,835,519	903	27,617	5,276,450	4,181,185
1991	5,083,536	1,940,799	897	28,199	5,472,216	4,449,028
1992	5,252,444	2,101,684	902	28,207	5,834,602	4,743,431
1993	5,430,706	2,190,372	899	27,422	6,110,615	4,473,969
1994	5,638,920	2,294,834	883	25,072	5,598,764	4,536,723
1995	5,856,865	2,408,491	873	24,889	5,538,207	4,241,027
1996	6,021,357	2,481,501	850	23,163	5,107,097	4,530,751
1997 [2]	6,224,541	2,562,619	835	23,165	5,380,389	4,808,335
1998	6,430,823	2,626,806	815	22,825	5,596,953	.....

[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 10-27.—Rural Utilities Service and Rural Telephone Bank: Advances to, and operating statistics of, telecommunications borrowers, as of Jan. 1, 1998 and revenues for 1997, by States and Territories [1]

State and Territory	Total advances as of Jan. 1, 1998 [2 3]		Operating statistics as of Jan. 1, 1998		Revenues for 12 months ending Dec. 31, 1997 [4]
	RUS	RTB	Borrowers reporting	Total subscribers	
	1,000 dollars	*1,000 dollars*	*Number*	*Number*	*1,000 dollars*
Alabama	172,022	92,521	20	168,793	150,729
Alaska	155,448	82,122	12	133,029	152,769
Arizona	52,718	80,449	6	97,440	74,879
Arkansas	155,000	102,162	16	186,937	158,259
California	92,731	64,580	13	70,217	104,475
Colorado	61,010	25,902	14	31,762	29,021
Connecticut	0	0	0	0	0
Delaware	0	0	0	0	0
Florida	43,120	40,734	4	102,828	70,601
Georgia	311,658	172,603	24	419,045	378,902
Hawaii	0	0	0	0	0
Idaho	45,464	7,638	10	20,781	24,169
Illinois	82,179	24,943	20	50,531	54,070
Indiana	105,671	23,068	25	105,598	80,813
Iowa	133,625	42,151	68	95,050	95,223
Kansas	212,409	40,683	22	85,602	109,745
Kentucky	276,743	59,244	15	172,571	115,240
Louisiana	142,558	54,119	17	131,952	173,133
Maine	33,533	36,463	12	42,157	36,727
Maryland	2,061	4,080	1	6,202	4,507
Massachusetts	1,835	1,498	1	2,799	2,883
Michigan	102,195	70,878	23	114,196	100,928
Minnesota	309,657	101,474	60	368,243	259,280
Mississippi	103,344	15,906	15	80,332	77,639
Missouri	210,853	54,553	20	122,150	114,764
Montana	214,308	5,050	12	79,306	94,876
Nebraska	110,742	36,574	29	89,585	88,609
Nevada	7,603	12,068	3	11,275	7,760
New Hampshire	18,254	12,108	6	20,129	17,885
New Jersey	14,295	16,554	0	0	0
New Mexico	179,726	3,579	8	34,718	75,910
New York	52,392	47,760	25	141,933	105,590
North Carolina	203,133	124,876	16	362,959	221,825
North Dakota	211,265	13,918	10	59,257	57,999
Ohio	29,296	5,444	14	22,626	21,239
Oklahoma	227,103	153,988	27	151,472	160,149
Oregon	89,907	41,116	21	89,467	86,159
Pennsylvania	72,287	212,751	15	103,979	82,899
Rhode Island	0	0	0	0	0
South Carolina	198,477	204,314	15	331,027	222,668
South Dakota	208,166	18,861	17	55,638	53,868
Tennessee	344,555	71,706	21	316,772	201,589
Texas	515,587	132,825	34	253,166	275,228
Utah	31,997	7,435	5	13,619	18,085
Vermont	4,785	6,955	4	10,873	7,379
Virginia	69,167	28,775	11	67,405	48,005
Washington	43,719	27,401	14	48,469	49,195
West Virginia	62,389	17,896	6	36,516	33,222
Wisconsin	284,025	167,863	71	434,885	292,425
Wyoming	36,233	8,028	7	63,353	66,495
Micronesia	39,960	0	1	8,411	8,782
Guam	106,298	16,214	1	90,733	35,803
Marshall Islands	21,719	0	1	3,410	5,712
Northern Mariana Isl	11,212	34,973	1	22,393	29,868
Palau	34,966	0	1	4,503	5,621
Puerto Rico	115,677	0	0	0	0
Virgin Islands	65,743	0	1	60,859	64,734
United States	6,430,823	2,626,806	815	5,596,953	4,808,335

[1] Preliminary, except total advances. State totals represent data for borrowers incorporated within the State. [2] Actual funds advanced out of loans approved, as shown in table 10-28. [3] Cumulative. [4] Reported 815 borrowers.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-28.—Rural Utilities Service and Rural Telephone Bank: Telecommunications financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1998 [1]

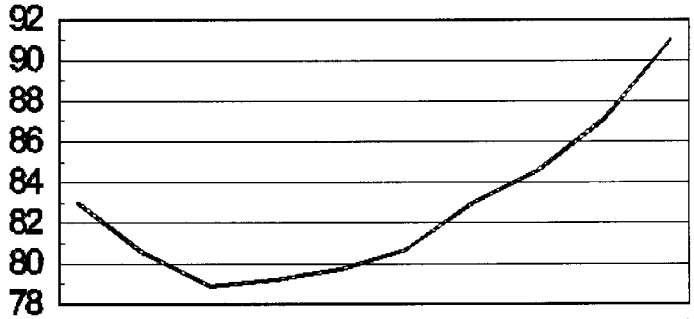
State	Total financing as of Jan. 1, 1998				Operating statistics for year 1997			
	Borrowers	RUS loans	RTB loans	RUS guarantee commitments	Rt. mi. of line provided for by financing (total)	Subscribers provided for by financing		
						Total	To receive initial service	To receive improved service
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Miles*	*Number*	*Number*	*Number*
Alabama	26	208,188	103,822	11,901	0	0	0	0
Alaska	12	161,885	108,774	34,013	0	0	0	0
Arizona	8	101,370	103,185	33,125	0	0	0	0
Arkansas	19	185,656	120,580	23,122	0	0	0	0
California	15	101,943	88,013	19,184	0	0	0	0
Colorado	19	68,236	29,071	102	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
Florida	9	45,978	41,332	76,556	0	0	0	0
Georgia	27	389,413	229,810	88,912	701	9,582	9,582	0
Hawaii	1	17,433	10,249	0	342	4,839	4,839	0
Idaho	12	52,369	13,054	0	0	0	0	0
Illinois	26	85,363	28,876	0	0	0	0	0
Indiana	36	109,126	37,331	1,040	0	0	0	0
Iowa	87	159,358	70,297	8,361	48	549	549	0
Kansas	30	230,694	50,402	16,199	0	0	0	0
Kentucky	17	326,956	115,261	26,400	81	2,863	2,863	0
Louisiana	19	209,470	95,146	13,651	0	0	0	0
Maine	14	37,026	41,521	1,875	0	0	0	0
Maryland	1	2,061	4,080	0	0	0	0	0
Massachusetts	1	2,095	3,780	0	0	0	0	0
Michigan	31	118,501	87,087	2,953	79	666	666	0
Minnesota	68	385,026	145,612	22,225	435	1,525	1,525	0
Mississippi	17	111,223	18,699	5,200	0	0	0	0
Missouri	27	234,492	66,664	36,777	46	216	216	0
Montana	13	249,051	37,280	0	3,212	8,057	731	7,326
Nebraska	32	122,661	41,879	4,672	1	184	184	0
Nevada	4	12,598	12,292	0	0	0	0	0
New Hampshire	8	22,686	16,736	180	0	0	0	0
New Jersey	1	14,295	16,554	3,084	0	0	0	0
New Mexico	8	234,239	15,437	0	299	1,102	1,102	0
New York	29	62,085	57,694	18,877	253	2,989	417	2,572
North Carolina	21	206,483	155,117	19,512	0	0	0	0
North Dakota	13	239,360	22,690	0	0	0	0	0
Ohio	18	29,393	9,343	0	0	0	0	0
Oklahoma	31	265,723	181,336	38,021	0	0	0	0
Oregon	29	121,789	67,177	31,248	0	0	0	0
Pennsylvania	25	82,302	216,869	118,247	25	613	613	0
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	18	215,047	255,829	155,764	587	8,397	8,397	0
South Dakota	19	295,892	30,480	0	79	281	281	0
Tennessee	22	408,106	99,419	23,366	11	4,256	4,256	0
Texas	62	622,209	189,523	63,838	866	1,720	1,720	0
Utah	7	41,004	7,493	0	0	0	0	0
Vermont	5	4,785	12,461	0	0	0	0	0
Virginia	14	79,823	41,307	3,337	0	0	0	0
Washington	20	44,801	33,226	11,571	0	0	0	0
West Virginia	7	72,244	20,376	5,250	0	0	0	0
Wisconsin	83	390,635	233,765	26,093	201	2,377	2,377	0
Wyoming	7	56,656	15,232	3,497	0	0	0	0
Micronesia	1	39,960	0	0	0	0	0	0
Guam	1	106,298	19,610	24,700	0	0	0	0
Marshall Islands	1	22,799	0	0	0	0	0	0
Northern Mariana Isl	1	11,212	46,833	0	0	0	0	0
Palau	1	39,143	0	0	0	0	0	0
Puerto Rico	2	115,677	0	0	0	0	0	0
Virgin Islands	1	88,785	13,167	0	0	0	0	0
United States	1,026	7,661,606	3,481,772	972,853	7,266	50,216	40,318	9,898

[1] State totals represent data for borrowers incorporated within the State.

RD, Planning and Policy Branch, (703) 605–4392.

Farm Real Estate Debt: Amount Outstanding, 1988-97

Billion Dollars

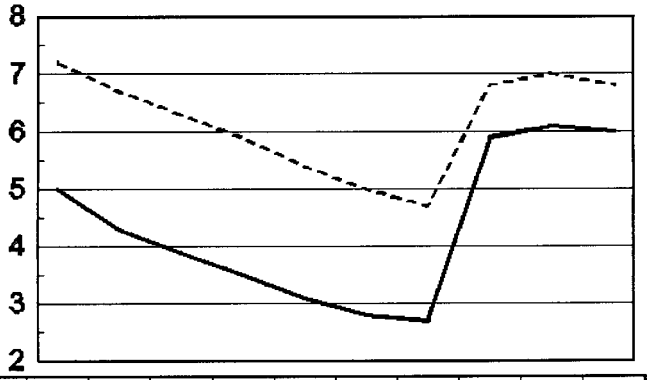


Year	88	89	90	91	92	93	94	95	96	97
Amount —	83.0	80.5	78.9	79.2	79.7	80.7	83.0	84.6	87.1	91.0

ERS Table 10-5

Farm Service Agency Outstanding Loans: Farm Ownership & Operating, 1989-98

Billion Dollars



Year	89	90	91	92	93	94	95	96	97	98
Farm - -	7.2	6.7	6.3	5.9	5.4	5.0	4.7	6.8	7.0	6.8
Operating —	5.0	4.3	3.9	3.5	3.1	2.8	2.7	5.9	6.1	6.0

FSA Table 10-13

CHAPTER XI

STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, (CCC), cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

Table 11-1.—Commodity Credit Corporation: Price support granted on 1996 crop, United States and Territories [1]

Commodity	Unit	Through Sept. 30, 1997 [2]	
		Quantity	Value
		Millions	*Million dollars*
Cotton, upland	Bale	3	854
Cotton, extra-long staple	Bale	([4])	16
Seed cotton, upland	Pound	7	4
Seed cotton, extra-long staple	Pound	124	1
Wheat	Bushel	195	505
Corn	Bushel	971	1,764
Honey	Pound	0	0
Milk and butterfat:			
Butter	Pound	0	0
Cheese	Pound	0	0
Dried milk	Pound	0	0
Tobacco	Pound	2	4
Rice, rough	Cwt	69	448
Grain sorghum	Bushel	20	36
Peanuts, farmers' stock	Pound	323	35
Oats	Bushel	2	1
Barley	Bushel	29	41
Beans, dry edible	Pound	0	0
Rye	Bushel	0	0
Soybeans and others [3]	Bushel,Cwt	198	981
Sugar:			
Beets	Pound	1,168	264
Cane	Pound	670	120
Special purchase programs		0	0
Total		3,781	5,074

[1] Represents loans made. [2] Reflects status of 1996 crop year for the FY 1997 reporting period on 1996 crop. [3] Includes flaxseed (cwt), sunflowerseed (cwt), canola seed (cwt), safflower seed (cwt) and mustard seed (cwt). [4] Less than $500,000.

FSA, Financial Management Division, (703) 305–1273.

Table 11-2.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1988–97 [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*	
1988	38	234	123	679	5	454	123	0
1989	38	381	46	676	79	342	32	0
1990	12	380	2	214	16	158	66	0
1991	7	566	28	265	1	43	283	(2)
1992	5	628	15	125	(6) 7	8	(7) 62	(2)
1993	5	564	(3)	54	(6) 146	3	25	(2)
1994	5	111	0	44	(6) 90	1	44	(2)
1995	5	(3)	0	42	(8)	1	25	(2)
1996	(3)	0	0	30	(8)	0	(3)	0
1997	(3)	0	(3)	2	(2)	(2)	30	(2)

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*
1988	2	(2)	(2)	(2)	0	305	4,856
1989	1	4	5	1	0	161	4,018
1990	1	(3)	1	0	17	145	2,106
1991	(3)	(3)	0	(3)	9	161	2,375
1992	(3)	1	(2)	0	(3)	165	1,719
1993	(2)	(2)	0	(3)	4	168	833
1994	0	(2)	0	(3)	13	144	715
1995	0	(2)	0	(2)	1	141	654
1996	0	0	0	0	0	96	435
1997	0	0	0	0	0	93	364

[1] Commodities which were owned by CCC in some years but not shown in this table are as follows: blended foods, cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, mixed feed, linseed oil, evaporated milk, meat, tallow, egg mix-dry, foundation seeds, peanut products, and sugar. [2] Less than 50,000 units. [3] Less than 500,000 units. [4] Rough basis; includes milled rice in rough equivalent. [5] The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs, less reserve for losses on inventory. [6] Includes extra long staple, cotton. [7] Includes infant formula. [8] Less than 500 units.

FSA, Financial Management Division, (703) 305–1273.

Table 11-3.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1991–96 [1]

Commodity	Unit	1991		1992	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	27,391	32,976	23,805	31,136
Corn	1,000 bushels	26,636	45,609	15,245	28,947
Cotton	1,000 bales	(a)	5,216	139	35,459
Seed cotton upland	1,000 pounds	1,528	782	0	0
Sugar Cane and Beet	1,000 pounds	12,900	2,644	50,150	9,619
Flaxseed	1,000 Cwt	86	777	6	51
Honey	1,000 pounds	61,821	33,259	67,436	36,281
Oats	1,000 bushels	1,275	977	1,778	1,508
Peanuts	1,000 Pounds	222,935	53,382	61,599	12,981
Rice	1,000 cwt	29,625	195,334	29,922	199,534
Rye	1,000 bushels	70	89	86	119
Sorghum grain	1,000 bushels	2,933	4,756	6,933	11,761
Soybeans	1,000 bushels	1,955	9,775	555	2,808
Storage facility and equipment		0	0	0	0
Tobacco	1,000 pounds	0	54,218	133,126	129,041
Wheat	1,000 bushels	114,091	227,001	139,990	300,922
Sunflower Seed	1,000 cwt	0	104	0	0
Canola Seed	1,000 Cwt	0	0	8	73

Commodity	Unit	1993		1994	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	118,328	24,247	18,122	26,709
Corn	1,000 bushels	13,697	26,052	26,318	53,474
Cotton [3]	1,000 bales	211	53,863	111	27,149
Seed cotton	1,000 pounds	60	31	0	0
Sugar Cane and Beet	1,000 pounds	43,000	9,350	95,300	20,475
Flaxseed	1,000 Cwt	5	41	19	168
Honey	1,000 pounds	77,381	41,628	39,652	19,827
Oats	1,000bushels	1,100	951	1,202	1,126
Peanuts	1,000 Pounds	25,547	3,614	111,104	35,579
Rice	1,000 cwt	8,219	53,455	42,118	280,983
Rye	1,000 bushels	69	92	64	102
Sorghum grain	1,000 bushels	4,269	7,417	6,536	12,148
Soybeans	1,000 bushels	221	1,106	297	1,589
Storage facility and equipment		0	0	0	0
Tobacco	1,000 pounds	100,857	171,96	90,815	157,360
Wheat	1,000 bushels	169,914	413,597	163,320	419,022
Sunflower Seed	1,000 cwt	973	8,665	0	0
Canola Seed	1,000 Cwt	2	16	17	148

Commodity	Unit	1995		1996 [2]	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	17,953	26,697	28,836	41,110
Corn	1,000 bushels	677,115	1,232,669	970,590	1,764,291
Cotton [3]	1,000 bales	3,495	880,572	3,381	869,911
Seed cotton	1,000 pounds	5,137	2,662	131,356	4,765
Sugar Cane and Beet	1,000 pounds	4,805,154	965,070	1,837,547	383,460
Flaxseed	1,000 Cwt	29	256	21	190
Honey	1,000 pounds	54,427	27,211	.....	0
Oats	1,000bushels	704	673	1,526	1,484
Peanuts	1,000 Pounds	819,032	255,629	322,668	34,856
Rice	1,000 cwt	100,992	649,003	68,920	447,790
Rye	1,000 bushels	102	159	.....	0
Sorghum grain	1,000 bushels	7,248	12,856	20,383	36,106
Soybeans	1,000 bushels	182,027	889,582	195,997	957,948
Storage facility and equipment		0	0	.....	0
Tobacco	1,000 pounds	12,255	24,601	1,719	3,813
Wheat	1,000 bushels	114,182	294,851	194,795	505,268
Sunflower Seed	1,000 cwt	1,130	9,717	2,534	22,380
Canola Seed	1,000 Cwt	95	880	96	902
Safflower Seed	1,000 Cwt	8	57	5	39

[1] Includes loans made directly by Commodity Credit Corporation. [2] Loans through Sept. 30, 1996. [3] Includes extra long staple cotton and upland cotton

FSA, Financial Management Division, (703) 305–1273.

Table 11-4.—Commodity Credit Corporation: Loan transactions for fiscal year 1997, by commodities [1]

Commodity	Unit	Loans outstanding Oct. 1, 1996 [2]	New loans made	Repayments	Collateral acquired in settlement	Loans written off [3]	Loans outstanding Sept. 30, 1997	
							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	26,386	1,781,576	1,659,357	0	3,807	144,798	80,613
Cotton	Bale	47,894	840,671	871,980	1,045	(32)	15,572	65
Seed cotton	Pound	0	4,765	4,320	0	445	0	0
Peanuts	Ton	885	39,720	35,103	6	0	5,496	80,109
Rice	Cwt	72,731	448,303	449,318	0	147	71,569	10,809
Tobacco [4]	Pound	827,199	162,143	286,808	0	0	702,534	304,909
Wheat	Bushel	241,754	599,137	480,585	0	5,105	355,201	138,757
Total		1,216,849	3,876,315	3,787,471	1,051	9,472	1,295,170	615,262
Designated nonbasic commodities:								
Barley	Bushel	16,340	44,323	37,746	0	390	22,527	15,272
Sorghum	Bushel	352	42,128	33,751	10	84	8,635	4,847
Honey	Pound	1,589	(4)	1,443	0	66	76	151
Oats	Bushel	655	2,113	1,340	0	34	1,394	1,323
Rye	Bushel	1	0	1	0	0	0	0
Sugar, beet	Pound	0	263,582	263,582	0	0	0	0
Sugar, cane	Pound	0	119,878	119,878	0	0	0	0
Sunflower seed	Cwt	888	18,419	16,591	58	112	2,546	287
Flaxseed	Cwt	7	192	149	0	0	50	7
Canola seed	Cwt	210	1,489	902	0	1	796	83
Safflower seed	Cwt	5	34	39	0	0	0	0
Mustard seed	Cwt	0	0	0	0	0	0	0
Sunflower seed, non oil.	Cwt	144	4,051	3,516	0	32	647	73
Total		20,191	496,205	478,938	68	719	36,671	22,043
Other nonbasic commodities:								
Soybeans	Bushel	17,426	960,596	956,922	0	2,028	19,072	3,991
Total		17,426	960,596	956,922	0	2,028	19,072	3,991
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]		1,254,466	5,333,116	5,223,331	1,119	12,219	1,350,913	641,296

[1] Loans made directly by Commodity Credit Corporation. [2] Book value of outstanding loans; includes face amounts and any charges paid. [3] Includes transfers to accounts receivable. [4] Charge offs represent pre-No Net Cost Tobacco loans - 1981 and prior crop loans. [5] This program was closed out during FY 1993. [6] Represents current year activity not processed during regular operation cycle. [7] Table may not add due to rounding.

FSA, Financial Management Division, (703) 305–1273.

Table 11-5.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1997

Program and commodity	Quantity					
	Unit	Inventory Oct. 1, 1996	Purchases	Collateral acquired from loans	Sales [1]	Inventory Sept. 30, 1997
		Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Feed grains:.						
Barley	Bushel	96	415	0	141	370
Corn	Bushel	30,464	10,428	0	38,400	2,492
Corn products	Pound	0	225,384	0	225,384	0
Grain sorghum	Bushel	14	2,011	6	3,625	(1,595)
Sorghum grits	Pound	0	32,140	0	32,140	0
Oats	Bushel	0	0	0	0	0
Oats, rolled	Pound	0	0	0	0	0
Rye	Bushel	0	0	0	0	0
Total feed grains		xxx	xxx	xxx	xxx	xxx
Wheat (A)	Bushel	109,476	32,009	0	48,284	93,201
Wheat flour	Pound	0	378,686	0	378,686	0
Wheat products, other	Pound	0	365,336	0	365,336	0
Rice, milled	Cwt	0	1,375	0	1,375	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	(2)	(2)	0
Upland Cotton	Bale	(2)	13	4	17	(2)
Dairy products:						
Butter	Pound	38	4	0	42	0
Butter oil	Pound	0	0	0	0	0
Cheese	Pound	0	1,720	0	296	1,424
Milk, dried	Pound	2,115	22,552	0	4,216	20,451
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.	0	0	7	4	2
Sunflower seed, non-oil	Cwt.	0	132	0	132	0
Sunflower seed oil, processed	Cwt.	0	0	0	0	0
Peanuts, farmers' stock	Pound	0	0	18	18	0
Peanut products	Pound	0	0	0	0	0
Peanut butter	Pound	0	0	0	0	0
Soybeans	Bushel	0	367	0	367	0
Soybean meal	Pound	0	41,947	0	41,947	0
Flaxseed	Cwt.	0	0	0	0	0
Totals oils and oilseeds		xxx	xxx	xxx	xxx	xxx
Blended foods	Pound	0	479,859	0	479,859	0
Grains and seeds:						
Feed for Government facilities	Cwt	0	1	0	1	0
Foundation seeds	Pound	0	0	0	0	0
Total grains and seeds		xxx	xxx	xxx	xxx	xxx
Peas, dry whole	Pound	0	130,504	0	130,504	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	383,128	0	383,128	0
Egg mix, dry	Pound	0	0	0	0	0
Other (B)		0	716	0	716	0
Total inventory operations		xxx	xxx	xxx	xxx	xxx
Additional Adjustment for lag activity		0	0	0	0	0

See footnotes at end of table.

Table 11-5.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1997—Continued

Program and commodity	Unit	Value				
		Inventory Oct. 1, 1996	Purchases	Collateral acquired from loans	Sales [1]	Inventory Sept. 30, 1997
		1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Feed grains:.						
Barley	Bushel	172	1,087	0	348	910
Corn	Bushel	75,208	35,974	0	104,819	6,363
Corn products	Pound	0	31,678	0	31,678	0
Grain sorghum	Bushel	31	7,005	11	7,048	0
Sorghum grits	Pound	0	4,041	0	4,041	0
Oats	Bushel	0	0	0	0	0
Oats, rolled	Pound	0	0	0	0	0
Rye	Bushel	0	0	0	0	0
Total feed grains		75,411	79,785	11	147,934	7,273
Wheat (A)	Bushel	407,510	148,040	0	209,217	346,334
Wheat flour	Pound	0	45,848	0	45,848	0
Wheat products, other	Pound	0	38,146	0	38,146	0
Rice, milled	Cwt	0	23,090	0	23,090	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	10	10	0
Upland Cotton	Bale	61	5,520	1,053	6,534	100
Dairy products:						
Butter	Pound	31	3	0	34	0
Butter oil	Pound	0	0	0	0	0
Cheese	Pound	0	2,007	0	351	1,656
Milk, dried	Pound	2,275	23,882	0	4,765	21,392
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		2,306	25,891	0	5,150	23,048
Oils and oilseeds:						
Sunflower seed	Cwt.	0	0	60	38	22
Sunflower seed, non-oil	Cwt.	0	3,210	0	3,210	0
Sunflower seed oil, processed	Cwt.	0	0	0	0	0
Peanuts, farmers' stock	Pound	0	0	6	6	0
Peanut products	Pound	0	0	0	0	0
Peanut butter	Pound	0	0	0	0	0
Soybeans	Bushel	0	3,398	0	3,398	0
Soybean meal	Pound	0	5,860	0	5,860	0
Flaxseed	Cwt.	0	0	0	0	0
Totals oils and oilseeds		0	12,469	66	12,513	22
Blended foods	Pound	0	72,960	0	72,960	0
Grains and seeds:						
Feed for Government facilities	Cwt	0	9	0	9	0
Foundation seeds	Pound	0	0	0	0	0
Total grains and seeds		0	9	0	9	0
Peas, dry whole	Pound	0	25,725	0	25,725	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	132,023	0	132,023	0
Egg mix, dry	Pound	0	0	0	0	0
Other (B)		0	17,576	0	17,576	0
Total inventory operations		485,288	627,083	1,140	736,735	376,776
Additional Adjustment for lag activity		0	0	0	0	0
		485,288	627,083	1,140	736,735	376,776

[1] Sales reflect commodity donations, transfers to other government agencies and inventory adjustment. [2] Less than 500.

(A) Excludes wheat set aside for Food Security Wheat Reserve (FSWR).

(B) Includes beans, dry edible and baby food, glass jar, nutritional powder beverage.

Table may not add due to rounding.

FSA, Financial Management Division, (703) 305–1273.

Table 11-6.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1997 [1]

(In Thousands)

Commodity	Domestic				
	Dollar sales	Government transfers to other agencies	Donations [1]	Inventory adjustments and other recoveries (domestic)	Total domestic
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Feed grains:					
Barley	225	0	123	0	348
Corn	69,357	618	406	2	70,383
Corn products	0	0	0	8	8
Grain sorghum	42	0	0	0	42
Sorghum grits	0	0	0	3	3
Oats	0	0	0	0	0
Oats, rolled	0	0	0	0	0
Wheat	60,478	0	0	0	60,478
Wheat flour	0	0	0	1	1
Wheat products, other	0	0	0	46	46
Rice, milled	0	0	0	2	2
Rice, rough	0	0	0	0	0
Rice, brown and textured soy	0	0	0	0	0
Cotton, extra long staple and upland	1,023	0	0	1	1,024
Rye	0	0	0	0	0
Dairy products:					
Butter oil	0	0	0	0	0
Butter	(80)	(10)	123	0	33
Cheese	0	351	0	0	351
Milk evaporated infant formula	0	0	0	0	0
Milk, dried	48	1,623	971	44	2,686
Oils and oilseeds:.					
Peanut products	0	0	0	0	0
Peanut butter	0	0	0	0	0
Peanuts, farmer's stock	6	0	0	0	6
Soya flour	0	0	0	0	0
Flaxseed	0	0	0	0	0
Sunflower Seed (oil & non-oil)	38	0	0	0	38
Soybeans	0	0	0	0	0
Nutritional Powdered Beverage	0	0	0	0	0
Blended foods	0	0	0	89	89
Dry Vegetable Burger	0	0	0	0	0
Grains and seeds:.					
Feed for Govenment facilities	0	9	0	0	9
Foundation seeds	0	0	0	0	0
Peas dried whole	0	0	0	1	1
Dry edible beans	0	0	0	0	0
Honey	0	0	0	0	0
Sugar	0	0	0	0	0
Vegetable oil products	0	0	0	39	39
Meat	0	0	0	0	0
Poultry, frozen chicken	0	0	0	0	0
Baby food, glass jar	0	0	0	0	0
Lumber	0	0	0	0	0
Adjustments for lag activity [4]	0	0	0	0	0
Other (Rice Cereal, Egg Mix, Other	0	0	0	0	0
Total [2]	131,137	2,591	1,623	236	135,587

See footnotes at end of table.

Table 11-6.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1997 [1]—Continued

(In Thousands)

Commodity	Export		Total export and domestic
	Public law 480 Title II/III	Total export [3]	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*
Barley	0	0	348
Corn	35,496	35,496	105,879
Corn products	31,670	31,670	31,678
Grain sorghum	7,114	7,114	7,156
Sorghum grits	4,038	4,038	4,041
Oats	0	0	0
Oats, rolled	0	0	0
Wheat	137,170	149,777	210,255
Wheat flour	36,986	45,846	45,847
Wheat products, other	37,703	38,100	38,146
Rice, milled	17,408	23,088	23,090
Rice, rough	0	0	0
Rice, brown and textured soy	0	0	0
Cotton, extra long staple and upland	0	5,520	6,544
Rye	0	0	0
Dairy products:			
Butter oil	0	0	0
Butter	0	0	33
Cheese	0	0	351
Milk evaporated infant formula	0	0	0
Milk, dried	0	2,410	5,096
Oils and oilseeds:.			
Peanut products	0	0	0
Peanut butter	0	0	0
Peanuts, farmer's stock	0	0	6
Soya flour	0	0	0
Flaxseed	0	0	0
Sunflower Seed (oil & non-oil)	3,210	3,210	3,248
Soybeans	1,162	9,278	9,278
Nutritional Powdered Beverage	0	0	0
Blended foods	72,663	72,872	72,961
Dry Vegetable Burger	0	0	0
Grains and seeds:.			
Feed for Govenment facilities	0	0	9
Foundation seeds	0	0	0
Peas dried whole	24,757	25,723	25,724
Dry edible beans	14,911	17,576	17,576
Honey	0	0	0
Sugar	0	0	0
Vegetable oil products	109,858	131,983	132,022
Meat	0	0	0
Poultry, frozen chicken	0	0	0
Baby food, glass jar	0	0	0
Lumber	0	0	0
Adjustments for lag activity [4]	0	0	0
Other (Rice Cereal, Egg Mix, Other	0	0	0
Total [2]	534,146	603,701	739,288

[1] Includes donations under section 202,407,416, Section 210, P.L. 85-540 and miscellaneous donations under various other authorizations. [2] Totals may not add due to rounding. [3] Includes Sales, PL 480 Titles I, II and III, Transfers to Other Agencies and Donations. [4] Represents current year activity not processed during regular operation cycle.

FSA, Financial Management Division, (703) 305–1273.

Table 11-7.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1988–97 [1]

Date	Inventory after revaluation	Loans held CCC	Total loans outstanding	Total investment
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
1988:				
March	10,499.5	16,463.1	16,463.1	26,962.7
June	8,174.5	12,185.4	12,185.4	20,359.9
1989:				
March	4,531.5	10,708.9	10,708.9	15,240.4
June	4,349.8	8,287.5	8,287.5	12,637.3
1990:				
March	3,223.4	6,205.9	6,205.9	9,429.3
June	2,558.3	4,157.6	4,157.6	6,715.9
1991:				
March	2,375.1	4,930.5	4,930.5	7,305.6
June	3,168.2	3,267.1	3,267.1	6,435.3
1992:				
March	2,167.0	5,045.0	5,045.0	7,212.0
June	2,047.0	2,944.2	2,944.2	4,991.2
1993:				
March	1,688.2	6,104.7	6,104.7	7,792.9
June	1,606.1	4,564	4,564	6,170.1
1994:				
March	1,281.3	4,263.2	4,263.2	5,544.5
June	1,211.6	3,048.1	3,048.1	4,259.6
1995:				
March	774.2	7,624.1	7,624.1	8,398.3
June	705.1	4,969.6	4,969.6	5,674.7
1996:				
March	649.6	3,715.1	3,715.1	4,364.7
June	574.6	2,177.9	2,177.9	2,752.5
1997:				
March	436	3,753	3,753	4,189
June	406	2,154	2,154	2,560

[1] Reflects total CCC loans and inventories. [2] No data available.

FSA, Financial Management Division, (703) 305–1273.

Table 11-8.—Farm Service Agency programs: Payments to producers, by program and commodity, United States, calendar years 1993–97

Program and commodity	1993	1994	1995	1996	1997
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Production flexibility	0	0	0	5,973,002	6,119,814
Feed grains deficiency/diversion	4,844,009	1,446,939	3,023,945	(384,393)	(559,718)
Wheat definciency	1,904,791	1,155,840	587,194	(473,223)	(8,969)
Rice definciency	707,573	337,077	784,459	174,795	(41)
Cotton (upland and ELS) deficiency	1,225,618	826,377	29,688	(104,884)	(5,851)
Wool and mohair	173,249	201,947	98,255	55,689	14
Loan deficiency	519,670	91,348	5,475	(11)	(58)
Dairy indemnity	222	181	38	235	206
Milk diversion	0	(1)	0	0	0
Dairy termination	0	(12)	(6)	0	0
Milk Marketing Fee	0	80,242	72,989	82,057	16,535
Disaster	1,522,699	1,574,966	596,181	3,926	1,840
Emergency feed/livestock assistance	67,351	94,447	63,479	84,508	17,638
Disaster reserve assist.prgm (livestock)	0	0	0	8,094	85,254
Producer storage	11,895	9,095	20,503	24	(1)
Conservation reserve	1,755,126	1,738,607	1,728,597	1,667,984	1,610,742
Agricultural conservation	172,855	189,866	130,889	93,435	44,453
Rural clean water program	301	205	212	62	2
Colorado river salinity	9,131	7,332	993	0	0
Forestry incentive	12,286	11,956	7,535	0	0
Emergency conservation	25,088	32,379	24,932	24,924	33,726
Waterbank	10,739	10,893	10,625	0	0
Environ. quality incentives prgm. (EQIP)	0	0	0	18,153	44,662
Options pilot program	10,895	15,827	12,129	143	(3)
Potato diversion program	6,132	0	0	0	5,220
Market Gains	408,537	34,506	43,458	(158)	(34)
Noninsured assistance program (NAP)	0	0	0	41,786	43,382
Karnal bunt fungus	0	0	0	9,628	8,614
Other[1]	7,328	3,170	1,669	(1,120)	(517)
Grand Total	13,395,495	7,863,186	7,243,241	7,274,656	7,456,910

[1] Includes Wetlands Reserve Program, Arkansas Beaver Lake Program, animal waste, naval stores, clean lakes, interest penalty, pik storage, and interest on CCC-6s.

FSA Budget/Corporate Programs Branch, (202) 720–5148.

Table 11-9.—Farm Service Agency programs: Payments received, by States, 1996 and 1997

1996

State	Payments	State	Payments	State	Payments
AL	75,476	MD	17,638	RI	156
AK	1,258	MA	1,547	SC	42,865
AZ	57,283	MI	109,571	SD	228,911
AR	361,872	MN	348,706	TN	79,793
CA	293,741	MS	184,901	TX	763,043
CO	174,987	MO	289,227	UT	20,986
CT	1,792	MT	240,145	VT	4,012
DE	4,889	NE	388,162	VA	30,377
FL	22,648	NV	2,605	WA	155,304
GA	114,452	NH	1,094	WV	4,537
HI	580	NJ	3,250	WI	156,789
ID	115,773	NM	58,515	WY	23,820
IL	386,693	NY	43,277	PR	413
IN	213,633	NC	75,628	VI	433
IA	501,668	MD	352,930	GU	0
KS	554,079	OH	163,079	MI	8
KY	74,666	OK	236,069	AS	0
LA	176,435	OR	73,202		
ME	4,638	PA	37,100	Total [1]	7,274,656

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

[1] Total may not add due to rounding.

FSA, Budget, Corporate Programs Branch, (202) 720–5148.

Table 11-10.—Commodity Credit Corporation: Loans made in fiscal year 1997 for crop year 1996, 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	1,563	40,832	9	105	0	207	0
AK	34	0	0	0	0	0	0	0
AZ	0	2,076	4,354	0	0	0	0	0
AR	0	483	168,282	369	0	0	773	0
CA	359	629	817	28	0	0	815	0
CO	356	25,129	0	1,410	0	0	10,110	0
CT	0	186	0	0	0	0	0	0
DE	0	1,486	0	0	0	0	0	0
FL	0	318	1,470	1	298	0	0	0
GA	0	4,182	32,569	39	19,392	0	268	0
HI	0	0	0	0	0	0	0	0
ID	4,570	188	0	0	0	0	28,672	0
IL	0	205,130	0	546	0	0	1,005	0
IN	0	102,731	0	296	0	0	498	0
IA	4	414,709	0	11	0	0	0	0
KS	3	26,614	0	12,790	0	0	11,603	0
KY	0	17,038	0	133	0	109	1,386	0
LA	0	347	183,758	27	0	0	0	0
ME	0	0	0	0	0	0	0	0
MD	20	8,689	0	0	0	0	453	0
MA	0	113	0	0	0	0	0	0
MI	15	35,782	0	0	0	0	703	0
MN	8,177	324,423	0	0	0	0	71,068	0
MS	0	1,095	216,360	38	0	0	88	0
MO	0	36,085	36,994	2,885	0	0	1,764	0
MT	5,181	13	0	0	0	0	69,986	0
NE	18	286,839	0	9,064	0	0	6,936	0
NV	0	0	0	0	0	0	53	0
NH	0	0	0	0	0	0	0	0
NJ	0	2,385	0	0	0	0	36	0
NM	0	1,544	11,187	1,113	1,140	0	252	0
NY	21	21,734	0	0	0	0	2,708	0
NC	48	7,997	17,731	0	(z)	3,298	478	0
ND	19,818	17,126	0	0	0	0	173,800	0
OH	0	34,357	0	0	0	0	503	0
OK	0	669	638	1,572	0	0	5,029	0
OR	293	48	0	0	0	0	7,960	0
PA	11	12,721	0	44	0	0	272	0
RI	0	0	0	0	0	0	0	0
SC	7	2,074	1,533	4	0	0	654	0
SD	762	78,480	0	477	0	0	51,700	0
TN	0	7,986	117,165	33	0	281	456	0
TX	0	24,866	34,953	5,200	7,476	0	2,091	0
UT	405	200	0	0	0	0	2,286	0
VT	0	111	0	0	0	0	0	0
VA	106	6,685	1,268	15	6,444	42	562	0
WA	884	647	0	0	0	0	48,935	0
WV	3	1,486	0	0	0	0	13	0
WI	15	46,193	0	0	0	84	286	0
WY	0	1,132	0	0	0	0	860	0
Total	41,110	1,764,289	869,911	36,104	34,855	3,814	505,269	0

See footnotes at end of table.

Table 11-10.—Commodity Credit Corporation: Loans made in fiscal year 1997 for crop year 1996, by States and Territories [1]—Continued

State or Territory	Soybeans	Rice	Sugar	Seed Cotton	Oats	Rye	Seeds	Total
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,114	0	0	0	3	0	0	43,833
AK	0	0	0	0	0	0	0	34
AZ	0	0	0	0	0	0	0	6,430
AR	4,482	209,188	0	0	0	0	0	383,577
CA	0	119,713	0	1,028	6	0	0	123,395
CO	23	0	0	0	0	0	77	37,105
CT	0	0	0	0	0	0	0	186
DE	766	0	0	0	0	0	0	2,252
FL	79	0	83,985	0	0	0	0	86,151
GA	807	0	0	2,033	7	0	7	59,304
HI	0	0	0	0	0	0	0	0
ID	0	0	0	0	6	0	26	33,462
IL	152,336	0	0	0	0	0	54	359,071
IN	91,485	0	0	0	0	0	0	195,010
IA	231,635	0	0	0	14	0	13	646,386
KS	10,434	0	0	0	10	0	329	61,783
KY	10,869	0	0	0	0	0	0	29,535
LA	563	24,594	30,042	0	0	0	0	239,331
ME	0	0	0	0	74	0	0	74
MD	4,133	0	0	0	0	0	0	13,295
MA	0	0	0	0	0	0	0	113
MI	13,177	0	8,700	0	19	0	0	58,396
MN	186,844	0	0	0	343	0	2,439	593,294
MS	7,479	42,846	0	0	2	0	0	267,908
MO	42,498	4,859	0	0	2	0	21	125,108
MT	0	0	0	0	44	0	89	75,313
NE	47,117	0	0	0	13	0	107	350,094
NV	0	0	0	0	7	0	0	60
NH	0	0	0	0	0	0	0	0
NJ	960	0	0	0	0	0	0	3,381
NM	0	0	0	0	0	0	0	15,236
NY	3,048	0	0	0	56	0	0	27,567
NC	5,894	0	0	30	3	0	0	35,479
ND	8,379	0	0	0	266	0	14,250	233,639
OH	55,193	0	0	0	0	0	0	90,053
OK	529	0	0	0	1	0	0	8,438
OR	0	0	0	0	0	0	0	8,301
PA	2,923	0	0	0	51	0	0	16,022
RI	0	0	0	0	0	0	0	0
SC	2,096	0	0	79	8	0	0	6,455
SD	48,802	0	0	0	505	0	6,099	186,825
TN	5,967	0	.....	0	0	0	0	131,888
TX	275	46,590	63,786	983	0	0	0	186,220
UT	0	0	196,947	0	0	0	0	199,838
VT	0	0	0	0	0	0	0	111
VA	4,021	0	0	612	0	0	0	19,755
WA	0	0	0	0	0	0	0	50,466
WV	262	0	0	0	0	0	0	1,764
WI	13,760	0	0	0	31	0	0	60,369
WY	0	0	0	0	12	0	0	2,004
Total	957,950	447,790	383,460	4,765	1,483	0	23,511	5,074,311

[1] Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

FSA, Financial Management Division, (703) 305–1273.

Table 11-11.—Fruit, vegetable, and tree nut marketing agreement and order programs, 1996–97

Program	Estimated number of commercial producers	Farm value
	Number	*1,000 dollars*
Citrus fruits (1996-97 season):		
Florida oranges, grapefruit, tangerines, and tangelos	11,000	271,146
Florida limes	114	3,698
Texas oranges and grapefruit	2,000	25,786
Deciduous fruits (1997 season):		
California fresh pears and peaches [1]	.....	90,362
California nectarines [1]	1,800	98,895
California olives	1,200	66,801
California desert grapes	80	166,166
California kiwifruit	450	16,483
Florida avocados	149	14,016
Washington apricots	190	4,949
Washington sweet cherries	1,100	112,450
Washington, Oregon, and California winter pears	1,800	125,580
Tart cherries (7 States) [2]	1,400	43,164
Washington and Oregon Bartlett pears	1,800	33,632
Washington and Oregon fresh prunes [3]	350	3,909
Cranberries (10 States) [4]	1,100	375,746
Hawaiian papayas	400	18,885
Dried fruits (1997 season):		
California dates	135	23,100
California dried prunes	1,400	169,535
California raisins	4,500	329,241
Vegetables (1996-97 season):		
Florida tomatoes	75	381,362
Idaho and eastern Oregon onions	260	103,246
South Texas melons	32	36,652
South Texas onions	48	28,071
Georgia onions (Vidalia)	192	51,635
Walla Walla onions	50	4,385
Potatoes (1996-97 season):		
Colorado	650	143,736
Idaho and eastern Oregon	2,100	255,633
Oregon and Northern California	550	42,436
Southeastern States (Virginia-North Carolina)	85	4,575
Washington	450	67,403
Nuts (1997 season):		
California almonds	7,000	1,126,850
California walnuts	5,000	352,390
Oregon and Washington filberts	1,000	41,442
Peanuts [5]	25,000	932,013
Spearmint oil (1997 season) [6]	250	24,969
(Total 36 programs) [7]	.....	5,590,342

[1] Number of producers for California nectarines, pears and peaches are combined. 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. [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 Division, (202) 720–3928.

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various natural resources, particularly soil, water, timber, wetlands, wildlife, and improvement of water quality. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands.

Conservation Practices on Active Contracts

Practice code	Practice	Acres
CP 1	Establishment of permanent introduced grasses and 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 Summary, March 1987–January 1998 [1]

State	Number of contracts	Acres enrolled		Rental rate (dollars per acre per year, weighted average)	Erosion reduction [2] (tons per acre per year, weighted average)
		Total	Average per contract		
Alabama	7,890	415,055	52.6	43.21	17
Alaska	42	25,274	601.8	32.71	7
Arizona	1	33	33.0	9.00	0
Arkansas	2,237	147,832	66.1	42.75	13
California	377	129,235	342.8	30.02	13
Colorado	9,153	1,921,488	209.9	31.42	24
Connecticut	15	231	0.0	64.15	0
Delaware	159	1,671	10.5	71.71	5
Florida	1,738	84,640	48.7	36.90	15
Georgia	6,248	256,175	41.0	39.36	13
Hawaii	0	0	0.0	0.00	5
Idaho	4,139	733,431	177.2	39.17	16
Illinois	29,801	681,453	22.9	86.60	18
Indiana	12,220	278,762	22.8	79.44	15
Iowa	40,475	1,440,701	35.6	91.52	18
Kansas	30,392	2,530,518	83.3	40.40	16
Kentucky	6,369	249,223	39.1	66.71	28
Louisiana	1,752	143,578	82.0	42.40	11
Maine	682	23,286	34.1	49.88	7
Maryland	1,364	23,595	17.3	81.52	8
Massachusetts	15	85	5.7	106.62	0
Michigan	8,460	274,918	32.5	57.52	9
Minnesota	26,211	1,138,561	43.4	54.11	17
Mississippi	13,073	760,433	58.2	38.89	19
Missouri	22,152	1,352,720	61.1	64.52	18
Montana	13,962	2,977,211	213.2	33.37	13
Nebraska	13,215	991,090	75.0	53.12	21
Nevada	5	878	175.6	35.99	16
New Hampshire	11	177	16.1	50.91	0
New Jersey	93	2,294	24.7	53.17	11
New Mexico	2,507	586,021	233.8	31.36	39
New York	1,595	51,426	32.2	41.79	11
North Carolina	3,844	83,678	21.8	53.30	16
North Dakota	25,997	3,138,232	120.7	33.69	15
Ohio	10,665	296,385	27.8	76.53	10
Oklahoma	7,829	967,632	123.6	33.40	22
Oregon	1,690	386,135	228.5	45.25	11
Pennsylvania	2,111	71,509	33.9	46.44	14
Puerto Rico	17	654	38.5	86.20	33
South Carolina	6,273	191,913	30.6	34.12	13
South Dakota	15,347	1,512,928	98.6	40.74	11
Tennessee	5,968	231,418	38.8	51.99	21
Texas	20,458	3,669,500	179.4	35.33	30
Utah	910	183,265	201.4	30.67	17
Vermont	17	222	13.1	51.40	18
Virginia	1,847	44,018	23.8	44.94	15
Washington	5,862	924,451	157.7	47.70	14
West Virginia	39	822	21.1	40.18	11
Wisconsin	21,938	599,016	27.3	64.87	12
Wyoming	886	264,082	298.1	28.10	14
United States, total	388,051	29,787,855	76.8	48.90	14

[1] CRP is a voluntary long-term cropland retirement program established in Title XII of the Food Security Act of 1985 (P.L. 99–198). USDA pays CRP participants an annual per-acre rent and half the cost of establishing a permanent land cover in exchange for retiring highly erodible cropland for 10 years. [2] Erosion reduction equals erosion rate before implementation of conservation practice minus erosion rate after implementation.

Note: Total acres enrolled may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-2.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998

(CP 1 and CP 2)

State	CP 1 Establishment of permanent introduced grasses and legumes				CP 2 Establishment of permanent native grasses			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	627	24,545	1,366,006	55.65	47	2,381	131,169	55.09
Alaska	11	3,581	237,937	66.44	...	...	...	...
Arizona	...	...	...	...	1	33	0	0.00
Arkansas	284	12,509	517,344	41.36	9	663	65,994	99.54
California	25	4,470	96,438	21.57	9	279	7,610	27.28
Colorado	754	138,410	6,523,191	47.13	2,329	421,373	21,330,913	50.62
Connecticut	5	37	3,881	104.89	3	34	3,630	106.76
Delaware	3	67	3,817	56.97	...	...	...	...
Florida	74	2,219	105,720	47.64	...	...	...	...
Georgia	253	6,857	392,640	57.26	9	292	25,469	87.22
Hawaii	...	...	...	...	...	...	...	...
Idaho	1,364	189,688	6,615,535	34.88	19	966	49,667	51.42
Illinois	8,796	283,725	12,266,474	43.23	811	13,852	642,975	46.42
Indiana	3,672	131,658	7,669,310	58.25	550	11,439	693,187	60.60
Iowa	11,624	508,937	19,417,433	38.15	3,357	89,168	4,710,617	52.83
Kansas	1,094	50,089	1,865,655	37.25	12,433	854,424	31,580,506	36.96
Kentucky	2,090	78,732	4,422,025	56.17	595	11,098	951,018	85.69
Louisiana	54	2,820	91,543	32.46	20	2,017	83,311	41.30
Maine	75	2,173	282,320	129.92	6	104	13,681	131.55
Maryland	270	7,102	965,402	135.93	40	827	140,100	169.41
Massachusetts	...	...	...	...	...	...	...	...
Michigan	3,253	118,919	3,713,976	31.23	333	7,227	307,134	42.50
Minnesota	5,571	324,068	12,176,046	37.57	3,581	121,580	7,093,690	58.35
Mississippi	755	28,307	1,090,721	38.53	...	...	...	...
Missouri	8,382	411,244	15,772,837	38.35	3,169	141,362	7,543,901	53.37
Montana	4,636	1,013,489	20,307,274	20.04	2,188	446,966	15,716,293	35.16
Nebraska	1,687	121,025	2,652,726	21.92	4,837	246,996	7,603,144	30.78
Nevada	4	727	20,632	28.38	...	...	...	...
New Hampshire	1	10	1,200	120.00	...	...	...	...
New Jersey	38	1,116	174,705	156.55	17	377	72,061	191.14
New Mexico	10	1,909	62,589	32.79	814	181,400	7,497,091	41.33
New York	303	7,494	603,171	80.49	41	697	40,897	58.68
North Carolina	447	9,271	645,414	69.62	35	798	51,786	64.89
North Dakota	6,698	781,530	20,155,933	25.79	326	22,411	742,860	33.15
Ohio	3,711	155,402	7,704,069	49.58	619	12,553	670,676	53.43
Oklahoma	1,240	132,489	5,090,374	38.42	2,632	290,950	11,820,496	40.63
Oregon	441	89,543	2,215,973	34.42	66	10,350	239,301	34.42
Pennsylvania	544	14,200	1,061,547	74.76	47	824	68,032	82.56
Puerto Rico	3	115	14,002	121.76	...	...	...	...
Rhode Island	...	...	...	...	...	...	...	...
South Carolina	161	3,962	251,894	63.58	7	66	5,851	88.65
South Dakota	3,420	330,592	8,593,923	26.00	2,525	178,087	7,143,237	40.11
Tennessee	1,682	63,542	3,538,284	55.68	256	6,011	334,650	55.67
Texas	2,266	339,671	14,762,907	43.46	10,280	1,352,520	58,991,127	43.62
Utah	287	50,198	1,554,074	30.96	60	12,133	493,211	40.65
Vermont	1	6	750	125.00	...	...	...	...
Virginia	455	9,553	514,867	53.90	81	1,857	115,271	62.07
Washington	1,450	246,584	11,020,721	44.69	1,457	184,723	14,466,213	78.31
West Virginia	1	10	500	50.00	...	...	...	...
Wisconsin	3,982	88,525	3,977,853	44.93	2,235	46,332	2,856,047	61.64
Wyoming	212	65,496	1,869,803	28.55	10	2,658	66,642	25.07
United States, total	82,716	5,856,616	202,391,436	34.56	55,854	4,677,828	204,369,458	34.42

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-3.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998

(CP 3 and CP 4)

State	CP 3 Tree planting				CP 4 Permanent wildlife habitat			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	2,465	100,384	6,031,141	60.08	181	7,923	46,953	5.93
Alaska	...	...	...	...	...	...	...	...
Arizona	...	...	...	...	...	...	...	...
Arkansas	646	45,107	2,553,898	56.62	66	2,888	122,531	42.43
California	11	494	8,450	17.11	13	1,145	82,357	71.93
Colorado	4	7	2,320	331.43	918	112,311	6,083,503	54.17
Connecticut	...	...	...	...	...	...	...	...
Delaware	1	83	34,342	413.76	49	689	98,534	143.01
Florida	696	28,255	971,483	34.38	147	3,751	120,084	32.01
Georgia	2,880	112,694	4,968,887	44.09	208	8,400	322,441	38.39
Hawaii	...	...	...	...	...	...	...	...
Idaho	86	2,042	228,915	112.10	430	57,901	1,446,068	24.97
Illinois	2,031	42,999	2,781,156	64.68	2,061	50,838	1,492,455	29.36
Indiana	1,082	20,481	2,756,301	134.58	317	6,164	449,980	73.00
Iowa	1,476	20,960	3,623,633	172.88	4,990	150,400	5,520,559	36.71
Kansas	81	837	87,708	104.79	536	15,062	574,569	38.15
Kentucky	199	4,913	469,630	95.59	41	947	60,764	64.16
Louisiana	743	58,699	4,050,098	69.00	47	2,547	186,702	73.30
Maine	26	301	36,126	120.02	21	774	36,277	46.87
Maryland	76	987	109,044	110.48	78	2,626	186,575	71.05
Massachusetts	...	...	...	...	...	...	...	...
Michigan	984	13,793	1,231,614	89.29	584	13,041	489,953	37.57
Minnesota	1,885	43,901	4,617,767	105.19	4,247	159,072	10,898,991	68.52
Mississippi	4,681	272,637	11,645,630	42.71	414	8,486	231,436	27.27
Missouri	823	27,659	2,800,420	101.25	326	13,840	681,919	49.27
Montana	10	64	12,322	192.53	45	3,471	92,284	26.59
Nebraska	300	4,037	231,906	57.45	1,264	85,925	3,207,190	37.33
Nevada	...	...	...	...	1	151	4,100	27.15
New Hampshire	...	...	...	...	...	...	...	...
New Jersey	7	210	18,679	88.95	3	43	9,259	215.33
New Mexico	2	81	2,120	26.17	1	69	1,855	26.88
New York	96	1,594	207,596	130.24	38	431	40,075	92.98
North Carolina	924	16,546	592,617	35.82	166	2,439	212,927	87.30
North Dakota	82	916	145,012	158.31	5,173	514,642	12,697,427	24.67
Ohio	714	9,505	891,688	93.81	454	12,617	403,942	32.02
Oklahoma	36	897	54,378	60.62	40	1,363	38,729	28.41
Oregon	46	1,519	84,497	55.63	48	4,382	134,820	30.77
Pennsylvania	66	786	77,693	98.85	22	594	38,329	64.53
Puerto Rico	7	84	13,419	159.75	...	...	...	...
Rhode Island	...	...	...	...	...	...	...	...
South Carolina	1,570	46,961	1,550,855	33.02	579	10,984	339,532	30.91
South Dakota	60	387	88,251	228.04	2,727	284,613	8,164,534	28.69
Tennessee	330	9,675	528,193	54.59	141	4,255	186,197	43.76
Texas	59	7,727	400,241	51.80	367	36,892	1,951,698	52.90
Utah	...	...	...	...	6	146	5,152	35.29
Vermont	1	3	750	250.00	...	...	...	...
Virginia	271	4,743	177,702	37.47	86	1,290	79,540	61.66
Washington	36	1,359	243,792	179.39	1,105	142,020	13,231,354	93.17
West Virginia	4	25	1,332	53.28	...	...	...	...
Wisconsin	4,096	65,991	8,052,373	122.02	894	12,750	716,785	56.22
Wyoming	1	2	55	27.50	77	24,354	505,984	20.78
United States, total	29,594	970,345	62,384,034	64.29	28,911	1,762,236	71,194,364	40.40

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-4.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998

(CP 5, CP 6 and CP 7)

State	CP 5 Establishment of field windbreaks				CP 6 Diversions I				CP 7 Erosion control structures			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	36	2,856	153,346	54	3	4	4,407	1,102	2	5	6,467	1,293
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	15	770	53,353	69	...	...	...	...	3	45	4,167	93
CA	1	1	...	...	1	66	26,400	400	...	...	...	...
CO	58	295	120,469	408	1	141	114	1	2	220	1,331	6
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	6	595	35,275	59	...	...	...	...	1	8	...	...
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	6	34	35,138	1,033	1	5	800	160	3	4	6,900	1,725
IL	170	674	140,013	208	22	59	30,950	525	67	155	162,215	1,047
IN	93	356	49,188	138	2	2	914	457	15	31	22,840	737
IA	260	1,012	185,841	184	8	44	6,134	139	9	22	24,400	1,109
KS	86	285	74,497	261	28	575	17,076	30	10	136	14,879	109
KY	2	63	6,450	102	4	1	3,600	3,600	10	11	22,617	2,056
LA	9	414	18,745	45	1	5	476	95	2	25	464	19
ME	...	...	...	...	...	...	...	...	...	...	...	...
MD	1	3	94	31	1	1	276	276	1	8	12,338	1,542
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	72	269	52,302	194	5	5	2,025	405	9	17	13,950	821
MN	436	1,526	256,143	168	...	...	...	...	2	1	9,000	9,000
MS	91	5,945	188,146	32	3	4	3,940	985	3	2	3,575	1,788
MO	5	46	3,571	78	46	563	63,496	113	37	198	60,759	307
MT	28	286	67,720	237	...	...	...	...	1	331	...	...
NE	236	1,302	261,752	201	4	58	4,167	72	2	11	1,869	170
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	1	...	...	...
NJ	...	...	...	...	1	5	750	150	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	6	54	10,185	189	...	...	...	...	...	...	...	...
NC	1	15	...	...	...	...	...	...	...	...	...	...
ND	410	1,531	343,984	225	2	1	113	87	...	...	...	...
OH	134	252	56,305	223	...	...	...	...	7	14	10,648	761
OK	2	6	1,216	203	24	2,846	33,399	12	2	1	4,206	3,824
OR	2	22	2,708	123	...	...	...	...	...	...	...	...
PA	1	7	770	110	4	8	6,428	804	2	1	919	919
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	5	102	3,227	32	...	...	...	...	...	...	...	...
SD	632	2,665	863,048	324	...	...	...	...	...	...	...	...
TN	8	114	6,850	60	7	15	5,183	346	20	44	43,252	983
TX	...	...	...	...	5	54	6,877	127	1	4	110	28
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	1	5	1,010	202	...	...	...	...	...	...	...	...
VA	2	6	237	40	...	...	...	...	...	...	...	...
WA	3	9	6,703	745	2	106	10,002	94	3	4	2,595	649
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	82	726	77,855	107	4	9	2,560	284	7	3	15,255	5,085
WY	6	11	9,363	851	1	146	...	...	...	...	...	...
US	2,906	22,257	3,085,504	139	180	4,723	230,087	10,263	222	1,301	444,756	34,068

[1] Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-5.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 8, CP 9 and CP 10)

State	CP 8 Grass waterways				CP 9 Shallow water areas for wildlife				CP 10 Vegetative-cover-grass-already established			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	23	48	14,988	312	7	24	11,358	473	1,844	117,763	.....	.....
AK	.....	.....	.....	.....	.....	.....	.....	.....	38	.....	.....	.....
AZ	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
AR	.....	.....	.....	.....	36	676	11,615	17	565	29,636	.....	.....
CA	.....	.....	.....	.....	5	1,346	43,879	33	336	116,016	.....	.....
CO	44	488	67,371	138	2	22	1,528	69	5,933	1,246,269	.....	.....
CT	.....	.....	.....	.....	.....	.....	.....	.....	7	131	.....	.....
DE	3	2	2,390	1,195	46	135	348,709	2,583	3	57	.....	.....
FL	.....	.....	.....	.....	1	1	40	40	72	1,788	.....	.....
GA	9	55	28,710	522	8	45	26,694	593	435	8,336	.....	.....
HI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ID	2	9	4,857	540	13	42	30,485	726	2,718	480,018	.....	.....
IL	2,848	6,421	5,487,365	855	160	1,233	355,263	288	6,106	187,953	.....	.....
IN	1,158	2,000	3,127,636	1,564	99	412	196,776	478	2,977	81,702	.....	.....
IA	1,785	5,521	2,564,912	465	283	1,503	269,360	179	13,055	547,477	.....	.....
KS	219	1,065	250,592	235	27	208	34,674	167	18,596	1,588,623	.....	.....
KY	111	391	213,008	545	41	311	73,812	237	3,690	145,232	.....	.....
LA	1	1	122	122	36	2,451	17,465	7	420	20,721	.....	.....
ME	1	.....	.....	.....	.....	.....	.....	.....	591	19,156	.....	.....
MD	48	76	189,052	2,488	92	285	285,201	1,001	161	3,862	.....	.....
MA	.....	.....	.....	.....	1	.....	.....	.....	7	23	.....	.....
MI	74	173	107,669	622	80	187	102,637	549	3,596	109,320	.....	.....
MN	129	269	161,926	602	105	573	43,596	76	7,459	289,058	.....	.....
MS	7	50	.....	.....	33	965	34,621	36	3,022	134,658	.....	.....
MO	71	286	93,829	328	38	588	69,221	118	12,619	726,975	.....	.....
MT	10	62	2,131	34	.....	.....	.....	.....	7,578	1,334,175	.....	.....
NE	98	241	52,786	219	16	134	12,211	91	6,455	507,119	.....	.....
NV	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NH	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NJ	4	10	24,762	2,476	.....	.....	.....	.....	24	485	.....	.....
NM	.....	.....	.....	.....	.....	.....	.....	.....	1,839	402,472	.....	.....
NY	6	4	8,382	2,096	5	64	8,942	140	1,234	39,096	.....	.....
NC	1	1	998	998	65	300	61,215	204	844	16,961	.....	.....
ND	32	72	24,094	335	21	123	2,640	21	10,560	1,169,514	.....	.....
OH	710	966	1,649,008	1,707	89	432	208,956	484	2,580	84,285	.....	.....
OK	15	58	9,670	167	1	5	.....	.....	4,584	530,848	.....	.....
OR	7	64	35,382	553	1	13	5,567	428	1,149	278,092	.....	.....
PA	48	44	71,125	1,616	8	16	29,974	1,873	1,654	54,280	.....	.....
PR	.....	.....	.....	.....	.....	.....	.....	.....	.....	338	.....	.....
RI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SC	12	17	18,775	1,104	36	197	162,238	824	508	12,632	.....	.....
SD	59	266	58,476	220	26	134	24,122	180	5,034	450,407	.....	.....
TN	3	5	966	193	5	70	3,350	48	3,465	126,494	.....	.....
TX	40	416	41,904	101	5	18	5,757	320	11,584	1,918,403	.....	.....
UT	.....	.....	.....	.....	.....	.....	.....	.....	656	120,762	.....	.....
VT	1	1	1,595	1,595	.....	.....	.....	.....	4	116	.....	.....
VA	5	12	2,779	232	3	60	16,000	267	604	13,143	.....	.....
WA	30	117	55,526	475	5	17	5,216	307	2,477	313,248	.....	.....
WV	.....	.....	.....	.....	1	2	1,000	500	23	732	.....	.....
WI	82	103	133,703	1,298	296	1,220	145,032	119	13,455	347,538	.....	.....
WY	1	9	940	104	1	10	1,554	155	615	170,972	.....	.....
US	7,697	19,323	14,507,429	751	1,697	13,822	2,650,708	13,631	161,176	13,746,886	.....	.....

[1] Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-6.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998

(CP 11, CP 12 and CP 13)

State	CP 11 Vegetative-cover-trees-already established				CP 12 Wildlife food plots				CP 13 Filter strips			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	3,448	154,419	...	...	228	880	...	...	10	128	10,030	78.36
AK	...	...	...	...	1	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	592	42,056	...	...	6	66	...	...	17	155	8,752	56.46
CA	5	371	...	...	3	199	...	...	...	...	...	...
CO	40	240	...	...	16	171	...	...	6	168	22,282	132.63
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	5	56	...	...	3	9	...	...	6	142	42,290	297.82
FL	975	48,489	...	...	18	65	...	...	2	5	293	58.60
GA	2,899	114,608	...	...	55	196	...	...	49	1,283	60,958	47.51
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	93	1,872	...	...	1	1	...	...	1	6	2,427	404.50
IL	541	8,626	...	...	300	833	...	...	930	6,563	348,646	53.12
IN	307	4,786	...	...	39	291	...	...	295	2,705	204,170	75.48
IA	351	4,398	...	...	230	924	...	...	677	4,839	236,207	48.81
KS	195	1,172	...	...	452	1,480	...	...	128	1,368	63,589	46.48
KY	47	1,165	...	...	31	190	...	...	82	958	46,699	48.75
LA	431	32,885	...	...	44	277	...	...	3	56	2,067	36.91
ME	66	701	...	...	...	...	...	...	...	...	...	...
MD	26	280	...	...	40	197	...	...	110	1,494	244,610	163.73
MA	...	...	...	...	...	...	...	...	3	47	...	...
MI	310	4,546	...	...	346	1,628	...	...	208	1,365	55,155	40.41
MN	942	14,777	...	...	388	1,162	...	...	673	9,482	341,037	35.97
MS	5,607	286,427	...	...	412	3,251	...	...	65	823	32,730	39.77
MO	136	3,036	...	...	190	715	...	...	103	968	59,516	61.48
MT	68	911	...	...	3	9	...	...	2	26	1,283	49.35
NE	414	2,343	...	...	98	425	...	...	49	357	10,003	28.02
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	1	...	...	...
NJ	1	5	...	...	1	1	...	...	1	9	2,385	265.00
NM	4	85	...	...	1	6	...	...	...	...	...	...
NY	79	1,123	...	...	19	75	...	...	5	142	3,731	26.27
NC	1,690	34,638	...	...	10	26	...	...	4	37	6,295	170.14
ND	131	995	...	...	125	936	...	...	51	719	18,660	25.95
OH	254	4,093	...	...	60	128	...	...	253	1,424	74,925	52.62
OK	15	391	...	...	12	97	...	...	10	179	7,535	42.09
OR	37	1,310	...	...	2	16	...	...	2	22	1,000	45.45
PA	37	516	...	...	12	31	...	...	4	67	5,628	84.00
PR	8	117	...	...	4	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	2,663	98,870	...	...	119	1,063	...	...	203	3,096	135,550	43.78
SD	95	686	...	...	417	3,678	...	...	59	726	38,647	53.23
TN	461	14,615	...	...	19	45	...	...	185	2,161	110,494	51.13
TX	62	5,767	...	...	140	2,090	...	...	9	102	4,593	45.03
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	583	12,401	...	...	13	130	...	...	21	159	14,038	88.29
WA	15	767	...	...	5	21	...	...	51	741	27,777	37.49
WV	3	12	...	...	1	...	...	...	...	...	...	...
WI	1,473	20,066	...	...	568	1,974	...	...	116	705	39,268	55.70
WY	9	74	...	...	3	45	...	...	...	...	...	...
US	25,118	924,695	0	0.00	4,435	23,331	0	0.00	4,394	43,227	2,283,270	2,890.34

[1] Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-7.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998

(CP 14, CP 15 and CP 16)

State	CP 14 Wetland trees				CP 15 Contour grass strips				CP 16 Shelter belts			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	28	2,315	...	...	16	155	101	...	...	...	...	...
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	53	6,604	...	...	...	...	...	...	...	...	...	...
CA	...	...	...	...	...	...	...	...	...	...	...	...
CO	...	...	...	...	10	579	8,586	14.83	19	124	80,002	645.18
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	48	1,820	...	...	2	29	1,702	58.69	...	...	...	...
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	...	...	...	...	1	13	504	38.77	5	38	42,314	1,113.53
IL	120	2,520	660	...	77	473	16,192	34.23	21	29	4,075	140.52
IN	24	436	...	...	16	49	2,836	57.88	6	12	2,389	199.08
IA	3	44	...	...	1,145	14,261	275,317	19.31	203	422	109,748	260.07
KS	1	13	...	...	91	1,373	30,114	21.93	24	42	10,326	245.86
KY	...	...	...	...	...	...	...	...	...	...	...	...
LA	116	17,042	...	...	...	...	...	...	...	...	...	...
ME	...	...	...	...	...	...	...	...	...	...	...	...
MD	3	36	...	...	1	2	3,500	1,750.00	...	...	...	...
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	6	53	...	...	2	5	500	100.00	9	11	920	83.64
MN	13	419	...	...	16	46	1,081	23.50	314	742	178,819	241.00
MS	65	9,584	...	...	5	35	...	...	...	...	...	...
MO	20	491	6,947	14.15	38	656	6,052	9.23	3	13	220	16.92
MT	...	...	...	...	2	335	7,704	23.00	4	19	5,546	291.89
NE	1	...	...	...	20	128	1,427	11.15	99	476	67,126	141.02
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	...	...	...	...	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	8	55	...	...	...	...	...	...	...	...	...	...
NC	27	2,464	...	...	...	...	...	...	4	16	914	57.13
ND	...	...	...	...	...	...	...	...	277	715	232,965	325.83
OH	23	91	...	...	...	...	...	...	2	1	90	113.00
OK	...	...	...	...	...	...	...	...	...	...	...	...
OR	1	30	...	...	2	17	...	...	...	...	...	...
PA	1	6	...	...	12	55	4,813	87.51	...	...	...	...
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	62	1,848	...	...	...	...	...	...	...	...	...	...
SD	...	...	...	...	1	34	449	13.21	624	2,030	675,567	332.79
TN	26	1,858	...	...	5	3	...	...	...	...	...	...
TX	1	238	...	...	1	153	7,871	51.44	3	22	8,120	369.09
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	...	...	...	...	...	...	...	...	...	...	...	...
WA	...	...	...	...	21	512	21,360	41.72	1	1	30	38.00
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	23	269	4,557	16.94	22	86	625	7.27	...	...	...	...
WY	...	...	...	...	1	1	166	166.00	...	...	...	...
US	673	48,236	12,164	0.25	1,507	19,000	390,900	2,529.65	1,618	4,713	1,419,171	4,614.53

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-8.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998
(CP 17, CP 18 and CP 19)

State	CP 17 Living snow fences				CP 18 Salt tolerant grasses				CP 19 Alley cropping			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	...	...	...	...	...	...	...	...	...	...	...	...
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	...	...	...	...	...	...	...	...	...	...	...	...
CA	...	...	...	...	...	...	...	...	...	...	...	...
CO	4	25	14,795	591.80	...	...	...	...	...	...	...	...
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	...	...	...	...	...	...	...	...	...	...	...	...
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	...	...	...	...	...	...	...	...	...	...	...	...
IL	3	4	441	110.25	...	...	...	...	1	20	660	33.00
IN	1	2	135	67.50	...	...	...	...	...	...	...	...
IA	11	13	2,294	176.46	...	...	...	...	...	...	...	...
KS	1	2	1,051	525.50	47	2,622	61,401	23.42	...	...	...	...
KY	...	...	...	...	...	...	...	...	...	...	...	...
LA	...	...	...	...	...	...	...	...	...	...	...	...
ME	...	...	...	...	...	...	...	...	...	...	...	...
MD	...	...	...	...	...	...	...	...	...	...	...	...
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	...	...	...	...	...	...	...	...	...	...	...	...
MN	36	132	17,087	129.45	11	920	29,490	32.05	...	...	...	...
MS	...	...	...	...	...	...	...	...	...	...	...	...
MO	...	...	...	...	...	...	...	...	1	54	6,947	128.65
MT	...	...	...	...	1,121	144,981	1,432,417	9.88	...	...	...	...
NE	4	18	3,921	217.83	9	198	4,252	21.47	...	...	...	...
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	...	...	...	...	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	...	...	...	...	...	...	...	...	...	...	...	...
NC	...	...	...	...	...	...	...	...	...	...	...	...
ND	10	38	11,552	304.00	738	55,268	534,895	9.68	...	...	...	...
OH	...	...	...	...	...	...	...	...	...	...	...	...
OK	1	...	...	...	141	...	...	...	...	...	...	...
OR	...	...	...	...	...	...	...	...	...	...	...	...
PA	...	...	...	...	...	...	...	...	...	...	...	...
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	...	...	...	...	...	...	...	...	...	...	...	...
SD	19	90	21,254	236.16	36	1,225	33,246	27.14	...	...	...	...
TN	...	...	...	...	...	...	...	...	...	...	...	...
TX	...	...	...	...	9	789	41,124	52.12	...	...	...	...
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	1	3	243	81.00	...	...	...	...	...	...	...	...
WA	...	...	...	...	6	354	13,374	37.78	...	...	...	...
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	1	1	185	185.00	...	...	...	...	4	53	4,557	85.98
WY	...	...	...	...	...	...	...	...	...	...	...	...
US	92	328	72,958	222.43	2,118	206,357	2,150,199	213.55	6	127	12,164	247.63

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–June 1998

(CP 20, CP 21 and CP 22)

State	CP 20 Living snow fences				CP 21 Salt tolerant grasses				CP 22 Alley cropping			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	...	...	...	...	24	271	13,707	50.58	56	857	75,754	88.39
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	...	...	...	...	66	690	23,550	34.13	67	1,134	49,749	43.87
CA	...	...	...	...	...	...	...	...	1	40	13,675	341.88
CO	...	...	...	...	13	324	11,153	34.42	8	52	53,150	1,022.12
CT	...	...	...	...	...	...	...	...	2	30	2	...
DE	...	...	...	...	59	417	61,312	147.03	1	15	6,429	428.60
FL	...	...	...	...	...	...	...	...	2	68	1,505	22.13
GA	...	...	...	...	35	409	3,319	8.11	28	217	48,943	225.54
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	...	...	...	...	10	73	1,851	25.36	7	554	48,068	86.77
IL	1	17	...	...	7,157	47,501	2,276,791	47.93	1,165	20,659	1,909,467	92.43
IN	...	...	...	...	2,669	12,312	921,541	74.85	106	688	114,956	167.09
IA	...	...	...	...	8,639	65,618	2,845,525	43.37	1,406	17,234	2,748,489	159.48
KS	1	...	...	...	605	5,891	205,052	34.81	113	2,607	42,649	16.36
KY	...	...	...	...	603	4,576	240,250	52.50	43	629	67,927	107.99
LA	...	...	...	...	19	196	3,047	15.55	11	120	9,095	75.79
ME	...	...	...	...	5	25	700	28.00	7	46	20,386	443.17
MD	...	...	...	...	487	4,597	854,093	185.79	96	1,084	270,398	249.44
MA	...	...	...	...	4	10	1,067	106.70	1	5	750	150.00
MI	...	...	...	...	866	3,632	181,903	50.08	42	205	15,485	75.54
MN	...	...	...	...	5,131	61,085	2,919,636	47.80	481	6,593	690,181	104.68
MS	...	...	...	...	120	1,363	35,399	25.97	276	3,986	232,554	58.34
MO	...	...	...	...	1,186	13,499	589,331	43.66	179	1,846	171,612	92.96
MT	...	...	...	...	4	42	303	7.21	11	376	8,149	21.67
NE	...	...	...	...	479	3,398	117,847	34.68	78	652	52,447	80.44
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	9	...	...	...	1	...	...	...
NJ	...	...	...	...	9	32	8,498	265.56	1	1	180	180.00
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	...	...	...	...	32	240	9,050	37.71	29	313	28,516	91.11
NC	...	...	...	...	8	61	4,393	72.02	10	59	3,220	54.58
ND	...	...	...	...	197	2,513	63,693	25.35	29	229	26,616	116.23
OH	...	...	...	...	2,235	12,674	581,664	45.89	81	444	65,580	147.70
OK	...	...	...	...	6	108	2,236	20.70	11	264	11,037	41.81
OR	...	...	...	...	23	422	19,602	46.45	20	155	71,843	463.50
PA	...	...	...	...	9	31	850	27.42	12	44	6,995	158.98
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	...	...	...	...	323	2,860	40,801	14.27	915	9,276	182,112	19.63
SD	...	...	...	...	299	3,635	123,404	33.95	25	124	27,721	223.56
TN	...	...	...	...	279	1,984	53,497	26.96	48	314	14,694	46.80
TX	...	...	...	...	31	329	27,284	82.93	8	79	3,553	44.97
UT	...	...	...	...	2	9	812	90.22	2	17	2,922	171.88
VT	...	...	...	...	2	2	265	132.50	10	77	16,552	214.96
VA	...	...	...	...	14	205	12,832	62.60	44	459	189,793	413.49
WA	...	...	...	...	853	33,274	1,320,378	39.68	31	459	191,644	417.53
WV	...	...	...	...	...	...	...	...	12	40	10,915	272.88
WI	...	...	...	...	689	4,874	140,805	28.89	130	1,470	198,449	135.00
WY	...	...	...	...	...	...	...	...	2	288	22,744	78.97
US	2	17	0	0.00	33,201	289,182	13,717,441	47.44	5,608	73,809	7,726,906	104.69

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-10.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998
(CP 23, CP 24 and CP 25)

State	CP 23 Living snow fences				CP 24 Salt tolerant grasses				CP 25 Alley cropping			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	5	102	5,609	54.99	...	...	...	...	...	...	...	...
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	93	4,875	244,073	50.07	...	...	...	...	...	...	...	...
CA	12	4,807	88,687	18.45	...	...	...	...	...	...	...	...
CO	10	441	66,835	151.55	...	...	...	...	...	...	...	...
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	14	331	11,015	33.28	...	...	...	...	...	...	...	...
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	8	170	1,708	10.05	...	...	...	...	...	...	...	...
IL	202	6,566	296,809	45.20	1	1	36	36.00	...	...	...	...
IN	188	3,267	231,759	70.94	...	...	...	...	1	...	...	...
IA	247	5,575	195,888	35.14	...	...	...	...	374	2,355	29,355	12.46
KS	52	3,166	48,286	15.25	6	15	535	35.67	...	...	...	...
KY	2	24	280	11.67	...	...	...	...	...	...	...	...
LA	57	3,327	107,653	32.36	...	...	...	...	...	...	...	...
ME	1	4	1,000	250.00	...	...	...	...	...	...	...	...
MD	96	131	78,128	596.40	...	...	...	...	...	...	...	...
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	112	530	55,479	104.68	...	...	...	...	...	...	...	...
MN	2,338	101,810	4,297,625	42.21	3	10	418	41.80	99	1,364	107,899	79.10
MS	77	3,917	170,283	43.47	...	...	...	...	...	...	...	...
MO	70	2,247	140,219	62.40	...	...	...	...	432	6,441	479,792	74.49
MT	15	840	4,878	5.81	1	5	186	37.20	147	30,832	890,997	28.90
NE	179	11,724	187,822	16.02	1	7	...	...	511	4,520	234,575	51.90
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	1	...	...	...	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	4	44	6,600	150.00	...	...	...	...	...	...	...	...
NC	...	...	...	...	...	...	...	...	...	...	...	...
ND	5,562	586,106	7,236,057	12.35	...	...	...	...	...	...	...	...
OH	126	1,545	140,925	91.21	...	...	...	...	...	...	...	...
OK	18	644	13,107	20.35	...	...	...	...	...	...	...	...
OR	7	180	9,272	20.70	...	...	...	...	...	...	...	...
PA	...	...	...	...	...	...	...	...	...	...	...	...
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	3	249	4,391	17.63	...	...	...	...	...	...	...	...
SD	4,990	253,546	6,323,534	24.94	1	4	147	36.75	...	...	...	...
TN	8	247	3,863	15.64	...	...	...	...	...	...	...	...
TX	160	4,185	81,914	19.57	12	106	1,488	14.04	...	...	...	...
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	1	12	100	8.33	...	...	...	...	...	...	...	...
VA	...	...	...	...	...	...	...	...	...	...	...	...
WA	3	206	15,181	73.69	...	...	...	...	...	...	...	...
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	480	6,120	313,468	51.22	...	...	...	...	14	196	57,260	292.14
WY	...	...	...	...	1	17	1,764	103.76	...	...	...	...
US	15,141	1,006,938	20,382,448	20.24	26	165	4,574	305.22	1,578	45,708	1,799,878	539.00

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-11.—Agricultural Conservation Program and Emergency Conservation Program: Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, fiscal years 1989–98 [1]

Year	Agricultural Conservation Program	Emergency Conservation Program
	1,000 dollars	*1,000 dollars*
1989	179,244	7,226
1990	183,966	12,469
1991	191,407	12,579
1992	191,049	9,532
1993	179,967	23,709
1994	202,992	35,825
1995	137,467	27,348
1996	102,690	26,867
1997	97,299	30,847
1998	29,374	20,533

[1] Totals are from unrounded data.

FSA, Conservation and Environmental Protection Division, (202) 720–3264.

Table 12-12.—Agricultural Conservation Program and Emergency Conservation Program: Participation and assistance, by States and Caribbean area, 1998 fiscal year [1]

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	Number	*1,000 acres*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 acres*	*1,000 dollars*
AL	165	10	62	358	420	2,186	148	3,404
AK	4	*	8	7	15	...	...	...
AZ	60	345	35	316	351	6	1	129
AR	567	96	81	1,264	1,345	21	*	56
CA	170	31	343	228	571	311	53	1,713
CO	139	38	230	146	376	...	...	...
CT	30	2	10	103	113	2	*	9
DE	16	9	*	20	20	160	1	50
FL	119	5	122	82	204	949	33	4,350
GA	627	120	392	741	1,133	612	156	2,236
GU	1	*	1	...	1	14	*	17
HI	15	2	27	38	65	9	*	37
ID	231	57	119	848	967	5	3	12
IL	340	44	90	724	814	447	32	1,674
IN	249	19	237	225	462	46	19	99
IA	527	44	324	782	1,106	1,515	83	2,218
KS	336	31	221	497	718	46	7	434
KY	161	11	86	309	395	10	*	8
LA	619	76	234	970	1,204	...	...	...
ME	157	7	103	346	449	33	1	85
MD	299	46	61	350	411	2	*	3
MA	68	1	51	96	147	...	...	...
MI	429	80	106	1,238	1,344	...	...	...
MN	630	44	775	1,207	1,982	191	9	233
MS	414	56	155	465	620	191	14	814
MO	252	30	206	486	692	1,364	170	7,080
MT	375	210	562	849	1,411	18	15	32
NE	326	58	149	444	593	480	24	679
NV	28	4	15	126	141	...	...	...
NH	128	6	65	173	238	...	...	...
NJ	48	4	24	138	162	...	...	...
NM	33	28	38	26	64	1	*	3
NY	279	23	52	520	572	2	*	6
NC	324	8	190	152	342	94	7	107
ND	450	88	286	562	848	11	2	16
OH	474	50	193	795	988	...	...	...
OK	122	20	36	156	192	16	1	23
OR	360	106	515	719	1,234	22	12	53
PA	398	21	225	815	1,040	9	*	10
PR	9	*	...	28	28	24	1	131
RI	13	1	3	43	46	...	...	...
SC	386	49	101	621	722	16	1	73
SD	254	56	107	461	568	272	54	274
TN	335	22	202	487	689	...	...	...
TX	190	25	302	151	453	74	21	171
UT	110	26	75	225	300	2	11	2
VT	206	16	14	528	542	37	1	65
VA	306	28	96	364	460	26	2	54
VI	12	1	13	9	22	...	...	...
WA	233	33	344	736	1,080	1	*	5
WV	94	7	66	105	171	...	...	...
WI	59	2	40	239	279	2	*	1
WY	53	23	24	228	252	...	...	...
CNMI	...	*	**	0	**	...	...	...
Total	12,230	2,119	7,816	21,546	29,362	9,227	882	26,366

[1] Totals are net totals and may not add. * Less than 500 acres served. ** Less than $500.

FSA, Conservation and Environmental Protection Division, (202) 720–4053. Totals are the sum of rounded data.

Table 12-13.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1998 fiscal year

State or Territory	Regular and long-term agreements						
	Diversions (area served)	Conservation tillage	Perma-nent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	*Acres*	*Acres*	*Number*	*Acres*	*Acres*	*Acres*
AL	...	...	...	20	...	...	...
AK	3	...	...	...	...	...	...
AZ	...	...	...	...	...	...	1,748
AR	...	...	...	209	...	...	6,362
CA	38	...	34	277	...	...	5,787
CO	5	...	...	152	...	353	6,004
CT	...	...	5	...	10	...	16
DE	...	...	...	...	...	...	...
FL	60	...	...	...	...	...	211
GA	1	...	117	...	704	...	523
GU	...	...	...	...	...	...	1
HI	...	...	...	...	...	94	5
ID	280	1,540	17	3,987	4	141	1,248
IL	...	...	...	1,409	1,879	...	...
IN	28	...	...	775	409	...	...
IA	...	...	...	130	212	2	...
KS	121	...	...	45	967	21	200
KY	37	...	...	210	406	...	...
LA	...	...	5	5,523	30	...	3,874
ME	39	...	...	674	44	...	...
MD	28	...	...	38	191	...	...
MA	...	...	...	13	25	...	91
MI	212	...	68	1,028	647	90	...
MN	592	...	69	2,462	2,745	579	...
MS	...	...	...	2,377	1	...	444
MO	...	...	...	38	21	...	1,073
MT	1	...	...	...	1,173	320	18,522
NE	16	...	...	111	65	...	354
NV	...	...	...	108	...	...	2,171
NH	...	...	40	103	15	...	...
NJ	1	...	...	50	23	...	113
NM	200	...	...	167	...	...	343
NY	82	...	...	26	16	...	76
NC	...	...	1	13	344	1	...
ND	118	...	80	...	2,459	3,909	137
OH	5	...	...	1,167	1,594	2	...
OK	205	...	...	731	264	...	...
OR	209	...	900	1,359	95	...	5,691
PA	662	...	3	273	480	...	...
PR	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	60
SC	...	...	1,981	1,410	126	...	...
SD	330	...	654	335	492	799	841
TN	102	...	4	300	3	...	...
TX	173	...	...	1,917	572	...	198
UT	...	...	45	...	...	...	842
VT	15	...	50	...	...	...	...
VA	8	...	10	18	53	...	...
VI	...	...	...	...	...	...	3
WA	...	...	...	476	164	...	1,153
WV	...	...	...	...	...	...	...
WI	1	...	80	69	92	...	...
WY	...	...	...	...	...	...	3,484
CNMI	...	...	...	...	...	...	...
Total	3,572	1,540	4,163	28,000	16,325	6,311	61,5752

See end of table.

Table 12-13.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1997 fiscal year—Continued

State or Territory	Regular and long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	*Acres*	*Acres*	*Acres*	*Number*	*Acres*	*Acres*
AL	149	...	79	...	...	...	303
AK	...	...	...	...	1	...	...
AZ	...	15,523	...	...	...	...	...
AR	2,849	2,997	42	...	1	...	...
CA	14	1,879	...	...	1	...	...
CO	316	1,852	...	...	1	...	9,931
CT	30	...	...	...	...	137	...
DE	...	...	...	...	...	...	...
FL	177	352	2,083	86	...	58	53
GA	1,212	648	3,457	58	3	2	6,203
GU	...	...	...	...	...	...	...
HI	1	54	...	...	...	...	2
ID	270	2,197	10	14	...	...	403
IL	33	26	4	...	1	...	491
IN	241	12	...	25	2	...	78
IA	124	...	...	...	...	...	3,472
KS	236	320	...	...	...	...	8,235
KY	68	...	...	...	...	...	27
LA	1,691	1,057	925	...	1	...	...
ME	76	126	7	259	...	...	...
MD	59	...	106	...	1	...	...
MA	54	138	...	...	...	...	...
MI	314	52	174	...	...	152	...
MN	750	229	157	50	1	34	2,234
MS	1,012	15	224	80	...	...	47
MO	375	99	...	...	3	...	4,819
MT	346	59,215	...	12	...	...	100
NE	43	619	...	...	5	...	3,065
NV	...	1,262	...	...	...	...	...
NH	...	7	8	62	...	...	...
NJ	17	...	...	...	...	...	5
NM	155	864	...	...	...	...	...
NY	109	...	...	4	...	113	...
NC	530	990	50	...	...	...	5
ND	883	1,027	...	...	...	...	...
OH	269	497	...	83	...	17	...
OK	738	...	...	...	...	...	701
OR	513	9,155	785	848	...	...	1,549
PA	260	528	29	11	1	1,087	182
PR	76	150	...	...	...	...	40
RI	16	...	...	3	...	...	...
SC	212	9	1,041	148	...	86	45
SD	1,669	1,520	...	...	1	...	442
TN	1,229	1,873	165	...	1	...	193
TX	1,678	5,455	...	...	1	...	1,168
UT	229	3,459	...	...	...	...	...
VT	...	...	...	12	...	...	...
VA	346	740	28	8	...	20	...
VI	...	540	...	...	...	...	7
WA	184	25	110	219	1	374	1,348
WV	...	348	...	...	1	...	...
WI	...	...	29	5	...	...	...
WY	38	4,449	...	...	4	...	...
CNMI	...	...	...	...	...	...	...
Total	19,591	120,308	9,513	1,987	31	2,080	45,148

FSA, Conservation and Environmental Protection Division, (202) 720–4053

Table 12-14.—Active contracts: Summary, United States, 1988–97

State	Total no. of contracts	Total CRP	Cropped wetland	SCOUR erosion	Tree practice	Total annual erosion reduction	Average rental rate	Total rental rate
	Number	*Acres*	*Acres*	*Acres*	*Acres*	*Tons year*	*Dollars*	*1,000 dollars*
AL	7,890	415,055	2,280	1,242	257,118	5,434	43.21	17,934,527
AK	42	25,274	0	0	0	922	32.71	826,713
AZ	1	33	0	0	0	0	9.00	297
AR	2,237	147,832	7,204	5,715	93,767	634	42.75	6,319,818
CA	377	129,235	0	0	865	178	30.02	3,879,635
CO	9,153	1,921,489	111	0	247	28,271	31.42	60,373,184
CT	15	231	0	0	0	1	64.15	14,819
DE	159	1,671	0	0	139	3	71.71	119,827
FL	1,738	84,640	45	114	76,744	1,118	36.90	3,123,216
GA	6,248	256,176	1,459	172	229,123	1,612	39.36	10,083,087
ID	4,139	733,431	1,600	441	3,914	9,489	39.17	28,728,492
IL	29,801	681,453	4,576	1,240	54,165	8,128	86.60	59,013,830
IN	12,220	278,762	1,197	134	25,704	2,600	79.44	22,144,853
IA	40,475	1,440,701	8,511	21,847	25,402	15,169	91.52	131,852,956
KS	30,392	2,530,518	1,054	2,909	2,023	26,708	40.40	102,232,927
KY	6,369	249,223	41	255	6,079	3,990	66.71	16,625,666
LA	1,752	143,578	19,604	474	108,626	1,180	42.40	6,087,707
ME	682	23,286	7	147	1,002	78	49.88	1,161,506
MD	1,364	23,595	1,638	0	1,303	87	81.52	1,923,464
MA	15	85	0	0	0	1	106.52	9,054
MI	8,460	274,918	593	52	18,393	1,742	57.52	15,813,283
MN	26,211	1,138,561	2,421	676	59,097	6,314	54.11	61,607,536
MS	13,073	760,433	10,301	27,794	568,649	12,459	38.89	29,573,239
MO	22,152	1,352,720	1,947	2,489	31,240	14,479	64.52	87,277,494
MT	13,962	2,977,211	445	0	976	28,595	33.37	99,349,531
NE	13,215	991,090	1,304	311	6,380	7,069	53.12	52,646,701
NV	5	878	0	0	0	15	35.99	31,599
NH	11	177	0	0	0	1	50.91	9,011
NJ	93	2,294	0	0	215	7	53.17	121,972
NM	2,507	586,021	0	0	166	1,500	31.36	18,377,619
NY	1,595	51,426	170	14	2,773	181	41.79	2,149,093
NC	3,844	83,678	2,611	52	53,694	1,076	43.30	3,623,257
ND	25,997	3,138,232	107,442	967	1,911	23,786	33.69	105,727,036
OH	10,665	296,385	2,627	572	13,690	1,465	76.53	22,682,344
OK	7,829	967,633	370	6,959	1,288	3,362	33.40	32,318,942
OR	1,690	386,135	628	271	2,859	292	45.25	17,472,609
PA	2,111	71,509	116	0	1,308	654	46.44	3,320,878
PR	17	654	0	0	201	13	86.20	56,375
SC	6,273	191,913	1,311	1,990	147,679	1,480	34.12	6,548,072
SD	15,347	1,512,928	85,670	2,388	1,073	8,415	40.74	61,636,687
TN	5,968	231,418	2,207	377	26,149	2,168	51.99	12,031,422
TX	20,458	3,669,500	479	2,362	13,733	65,367	35.33	129,643,435
UT	910	183,265	0	0	0	58	30.67	5,620,738
VT	17	222	0	0	3	2	51.40	11,411
VA	1,847	44,018	126	12	17,145	584	44.94	1,978,169
WA	5,862	924,451	358	16	2,126	3,723	47.70	44,096,313
WV	39	822	0	8	38	2	40.18	33,028
WI	21,938	599,016	21,933	1,101	86,379	3,982	64.87	38,858,168
WY	886	264,082	0	0	77	3,620	28.10	7,420,704
Total	388,051	29,787,858	292,386	83,099	1,943,457	298,014	44.73	1,332,410,888

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-15.—Agricultural Conservation Program: Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1990–98 and total 1936–98 [1]

Practice	Unit	1990	1991	1992	1993	1994	1995	1996	1997	1998	Total 1936–98
Terrace systems [2]	1,000 acres.	535	632	682	544	678	600	245	288	45	50,487
Sod waterways [2] ..	.....do ...	175	261	196	157	262	157	123	97	16	20,084
Conservation tillage systems.	.....do ...	430	411	556	602	527	193	9	1	1	13,465
Stripcropping systems.	.....do ...	151	124	105	81	70	50	25	13	2	117,770
Establishing permanent vegetative cover.	.....do ...	576	609	587	528	712	385	330	130	20	83,231
Cropland protective cover.	.....do ...	581	606	652	477	406	19	(3)	0	0	516,960
Improving permanent vegetative cover.	.....do ...	964	1,004	998	1,122	1,251	881	548	510	120	180,376
Planting trees or shrubs.	.....do ...	125	135	119	131	134	199	76	145	10	8,908
Timber stand improvement.	.....do ...	43	45	47	37	37	33	24	9	2	6,041
Permanent wildlife habitat [2].	.....do ...	21	23	29	21	25	15	10	9	4	5,698
Water impoundment reservoirs.	Number	5,724	5,429	4,445	3,598	3,901	2,775	904	150	31	2,545,317
Grazing land protection.	.....do ...	12,498	11,430	11,422	10,173	9,907	7,696	7,266	1,753	661	724,030
Contour farming ...	1,000 acres.	27	22	16	15	18	6	(3)	(3)	(3)	140,407
Diversions [2]	.....do ...	83	67	72	71	117	45	28	27	4	8,299
Sediment retention, erosion, or water control structures.	Number	13,427	13,289	12,522	12,656	13,738	11,796	8,918	7	2	3,658,181

[1] In 1974, the data includes the Regular, Long-Term Agreement, and Forestry Incentives Programs. From 1975, the data includes the Regular and Long-Term Agreement Programs. [2] In area served. [3] Less than 1,000 acres.

FSA, Conservation and Environmental Protection Division, (202) 720–4053. Totals are from unrounded data.

Table 12-16.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 1997 and 1998 fiscal year and cumulative 1975–98 [1]

State	1997			1998			Cumulative 1975–98		
	Planting trees	Improving a stand of forest trees	Site prep for natural regenera-tion	Planting trees	Improving a stand of forest trees	Site prep for natural regenera-tion	Planting trees	Improving a stand of forest trees	Site prep for natural regenera-tion
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	1,983	105	0	8,339	157	0	347,465	34,411	1,449
AK	137	0	0	0	0	0	138	15	8,692
AZ	0	0	0	0	0	0	13	1,807	0
AR	3,394	775	40	6,575	726	40	237,370	111,838	429
CA	90	246	0	149	135	0	10,205	11,487	0
CO	29	0	0	38	10	0	364	111	10
CT	0	12	0	0	0	0	12	7,854	0
DE	237	172	111	353	0	343	10,374	4,161	454
FL	6,680	0	0	3,986	0	0	322,070	349	233
GA	19,440	4,344	0	7,385	0	0	365,112	27,584	1,481
HI	0	0	0	0	0	0	250	0	0
ID	184	0	0	140	0	0	2,707	3,907	32
IL	16	775	41	14	547	134	83	39,982	378
IN	15	1,228	0	0	1,181	0	4,130	86,442	960
IA	20	40	0	126	254	0	3,441	9,605	31
KS	0	0	0	0	35	0	451	4,924	0
KY	70	249	45	310	800	45	4,932	57,848	1,703
LA	6,720	102	205	7,238	447	160	228,569	46,065	3,666
ME	26	287	0	19	127	0	6,878	20,681	10
MD	223	385	0	527	153	0	31,639	17,344	121
MA	0	67	14	60	81	75	698	37,553	190
MI	434	327	0	500	42	0	30,124	37,960	25
MN	606	170	219	191	110	104	17,654	13,710	1,536
MS	11,415	0	0	11,437	0	0	375,649	31,732	245
MO	10	306	57	107	233	20	12,195	84,643	231
MT	26	53	0	5	46	0	273	5,021	117
NE	10	10	0	0	30	0	563	48	0
NV	0	0	0	0	0	0	526	50	0
NH	0	375	114	0	170	228	236	30,843	1,349
NJ	0	0	0	0	0	0	10	12,275	20
NM	0	0	0	0	0	0	65	7,341	0
NY	0	379	0	10	434	0	81	67,409	120
NC	6,293	344	95	8,180	447	124	369,727	25,795	1,286
ND	0	0	0	0	0	0	207	141	0
OH	171	653	65	232	191	40	13,902	88,414	2,065
OK	656	652	0	1,018	460	40	22,829	36,178	562
OR	1,626	1,754	0	1,172	1,589	0	61,771	32,478	0
PA	10	366	0	46	667	0	5,658	39,609	261
PR	42	0	0	0	0	0	1,503	10	0
RI	0	0	0	0	0	0	1,153	2,653	10
SC	22,925	3,335	114	8,850	1,720	45	324,356	22,397	549
SD	0	111	10	0	77	0	29	5,490	10
TN	907	0	0	659	436	0	34,820	15,646	425
TX	3,077	885	1,189	4,080	1,059	54	226,008	56,183	1,243
UT	0	0	0	0	0	0	0	12	0
VT	0	78	0	20	103	0	471	22,490	240
VA	18,535	742	140	9,189	1,495	0	407,299	61,321	549
WA	282	1,494	0	294	3,058	0	48,767	16,872	20
WV	77	456	0	25	389	0	7,018	99,083	10
WI	300	0	0	305	0	107	35,777	35,356	4,854
WY	0	429	0	0	913	0	4	18,971	0
Total	106,666	21,706	2,459	81,579	18,322	1,559	3,575,576	1,394,099	35,566

[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 12-17.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 1997 and 1998 fiscal years

State	1997					1998				
	Partici-pants	Area served	Assistance			Partici-pants	Area served	Assistance		
			Regular	Long term	Total assistance			Regular	Long term	Total assistance
	Number	*Acres*	*Dollars*	*Dollars*	*Dollars*	*Number*	*Acres*	*Dollars*	*Dollars*	*Dollars*
AL	62	1,983	105	.....	354,657	190	8,339	157	.....	560,498
AK	1	137	.....	.....	10,060	.....	.....	.....	.....	.....
AR	100	3,394	775	40	158,477	171	6,575	726	40	292,770
CA	18	90	246	.....	47,725	11	149	135	.....	50,772
CO	6	29	.....	.....	8,290	3	38	10	.....	12,362
CT	2	.....	12	.....	774	.....	.....	.....	.....	.....
DE	11	237	172	111	21,699	12	353	.....	343	29,241
FL	120	6,680	.....	.....	505,289	83	3,986	.....	.....	222,306
GA	635	19,440	4,344	.....	697,233	892	7,385	.....	.....	436,151
ID	7	184	.....	.....	35,133	7	140	.....	.....	15,991
IL	23	16	775	41	35,483	24	14	547	134	25,861
IN	55	15	1,228	.....	26,595	23	.....	1,181	.....	27,120
IA	21	20	40	.....	29,799	18	126	254	.....	37,480
KS	.....	.....	.....	.....	.....	2	.....	35	.....	728
KY	34	70	249	45	14,576	30	310	800	45	1,755
LA	164	6,720	102	205	402,960	174	7,238	447	160	323,616
ME	36	26	287	.....	24,120	14	19	127	.....	13,487
MD	29	223	385	.....	88,356	14	527	153	.....	25,637
MA	8	.....	67	14	4,130	13	60	81	75	19,136
MI	46	434	327	.....	21,877	100	500	42	.....	48,359
MN	36	606	170	219	37,363	102	191	110	104	32,502
MS	754	11,415	.....	.....	90,494	327	11,437	.....	.....	320,236
MO	14	10	306	57	12,862	19	107	233	20	15,714
MT	6	26	53	.....	5,542	6	5	46	.....	3,000
NE	2	10	10	.....	2,718	2	.....	30	.....	2,850
NH	21	.....	375	114	19,284	20	.....	170	228	15,470
NY	32	.....	379	.....	24,925	42	10	434	.....	31,555
NC	166	6,293	344	95	280,834	216	8,180	447	124	340,000
OH	36	171	653	65	48,192	60	232	191	40	38,432
OK	16	656	652	.....	48,326	51	1,018	460	40	60,900
OR	100	1,626	1,754	.....	250,807	73	1,172	1,589	.....	203,836
PA	14	10	366	.....	22,385	29	46	667	.....	25,346
PR	3	42	.....	.....	13,854	.....	.....	.....	.....	-
SC	489	22,925	3,335	114	767,844	375	8,850	1,720	45	540,000
SD	6	.....	111	10	8,454	5	.....	77	.....	5,694
TN	16	907	.....	.....	65,963	17	659	436	.....	56,554
TX	334	3,077	885	1,189	415,124	332	4,080	1,059	54	166,234
VT	8	.....	78	.....	6,183	9	20	103	.....	9,033
VA	375	18,535	742	140	392,244	204	9,189	1,495	.....	218,969
WA	57	282	1,494	.....	127,172	100	294	3,058	.....	198,598
WV	27	77	456	.....	16,507	27	25	389	.....	16,797
WI	34	300	.....	.....	74,839	59	305	.....	107	61,766
WY	29	.....	429	.....	43,257	21	.....	913	.....	45,191
Total	3,953	106,665	21,706	2,459	5,262,406	3,877	81,579	18,322	1,559	4,551,947

NRCS,Conservation Operations Division (202)720–1845.

Table 12-18.—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 12-19.—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 12-20.—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 12-21.—Soil surveys: Total area mapped for resource planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1997, and cumulative through Sept. 30, 1997

State or Territory	Progressive Soil Survey Program [1]		
	Work during year ending Sept. 30, 1997		Total to date
	Acres mapped	*Acres updated*	*Acres*
AL	195,965	0	29,833,170
AK	1,229,754	55,500	43,378,999
AZ	494,324	0	48,433,941
AR	108,177	90,770	33,549,714
CA	643,798	48,540	75,833,064
CO	403,285	44,620	63,956,718
CT	0	96,900	3,211,700
DE	0	26,755	1,308,500
FL	16,079	0	34,654,874
GA	114,625	320,898	35,074,818
HI	0	107,780	4,042,820
ID	170,918	104,727	35,916,047
IL	0	1,499,790	36,060,840
IN	0	107,320	23,158,600
IA	0	448,677	36,016,200
KS	0	168,890	52,657,500
KY	0	211,184	25,815,272
LA	0	338,548	30,561,000
ME	179,691	115,211	16,964,522
MD	0	204,500	6,695,000
MA	0	60,316	5,301,800
MI	541,417	51,173	34,549,064
MN	467,800	421,123	44,958,485
MS	60,473	0	28,433,611
MO	833,890	207,416	40,820,836
MT	1,362,287	44,500	80,645,640
NE	30,640	269,280	49,945,701
NV	116,790	35,000	59,830,270
NH	44,712	33,385	5,368,323
NJ	0	57,542	4,861,100
NM	111,116	245,591	69,505,796
NY	87,013	33,538	29,027,579
NC	227,698	123,494	30,858,335
ND	68,933	120,534	44,777,670
OH	0	366,716	26,414,944
OK	0	173,045	44,771,700
OR	163,528	140,880	38,414,855
PA	0	95,000	28,997,200
PB [2]	0	0	545,032
PR [3]	0	22,532	2,333,800
RI	0	0	775,900
SC	0	138,890	19,912,100
SD	0	59,680	49,354,542
TN	242,392	274,910	26,053,280
TX	310,186	1,695,596	163,121,094
UT	30,000	66,300	47,410,853
VT	38,060	0	5,127,785
VA	364,141	0	23,399,558
WA	284,500	0	38,480,519
WV	176,790	216,950	14,587,956
WI	239,229	307,057	32,729,947
WY	677,991	36,439	45,460,315
Total	10,036,202	9,287,497	1,773,898,889

[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 12-22.—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 12-23.—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 12-24.—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 12-25.—Interim EQIP/GPCP [1]: Status of cost-share contracts, by States, year ending Sept. 30, 1997 [2]

State	Designated counties	Active land treatment contracts in operation	
		1997	1997
	Number	*Number*	*1,000 acres*
CO	38	114	335.0
KS	62	122	92.3
MT	46	35	384.4
NE	65	21	68.2
NM	27	25	634.8
ND	48	108	192.6
OK	44	110	56.7
SD	51	44	162.6
TX	156	219	668.2
WY	19	46	387.0
Total	556	844	2,981.8

[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 12-26.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 1997 [1]

State	Designated counties	Active land treatment contracts in operation	
		1997	1997
	Number	*Number*	*1,000 acres*
CO	38	348	1,027.3
KS	62	732	497.8
MT	46	222	1,317.3
NE	65	280	756.8
NM	27	190	2,936.9
ND	48	422	778.1
OK	44	480	339.5
SD	51	446	1,607.0
TX	156	655	1,350.3
WY	19	195	1,847.4
Total	556	3,970	12,458.4

[1] As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

NRCS, Conservation Operations Division, (202) 720–1845.

Table 12-27.—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 12-28.—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 12-29.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1997

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	296,072	2,183	1,604	579	3,569	290,320
AK	2,796	796	781	15	1,450	550
AZ	1,077	710	710	0	0	367
AR	109,599	5,591	4,091	1,500	450	103,558
CA	77,562	36,812	36,812	0	350	40,400
CO	6,874	721	709	12	259	5,894
CT	250	0	0	0	0	250
DE	1,861	0	0	0	2	1,859
FL	192,840	6,945	2,973	3,972	3,272	182,623
GA	396,726	3,458	1,029	2,429	3,272	389,996
HI	539	0	0	0	70	469
ID	33,399	20,108	20,108	0	3,533	9,758
IL	7,116	285	200	85	0	6,831
IN	2,921	541	0	541	0	2,380
IA	6,017	0	0	0	0	6,017
KS	1,809	0	0	0	25	1,784
KY	8,942	614	589	25	195	8,133
LA	144,083	1,043	847	196	1,915	141,125
ME	0	0	0	0	0	0
MD	8,460	0	0	0	320	8,140
MA	7	0	0	0	1	6
MI	9,377	3,377	3,377	0	3,000	3,000
MN	18,326	2,845	1,845	1,000	6,062	9,419
MS	281,712	7,776	6,273	1,503	46,008	227,928
MO	1,445	337	317	20	0	1,108
MT	20,965	12,217	12,217	0	351	8,397
NE	3,897	0	0	0	217	3,680
NV	479	0	0	0	4	475
NH	11	11	11	0	0	0
NJ	681	0	0	0	55	626
NM	729	729	729	0	0	0
NY	1,962	0	0	0	0	1,962
NC	113,978	1,328	747	581	1,365	111,285
ND	2,712	0	0	0	16	2,696
OH	6,613	67	67	0	16	6,530
OK	13,825	50	0	50	160	13,615
OR	132,528	41,583	41,583	0	2,648	88,297
PA	13,598	191	191	0	578	12,829
RI	28	0	0	0	10	18
SC	165,761	2,748	1,164	1,584	7,374	155,639
SD	3,604	0	0	0	105	3,499
TN	7,205	716	606	110	342	6,147
TX	107,813	646	496	150	-	107,167
UT	2,132	1,242	1,242	0	448	442
VT	287	232	232	0	10	45
VA	90,691	1,076	333	743	0	89,615
WA	151,338	15,338	14,862	476	15,000	121,000
WV	1,545	110	110	0	10	1,425
WI	26,685	835	835	0	3,350	22,500
WY	1,238	1,228	1,228	0	-	10
State totals	2,480,115	174,489	158,918	15,571	105,812	2,199,814
PR	351	0	0	0	2	349
Other [4]	241	0	0	0	113	128
Total	2,480,707	174,489	158,918	15,571	105,927	2,200,291

[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 12-30.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 1993 [1]

Region	Total forest land [2]	Timberland [3]							
		All ownerships	Federal			State, county, and municipal	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private [4]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*
Northeast	85,380	79,449	2,511	2,179	333	6,165	70,772	11,858	58,914
North Central	83,108	78,350	8,312	7,366	946	13,318	56,720	4,340	52,380
North	168,488	157,799	10,823	9,545	1,279	19,483	127,492	16,198	111,294
Southeast	88,078	84,794	7,032	4,847	2,185	2,124	75,639	16,252	59,387
South Central	123,760	114,515	8,978	6,707	2,271	2,368	103,168	22,774	80,395
South	211,838	199,309	16,010	11,554	4,456	4,492	178,807	39,026	139,782
Great Plains	4,232	3,529	993	943	49	149	2,388	24	2,363
Intermountain	135,499	59,099	38,749	35,459	3,291	2,498	17,852	2,894	14,959
Rocky Mountains	139,731	62,628	39,742	36,402	3,340	2,647	20,240	2,918	17,322
Alaska	129,131	15,068	4,241	3,780	460	4,642	6,185	.....	6,185
Pacific Northwest	48,481	37,851	17,160	15,010	2,150	3,131	17,561	9,034	8,527
Pacific Southwest [5]	39,011	16,900	8,679	8,370	309	445	7,776	3,280	4,497
Pacific Coast	216,623	69,819	30,080	27,160	2,919	8,218	31,522	12,314	19,209
All regions	736,680	489,555	96,655	84,661	11,994	34,840	358,061	70,456	287,607

[1] Data may not add to totals because of rounding. [2] Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet in width. [3] Timberland is forest land that is producing or is capable of producing crops of industrial wood and that is not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as timberland have the capability of producing more than 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. [4] Includes Indian lands. [5] Includes Hawaii.

No update available until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-31.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 1993 [1]

Region	Growing stock [2]			Sawtimber [3]		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	*Million cubic feet*	*Million cubic feet*	*Million board feet*	*Million board feet*	*Million board feet*
Northeast	121,800	33,580	88,220	302,608	87,051	215,557
North Central	85,319	17,397	67,923	236,918	49,896	187,022
North	207,119	50,977	156,143	539,526	136,947	402,579
Southeast	120,872	51,931	68,941	380,400	174,692	205,708
South Central	129,722	50,996	78,726	461,231	214,052	247,179
South	250,594	102,927	147,667	841,631	388,744	452,887
Great Plains	3,656	1,935	1,722	12,515	6,945	5,570
Intermountain	106,582	99,552	7,030	402,087	389,629	12,458
Rocky Mountains	110,238	101,487	8,752	414,602	396,574	18,028
Alaska	35,382	31,144	4,238	153,524	145,616	7,909
Pacific Northwest	124,642	113,227	11,415	711,972	670,357	41,614
Pacific Southwest [4]	57,643	50,134	7,509	330,288	308,312	21,977
Pacific Coast	217,667	194,505	23,162	1,195,784	1,124,285	71,500
All regions	785,618	449,896	335,724	2,991,543	2,046,550	944,994

[1] Data may not add to totals because of rounding. [2] Live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. [3] Live trees of commercial species containing at least one 12-foot sawlog or two noncontiguous 8-foot logs, and meeting regional specifications for freedom from defect. Softwood trees must be at least 9.0-inches diameter and hardwood trees must be at least 11.0-inches diameter at 4½ feet above ground. [4] Includes Hawaii.

No update available until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-32.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 1991 [1]

Roundwood products, logging residues, and other removals	All sources			Growing stock [2]			Other sources [3]		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	Million cubic feet	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*
Roundwood products:									
Sawlogs	7,351	5,435	1,916	6,911	5,173	1,738	440	262	178
Pulpwood	5,049	3,067	1,982	4,110	2,474	1,636	939	594	346
Veneer logs	1,364	1,242	123	1,290	1,174	116	75	68	6
Other products [4]	938	831	107	883	798	84	56	33	23
Fuelwood	3,187	606	2,581	848	230	618	2,339	376	1,963
Total	17,889	11,181	6,709	14,042	9,849	4,192	3,849	1,333	2,516
Logging residues [5]	3,457	1,850	1,607	1,345	773	572	2,112	1,077	1,035
Other removals [7]	1,516	428	1,088	922	335	587	594	93	501
Total	4,973	2,278	2,695	2,267	1,108	1,159	2,706	1,170	1,536

[1] Data may not add to totals because of rounding. [2] Includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. [3] Includes salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0-inches diameter at 4½ feet above ground, tops, and roundwood harvested from nonforest land (for example, fence rows). [4] Includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal and export logs. [5] Downed and dead wood volume left on the ground after trees have been cut on timberland. [6] Net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; excludes stumps and limbs. [7] Unutilized wood volume from cut or otherwise killed growing stock, from nongrowing stock sources on timberland (for example, precommercial thinnings), or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to reserved timberland.

No update availabe until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-33.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 1991 [1]

Region	Growth [2]			Removals [3]			Mortality [4]		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	Million cubic feet	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*
Northeast	3,093	714	2,379	1,319	500	820	782	281	501
North Central	2,269	500	1,769	1,468	242	1,226	786	166	621
North	5,362	1,214	4,148	2,787	742	2,046	1,568	447	1,122
Southeast	4,323	2,378	1,945	4,171	2,761	1,410	1,180	639	541
South Central	5,509	2,722	2,786	4,781	3,057	1,724	1,028	428	600
South	9,832	5,100	4,731	8,952	5,818	3,134	2,208	1,067	1,141
Great Plains	98	47	51	51	35	16	27	8	19
Intermountain	2,074	1,938	136	776	762	14	661	597	64
Rocky Mountains	2,172	1,985	187	827	797	30	688	605	83
Alaska	270	173	97	240	235	5	206	196	10
Pacific Northwest	2,904	2,566	338	2,594	2,477	116	605	493	111
Pacific Southwest [5]	1,087	935	151	908	886	22	205	184	21
Pacific Coast	4,261	3,674	586	3,742	3,598	143	1,016	873	142
All regions	21,627	11,973	9,652	16,308	10,955	5,353	5,480	2,992	2,488

[1] Data may not add to totals because of rounding. [2] The net increase in the volume of trees during a specified year. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year. [3] The net volume of trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing. [4] The volume of sound wood in trees that died from natural causes during a specified year. [5] Includes Hawaii.

No update until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-34.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 1992 [1]

Species	Total West	Intermountain	Alaska	Pacific Northwest	Pacific Southwest [2]
	Million board feet	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*
Softwoods:					
Douglas-fir	528,557	94,599	.....	348,073	85,886
Ponderosa and Jeffrey pines	199,516	77,099	.....	62,463	59,953
True fir	211,657	57,029	10	68,232	86,386
Western hemlock	169,373	4,528	53,668	110,979	198
Sugar pine	25,539	22	.....	3,377	22,141
Western white pine	13,599	6,740	.....	4,418	2,442
Redwood	30,210	.....	.....	606	29,605
Sitka spruce	58,792	.....	47,812	10,786	194
Engelmann and other spruces	92,159	62,576	22,848	6,623	111
Western larch	28,931	17,209	.....	11,721	.....
Incense cedar	14,621	27	.....	1,185	13,408
Lodgepole pine	74,763	54,937	157	14,124	5,544
Other	66,197	14,861	21,121	27,770	2,444
Total	1,513,914	389,629	145,616	670,357	308,312
Hardwoods:					
Cottonwood and aspen	20,713	12,430	4,769	3,460	54
Red alder	27,170	.....	81	26,709	381
Oak	12,247	.....	.....	1,068	11,180
Other	23,827	29	3,059	10,377	10,362
Total	83,958	12,458	7,909	41,614	21,977
All species	1,597,871	402,087	153,524	711,972	330,288

[1] International ¼-inch rule. Data may not add to totals because of rounding. [2] Includes Hawaii.

No update available until 1999.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-35.—Timber volume: Net volume of sawtimber on timberland in the East, by regions and species, Jan. 1, 1992 [1]

Species	Total East	North			South			Great Plains
		Total	Northeast	North Central	Total	Southeast	South Central	
	Million board feet	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*
Softwoods:								
Longleaf and slash pines	54,206	.....	.....	.....	54,206	35,169	19,037	.....
Loblolly and shortleaf pines	271,424	4,463	1,990	2,473	266,961	94,215	172,746	.....
Other yellow pines	33,123	4,486	3,607	879	28,637	19,384	9,253	.....
White and red pines	55,581	46,988	29,192	17,796	8,593	7,312	1,281	.....
Jack pine	4,542	4,534	.....	4,534	.....	.....	.....	8
Spruce and balsam fir	37,969	37,651	28,056	9,595	80	80	.....	238
Eastern hemlock	25,673	22,995	18,916	4,079	2,678	1,852	826	.....
Cypress	25,346	133	16	117	25,213	15,683	9,530	.....
Other	24,773	15,698	5,275	10,423	2,375	997	1,378	6,700
Total	532,636	136,947	87,051	49,896	388,744	174,692	214,052	6,945
Hardwoods:								
Select white oaks	88,875	38,135	13,335	24,800	49,986	21,308	28,678	754
Select red oaks	76,870	47,751	28,886	18,865	28,844	11,610	17,234	275
Other white oaks	54,297	15,462	10,933	4,529	38,774	17,088	21,686	61
Other red oaks	127,046	34,871	16,408	18,463	92,037	36,665	55,372	138
Hickory	47,992	15,703	6,555	9,148	32,141	10,339	21,802	148
Yellow birch	11,795	11,560	9,534	2,026	235	223	12	.....
Hard maple	55,746	50,973	32,499	18,474	4,765	1,210	3,555	8
Soft maple	65,345	48,944	34,938	14,006	16,228	11,864	4,364	173
Beech	29,479	20,134	16,477	3,657	9,345	3,023	6,322	.....
Sweetgum	46,249	1,903	1,389	514	44,346	19,948	24,398	.....
Tupelo and black gum	33,578	1,518	1,150	368	32,060	21,143	10,917	.....
Ash	27,986	15,184	5,090	10,094	12,294	4,947	7,347	508
Basswood	12,644	10,545	2,809	7,736	1,999	1,072	927	100
Yellow-poplar	75,788	22,826	17,004	5,822	52,962	33,398	19,564	.....
Cottonwood and aspen	33,060	27,878	1,239	26,639	3,646	418	3,228	1,536
Black walnut	4,525	2,902	659	2,243	1,297	481	816	326
Black cherry	13,713	12,526	9,556	2,970	1,183	412	771	4
Other	56,052	23,764	7,098	16,666	30,746	10,558	20,188	1,542
Total	861,036	402,579	215,557	187,022	452,887	205,708	247,179	5,570
All species	1,393,672	539,526	302,608	236,918	841,631	380,400	461,231	12,515

[1] International ¼-inch rule. Data may not add to totals because of rounding.

No update available until 1999.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-36.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1997

State or other area	Gross acreage	National Forest System acreage [1]	Other acreage [2]
	1,000 acres	*1,000 acres*	*1,000 acres*
AL	1,290	665	625
AK	24,271	21,969	2,302
AZ	11,889	11,252	637
AR	3,530	2,577	953
CA	24,424	20,647	3,777
CO	16,058	14,508	1,550
CT	0	0	0
FL	1,418	1,147	271
GA	1,847	865	982
HI	0	0	0
ID	21,688	20,461	1,227
IL	846	278	568
IN	647	196	451
KS	116	108	8
KY	2,110	693	1,417
LA	1,025	604	421
ME	93	53	40
MI	4,898	2,857	2,041
MN	5,477	2,837	2,640
MS	2,312	1,158	1,154
MO	3,064	1,494	1,570
MT	19,116	16,877	2,239
NE	442	352	90
NV	6,285	5,824	461
NH	827	725	102
NM	10,367	9,327	1,040
NY	16	16	0
NC	3,169	1,244	1,925
ND	1,106	1,106	.....
OH	841	227	614
OK	555	392	163
OR	17,503	15,656	1,847
PA	743	513	230
SC	1,376	612	764
SD	2,272	2,013	259
TN	1,215	634	581
TX	1,994	755	1,239
UT	9,203	8,113	1,090
VT	827	366	461
VA	3,230	1,657	1,573
WA	10,074	9,177	897
WV	1,870	1,033	837
WI	2,025	1,521	504
WY	9,693	9,248	445
PR	56	28	28
VI	0	0	0
Total	231,808	191,785	40,023

[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 12-37.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1988–97

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*
1988	12,649	1,239,788	2,031	1,242,988
1989	11,951	1,309,732	2,239	1,313,186
1990	10,500	1,187,618	2,580	1,191,209
1991	8,475	1,008,586	2,747	1,012,342
1992	7,290	934,504	2,655	937,991
1993	5,917	914,646	2,791	918,225
1994	4,815	783,038	3,138	796,926
1995	3,866	616,117	2,935	619,732
1996	3,725	544,349	3,262	619,732
1997	3,285	497,957	3,262	619,732

[1] Fiscal years Oct. 1–Sept. 30. [2] Commercial and cost sales and land exchanges. [3] Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930. [4] Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-38.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1988–97

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*
1988	888,374	8,738	83,050	980,162
1989	909,517	10,950	130,349	1,050,816
1990	849,468	10,419	111,500	971,387
1991	667,073	11,457	93,114	771,644
1992	520,003	10,780	83,505	614,288
1993	425,105	10,518	67,955	503,578
1994	431,615	11,056	72,196	514,867
1995	303,046	8,756	74,943	386,745
1996	195,000	7,352	71,183	273,535
1997	197,194	6,972	80,588	284,754

[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 12-39.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1995–97 [1] [2]

State or other areas	1995	1996	1997	State or other areas	1995	1996	1997
	1,000 dollars	*1,000 dollars*	*1,000 dollars*		*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,468	2,050	964	NH	485	510	440
AK	7,601	5,906	1,187	NM	1,103	653	923
AZ	3,182	1,632	2,215	NY	6	6	6
AR	4,938	6,648	5,954	NC	942	692	654
CA	43,046	36,158	33,963	ND	(3)	(3)	(3)
CO	5,584	5,956	4,388	OH	16	11	16
FL	1,334	1,066	1,000	OK	644	883	1,017
GA	759	908	697	OR	109,647	95,239	92,243
ID	15,031	17,458	14,267	PA	5,362	6,207	5,998
IL	33	28	17	SC	1,359	960	1,292
IN	14	7	26	SD	2,840	2,350	3,814
KY	311	494	433	TN	442	319	440
LA	2,175	2,736	2,949	TX	2,893	4,337	2,264
ME	33	35	30	UT	1,553	1,831	1,599
MI	2,505	2,384	2,759	VT	178	257	226
MN	2,977	3,179	2,922	VA	997	822	790
MS	7,224	8,276	4,919	WA	30,089	29,429	28,425
MO	1,170	1,232	1,149	WV	1,404	1,861	1,624
MT	10,556	9,383	8,558	WI	1,328	1,621	1,861
NE	37	31	32	WY	1,881	1,844	1,849
NV	322	299	388	PR	15	21	23
				Total	273,484	255,719	234,321

[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 12-40.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1988–97

Year	Number grazed [1]		Receipts from grazing [2]
	Cattle, horses, and burros	Sheep and goats	
	Thousands	*Thousands*	*1,000 dollars*
1988	1,313	1,067	8,738
1989	1,526	972	10,950
1990	1,236	958	10,419
1991	1,265	1,029	11,457
1992	1,408	1,183	10,780
1993	1,318	1,111	10,518
1994	1,229	941	11,056
1995	1,227	940	8,756
1996	1,174	868	7,352
1997	1,225	932	6,972

[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 12-41.—Livestock on National Forest System lands: Number grazed and grazing receipts for fiscal year 1997, 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	794,912	88,730	1,647,141.56
AR	11,467	0	39,044.80
CA	330,105	146,392	592,633.14
CO	643,053	445,716	1,310,956.54
FL	1,044	0	18,885.00
GA	5,540	0	8,080.13
ID	448,138	546,942	977,513.91
IL	101	0	166.63
KS	34	0	0.00
KY	36,580	0	25,700.98
LA	8,018	0	25,718.78
MI	1,752	0	1,557.46
MN	41	0	136.41
MS	2,213	0	3,426.08
MO	26,850	0	27,154.21
MT	430,959	49,374	820,928.80
NE	90,961	0	158,367.34
NV	174,347	166,744	402,126.96
NM	639,877	59,079	1,235,863.58
NY	7,751	0	56.79
ND	389,671	0	443,840.30
OH	709	0	961.38
OK	19,934	0	28,620.18
OR [3]	338,005	99,126	618,786.04
SD	341,585	19,503	547,594.81
TX	32,544	0	97,788.34
UT	336,877	513,261	836,937.32
VT	108	0	0.00
VA	8,160	0	10,694.21
WA	66,825	37,004	169,044.36
WV	5,728	321	18,585.00
WY	427,005	360,103	709,486.02
National forests	5,621,197	2,532,295	9,464,412.41
National grasslands and land utilization project land	.....	.....	1,314,322.64
Total	5,621,197	2,532,295	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 12-42.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1988–97

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.*
1988	256.00	141.90	182.10	162.90	151.30	146.30	108.40
1989	389.80	131.40	292.00	223.30	135.80	178.90	128.60
1990	466.40	126.70	252.20	203.00	146.10	188.30	135.30
1991	395.00	166.10	237.60	164.10	160.10	163.60	120.70
1992	477.20	198.40	292.30	164.60	166.60	211.20	144.60
1993	317.75	217.21	535.17	363.66	264.06	194.57	219.52
1994	652.36	265.85	291.35	334.80	352.07	317.40	313.37
1995	453.54	248.49	149.94	297.09	313.92	296.59	285.57
1996	453.04	251.05	269.97	289.30	312.57	264.44	213.20
1997	331.40	307.30	270.20	211.30	286.88	264.50	357.12

[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 12-43.—National Forest System lands: Number of visitor-days, 1986–96, by activity, States, and Puerto Rico, 1996 [1]

Year and activity	Visitor-days	Percent	1996			
			State or other area	Visitor-days	State or other area	Visitor-days
	Thousands			*Thousands*		*Thousands*
			AL	689	NH	3,354
1986	226,533		AK	6,962	NM	9,326
1987	238,458		AZ	35,000	NY	39
1988	242,316		AR	2,210	NC	6,979
1989	252,495		CA	71,165	ND	133
1990	263,051		CO	30,971	OH	524
1991	278,849		FL	2,960	OK	393
1992	287,690		GA	2,925	OR	37,029
1993	295,473		ID	15,365	PA	3,268
1994	330,348		IL	1,188	SC	1,011
1995	345,083		IN	684	SD	3,571
1996	341,200		KS	86	TN	3,309
1996 activity:			KY	2,326	TX	2,302
Mechanized travel and viewing scenery	122,141	35.8	LA	599	UT	19,378
Camping, picnicking and swimming	87,082	25.5	ME	158	VT	1,395
Hiking, horseback riding and water travel	33,099	9.7	MI	4,866	VA	4,927
Winter sports	19,708	5.8	MN	5,982	WA	24,797
Hunting	19,384	5.7	MS	1,828	WV	1,499
Resorts, cabins and organization camps	17,702	5.2	MO	2,518	WI	2,527
Fishing	18,160	5.3	MT	13,495	WY	9,114
Nature studies	3,299	1.0	NE	320	PR	171
Other [2]	20,627	6.0	NV	3,857		
Total [3]	341,200	100.0			Total [3]	341,200

[1] Recreational use of national forest land and water that aggregates 12 visitor-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Fiscal years Oct. 1–Sept. 30. [2] Includes team sports, gathering forest products, attending talks and programs, and other uses. [3] Data may not add to total because of rounding.

FS, Timber Demand and Technology Assessment, RWU -4851 (608) 231–9376.

Table 12-44.—Timber products: Production, imports, exports, and consumption, United States, 1988–97 [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]
1988	6,920	2,225	720	8,425	1,630	165	100	1,695	4,885	2,045	1,345	5,585
1989	7,206	2,206	628	8,785	1,406	115	98	1,423	4,875	1,017	639	5,253
1990	6,892	1,890	564	8,219	1,368	96	110	1,354	4,645	949	648	4,967
1991	6,444	1,695	593	7,546	1,216	83	95	1,204	4,844	929	741	5,032
1992	6,793	1,944	537	8,200	1,265	100	107	1,168	4,980	930	802	5,108
1993	6,636	2,223	506	8,353	1,257	101	101	1,257	4,899	995	736	5,157
1994	7,323	2,420	482	9,261	1,310	94	87	1,317	5,418	1,151	782	5,787
1995	7,034	2,556	461	9,129	1,297	108	91	1,314	5,536	1,232	897	5,870
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]
1988	510	15	825	215	14,985	4,445	3,200	16,230	3,360	18,345	19,590
1989	510	6	753	123	14,664	3,455	2,244	16,694	3,041	18,580	19,735
1990	516	4	674	123	14,124	3,054	2,103	15,825	3,019	17,941	18,844
1991	512	2	601	179	13,741	2,807	2,218	15,064	3,029	17,550	18,092
1992	526	7	525	220	14,384	3,095	2,196	15,987	3,043	18,171	19,031
1993	525	15	460	195	14,189	3,470	2,005	16,268	3,083	17,928	19,352
1994	556	18	429	212	14,607	3,710	1,992	16,922	3,134	18,381	20,056
1995	567	13	451	249	14,434	3,965	2,149	16,881	3,194	18,327	20,074
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 12-45.—Lumber: Production, United States, 1988–97

Year	Total	Softwoods	Hardwoods
	Million bd. ft.	*Million bd. ft.*	*Million bd. ft.*
1988	49,576	38,130	11,446
1989	48,533	37,545	10,988
1990	46,495	35,791	10,704
1991	43,374	33,161	10,213
1992	45,736	34,526	11,210
1993	45,117	33,346	11,771
1994	43,743	32,725	11,018
1995	44,400	31,966	12,434
1996	46,778	33,932	12,846
1997	47,400	34,500	12,900

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. From data published by the American Forest and Paper Association.

Table 12-46.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1988–97 [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*
1988	94,495	63,798	78,299	85,718	700
1989	98,287	62,598	78,573	85,373	690
1990	98,154	63,649	80,445	86,796	695
1991	97,605	64,237	81,234	85,071	673
1992	102,939	65,943	84,701	88,273	691
1993	105,356	63,505	86,693	91,538	709
1994	105,995	65,095	91,109	95,930	736
1995	95,000	65,789	91,369	96,079	731
1996	90,439	64,191	92,054	94,350	711
1997	90,120	64,254	95,127	99,637	744

[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 12-47.—Timber products: Producer price indexes, selected products, United States, 1988–97

[1982=100]

Year	Lumber	Softwood plywood	Woodpulp	Paper	Paperboard
1988	92.5	74.2	114.1	100.1	99.1
1989	90.8	84.5	131.4	105.3	104.2
1990	86.8	81.4	126.3	104.6	101.0
1991	86.9	82.2	99.5	103.1	96.9
1992	100.0	100.0	100.0	100.0	100.0
1993	125.0	115.4	87.0	100.6	96.7
1994	127.0	120.3	97.2	102.2	104.3
1995	112.6	128.0	152.9	129.2	136.2
1996	114.2	118.3	111.7	121.4	116.1
1997	123.7	119.3	107.2	116.8	107.7

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 12-48.—Timber products: Structual panels, LVL, and lumber production, United States, 1988–97

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*
1988	0.31	4.07	20.42	1.72	18.2	64.8
1989	0.34	4.52	18.94	1.72	17.7	63.8
1990	0.45	4.79	18.32	1.68	17.0	60.8
1991	0.51	4.97	16.55	1.70	16.0	56.4
1992	0.57	5.89	17.11	1.89	16.8	58.7
1993	0.71	6.20	17.09	2.05	25.0	56.0
1994	0.79	6.67	16.87	2.21	26.0	58.0
1995	0.98	6.99	17.14	1.96	29.3	54.8
1996	1.12	8.24	16.98	2.17	30.2	57.7
1997	1.08	9.32	15.90	2.45	30.4	58.7

[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, 1989–98

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	Millions	*Millions*		*Millions*	*Millions*
1989	244.0	245.1	1994	257.7	258.9
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	266.4
1993	255.0	256.3	1998	267.7	268.8

ERS, Food Assistance, Poverty, and Well-Being 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.

Center for Nutrition Policy and Promotion (CNPP), (202) 606–4839.

Table 13-3.—Food nutrients: Percentage of total contributed by major food groups, 1970 [1]

Nutrient	Meat, poultry, fish	Dairy [3] products	Eggs	Fats,[4] oils	Fruits		
					Citrus	Non- citrus	Total [6]
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Food energy	19.8	10.6	2.0	17.8	0.9	2.1	2.9
Carbohydrate	0.1	6.4	0.1	0.0	1.8	4.3	6.1
Protein	40.3	21.2	5.7	0.1	0.5	0.7	1.2
Total fat	34.6	12.6	2.8	42.7	0.1	0.3	0.4
Saturated fat	37.2	22.3	2.5	32.7	(2)	0.2	0.2
Monounsaturated fat	37.4	8.8	2.6	45.0	(2)	0.3	0.3
Polyunsaturated fat	20.2	2.6	2.3	62.9	0.1	0.4	0.5
Cholesterol	39.8	15.2	39.3	5.7	0.0	0.0	0.0
Vitamin A (retinol equivalents)	29.3	17.0	5.5	13.0	0.5	2.6	3.1
Carotene (retinol equivalents)	0.0	3.2	0.0	3.5	1.5	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.

Center for Nutrition Policy and Promotion, (202) 606–4839.

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.

Center for Nutrition Policy and Promotion, (202) 606–4839.

Table 13-5.—Consumption: Per capita consumption of major food commodities, United States, 1989–97 [1]

Commodity	1989	1990	1991	1992	1993	1994	1995	1996	1997 [2]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Poun ds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Red meats [3 4]	115.9	112.3	111.9	114.1	112.2	114.8	115.1	112.8	111.0
Beef	65.4	63.9	63.1	62.8	61.5	63.6	64.4	65.0	63.8
Veal	1.0	0.9	0.8	0.8	0.8	0.8	0.8	1.0	0.9
Lamb and mutton	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
Pork	48.4	46.4	46.9	49.5	48.9	49.6	49.0	45.9	45.6
Fish [3]	15.6	15.0	14.8	14.7	14.9	15.1	14.9	14.7	14.5
Canned	5.1	5.1	4.9	4.6	4.5	4.5	4.7	4.5	4.4
Fresh and frozen	10.2	9.6	9.7	9.8	10.1	10.3	9.9	9.9	9.8
Cured	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Poultry [3 4]	53.9	56.3	58.3	60.8	62.5	63.3	62.9	64.4	64.8
Chicken	40.9	42.4	44.2	46.7	48.5	49.3	48.8	49.8	50.9
Turkey	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9
Eggs [4]	30.5	30.2	30.1	30.3	30.4	30.6	30.2	30.5	30.7
Dairy products: [5]									
Total dairy products	563.8	568.4	565.6	565.9	574.1	586.0	584.4	575.5	579.8
Fluid milk and cream	236.2	233.4	233.1	230.5	225.7	226.3	223.3	223.6	221.1
Plain and flavored whole milk	97.5	90.4	87.3	84.0	80.1	78.8	75.3	74.6	72.7
Plain reduced fat and light milk (2%, 1%, and 0.5%)	96.3	98.3	99.7	99.2	96.7	96.0	92.5	91.2	89.2
Plain fat free milk (skim)	20.2	22.9	23.9	25.0	26.7	28.8	31.9	33.7	34.4
Flavored lower fat fat free milk	6.5	6.6	6.8	6.9	6.9	7.1	7.3	7.9	8.1
Buttermilk	3.7	3.5	3.4	3.2	3.0	3.0	2.8	2.7	2.6
Eggnog	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
Yogurt (excl. frozen)	4.2	4.0	4.2	4.2	4.3	4.7	5.1	4.8	5.1
Heavy cream, light cream and half and half	4.8	4.6	4.6	4.8	4.9	4.9	5.1	5.4	5.7
Sour cream and dip	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0
Cheese (excluding cottage) [6]	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0
American	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0
Cheddar	9.2	9.0	9.1	9.2	9.1	9.1	9.1	9.2	9.6
Italian	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0
Mozzarella	6.4	6.9	7.2	7.7	7.6	7.9	8.1	8.5	8.4
Cottage cheese	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7
Condensed and evaporated milk	7.8	7.9	8.2	8.5	8.2	8.1	6.9	6.4	6.6
Ice cream	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.2
Fats and oils [7]	60.8	62.8	65.4	67.4	70.2	68.6	66.9	65.8	65.6
Butter	4.4	4.4	4.4	4.4	4.7	4.8	4.5	4.3	4.2
Margarine	10.2	10.9	10.6	11.0	11.1	9.9	9.2	9.2	8.6
Shortening	21.5	22.2	22.4	22.4	25.1	24.1	22.5	22.3	20.9
Lard (direct use)	1.8	1.9	1.7	1.7	1.7	2.3	2.2	2.3	2.3
Edible tallow (direct use)	0.3	0.5	1.4	2.4	2.2	2.4	2.7	3.0	2.4
Salad and cooking oils	24.4	24.8	26.7	27.2	26.8	26.3	26.9	26.1	28.7
Fruits and vegetables [4 8]	657.3	656.3	660.5	661.1	685.1	689.1	690.4	706.1	710.8
Fruits	279.1	273.5	266.6	268.0	285.4	284.3	285.4	289.8	294.7
Fresh	122.8	116.3	113.0	123.5	124.9	126.5	124.6	129.0	133.2
Citrus	23.6	21.4	19.1	24.4	26.0	25.0	24.1	24.9	26.8
Noncitrus	99.3	95.0	93.9	99.1	98.9	101.5	100.5	104.1	106.4
Processing	156.3	157.1	153.6	144.5	160.5	157.8	160.8	160.8	161.5
Citrus	88.2	87.1	86.0	74.4	89.9	87.8	94.4	94.0	95.1
Noncitrus	68.1	70.0	67.6	70.1	70.6	70.0	66.5	66.9	66.4
Vegetables	378.2	382.8	393.9	393.2	399.8	404.8	405.0	416.2	416.0
Fresh	172.2	167.2	167.2	171.1	171.9	177.4	175.1	181.8	185.6
Processing	206.0	215.6	226.6	222.1	227.9	227.4	229.9	234.5	230.4
Flour and cereal products [4]	174.5	182.0	183.6	186.2	191.0	194.0	192.5	198.4	200.1
Wheat flour [9]	129.6	136.0	136.9	138.8	143.3	144.5	141.8	148.8	149.7
Rice (milled basis)	15.2	16.2	16.8	17.5	17.6	19.2	20.1	18.9	19.5
Corn products	21.8	21.9	22.0	22.1	22.3	22.5	22.7	22.9	23.1
Oat products	6.4	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, 1988–97 [1]—Continued

Commodity	1989	1990	1991	1992	1993	1994	1995	1996	1997 [2]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Barley and rye products	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Caloric sweeteners (dry weight basis) [4]	133.1	137.0	137.9	141.2	144.4	147.4	149.9	150.7	154.1
Sugar (refined)	62.8	64.4	63.8	64.6	64.4	65.0	65.5	66.6	66.5
Corn sweeteners [10]	69.0	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	1.4
Other:.									
Coffee (green bean equivalent)	10.1	10.3	10.3	10.0	9.1	8.2	8.0	8.9	9.3
Cocoa (chocolate liquor equivalent) [11]	4.0	4.3	4.6	4.6	4.3	3.9	3.6	4.2	4.1
Tea (dry leaf equivalent)	0.7	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.8
Peanuts (shelled)	7.0	6.0	6.5	6.2	6.0	5.8	5.7	5.7	5.8
Tree nuts (shelled)	2.2	2.4	2.2	2.2	2.4	2.3	1.9	2.0	2.2

[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 fts 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.

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, 1970-97, ERS, USDA, 1999.

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 1998 [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	15.00	18.50	21.70	26.30	65.00	80.20	94.00	114.00
3-5 years	16.30	20.30	25.10	30.10	70.60	88.00	108.80	130.40
6-8 years	20.20	27.00	33.60	39.10	87.50	117.00	145.60	169.40
9-11 years	24.00	30.60	39.10	45.30	104.00	132.60	169.40	196.30
Male:.								
12-14 years	24.90	34.60	42.80	50.40	107.90	149.90	185.50	218.40
15-19 years	25.60	35.60	44.40	51.30	110.90	154.30	192.40	222.30
20-50 years	27.60	35.50	44.30	53.70	119.60	153.80	192.00	232.70
51 years and over	24.90	33.90	41.70	50.10	107.90	146.90	180.70	217.10
Female:.								
12-19 years	24.70	29.80	36.10	43.70	107.00	129.10	156.40	189.40
20-50 years	24.90	31.10	37.90	48.60	107.90	134.80	164.20	210.60
51 years and over	24.40	30.10	37.50	44.90	105.70	130.40	162.50	194.60
Families:.								
Family of 2 [3]:.								
20-50 years	57.80	73.30	90.40	112.50	250.30	317.50	391.80	487.60
51 years and over	54.20	70.40	87.10	104.50	235.00	305.00	377.50	452.90
Family of 4:.								
Couple, 20-50 years and children.								
1-2 and 3-5 years	83.80	105.4	129.00	158.70	363.10	456.80	559.00	687.70
6-8 and 9-11 years	96.70	124.2	154.90	186.70	419.00	538.20	671.20	809.00

[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 1988–97

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*
1988	18,645	11,149,051	12,356,346	49.83
1989	18,806	11,700,525	12,932,334	51.85
1990	20,067	14,186,825	15,491,078	58.91
1991	22,625	17,338,697	18,769,080	63.86
1992	25,406	20,905,655	22,462,352	68.57
1993	26,982	22,006,031	23,652,972	67.96
1994	27,468	22,748,559	24,492,689	69.01
1995	26,619	22,765,478	24,620,954	71.27
1996	25,540	22,440,821	24,330,819	73.22
1997 [4]	22,854	19,547,910	21,479,535	71.27

[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), and transfers to other Federal agencies to offset their expenses in auditing or investigating the program (FY 1988 only). [4] Preliminary.

FCS, Program Information 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 1988–97 [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*
1988	2,916,193	473,597	583,757	132,044	852,812	1,797,509	18,724	1,073,100
1989	3,005,580	513,153	670,429	143,773	790,932	1,910,898	18,493	730,501
1990	3,213,960	596,222	788,104	162,025	644,319	2,122,219	19,167	732,024
1991	3,524,717	685,010	919,332	179,020	727,511	2,301,071	19,789	696,844
1992	3,586,460	786,653	1,065,077	201,519	738,819	2,596,655	19,537	709,762
1993	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	4,466,811	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 [9]	4,934,155	1,214,277	1,513,960	242,374	661,300	3,844,382	17,438	514,955

[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 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 1997 [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	25,841	4,450	42	99,905	22,336	46,326	15,087	392,822	2,914	609,724
Alaska	4,681	11	3	14,712	2,193	11,285	1,271	52,222	368	86,747
Am. Samoa	0	0	0	0	0	3,051	0	0	0	3,051
Arizona	29,310	3,398	179	89,108	23,151	57,504	27,173	315,872	2,550	548,245
Arkansas	14,113	1,678	26	57,447	17,672	32,634	10,599	213,707	1,379	349,254
California	164,743	16,937	831	662,551	175,546	485,895	86,025	2,371,676	18,596	3,982,801
Colorado	21,688	1,481	146	47,646	7,781	27,304	13,775	182,026	1,639	303,485
Connecticut	9,868	2,050	505	38,500	8,891	24,370	7,297	169,947	805	262,234
Delaware	7,450	924	51	10,470	2,779	5,631	2,495	41,325	314	71,439
District of Col.	2,746	1,352	12	13,532	3,183	6,637	4,336	91,057	572	123,428
Florida	49,034	18,918	138	278,686	70,951	138,978	37,438	1,061,176	8,266	1,663,585
Georgia	39,714	7,648	42	182,163	58,236	80,092	30,028	597,073	4,109	999,104
Guam	190	0	0	2,824	909	3,774	588	27,184	81	35,551
Hawaii	3,972	281	8	23,519	5,264	18,034	3,437	188,853	551	243,919
Idaho	3,786	697	218	20,903	3,294	10,031	4,559	53,339	516	97,343
Illinois	54,348	10,720	2,756	196,575	31,118	101,543	36,033	933,346	6,895	1,373,333
Indiana	20,681	1,577	348	76,328	16,008	46,461	17,175	292,964	2,786	474,328
Iowa	13,459	604	176	43,533	7,239	23,488	12,780	124,851	1,091	227,221
Kansas	26,746	804	147	42,882	9,665	20,436	12,003	111,576	1,410	225,670
Kentucky	15,623	2,751	110	85,747	27,526	45,507	15,172	371,633	2,424	566,493
Louisiana	36,197	5,454	56	132,447	40,111	59,116	34,426	512,269	3,919	823,994
Maine	9,709	662	123	16,692	3,253	8,821	3,079	103,266	1,004	146,609
Maryland	27,081	2,564	431	67,062	14,699	34,863	11,938	319,509	2,363	480,509
Massachusetts	33,354	3,315	532	74,545	17,293	38,375	17,202	262,265	2,590	449,471
Michigan	47,477	3,750	962	123,720	27,713	82,192	42,486	677,636	5,690	1,011,626
Minnesota	54,785	2,608	1,082	62,909	11,570	33,106	19,998	192,182	2,182	380,423
Mississippi	18,475	3,074	9	92,222	29,607	36,446	13,245	313,250	2,364	508,691
Missouri	27,144	3,628	467	86,910	23,061	49,635	18,667	400,712	3,063	613,287
Montana	7,228	358	47	13,428	2,511	7,868	6,040	55,414	487	93,381
Nebraska	21,261	489	224	26,490	3,973	12,783	10,533	71,974	650	148,375
Nevada	2,889	1,403	149	19,993	5,373	12,511	4,536	73,919	656	121,429
New Hampshire	2,499	270	240	10,641	1,976	5,881	5,544	35,012	475	62,538
New Jersey	23,504	5,383	983	101,817	14,108	53,973	18,002	448,931	3,812	670,512
New Mexico	25,424	5,049	5	44,074	12,137	21,335	12,499	168,046	1,379	289,949
New York	92,196	36,644	1,204	366,934	85,022	202,314	68,297	1,774,783	9,807	2,637,200
North Carolina	42,214	3,103	148	141,004	41,376	65,989	24,921	478,122	3,372	800,250
North Dakota	9,185	229	70	9,726	1,432	6,959	5,815	29,119	323	62,858
Ohio	41,655	3,517	977	145,208	30,412	83,182	30,189	743,914	6,547	1,085,602
Oklahoma	24,654	1,790	85	68,414	19,694	37,399	26,366	255,513	1,816	435,731
Oregon	24,379	1,479	217	43,155	12,580	32,428	8,789	215,762	1,473	340,262
Pennsylvania	31,319	12,499	855	156,809	30,200	97,766	32,922	864,946	6,643	1,233,959
Puerto Rico [6]	15,112	2,823	0	105,286	24,093	114,213	11,348	0	5,005	277,880
Rhode Island	3,114	1,098	125	13,988	1,952	7,927	2,731	69,660	432	101,028
South Carolina	17,299	6,310	33	88,730	28,323	40,763	12,178	280,831	1,827	476,294
South Dakota	6,146	656	45	14,925	2,658	8,086	9,894	38,548	368	81,326

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 1997 [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	25,562	4,528	40	99,739	27,641	59,217	20,011	474,606	3,530	714,874
Texas	98,406	17,091	113	486,399	138,235	210,507	67,775	1,764,540	12,243	2,795,310
Utah	25,001	1,689	77	34,931	4,625	20,769	7,772	78,293	786	173,942
Vermont	3,822	217	100	7,238	1,729	6,278	1,892	40,090	270	61,636
Virginia	21,599	2,884	344	96,428	23,653	50,297	17,807	379,397	2,433	594,843
Virgin Islands	684	339	4	4,312	177	4,607	500	24,859	69	35,550
Washington	29,810	2,433	285	77,021	18,379	56,628	15,091	386,936	3,033	589,616
West Virginia	8,138	1,328	31	35,726	12,705	20,077	6,137	239,064	1,053	324,260
Wisconsin	22,601	1,891	1,621	65,084	6,982	39,763	17,671	158,437	2,141	316,189
Wyoming	4,186	56	15	7,631	1,277	4,241	2,947	23,453	267	44,072
Outlying Areas [6]	0	0	0	0	0	0	73	0	0	73
Dpt. of Defense	0	0	0	5,485	3	0	420	0	0	5,908
United States	1,392,097	216,890	17,438	4,934,155	1,214,277	2,815,294	947,013	19,547,910	151,338	31,236,412

[1] Preliminary. Excludes all administrative and program evaluation costs. [2] Excludes $2.6 million for the Nutrition Education and Training Program, $9.9 million for the School Meals Initiative for Healthy Children, and $2.1 million for the Homeless Children Nutrition Program. [3] Excludes $6.9 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 $1,174 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 Division, (703) 305–2163.

Table 13-10.—Food and Nutrition Service Programs: Persons participating, fiscal years 1988–97 [1]

Fiscal year	National School Lunch Program	School Breakfast Program [1]	Child and Adult Care Program [2]	WIC Program [3]
	Thousands	*Thousands*	*Thousands*	*Thousands*
1988	24,210	3,681	1,256	3,593
1989	24,258	3,813	1,367	4,118
1990	24,133	4,069	1,490	4,517
1991	24,158	4,437	1,642	4,893
1992	24,606	4,918	1,872	5,403
1993	24,855	5,358	1,977	5,921
1994	25,281	5,835	2,187	6,477
1995	25,685	6,318	2,354	6,894
1996	25,944	6,584	2,415	7,188
1997 [4]	26,346	6,924	2,474	7,407

[1] Average monthly participation (excluding summer months). [2] Average daily attendance (data reported quarterly). [3] WIC is an abbreviation for the Special Supplemental Food Program for Women, Infants and Children. Data are average monthly participation. [4] Preliminary.

FNS, Program Information Division, (703) 305–2163.

Table 13-11.—Consumers' prices: Index number of prices paid for goods and services, United States, 1989–98 [1]

[1982–84=100]

Year	Food	Nonfood items					All items
		Apparel and upkeep	Housing		Transportation	Medical care	
			Total	Rent			
1989	125.1	118.6	123.0	138.0	114.1	149.3	124.0
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

[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 1989 available from U.S. Department of Labor.

ERS, Food Markets Branch, (202) 694–5373. Compiled from data of the U.S. Department of Labor.

Table 13-12.—Food service: Sales by industry segment, 1991–97 [1]

Industry segment	1991 [2]	1992 [2]	1993 [2]	1994 [2]	1995 [2]	1996 [2]	1997 [3]
	Million dollars						
Commercial:							
Separate eating places—							
Fast-food outlets	75,845	80,015	86,336	88,820	92,280	94,068	96,811
Restaurants and lunchrooms	71,733	72,275	74,751	77,612	77,654	79,896	83,079
Cafeterias	3,616	3,644	3,769	3,913	3,915	4,028	4,188
Social caterers	1,372	1,222	1,280	1,316	1,529	1,692	1,780
Total	152,566	157,156	166,136	171,661	175,378	179,684	185,858
Lodging places	10,373	10,979	11,319	11,983	12,589	13,308	14,501
Retail hosts	10,656	11,399	12,374	13,412	14,778	15,880	16,704
Recreation and entertainment	6,750	7,502	8,053	8,491	9,221	9,980	10,515
Separate drinking places	1,587	1,639	1,615	1,560	1,657	1,743	1,797
Commercial feeding total	181,932	188,675	199,497	207,107	213,623	220,595	229,375
Noncommercial:							
Elementary and secondary	8,498	8,977	9,771	10,303	10,689	11,187	11,564
Colleges and universities	8,752	9,247	9,737	10,400	10,920	11,212	11,580
Total	17,250	18,224	19,508	20,703	21,609	22,399	23,144
Military services—							
Troop feeding	1,048	1,016	984	1,112	1,128	1,082	1,042
Clubs and exchanges	834	830	839	844	850	852	858
Total	1,882	1,846	1,823	1,956	1,978	1,934	1,900
Plants and office buildings	5,497	5,623	5,798	6,230	6,158	6,335	6,544
Hospitals	3,790	3,672	3,634	3,490	3,384	3,356	3,278
Extended care facilities	6,368	6,120	6,030	5,870	5,758	5,812	6,094
Vending	5,288	5,086	4,885	5,241	5,167	5,663	5,949
Transportation	4,780	5,154	4,711	4,428	4,101	4,185	4,642
Associations	1,192	1,247	1,356	1,442	1,578	1,682	1,783
Correctional facilities	2,278	2,532	2,470	2,710	3,050	3,038	3,092
Child daycare centers	1,088	1,278	1,393	1,522	1,675	1,752	1,919
Elderly feeding programs	153	165	154	177	172	169	174
Other	1,934	1,982	2,212	2,234	2,312	2,365	2,332
Noncommercial feeding total	51,500	52,929	53,974	56,003	56,942	58,690	60,851
Total	233,432	241,604	253,471	263,110	270,565	279,285	290,226

[1] Excludes sales tax and tips. [2] Revised based on new data. [3] Preliminary estimates.

Source: ERS, Food Markets Branch, (202) 694–5384. *Food Marketing Review,* selected issues.

CHAPTER XIV

STATISTICS OF FERTILIZERS AND PESTICIDES

This chapter contains statistics on percentages of crop acres treated by various types of fertilizers and pesticides. Nitrogen, phosphate, and potash are the most common fertilizers; herbicides, insecticides, fungicides, and other chemicals are the main categories of pesticides. Other chemicals include soil fumigants, vine killers, and dessicants. The tables show data for field crops for 1994–97, 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, 1994–97 [1]

Crop	Area Planted [2]	Nitrogen	Phosphate	Potash
	1,000 Acres	*Percent*	*Percent*	*Percent*
1994:				
Corn	62,500	97	83	72
Cotton, Upland	10,023	86	54	37
Potatoes, Fall	1,139.6	100	98	91
Soybeans	43,975	13	20	25
Wheat, Winter [3]	34,590	86	49	15
Wheat, Durum	2,450	85	69	4
Wheat, Other Spring	17,250	88	77	23
1995:				
Corn	64,105	97	81	70
Cotton, Upland	11,650	87	56	40
Potatoes, Fall	1,147.0	99	98	89
Soybeans	51,840	17	22	25
Wheat, Winter [3]	34,265	86	54	16
Wheat, Durum	2,950	92	78	10
Wheat, Other Spring	15,750	87	78	23
1996:				
Corn	70,250	98	85	73
Cotton, Upland	11,915	77	55	43
Potatoes, Fall	797	99	97	90
Soybeans	50,050	15	25	27
Wheat, Winter [3]	28,520	86	51	4
Wheat, Durum	3,000	93	73	8
Wheat, Other Spring	16,350	89	79	24
1997:				
Corn	62,150	99	84	72
Cotton, Upland	13,075	90	67	58
Potatoes, Fall	943.5	100	98	91
Soybeans	66,215	20	28	33
Wheat, Winter [3]	35,065	84	53	15
Wheat, Durum	2,700	95	77	8
Wheat, Other Spring	18,100	92	82	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. [2] Acres are the estimates as of the survey period and may not reflect subsequent revisions to the published estimates for a given crop. [3] Area harvested for winter wheat.

NASS, Crops Branch, (202) 720–2127.

Table 14-2.—Corn: Pesticide usage, 1994–97 [1]

State and Year	Acres treated and amount applied			
	Herbicide [2]		Insecticide [3]	
	Acres treated [4]	Pounds applied	Acres treated [4]	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*
DE:.				
1995	139	427	62	26
GA:.				
1995	356	712	76	88
IL:.				
1994	11,484	37,870	3,596	3,009
1995	9,996	30,811	2,856	2,118
1996	10,890	34,223	2,970	2,143
1997	10,976	32,733	4,928	4,266
IN:.				
1994	5,917	19,601	1,464	1,191
1995	5,238	16,842	1,080	759
1996	5,488	18,856	1,960	1,466
1997	5,640	18,127	1,860	1,023
IA:.				
1994	12,870	38,199	3,510	2,947
1995	11,583	32,957	3,276	2,821
1996	12,573	36,109	2,159	1,779
1997	11,956	36,144	2,318	2,323
KS:.				
1995	1,978	4,397	839	645
1996	2,350	5,784	1,000	515
KY:.				
1995	1,203	3,537	192	56
1996	1,287	4,159	312	43
MI:.				
1994	2,474	6,987	612	575
1995	2,450	6,791	441	370
1996	2,597	7,250	557	318
1997	2,500	6,912	286	200
MN:.				
1994	6,860	15,218	560	491
1995	6,566	15,822	402	400
1996	7,275	17,819	975	614
1997	6,370	13,956	700	291
MO:.				
1994	2,304	6,749	384	170
1995	1,551	4,443	495	242
1996	2,650	7,547	743	492
1997	2,700	8,203	1,033	475
NE:.				
1994	8,342	18,735	4,558	3,468
1995	7,600	18,804	4,320	3,104
1996	8,330	19,817	4,335	3,068
1997	8,820	19,970	5,580	3,531
NC:.				
1995	784	1,679	232	286
1996	970	2,565	370	376
OH:.				
1994	3,626	11,382	703	537
1995	3,234	10,233	561	419
1996	2,900	10,029	812	591
1997	3,600	12,971	648	711
PA:.				
1995	1,283	4,169	400	295
1996	1,421	4,371	783	419
SC:.				
1996	392	1,017	104	84
SD:.				
1994	3,534	7,022	266	402
1995	2,576	4,691	196	153
1996	3,640	7,091	1,000	422
1997	3,534	6,346	380	317
TX:.				
1995	1,911	2,840	1,218	843
1996	1,911	2,770	1,554	712
WI:.				
1994	3,638	8,456	938	906
1995	3,504	8,487	913	830
1996	3,627	7,570	1,443	1,176
1997	3,724	8,689	722	433

[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). [4] Acres treated are the estimates as of the survey period.

NASS, Crops Branch, (202) 720–2127.

Table 14-3.—Corn: Fertilizer usage, 1994–97 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied
	Thousands	*Millions*	*Thousands*	*Millions*	*Thousands*	*Millions*
DE:.						
1995	131	13.2	126	8.7	113	11.8
GA:.						
1995	400	54.1	384	30.4	384	33.7
IL:.						
1994	11,368	1,742.7	9,976	756.4	10,092	1,036.0
1995	10,098	1,543.1	8,466	635.3	8,568	902.9
1996	11,000	1,823.9	8,690	737.5	9,130	1,056.0
1997	11,088	1,689.5	9,744	747.9	9,744	1,046.8
IN:.						
1994	5,917	879.5	5,612	416.3	5,002	559.3
1995	5,238	691.6	4,806	324.4	4,428	476.1
1996	5,600	774.7	5,432	346.1	4,928	542.4
1997	5,900	876.7	5,760	410.9	4,920	525.9
IA:.						
1994	12,740	1,547.8	9,750	564.3	9,620	677.9
1995	11,349	1,364.6	9,009	534.5	8,892	643.0
1996	12,446	1,631.7	10,541	627.7	10,287	786.1
1997	12,078	1,464.3	9,150	575.4	9,150	668.0
KS:.						
1995	2,129	306.1	1,505	59.1	516	18.4
1996	2,450	416.5	2,075	79.5	725	26.1
KY:.						
1995	1,254	196.5	973	72.2	909	74.0
1996	1,274	186.9	1,118	87.2	1,157	94.1
MI:.						
1994	2,499	288.3	2,270	112.4	2,244	200.3
1995	2,426	306.8	2,083	104.8	2,083	215.1
1996	2,600	307.9	2,385	112.7	2,253	226.5
1997	2,500	309.2	2,366	117.9	2,444	263.8
MN:.						
1994	6,720	729.5	6,160	313.9	5,810	382.2
1995	6,432	755.6	5,829	294.1	5,695	367.5
1996	7,275	784.4	7,050	375.6	6,450	420.9
1997	6,790	750.9	5,530	270.4	5,670	309.6
MO:.						
1994	2,400	340.5	2,040	114.9	1,968	137.7
1995	1,617	234.3	1,205	63.6	1,122	84.4
1996	2,650	398.5	2,420	132.7	2,393	163.5
1997	2,700	447.1	2,478	131.3	2,478	176.4
NE:.						
1994	8,428	1,168.7	6,192	203.2	2,064	31.4
1995	7,920	1,097.2	5,440	167.4	2,320	39.3
1996	8,330	1,174.0	6,715	227.6	3,315	75.0
1997	8,900	1,313.1	7,200	205.2	2,340	33.3
NC:.						
1995	784	169.2	744	61.6	736	62.5
1996	990	113.1	910	53.6	890	88.7
OH:.						
1994	3,663	546.0	3,515	246.2	3,367	334.6
1995	3,300	539.5	2,970	208.4	2,904	284.9
1996	2,900	425.4	2,813	245.8	2,494	244.0
1997	3,564	567.5	3,204	234.6	3,204	313.6
PA:.						
1995	1,283	97.5	1,201	58.8	1,173	49.2
1996	1,407	112.2	1,146	67	1,088	43.6
SC:.						
1996	400	46	388	21.8	400	42.3
SD:.						
1994	3,496	312.4	2,888	113.3	1,216	34.0
1995	2,520	195.5	2,016	71.7	812	15.7
1996	3,520	312.3	3,080	105.7	1,560	31.8
1997	3,648	303.1	3,040	113.9	1,178	25.5
TX:.						
1995	2,079	284.8	1,638	74.9	714	18.0
1996	2,079	284.5	1,659	61.6	903	25.4
WI:.						
1994	3,638	300.7	3,488	151.2	3,450	209.4
1995	3,541	283.0	3,431	149.1	3,358	209.3
1996	3,666	297.0	3,471	134.6	3,432	209.7
1997	3,724	285.2	3,686	154.0	3,534	244.1

[1] Data not available for all States for all years. [2] Acres treated are the estimates as of the survey period.
NASS, Crops Branch, (202) 720–2127.

Table 14-4.—Upland Cotton: Pesticide usage, 1994–97 [1]

State and Year	Acres treated and amount applied							
	Herbicide		Insecticide [2]		Fungicide		Other Chemicals	
	Acres treated [3]	Pounds applied	Acres treated [3]	Pounds applied	Acres treated [3]	Pounds applied	Acres treated [3]	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL:.								
1997	535	1,667	455	469	91	22	369	482
AZ:.								
1994	235	358	260	1,123	*	*	232	1,098
1995	325	484	354	1,709	*	*	336	1,726
1996	236	357	280	1,029	*	*	224	1,703
1997	283	534	276	705	*	*	280	770
AR:.								
1994	951	4,057	921	1,584	216	162	843	1,251
1995	1,147	4,208	983	1,527	234	201	644	781
1996	990	2,750	930	1,303	280	157	910	1,206
1997	846	2,882	732	678	95	83	798	1,335
CA:.								
1994	924	1,613	1,034	1,787	*	*	1,056	4,645
1995	1,030	1,861	1,123	2,835	*	*	1,123	6,713
1996	900	1,856	970	2,031	*	*	950	5,180
1997	818	1,227	810	2,242	*	*	862	3,471
GA:.								
1996	1,340	4,079	986	633	**	**	648	1,234
1997	1,440	4,623	1,296	895	**	**	1,224	4,397
LA:.								
1994	783	2,996	900	3,737	189	84	693	724
1995	1,063	2,400	1,063	3,176	184	71	760	752
1996	721	1,957	863	1,486	151	89	614	546
1997	567	2,331	536	1,789	120	85	416	469
MS:.								
1994	1,280	5,385	1,280	5,217	461	452	1,190	1,819
1995	1,431	6,234	1,358	5,691	438	350	1,329	1,951
1996	1,109	3,981	1,064	2,417	78	45	1,109	2,541
1997	985	3,124	985	3,972	296	447	955	1,556
MO:.								
1997	380	839	270	210	*	*	376	573
NC:.								
1997	650	1,832	616	339	*	*	643	1,093
SC:.								
1997	290	875	284	241	52	5	278	467
TN:.								
1996	540	1,889	481	505	178	97	470	732
1997	480	1,275	417	417	142	123	387	551
TX:.								
1994	5,232	6,460	2,725	3,998	55	34	2,616	1,872
1995	6,272	7,430	3,904	5,729	*	*	2,304	1,654
1996	5,130	5,692	3,876	5,832	*	*	2,223	2,064
1997	5,335	6,401	3,410	6,327	**	**	2,915	2,398

[1] Data not available for all States for all years. [2] Amount applied excludes Bt (bacillus thurengiensis). [3] Acres treated are the estimates as of the survey period. * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Crops Branch, (202) 720–2127.

Table 14-5.—Upland Cotton: Fertilizer usage, 1994–97 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied
	Thousands	*Millions*	*Thousands*	*Millions*	*Thousands*	*Millions*
AL:.						
1997	535	47.8	498	26.8	508	40.1
AZ:.						
1994	310	68.6	141	7.4	69	0.7
1995	347	66.9	124	8.1	*	*
1996	309	45.8	135	6.6	35	1.6
1997	322	41.8	94	5.2	13	0.6
AR:.						
1994	911	100.5	686	30.0	794	58.0
1995	1,135	114.6	866	39.4	995	75.1
1996	970	94.0	660	25.2	710	49.3
1997	874	67.2	789	42.5	865	57.6
CA:.						
1994	1,056	198.5	385	23.1	264	10.6
1995	1,158	193.3	468	29.5	246	17.8
1996	960	168.1	370	30.6	160	9.5
1997	845	122.7	220	13.4	229	16.7
GA:.						
1996	1,337	139.3	1,337	76.7	1,310	139.1
1997	1,368	126.3	1,353.6	81.4	1,426	132.0
LA:.						
1994	828	130.1	360	16.2	360	21.2
1995	955	111.9	456	21.4	521	38.1
1996	810	60.1	570	25.7	596	39.5
1997	617	48.5	447	22.8	479	33.8
MS:.						
1994	1,280	156.0	576	31.3	845	85.1
1995	1,460	163.2	584	31.5	876	74.7
1996	1,098	110.4	302	14.0	627	63.4
1997	985	107.3	453	22.6	758	72.1
MO:.						
1997	380	42.6	274	10.0	361	28.1
NC:.						
1997	616	38.4	429	16.6	570	56.8
SC:.						
1997	290	26.8	290	15.8	290	34.2
TN:.						
1996	540	47.8	173	32.0	535	47.1
1997	490	44.8	485	27.4	485	42.9
TX:.						
1994	4,251	302.9	3,270	123.3	1,363	27.4
1995	5,056	312.4	4,032	151.8	2,048	31.1
1996	3,135	252.2	2,679	105.2	1,140	23.6
1997	4,510	280.9	3,410	126.3	1,595	25.8

[1] Data not available for all States for all years. [2] Acres treated are the estimates as of the survey period. * Insufficient reports to publish data for one or more of the fertilizer nutrients.

NASS, Crops Branch, (202) 720–2127.

Table 14-6.—Fall potatoes: Pesticide usage, 1994–97 [1]

State and Year	Acres treated and amount applied							
	Herbicide		Insecticide [2]		Fungicide		Other Chemicals	
	Acres treated [3]	Pounds applied	Acres treated [3]	Pounds applied	Acres treated [3]	Pounds applied	Acres treated [3]	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
CO:.								
1994	59.2	246	51.8	52	70.3	174	24.4	1,269
1995	68.5	223	50.1	21	72.4	140	20.0	2,192
ID:.								
1994	373.1	1,058	307.5	897	217.3	411	168.1	35,245
1995	372.0	1,125	304.0	771	252.0	681	164.0	29,233
1996	369.0	1,131	299.3	649	348.5	1,089	159.9	30,529
1997	358.8	962	358.8	1,057	390.0	2,233	230.1	40,356
MA:.								
1994	73.3	54	72.5	219	78.0	945	77.2	601
1995	74.9	43	78.0	66	78.0	629	72.5	358
1996	76.4	49	70.2	46	78.0	737	76.4	580
1997	68.2	39	68.9	68	70.3	641	68.2	1,609
MI:.								
1994	42.2	63	44.0	361	44.0	484	34.3	215
1995	46.8	117	55.0	90	52.8	602	34.1	436
MN:.								
1994	38.5	105	74.0	66	69.6	220	59.9	30
1995	54.8	94	74.7	95	83.0	567	58.9	669
1997	21.6	35	76.2	84	75.5	816	63.1	113
NY:.								
1994	20.1	43	28.8	385	23.3	195	14.8	8
1995	24.9	52	27.0	68	26.4	211	18.9	16
ND:.								
1994	77.1	109	131.7	179	133.0	660	70.5	266
1995	75.0	128	125.0	263	125.0	759	51.3	1,671
1997	78.8	134	96.3	161	123.8	1,232	45.0	22
OR:.								
1994	48.7	168	46.0	253	41.2	177	31.6	4,263
1995	47.8	134	47.8	233	46.8	323	33.3	5,652
1997	51.2	142	46.3	178	50.7	346	37.6	8,306
PA:.								
1994	12.2	36	19.0	179	18.4	176	8.0	75
1995	16.4	53	17.1	38	17.1	175	9.7	12
WA:.								
1994	36.8	339	150.5	843	139.8	807	124.6	20,137
1995	36.7	305	144.1	694	135.2	1,458	113.2	16,981
1996	151.6	322	153.2	485	138.6	986	117.4	12,064
1997	125.8	264	146.5	644	140.6	1,084	105.1	9,658
WI:.								
1994	66.4	81	73.0	143	72.3	854	66.4	1,963
1995	78.0	100	80.5	214	83.0	1,000	73.9	2,654
1997	76.4	70	74.1	95	78.0	1,103	67.9	3,601

[1] Data not available for all States for all years. [2] Amount applied excludes Bt (bacillus thurengiensis). [3] Acres treated are the estimates as of the survey period.

NASS, Crops Branch, (202) 720–2127.

Table 14-7.—Fall potatoes: Fertilizer usage, 1994–97 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied
	Thousands	*Millions*	*Thousands*	*Millions*	*Thousands*	*Millions*
CO:.						
1994	74.0	18.4	74.0	16.9	70.3	6.4
1995	77.0	19.9	76.2	15.3	66.2	5.9
ID:.						
1994	410.0	107.2	405.9	78.0	356.7	45.2
1995	400.0	98.6	400.0	73.7	336.0	42.5
1996	410.0	84.4	405.9	80.6	348.5	40.7
1997	390.0	103.6	378.3	72.3	343.2	41.7
MA:.						
1994	78.0	13.7	77.2	13.7	77.2	13.9
1995	77.2	13.7	77.2	13.9	77.2	14.3
1996	78.0	13.0	77.2	13.4	78.0	13.6
1997	71.0	12.9	71.0	13.3	71.0	13.5
MI:.						
1994	44.0	11.1	42.2	4.7	44.0	12.7
1995	55.0	10.3	53.9	6.7	55.0	13.3
MN:.						
1994	74.0	5.1	73.3	5.0	73.3	7.0
1995	77.2	9.6	82.2	8.1	72.2	9.8
1997	73.9	11.9	76.2	6.1	74.7	6.6
NY:.						
1994	28.8	4.3	28.5	6.2	28.5	5.4
1995	28.0	3.8	28.0	5.6	28.0	5.3
ND:.						
1994	133.0	17.1	126.4	9.9	113.1	11.2
1995	125.0	20.1	117.5	10.2	111.3	13.4
1997	125.0	16.7	120.0	11.7	100.0	7.7
OR:.						
1994	53.5	24.3	50.8	9.0	40.7	7.9
1995	51.0	12.2	49.9	9.2	45.2	7.5
1997	54.5	15.1	54.5	10.8	47.4	11.1
PA:.						
1994	19.0	3.1	19.0	2.3	19.0	3.1
1995	17.6	2.4	17.1	2.0	17.1	2.5
WA:.						
1994	152.0	53.7	145.9	40.9	142.9	38.8
1995	147.0	44.1	145.5	36.3	133.8	32.4
1996	154.9	44.3	150.0	29.4	148.3	30.2
1997	148.0	47.9	146.5	42.6	145.0	31.6
WI:.						
1994	73.0	17.2	73.0	10.6	73.0	25.0
1995	83.0	16.4	81.3	11.9	83.0	27.5
1997	78.0	15.0	78.0	9.5	78.0	22.2

[1] Data not available for all states for all years. [2] Acres treated are the estimates as of the survey period.
NASS, Crops Branch, (202) 720–2127.

Table 14-8.—Soybeans: Pesticide usage, 1994–97 [1]

State and Year	Acres treated and amount applied [2]			
	Herbicide		Insecticide [3]	
	Acres treated [4]	Pounds applied	Acres treated [4]	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*
AR:.				
1994	3,381	4,469	69	64
1995	3,140	3,564	**	**
1996	3,266	4,491	*	*
1997	3,492	5,019	*	*
DE:.				
1994	196	359	*	*
1997	176	314	*	*
GA:.				
1995	278	245	109	69
IL:.				
1994	9,500	11,622	*	*
1995	9,555	10,181	**	**
1996	9,603	10,670	**	**
1997	9,800	11,136	*	*
IN:.				
1994	4,600	6,292	*	*
1995	4,950	6,019	*	*
1996	5,238	5,845	*	*
1997	5,350	7,062	**	**
IA:.				
1994	8,712	7,643	**	**
1995	9,300	8,936	**	**
1996	9,405	10,821	*	*
1997	10,395	13,691	**	**
KS:.				
1997	2,303	2,947	*	*
KY:.				
1995	1,147	1,377	**	**
1997	1,183	1,460	*	*
LA:.				
1995	1,017	1,394	407	241
1996	1,034	1,645	352	161
1997	1,260	1,843	406	331
MI:.				
1997	1,862	2,452	**	**
MN:.				
1994	5,643	5,275	*	*
1995	5,841	5,471	**	**
1996	5,831	7,826	**	**
1997	6,528	6,902	*	*
MS:.				
1995	1,832	2,587	*	*
1996	1,782	2287	*	*
1997	2,058	2453	*	*
MO:.				
1994	4,278	4,454	*	*
1995	4,324	4,918	*	*
1996	4,018	5,373	*	*
1997	4,606	5,521	**	**
NE:.				
1994	2,813	2,916	*	*
1995	2,976	3,001	*	*
1996	3,020	3,459	*	*
1997	3,465	4,093	*	*
NC:.				
1995	1,047	1,228	115	17
1997	1,372	1,625	490	130
OH:.				
1994	3,960	6,357	*	*
1995	3,969	5,923	*	*
1996	4,410	5,692	*	*
1997	4,350	5,307	*	*
PA:.				
1997	318	661	**	**
SD:.				
1997	3,150	3,059	*	*
TN:.				
1995	1,050	1,595	*	*
1996	1,150	1,770	*	*
1997	1,240	1,664	*	*
WI:.				
1996	911	750	*	*
1997	1,000	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). [4] Acres treated are the estimates as of the survey period. * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Crops Branch, (202) 720–2127.

Table 14-9.—Soybeans: Fertilizer usage, 1994–97 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied
	Thousands	*Millions*	*Thousands*	*Millions*	*Thousands*	*Millions*
AR:.						
1994	517	17.2	1,070	52.5	1,104	71.1
1995	552	25.5	966	47.9	1,035	66.5
1996	320	8.2	1,598	76.4	1,527	90.5
1997	216	9.3	1,044	60.8	1,080	71.4
DE:.						
1994	138	4.5	95	3.3	122	9.9
1997	83	1.5	86	3.8	65	5.7
GA:.						
1995	195	6.0	214	10.8	211	13.0
IL:.						
1994	960	32.6	1,920	117.3	2,976	290.6
1995	1,658	39.4	2,535	184.9	3,023	337.5
1996	1,485	32.4	2,277	128.3	3,366	329.6
1997	1,100	12.6	2,300	160.3	3,400	352.5
IN:.						
1994	799	15.5	1,316	49.8	1,786	149.3
1995	800	16.7	1,050	46.1	1,700	181.6
1996	1,242	37.9	1,782	79.1	2,376	240.7
1997	872	40.8	1,199	65.2	1,962	213.0
IA:.						
1994	616	17.6	1,056	43.5	1,056	60.5
1995	930	26.4	1,023	44.0	1,116	74.0
1996	760	19.5	1,140	55.2	1,330	99.3
1997	1,680	30.4	2,415	129.3	2,625	205.4
KS:.						
1997	490	12.1	441	14.8	368	18.9
KY:.						
1995	480	15.0	538	32.6	538	40.1
1997	416	22.7	546	36.9	533	59.4
LA:.						
1995	54	1.7	171	7.2	171	9.9
1996	44	0.7	396	17.1	374	26.0
1997	182	5.8	322	13.8	322	21.3
MI:.						
1997	1,197	21.3	931	49.9	1,349	100.9
MN:.						
1994	684	12.2	741	29.4	798	53.8
1995	885	61.8	885	44.8	1,003	77.0
1996	595	9.2	833	38.4	595	42.9
1997	1,088	15.2	1,360	55.6	1,496	141.5
MS:.						
1995	111	1.5	296	13.8	407	24.6
1996	198	2.5	324	14.0	306	19.4
1997	336	5.4	483	25.5	546	48.4
MO:.						
1994	506	15.6	828	36.4	1,058	74.2
1995	598	34.3	920	50.8	920	74.4
1996	943	20.5	1,025	54.9	1,148	81.3
1997	735	17.2	1,372	60.4	1,715	136.2
NE:.						
1994	725	15.2	725	26.2	348	7.5
1995	620	25.4	496	18.4	341	4.6
1996	854	10.2	1,525	64.4	336	5.3
1997	1,085	19.5	1,085	45.9	560	11.3
NC:.						
1995	506	21.1	483	21.7	529	45.8
1997	728	46.7	938	36.8	1,078	103.3
OH:.						
1994	800	13.9	1,280	60.3	1,920	196.6
1995	932	13.1	1,175	58.8	1,499	126.6
1996	900	30.4	1,080	50.1	1,620	164.8
1997	720	11.9	1,170	56.8	2,700	308.4
PA:.						
1997	196	3.4	204	8.7	218	19.5
SD:.						
1997	1,225	43.3	1,190	42.2	630	14.5
TN:.						
1995	215	6.8	407	21.9	407	26.1
1996	324	12.8	516	27.5	636	51.5
1997	383	7.4	634	33.1	686	52.6
WI:.						
1997	530	8.2	540	11.7	690	56.0

[1] Data not available for all States for all years. [2] Acres treated are the estimates as of the survey period.

NASS, Crops Branch, (202) 720–2127.

Table 14-10.—Wheat: Pesticide usage, 1994–97 [1]

State and Year	Acres treated and amount applied [2]			
	Herbicide		Insecticide [3]	
	Acres treated [4]	Pounds applied	Acres treated [4]	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*
Winter.				
CO:.				
1994	867	251	459	275
1995	1,377	422	*	*
1996	1,342	756	242	139
1997	1,824	803	371	321
ID:.				
1994	656	547	**	**
1995	693	446	**	**
1996	688	433	**	**
1997	853	631	**	**
IL:.				
1994	270	23	**	**
1995	361	16	**	**
1997	460	16	**	**
KS:.				
1994	5,472	1,216	*	*
1995	6,710	1,095	*	*
1996	4,136	1,304	616	212
1997	3,410	819	**	**
MO:.				
1994	88	14	*	*
1995	74	14	**	**
1997	343	67	**	**
MT:.				
1994	1,758	1,175	130	14
1995	1,356	685	*	*
1996	1,841	1,385	*	*
1997	1,276	1,089	*	*
NE:.				
1994	1,197	361	**	**
1995	1,113	235	**	**
1996	1,281	332	*	*
1997	1,007	189	**	**
OH:.				
1994	260	74	**	**
1995	194	51	*	*
1997	218	56	**	**
OK:.				
1994	1,431	172	2,173	827
1995	2,600	278	884	255
1996	1,715	655	1,323	391
1997	2,052	435	702	234
OR:.				
1994	853	556	*	*
1995	809	513	*	*
1996	830	503	*	*
1997	840	516	*	*
PA:.				
1997	37	8	*	*
SD:.				
1994	1,134	338	**	**
1995	958	368	**	**
1996	1,027	390	*	*
1997	935	383	**	**
TX:.				
1994	783	214	870	387
1995	896	218	644	253
1996	783	319	1,102	447
1997	984	181	738	351
WA:.				
1994	2,047	1,134	*	*
1995	2,000	1,067	**	**
1996	2,256	1,304	**	**
1997	2,107	1,584	*	*
Durum.				
ND:.				
1994	2,328	1,378	**	**
1995	2,832	1,821	**	**
1996	2,940	2,087	*	*
1997	2,511	2,221	54	12
Other.				
MN:.				
1994	2,548	1,745	*	*
1995	2,183	1,410	*	*
1996	2,448	1,547	*	*
1997	2,303	1,434	*	*
MT:.				
1994	3,243	1,394	**	**
1995	3,555	2,118	**	**
1996	3,192	2,122	**	**
1997	4,089	3,254	*	*
ND:.				
1994	8,736	4,758	**	**
1995	7,802	4,165	**	**
1996	8,832	6,170	*	*
1997	7,744	4,583	*	*
SD:.				
1994	1,743	633	**	**
1995	1,213	431	**	**
1997	2,150	886	**	**

[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). [4] Acres treated are the estimates as of the survey period. * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Crops Branch, (202) 720–2127.

Table 14-11.—Wheat: Fertilizer usage, 1994–97 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied	Acres treated [2]	Pounds applied
	Thousands	*Millions*	*Thousands*	*Millions*	*Thousands*	*Millions*
Winter.						
CO:						
1994	1,709	71.4	612	12.8	*	*
1995	1,674	81.0	621	16.7	*	*
1996	1,694	70.2	836	18.0	*	*
1997	1,938	69.0	1,112	18.7	*	*
ID:						
1994	719	68.9	450	15.8	55	2.2
1995	724	81.8	531	21.7	62	1.1
1996	834	96.2	413	22.1	129	5.0
1997	853	105.4	539	19.4	96	4.3
IL:						
1994	873	91.8	774	62.0	711	67.8
1995	1,321	121.7	1,168	89.2	987	89.9
1997	1,047	103.8	794	62.1	886	86.9
KS:						
1994	10,146	593.0	5,586	177.9	684	22.2
1995	9,900	560.7	6,710	215.8	770	25.0
1996	8,272	461.6	5,720	162.3	*	*
1997	8,580	509.0	6,160	186.8	880	19.5
MO:						
1994	1,078	93.4	847	38.8	891	53.6
1995	1,082	109.2	800	42.5	824	57.1
1997	957	98.2	842	45.4	728	49.4
MT:						
1994	1,536	90.8	1,462	44.2	3,145	3.4
1995	1,219	69.7	1,123	31.3	397	4.7
1996	1,624	84.7	1,584	46.9	238	4.3
1997	1,378	64.5	1,131	31.4	334	4.3
NE:						
1994	1,680	72.8	987	29.5	*	*
1995	1,680	80.0	882	27.3	*	*
1996	1,600	78.6	1,071	34.8	*	*
1997	1,748	94.6	1,406	47.8	*	*
OH:						
1994	1,168	95.3	1,074	69.4	1,133	85.9
1995	1,210	102.6	1,125	72.3	113	79.1
1997	1,090	93.1	1,003	63.7	1,068	87.6
OK:						
1994	5,035	347.2	3,127	113.1	530	18.9
1995	4,992	356.3	3,016	96.3	624	10.3
1996	3,675	199.2	2,205	70.8	539	26.1
1997	4,860	317.5	2,538	83.6	378	6.4
OR:						
1994	861	54.5	96	3.2	*	*
1995	809	55.9	140	4.5	83	2.1
1996	850	65.0	85	2.5	43	1.1
1997	840	75.3	126	4.7	*	*
PA:						
1997	142	7.3	105	5.2	103	5.2
SD:						
1994	716	36.7	419	9.1	*	*
1995	806	30.3	654	20.6	*	*
1996	1,232	60.8	1,027	29.2	*	*
1997	819	38.7	609	15.3	*	*
TX:						
1994	2,059	182.4	1,015	41.4	232	4.1
1995	2,044	172.6	1,008	38.3	252	3.9
1996	2,262	183.6	899	39.4	*	*
1997	3,198	267.2	1,476	49.1	656	10.8
WA:						
1994	2,277	160.2	667	15.2	*	*
1995	2,064	158.1	645	12.9	215	6.4
1996	2,350	194.9	588	12.2	235	5.4
1997	2,107	145.4	731	16.5	258	7.6
Durum.						
ND:						
1994	2,083	145.8	1,691	44.7	98	0.9
1995	2,714	177.8	2,301	54.8	295	4.6
1996	2,790	168.6	2,190	50.9	240	4.9
1997	2,565	170.9	2,079	48.7	216	4.1
Other.						
MN:						
1994	2,548	240.4	2,340	88.6	1,560	42.5
1995	2,138	177.7	2,025	74.7	1,620	43.2
1996	2,499	227.0	2,219	82.1	1,224	33.8
1997	2,401	209.1	2,230	77.4	1,789	73.9
MT:						
1994	2,657	103.5	2,174	47.6	587	5.4
1995	3,081	118.2	2,844	64.8	672	10.8
1996	3,486	173.5	3,276	89.6	378	3.6
1997	3,437	153.5	2,871	68.2	653	10.2
ND:						
1994	8,281	626.8	7,462	283.7	1,547	31.1
1995	7,304	458.8	6,640	198.0	1,162	16.0
1996	8,640	582.9	7,488	227.4	2,304	46.0
1997	8,712	621.8	8,096	248.3	2,112	43.8
SD:						
1994	1,659	87.2	1,386	31.9	210	3.1
1995	1,188	57.8	850	22.2	150	2.2
1997	2,250	140.2	1,750	61.6	*	*

[1] Data not available for all States for all years. [2] Acres treated are the estimates as of the survey period. * Insufficient number of reports to publish data.

NASS, Crops Branch, (202) 720–2127.

Table 14-12.—Fruits: Percent of acres receiving applications, for surveyed States, 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 reports to publish data. Blank entries indicate none reported for sample. ** No reports received for this pesticide class.
NASS, Crops Branch, (202) 720–2127.

Table 14-13.—Vegetables: Percent of acres receiving applications, for surveyed States, 1996 [1]

Crop	Herbicide	Insecticide	Fungicide
	Percent		
Asparagus	88	56	33
Beans, Lima, Fresh	93	47	34
Beans, Lima, Processing	49	60	18
Beans, Snap, Fresh	49	75	73
Beans, Snap, Processing	90	72	49
Broccoli	64	96	37
Cabbage, Fresh	62	94	57
Cabbage, Processing	95	89	11
Carrots	89	40	78
Cauliflower	31	97	18
Celery	68	97	86
Corn, Sweet, Fresh	79	89	42
Corn, Sweet, Processing	90	74	11
Cucumbers, Fresh	60	68	77
Cucumbers, Processing	76	36	34
Eggplant	33	89	84
Lettuce, Head	52	98	76
Lettuce, Other	52	86	73
Melons, Other	36	85	47
Melons, Watermelon	43	41	65
Onions, Bulb	88	83	89
Peas, Green, Processing	89	35	2
Peppers, Bell	67	88	75
Spinach, Fresh	56	72	49
Spinach, Processing	61	63	50
Strawberries	37	85	86
Tomatoes, Fresh	54	93	90
Tomatoes, Processing	78	71	90

[1] Refers to acres receiving one or more applications of a specific agricultural chemical.
NASS, Crops Branch, (202) 720–2127.

CHAPTER XV

MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; and statistics on crops in Alaska.

Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as fibers, raw hides and skins, fats and oils, beer, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than $251 ($100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in shipments under Public Law 83–480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value of the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports of those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued $251–$999 ($100–$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued $251–$1,999 ($100–$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to ‘‘unidentified countries.’’

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under $251 are reflected in nonagricultural and overall import totals.

Table 15-1.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1988–97

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*
1988	293,972	35,316	12	430,152	21,014	14,541	6,473	41	69	20,775
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	23,789
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	572,890	59,891	10	771,008	32,577	24,402	8,175	41	75	35,489
1997 [4]	627,257	57,365	9	865,346	35,798	26,691	9,107	47	75	30,674

[1] Fiscal years Oct. 1–Sept. 30. [2] Includes food exported for relief or charity by individuals and private agencies. [3] Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers. [4] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5272.

Table 15-2.—Agricultural exports: Quantity Indexes, United States, fiscal years 1988–97

[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
1988	110	106	118	112	87	104	106	117	115	103	114
1989	106	127	162	113	63	109	111	100	110	75	119
1990	113	124	163	104	46	148	127	112	114	83	142
1991	108	126	175	96	19	165	119	123	98	76	155
1992	121	148	207	115	62	204	114	126	105	100	175
1993	121	151	217	112	81	251	87	118	108	101	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	197
1997 [4]	145	234	340	87	46	633	123	122	96	119	208

[1] Fiscal years, Oct. 1–Sept. 30. [2] Excludes quantities not in metric tons; accounts for 86 percent of total value of U.S. agricultural exports in 1987. [3] Included in ''Animals and animal products.'' [4] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5272.

Table 15-3.—Agricultural imports: Quantity indexes, United States, fiscal years 1988–97

[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
1988	96	87	98	97	99	82	102	113	114	114	91	97
1989	98	101	96	84	99	80	87	93	126	111	140	76
1990	107	113	104	93	118	61	91	67	132	120	149	86
1991	106	104	107	104	110	51	95	84	139	119	150	96
1992	113	122	107	92	108	62	91	84	161	122	137	162
1993	115	117	113	98	115	62	90	93	163	136	132	172
1994	117	110	122	98	131	62	93	87	251	170	136	142
1995	114	108	117	96	124	62	84	86	223	163	130	96
1996	122	117	125	88	124	62	82	71	220	164	230	115
1997 [5]	133	123	139	92	124	62	91	53	264	196	248	151

[1] Fiscal years Oct. 1–Sept. 30. [2] Excludes quantities not in metric tons; accounts for 86 percent of total value of U.S. agricultural imports in 1987. [3] Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Non-competitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers. [4] Included in ''animals and animal products.'' [5] Preliminary.

ERS, Market and Trade Economics Divison, (202) 694–5272.

Table 15-4.—U.S. 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*
Beans	0	25	0	0	0	0	3	28
Bulgur	0	106	0	0	0	0	0	106
Corn	1	282	0	0	0	0	9	292
Corn Soy Blend	0	238	0	0	0	0	1	239
Cornmeal	0	31	0	0	0	0	0	31
Lentils	0	19	0	0	0	0	0	19
Peas	0	52	0	0	0	0	0	53
Rice	44	140	0	0	0	0	11	195
Rice Soy Blend	0	0	0	0	0	0	0	0
Nonfat Dry Milk	0	0	0	0	0	1	0	1
Sorghum	18	115	0	0	0	0	0	132
Soybean Meal	67	19	0	0	0	0	23	109
Soybeans	53	2	0	0	30	0	0	85
S. F. Bulgar	0	44	0	0	0	0	0	44
S. F. Cornmeal	0	55	0	0	0	0	0	55
S. F. Sorghum Grits	0	8	0	0	0	0	0	8
Tallow	14	0	0	0	0	0	0	14
Vegetable Oil	16	144	0	0	10	0	41	211
Wheat	803	511	140	0	211	0	64	1,727
Wheat Flour	0	124	0	0	0	0	39	163
Wheat Soy Blend	0	16	0	0	0	0	0	16
Whole Dry Milk	0	.....	0	0	0	0	6	6
1Program Totals	1,016	1,930	140	0	251	1	198	3,535

[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 15-5.—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*	*1,000*	*1,000*
Beans	0	14,302	0	0	0	0	2,207	16,509
Bulgur	0	18,376	0	0	0	0	0	18,376
Corn	67	33,375	0	0	0	0	808	34,250
Corn Soy Blend	0	74,832	0	0	0	0	220	75,052
Cornmeal	0	6,953	0	0	0	0	61	7,014
Lentils	0	6,662	0	0	0	0	135	6,798
Peas	0	14,411	0	0	0	0	113	14,523
Rice	16,699	51,063	0	0	0	0	4,481	72,243
Rice Soy Blend	0	0	0	0	0	0	641	641
Nonfat Dry Milk	0	0	0	0	0	1,904	0	1,904
Sorghum	2,000	14,145	0	0	0	0	0	16,145
Soybean Meal	10,700	3,378	0	0	0	0	4,111	18,188
Soybeans	12,000	377	0	0	6,675	0	0	19,051
S. F. Bulgar	0	8,280	0	0	0	0	0	8,280
S. F. Cornmeal	0	14,318	0	0	0	0	0	14,318
S. F. Sorghum Grits	0	2,128	0	0	0	0	0	2,128
Tallow	5,981	0	0	0	0	0	0	5,981
Vegetable Oil	12,252	112,900	0	0	7,252	0	37,076	169,480
Wheat	104,701	68,284	21,335	0	26,936	0	8,571	229,827
Wheat Flour	0	24,467	0	0	0	0	7,629	32,097
Wheat Soy Blend	0	6,305	0	0	0	0	0	6,305
Whole Dry Milk	0	0	0	0	0	0	17,894	17,894
1Program Totals	164,399	474,556	21,335	0	40,862	1,904	83,947	787,004

[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 15-6.—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 1993–97 [1]

Product	1993	1994	1995	1996	1997 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	433,372,800	469,271,500	534,248,200	572,890,300	627,257,400
Nonagricultural commodities	390,493,618	425,311,634	479,523,051	512,999,766	569,892,284
Agricultural commodities	42,879,182	43,959,866	54,725,149	59,890,534	57,365,116
Animals and animal products [3]	8,005,129	8,774,010	10,730,186	11,402,719	11,292,010
Animals, live excluding poultry	357,544	468,926	396,703	439,593	507,943
Cattle	114,877	167,333	114,835	108,352	160,196
Other	242,667	301,593	281,868	331,241	347,747
Dairy products	885,839	828,164	806,409	735,830	868,740
Butter and anhydrous milkfat	141,738	118,749	85,331	33,209	19,562
Cheese and curd	54,609	65,341	86,540	100,831	115,996
Milk, condensed, or evaporated	13,620	15,387	8,806	35,435	6,651
Milk, nonfat dry	153,050	112,849	138,919	56,883	82,113
Other	522,822	515,838	486,813	509,472	644,418
Fats, oils and greases	518,852	514,931	841,529	674,301	542,873
Lard and other rendered pig fat	29,952	29,020	43,040	35,060	40,567
Tallow, inedible	351,895	335,375	588,636	456,025	350,960
Other	137,006	150,536	209,853	183,215	151,345
Meats and meat preparations	3,349,466	3,502,820	4,362,478	4,746,638	4,438,074
Beef and veal, except offals	2,032,495	2,156,363	2,567,600	2,606,582	2,390,889
Pork, except offals	462,906	524,703	812,117	992,548	999,752
Offals, edible, variety meats	581,042	538,196	688,492	778,284	638,512
Others	273,024	283,558	294,269	369,224	408,920
Poultry and poultry products	1,313,100	1,717,796	2,208,254	2,727,232	2,867,933
Poultry, live:					
Breeding chicks	97,764	96,610	98,015	94,300	96,620
Baby chicks, excluding breeding	7,196	8,885	7,833	3,570	3,324
Other	19,673	14,052	15,444	10,399	14,196
Poultry meat; fresh, frozen:					
Chickens	732,829	1,111,752	1,557,807	2,000,319	2,007,052
Turkeys	140,366	154,764	157,139	197,037	278,698
Other	16,370	13,560	18,700	13,142	9,135
Eggs	141,590	157,457	165,595	208,328	213,602
Other	157,312	160,716	187,721	200,137	245,306
Hides and skins, including furskins	1,287,709	1,438,786	1,738,410	1,677,193	1,693,201
Cattle hides, whole	1,062,353	1,128,046	1,405,999	1,175,798	1,232,469
Furskins	96,865	127,093	125,318	173,802	166,831
Other	128,491	183,647	207,093	327,593	293,901
Other animal products	292,619	302,587	376,403	401,932	373,246
Hair, animal, excluding wool or fine hair	1,871	2,622	2,486	2,965	3,559
Sausage casings	38,604	41,591	39,136	46,466	56,117
Wool, unmanufactured, including fine hair	11,635	25,764	42,177	23,435	16,554
Other	240,509	232,610	292,604	329,066	297,016
Non-animal products [2]	34,874,053	35,185,856	43,994,963	48,487,815	46,073,106
Cotton, unmanufactured	1,537,660	2,306,374	3,496,438	3,028,083	2,737,264
Cotton, raw	1,525,944	2,286,576	3,465,653	2,999,683	2,710,535
Linters	11,716	19,798	30,785	28,400	26,729
Fruits and preparations	2,741,609	3,041,261	3,255,642	3,313,239	3,418,225
Canned	131,205	121,852	133,998	138,494	134,389
Dried	361,382	364,254	383,415	380,156	384,754
Fresh	1,657,383	1,901,064	1,960,860	1,982,133	2,083,766
Fruit juices	452,031	502,469	614,566	646,265	658,290
Other	139,608	151,622	162,803	166,191	157,026
Nuts and preparations	1,119,225	1,288,124	1,349,321	1,582,410	1,501,401
Grains and feeds	14,194,437	13,234,432	17,432,008	21,399,057	16,367,522
Feed grains and products	5,259,378	4,743,979	7,594,627	9,552,055	7,166,497
Feed grain	5,093,583	4,568,545	7,411,379	9,337,941	6,928,307
Barley	168,975	148,231	164,014	227,975	168,321
Corn	4,250,915	3,816,766	6,619,419	8,369,276	6,114,384
Grain sorghum	660,505	600,160	625,558	735,303	641,923
Oats	13,147	3,322	2,296	5,255	3,506
Rye	42	65	92	133	172
Other	165,795	175,434	183,248	214,114	238,190
Rice	766,408	888,994	1,048,300	1,001,389	959,322
Wheat and products	4,994,310	4,273,668	5,250,586	7,081,646	4,320,346
Wheat	4,737,015	4,023,536	4,952,666	6,879,133	4,117,399
Wheat flour	217,047	203,116	246,124	146,621	140,736
Other wheat products	40,248	47,016	51,796	55,892	62,211
Blended food products	90,484	86,328	71,608	74,955	94,052
Other	937,070	1,010,570	968,559	1,055,906	1,139,042
Feeds and fodders, excluding oilcake and meal	2,146,787	2,230,893	2,498,328	2,633,106	2,688,263
Corn byproducts	884,662	841,735	864,111	950,330	870,758
Alfalfa meal and cubes	94,616	66,514	36,011	49,433	48,567
Other	1,167,509	1,322,644	1,598,206	1,633,343	1,768,938

See footnotes at end of table.

Table 15-7.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1993–97 [1]—Continued

Product	1993	1994	1995	1996	1997 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Non-animal products--Continued					
Oilseeds and products	7,206,151	6,851,559	8,932,888	9,537,789	11,287,885
Oilcake and meal	1,260,594	1,084,047	1,152,905	1,353,442	1,794,530
Soybean oilseed cake and meal	1,084,392	965,327	991,423	1,231,511	1,688,562
Other	176,202	118,720	161,482	121,931	105,968
Oilseeds	4,977,903	4,554,955	5,856,913	6,841,711	7,875,162
Soybeans	4,606,097	4,160,933	5,274,426	6,312,093	6,950,019
Other	206,188	191,336	288,650	240,293	269,794
Protein substances	165,618	202,686	293,836	289,325	655,349
Vegetable oils and waxes	967,654	1,212,557	1,923,070	1,342,636	1,618,193
Soybean oil	327,381	432,830	808,532	271,785	515,575
Other	640,273	779,727	1,114,538	1,070,851	1,102,618
Tobacco, unmanufactured	1,442,763	1,260,181	1,329,050	1,392,705	1,611,617
Flue-cured	875,495	755,871	810,682	803,017	871,710
Other	567,268	504,310	518,368	589,688	739,907
Vegetable and preparations	2,974,846	3,229,209	3,875,819	3,733,272	4,081,011
Canned	271,516	267,179	304,722	318,952	374,500
Pulses	206,322	255,306	276,600	264,333	261,913
Fresh	957,842	918,666	1,078,196	932,533	1,000,487
Hops, including extract	113,276	96,929	127,237	107,512	100,462
Other	1,425,890	1,691,129	2,089,064	2,109,942	2,343,649
Essential oils	412,138	435,206	538,661	572,694	619,388
Seeds, except oilseeds	653,032	604,843	665,803	713,854	912,863
Other vegetable products	2,592,192	2,934,667	3,119,333	3,214,712	3,535,930

[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 1993–97 [1]

Product	1993	1994	1995	1996	1997 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	562,037,900	631,161,600	728,885,500	771,007,700	865,345,700
Nonagricultural commodities	537,403,773	604,558,585	699,020,482	738,430,523	829,547,353
Agricultural commodities	24,634,127	26,603,015	29,865,018	32,577,177	35,798,347
Competitive [3]	19,090,201	20,391,530	21,401,617	24,401,925	26,691,172
Animals and animal products	5,929,807	5,820,162	5,961,745	5,955,048	6,426,267
Animals, live, excluding poultry	1,569,242	1,359,582	1,655,260	1,550,624	1,525,159
Cattle, live	1,407,268	1,196,135	1,403,579	1,176,273	1,060,617
Meats and meat products	2,725,926	2,721,153	2,332,054	2,251,046	2,582,727
Meats, P.L. 88-482	1,697,794	1,583,355	1,307,600	1,118,572	1,372,750
Meats, fresh, frozen	2,199,776	2,152,893	1,834,025	1,731,474	2,081,706
Beef and veal	1,688,065	1,571,442	1,293,026	1,101,016	1,350,610
Pork	401,158	457,402	407,489	448,574	497,129
Mutton, goat, and lamb	57,175	59,731	77,461	113,335	140,735
Meats, prepared, preserved	492,790	537,190	468,096	486,300	470,909
Beef and veal	230,634	251,042	214,644	224,322	201,845
Pork	262,156	286,148	253,452	261,979	269,064
Mutton, goat, and lamb	0	0	0	0	0
Poultry and products	137,136	133,196	160,632	177,697	186,386
Dairy products	879,005	976,852	1,072,337	1,209,123	1,272,917
Milk and cream, fresh or dried	9,172	8,507	8,916	16,618	22,138
Cheese	455,360	492,882	521,838	557,288	575,960
Casein and mixtures	338,929	366,894	410,836	481,941	461,438
Fats, oils and greases	36,141	33,194	37,779	44,800	57,596
Hides and skins	181,270	194,892	210,159	191,918	209,787
Sheep and lamb skins	20,257	18,946	29,501	12,749	11,806
Furskins	57,743	76,996	60,344	68,746	77,786
Wool, unmanufactured excluding free	129,057	111,745	153,657	124,588	94,759
Sausage casings	59,250	62,008	61,313	63,769	69,362
Other animal products	192,780	227,540	278,554	341,483	427,574
Non-animal products	18,704,320	20,782,853	23,903,273	26,622,129	29,372,080
Grains and feeds	1,606,018	2,289,673	2,244,036	2,516,805	2,940,657
Wheat, excluding seed, edible	169,377	311,591	241,644	199,499	354,560
Barley	18,032	184,126	117,895	126,300	132,057
Biscuits, wafers	431,461	491,837	545,995	607,068	640,795
Feeds and fodders	278,129	338,900	372,835	484,039	494,831

See footnotes at end of table.

Table 15-8.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1993–97 [1]—Continued

Product	1993	1994	1995	1996	1997 [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	2,030,855	2,131,949	2,223,593	2,629,365	2,919,836
Fresh or frozen	894,106	951,724	1,108,347	1,232,610	1,368,450
Strawberries	43,430	54,805	72,502	72,190	47,050
Prepared or preserved	496,792	493,804	484,711	577,311	638,863
Pineapples	215,606	179,843	152,384	197,040	206,618
Fruit juices	639,958	686,421	630,535	819,445	912,523
Nuts and preparations	508,020	476,693	495,520	530,148	547,385
Vegetables and preparation	2,500,135	2,718,559	3,113,725	3,420,579	3,603,720
Fresh or frozen	1,327,769	1,419,366	1,689,934	1,967,038	2,014,538
Tomatoes	307,454	328,155	406,067	679,977	611,612
Prepared or preserved	1,172,366	1,299,193	1,423,791	1,453,542	1,589,181
Olives	154,182	152,633	165,148	180,158	181,239
Mushrooms, canned	100,977	132,677	167,113	115,561	118,324
Hops and extract	23,171	37,356	37,871	41,678	39,175
Sugar and related products	1,123,379	1,185,280	1,298,848	1,807,649	1,869,367
Sugar, cane of beet	591,427	615,760	663,868	1,049,572	1,012,748
Molasses, inedible	59,082	89,418	73,850	98,549	95,289
Confectionery products	325,289	334,171	434,459	460,717	514,510
Spices	42,647	31,852	35,751	46,760	52,054
Tobacco, unmanufactured	1,101,227	912,069	571,636	769,768	1,179,094
Tobacco, filter	1,039,657	881,045	546,726	727,901	1,111,346
Tobacco, scrap	51,354	16,532	13,918	24,251	30,399
Beverages, excluding fruit juices	2,001,337	2,197,035	2,333,046	2,816,202	3,246,879
Wine	963,354	1,020,960	1,093,002	1,355,337	1,625,026
Malt beverages	914,863	1,035,964	1,113,927	1,302,759	1,443,326
Oilseeds and products	1,192,122	1,465,362	1,745,202	2,059,471	2,247,648
Oilseeds and oilnuts	130,431	273,168	261,843	324,010	373,954
Flaxseed	23,256	29,446	38,924	45,262	65,804
sesame seed	36,607	41,576	48,195	67,881	44,815
Oils and waxes--vegetables	972,243	1,084,079	1,379,130	1,564,670	1,693,012
Castor oil	23,152	27,921	30,942	34,893	25,266
Coconut oil	226,756	207,053	301,254	279,040	378,955
Olive oil	242,484	233,483	328,302	451,572	440,154
Palm oil	45,469	61,798	53,070	54,605	63,192
Palm kernel oil	76,818	72,222	90,669	90,762	135,005
Cotton, excluding linters	334	4,193	12,325	269,550	17,138
Cotton linters	11,121	13,140	18,114	16,881	16,756
Seeds, field and garden	202,087	233,571	231,962	300,595	357,128
Nursery stock	640,663	696,628	823,424	948,847	974,161
Other vegetable products	200,448	215,363	292,690	314,256	293,083
Noncompetitive [3]	5,543,925	6,211,485	8,463,401	8,175,252	9,107,175
Bananas, fresh	1,004,787	983,322	1,052,675	1,093,212	1,122,747
Plaintains, fresh	48,259	50,585	51,808	58,683	66,305
Coffee, green	1,361,445	1,844,099	3,082,694	2,559,089	3,402,509
Coffee, roasted	46,132	72,065	96,341	110,544	135,942
Coffee soluble, extracts	93,214	102,900	183,683	189,677	159,019
Cocoa bean	365,691	407,962	338,544	565,238	466,343
Cocoa butter	205,032	167,807	210,043	239,092	306,612
Cocoa, cake, powder, etc	105,322	123,676	118,979	106,197	112,083
Chocolate preparation	334,189	357,090	395,003	422,205	528,478
Tea, crude or prepared	186,886	185,728	193,689	200,994	203,848
Spices	259,113	307,881	337,018	352,846	410,403
Pepper, unground, black	39,428	56,215	83,111	89,099	141,966
Vanilla beans	60,177	66,337	59,178	43,954	44,238
Other	159,508	185,329	194,729	219,793	224,199
Rubber, crude, natural:					
Rubber-latex	76,596	83,295	116,802	120,119	131,546
Rubber-dry form	760,034	798,097	1,471,532	1,320,071	1,182,829
Silk, raw	4,795	4,834	3,537	4,150	3,295
Wool, unmanufactured, duty-free	29,247	30,443	41,819	40,209	36,344
Fibers, excluding cotton, jute	42,589	55,556	53,692	49,645	45,898
Essential oils	244,977	276,672	352,709	328,206	340,613
Drugs, crude natural	342,558	332,313	336,294	388,618	422,005
Other	33,059	27,160	26,539	26,457	30,356

[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 1995/96 and 1996/97 [1]

Commodity	Value 1995/96	Value 1996/97
	1,000 dollars	*1,000 dollars*
Total agricultural exports	9,179,568	8,996,946
Variable-levy commodities.		
Beef and veal	28,455	20,266
Pork	6,292	18,346
Other meats—fresh or prepared	4,332	4,572
Poultry—live	8,154	7,554
Baby chicks	7,917	7,070
Poultry meats	44,622	44,868
Chickens—fresh or frozen	34,494	31,452
Turkeys—fresh or frozen	7,698	9,741
Other poultry—fresh or frozen	490	111
Poultry meats—prepared or preserved	1,941	3.563
Eggs	17,662	22,243
Dairy products	31,039	27,101
Lard	554	610
Wheat, unmilled	133,613	226,425
Wheat, flour	1,519	1,015
Other wheat products	1,335	3,100
Rice-paddy, milled	133,212	119,053
Feed grains and products	539,158	244,254
Feed grains	526,184	228,153
Barley	5,921	6,999
Corn	381,513	205,507
Grain sorghums	138,600	15,422
Oats	31	188
Rye	118	37
Blended food products	255	527
Other grain products	47,409	68,095
Sugar	5,632	7,781
Related sugar products	47,740	50,728
Chocolate and prep	25,051	28,052
Nonvariable-levy commodities.		
Animals live—excluding poultry	111,010	107,917
Horses, mules, burros—live	104,285	100,189
Horsemeat—fr. chill, froz	52,035	35,970
Variety meats, edible offals	23,454	20,215
Feathers and downs, crude	2,593	1,985
Tallow—inedible	94,523	44,894
Other animal fats and oils	21,556	11,112
Hides and skins, incl. furs	152,137	118,643
Cattle hides, whole	56,522	37,439
Furskins	20,334	25,957
Wool and mohair	10,278	7,179
Sausage casings	5,081	3,555
Bull semen	26,358	25,509
Misc. animal products—other	118,753	85,684
Corn by-products	701,670	604,731
Alfalfa meal and cubes	0	4
Beet pulp	32,278	24,653
Citrus pulp pellets	87,775	66,084
Other feeds and fodders	300,400	353,777
Fruits and prep, excluding juice	410,939	362,969
Fruits, fresh	169,010	165,692
Fruits, fresh, citrus	67,740	64,273
Grapefruit, fresh	61,266	60,956
Lemons and limes, fresh	3,294	931
Oranges and tangerines, fresh	2,811	2,326
Other citrus, fresh	369	60
Nonvariable levy commodities—Continued		
Fruits, fresh, noncitrus	101,270	101,419
Apples, fresh	21,777	20,298
Grapes, fresh	15,979	14,050
Other noncitrus, fresh	63,514	67,071
Fruits, dried	186,932	161,042
Raisins, dried	92,269	83,689
Prunes, dried	80,568	64,621
Other dried fruits	14,095	12,732
Fruits—canned excl. juice	20,953	16,411
Fruits—froz. excl. juice	13,975	8,010
Other fruits—prep. or pres	20,068	11,814
Fruit juices incl. frozen	106,083	143,765
Orange juice	71,333	99,910
Other fruit juices	34,750	43,855
Wine	140,508	184,575
Nuts and preparations	866,531	787,457
Almonds (shelled basis)	613,783	533,438
Peanuts, shelled or prep- arations	77,413	83,867
Walnuts, shelled/unshelled	115,746	115,325
Vegetables and preparations	423,832	409,409
Vegetables—fresh	23,882	26,970
Vegetables—frozen	8,287	11,130
Vegetables—canned	43,645	41,632
Pulses	80,718	80,257
Dried beans	71,116	67,800
Dried peas	2,551	1,893
Dried lentils	7,051	10,564
Hops, including hop extract	35,366	30,537
Other veg.—prep. or pres	231,934	218,883
Oilseeds and products	2,836,162	3,039,160
Oilcake and meal	156,672	297,299
Soybean meal	61,135	213,643
Other oilcake and meal	95,537	83,656
Oilseeds	2,520,717	2,633,705
Soybeans	2,327,731	2,436,693
Sunflowerseeds	82,332	62,493
Peanuts and oilstock	27,521	29,241
Other oilseeds	7,422	5,445
Protein substances	75,711	99,833
Vegetable oils	158,773	108,156
Soybean oil	4,218	3,689
Cottonseed oil	4,563	7,088
Sunflower oil	21,192	4,507
Other vegetable oils and waxes	128,800	92,872
Tobacco—unmfg	674,685	701,355
Cotton, excl. linters	161,628	111,852
Cotton linters	4,616	2,564
Essential oils	147,665	176,375
Seeds—field and garden	216,463	253,785
Coffee	3,905	9,737
Cocoa	1,201	1,131
Tea and mate	18,064	15,835
Spices	9,968	14,146
Flavoring sirups and extract	0	0
Rubber—crude natural	4,009	4,045
Fibers excl. cotton	653	486
Nursery and greenhouse products	69,683	75,984
Beverages excl. juices	84,510	73,046
Other miscellaneous vegetable products	154,339	198,957

[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 1995–97 [1]

Country	1995			1996			1997		
	Total	Non-competitive [2]	Competitive [2]	Total	Non-competitive [2]	Competitive [2]	Total	Non-competitive [2]	Competitive [2]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Canada	5,431.9	358.7	5,073.2	6,488.6	376.2	6,112.3	7,293.2	462.5	6,830.7
Mexico	3,770.2	696.6	3,073.6	3,729.2	675.3	3,053.9	3,940.6	760.7	3,179.8
Indonesia	1,378.1	1,248.4	129.7	1,521.4	1,343.6	177.8	1,591.0	1,309.6	281.4
Brazil	1,329.6	736.4	593.2	1,250.5	432.1	818.4	1,517.5	602.6	914.8
Italy	1,034.8	62.2	972.6	1,250.3	79.5	1,170.8	1,367.1	84.3	1,282.8
Colombia	1,148.6	734.4	414.2	1,146.2	665.5	480.7	1,349.2	905.8	443.4
Netherlands	1,082.9	112.6	970.3	1,173.8	111.7	1,062.2	1,227.3	124.1	1,103.3
France	923.8	105.7	818.0	1,050.7	87.7	962.9	1,196.1	112.3	1,083.8
Australia	871.0	15.7	855.2	855.1	9.9	845.2	927.9	10.7	917.1
Thailand	916.7	474.3	442.3	857.0	352.5	504.5	897.1	346.2	550.9
New Zealand	764.2	28.8	735.4	736.9	29.3	707.7	849.8	28.9	820.9
Germany	694.9	182.0	512.9	751.0	178.0	573.0	816.5	205.9	610.6
Chile	538.0	7.6	530.3	696.9	15.7	681.3	755.1	7.8	747.3
Costa Rica	623.2	393.8	229.4	673.8	416.7	257.1	740.4	465.2	275.2
Guatemala	665.6	484.9	180.7	660.5	404.2	256.4	738.9	506.4	232.5
Argentina	451.9	40.0	411.9	707.3	39.4	667.9	690.8	50.8	640.0
Philippines	542.5	18.4	524.2	556.7	18.1	538.5	651.0	17.3	633.7
China	496.3	135.6	360.6	546.1	144.0	402.1	644.9	159.9	485.0
India	447.2	179.5	267.8	546.8	192.9	354.0	617.6	257.9	359.7
Ecuador	552.9	478.7	74.3	536.1	430.2	105.8	565.4	442.4	122.9
Spain [3]	459.1	24.3	434.7	502.7	28.1	474.6	543.7	36.6	507.1
Turkey	222.4	25.1	197.3	299.9	25.6	274.2	509.2	23.9	485.3
United Kingdom	373.3	70.6	302.7	405.1	67.9	337.2	452.8	85.6	367.2
Malaysia	468.8	259.8	209.0	429.9	227.5	202.4	451.6	218.8	232.8
Denmark	446.7	71.2	375.6	422.1	42.7	379.4	416.4	47.4	369.0
Dominican Republic	320.6	115.6	205.0	375.4	102.0	273.3	408.9	92.4	316.5
Ireland	264.5	39.7	224.8	283.4	46.4	237.0	316.9	54.6	262.3
Honduras	260.0	187.6	72.4	286.3	220.9	65.4	296.8	222.4	74.4
Japan	314.3	50.6	263.7	293.0	54.3	238.7	291.0	57.6	233.4
Hungary	56.1	2.3	53.8	49.5	2.6	46.8	83.5	3.9	79.6
Peru	162.0	97.7	64.3	181.6	100.1	81.4	275.0	179.0	96.0
Ivory Coast	154.7	146.9	7.7	314.1	312.4	1.7	222.6	217.5	5.0
Taiwan	137.0	5.8	131.2	157.7	8.8	148.9	165.2	6.5	158.7
Belgium/Luxembourg	145.1	45.1	100.0	147.5	41.6	105.9	163.1	43.9	119.2
Greece	146.2	1.8	144.4	139.5	2.2	137.3	162.5	2.6	159.8
Switzerland	142.9	51.5	91.4	145.9	54.4	91.5	150.9	76.1	74.7
El Salvador	86.2	48.0	38.2	102.1	57.8	44.2	150.2	94.4	55.8
Vietnam	112.1	110.5	1.6	160.1	145.5	14.7	140.6	108.7	32.0
Panama	92.2	58.8	33.4	118.4	83.0	35.4	117.1	76.3	40.7
Rep. S. Africa	79.6	5.6	74.1	89.8	8.4	81.4	109.4	9.8	99.6
Sweden	89.3	44.7	44.6	72.2	41.1	31.1	102.4	41.9	60.5
Israel, incl Gaza	79.8	11.9	67.9	93.1	18.3	74.8	100.8	14.6	86.2
Korea, Rep. of	73.8	8.1	65.7	78.2	7.0	71.2	94.8	8.8	85.9
Nicaragua	68.1	3.4	64.7	84.2	10.8	73.5	87.1	20.2	66.9
Hong Kong	96.3	8.3	88.0	97.9	13.8	84.1	86.4	12.0	74.4
Hungary	56.1	2.3	53.8	49.5	2.6	46.8	83.5	3.9	79.6
Venezuela	44.2	25.6	18.6	99.6	67.8	31.8	75.7	43.8	31.9
Poland	65.3	2.4	62.9	72.9	3.1	69.8	75.3	4.2	71.1
Uruguay	27.3	0.5	26.9	50.1	0.3	49.8	69.2	0.8	68.4
Malawi	32.7	3.8	28.9	67.0	4.6	62.4	67.2	4.8	62.4
Portugal	46.7	0.6	46.1	54.7	0.5	54.2	67.1	0.5	66.5
Other	1,133.4	441.3	692.2	1,168.4	373.3	795.3	1,167.5	436.3	732.1
Total [4]	29,865.0	8,463.4	21,401.6	32,577.2	8,175.3	24,401.9	35,798.3	9,107.2	26,691.2

[1] Fiscal years Oct. 1–Sept. 30. [2] Competitive agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers. [3] Beginning January 1, 1984 includes Canary Islands. [4] Totals may not add due to rounding.

ERS, Market and Trade Economics Division, (202) 694–5272. Compiled from reports of the U.S. Department of Commerce.

Table 15-13.—European Community: Value of agricultural imports by origin, 1987–96 [1]

Year [2]	United States	EC countries	Other countries	Total
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
1987	7,963	76,347	38,435	122,745
1988	8,232	84,372	42,658	135,262
1989	7,510	85,284	41,964	134,758
1990	8,183	101,050	44,941	154,174
1991	7,894	108,785	45,686	162,365
1992	8,810	119,124	47,092	175,026
1993	8,125	99,265	42,655	150,045
1994	8,405	109,913	51,108	169,426
1995	8,567	122,003	54,104	184,674
1996	9,026	127,148	54,939	191,112

[1] EC-12. Based on bilateral import data from the United Nations. [2] Data on calendar year basis.

ERS, Market and Trade Economics Division, (202) 694–5273.

Table 15-14.—Fisheries: Landings and value of principal species: 1991–97 [1]

[Preliminary]

Species	Landings						
	1991	1992	1993	1994	1995	1996	1997
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Fish:							
Cod, Atlantic	93	62	51	39	30	31	27
Flounder	405	646	599	427	423	460	566
Haddock	4	5	2	1	1	1	3
Halibut	66	67	63	58	45	49	70
Herring, sea	230	282	216	214	265	318	348
Jack mackerel	4	3	4	6	4	5	3
Menhaden	1,977	1,644	1,983	2,324	1,847	1,755	2,028
Ocean perch, Atlantic	1	2	2	1	1	1	1
Pollock	2,873	2,952	3,258	3,133	2,853	2,630	2,522
Salmon, Pacific	783	716	888	901	1,137	877	568
Tuna	36	57	55	72	14	85	83
Whiting	37	36	36	36	34	35	34
Shellfish:							
Clams (meats)	134	142	148	131	134	123	114
Crabs	650	624	604	447	364	392	430
Lobsters, American	63	56	57	66	66	71	84
Oysters (meats)	32	36	34	38	40	38	40
Scallops (meats)	40	34	19	25	20	18	15
Shrimp	320	338	293	283	307	317	290
	Value						
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Fish:							
Cod, Atlantic	74	52	45	36	28	27	24
Flounder	145	144	136	127	150	154	131
Haddock	5	6	3	1	1	1	4
Halibut	100	54	62	85	67	83	117
Herring, sea	37	43	25	31	59	81	23
Jack mackerel	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Menhaden	78	83	103	128	99	94	112
Ocean perch, Atlantic	1	1	1	1	5	(2)	(2)
Pollock	251	335	358	383	266	243	248
Salmon, Pacific	360	583	424	456	527	369	270
Tuna	75	91	91	108	103	110	110
Whiting	11	11	13	14	15	13	15
Shellfish:							
Clams (meats)	125	127	138	122	140	128	130
Crabs	415	471	510	533	512	427	430
Lobsters, American	165	161	152	196	215	242	267
Oysters (meats)	98	115	87	133	102	115	117
Scallops (meats)	162	164	109	124	95	102	94
Shrimp	513	480	413	564	570	509	544

[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, 1991–97 [1]

[1996 is preliminary]

Product	Production						
	1991	1992	1993	1994	1995	1996	1997
	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	398
Cod	71	65	50	58	65	67	79
Flounder	48	46	35	35	35	29	26
Haddock	8	5	4	3	3	4	7
Ocean perch, Atlantic	1	1	1	(3)	(3)	2	1
Rockfish	22	19	18	23	25	20	15
Pollock, Atlantic	8	9	8	7	4	2	1
Pollock, Alaska	152	165	161	141	135	136	112
Other	163	139	143	158	118	163	157
	Value						
	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	909
Cod	180	158	121	135	152	163	179
Flounder	147	120	100	89	86	79	75
Haddock	30	19	16	12	11	14	24
Ocean perch, Atlantic	1	3	2	1	1	4	3
Rockfish	36	30	30	33	38	42	30
Pollock, Atlantic	18	19	17	16	10	5	2
Pollock, Alaska	206	205	185	141	184	159	129
Other	403	358	376	406	359	438	467

[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, 1990–97 [1]

[1995 is preliminary]

Product	Production							
	1990	1991	1992	1993	1994	1995	1996	1997
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Total [2]	1,178	1,386	1,544	1,709	1,768	1,927	1,877	1,565
Tuna	581	593	609	619	610	667	676	627
Salmon	196	196	150	198	207	249	197	162
Clam products	110	129	129	117	122	129	129	127
Jack mackerel [3]	23	9	5	NA	NA	NA	NA	NA
Sardines, Maine	13	14	17	14	16	14	18	16
Shrimp	1	1	1	1	(5)	(5)	(5)	1
Crabs	1	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Oysters [4]	1	1	NA	(5)	(5)	(5)	(5)	(5)
	Value							
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Total [2]	1,562	1,644	1,577	1,688	1,796	1,887	1,800	1,593
Tuna	902	877	888	904	963	939	957	919
Salmon	366	413	294	307	329	419	284	253
Clam products	76	84	88	92	106	111	117	115
Jack mackerel [3]	11	3	2	NA	NA	NA	NA	NA
Sardines, Maine	17	19	25	25	28	24	30	29
Shrimp	3	4	4	4	4	7	6	5
Crabs	4	(5)	1	1	(5)	(5)	(5)	(5)
Oysters [4]	1	2	NA	(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, 1992–97, by area

[1992–97 are preliminary]

Area	1977 [1]			1992		1993	
	Fishermen	Fishing vessels	Fishing boats [2]	Total catch	Value	Total catch	Value
	1,000	*Number*	*1,000*	*Mil. lb.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*
United States	182.1	17,545	89.2	9,637	3,678	10,467	3,471
New England States	31.7	929	15.4	647	604	605	552
Middle Atlantic States	17.3	573	11.3	261	156	258	155
Chesapeake Bay States	27.9	2,086	19.0	688	127	813	162
South Atlantic States	11.6	1,463	6.7	238	152	250	161
Gulf States	29.3	5,328	11.0	1,426	652	1,715	631
Pacific Coast States	54.0	7,643	15.4	6,318	1,895	6,760	1,722
Great Lakes States	1.2	217	0.5	31	22	32	19
Hawaii	2.7	101	1.3	28	70	34	69

	1994		1995		1996		1997	
	Total catch	Value	Total catch	Value	Total catch	Value	Total catch	Value
	Mil. lb.	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*
United States	10,401	3,807	9,787	3,736	9,565	3,487	9,846	3,467
New England States	558	583	593	581	642	564	642	575
Middle Atlantic States	253	149	240	180	242	182	237	200
Chesapeake Bay States	648	162	846	174	729	159	688	169
South Atlantic States	287	215	277	238	269	210	299	213
Gulf States	2,153	806	1,465	725	1,497	680	1,790	759
Pacific Coast States	6,506	1,810	6,307	1,757	6,129	1,611	6,126	1,464
Great Lakes States	29	19	29	21	25	17	26	17
Hawaii	27	62	30	60	32	64	37	69

[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, 1988–97

[1988–97 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*
1988	7,192	4,588	2,604	3,520	48.9
1989	8,463	6,204	2,259	3,238	38.3
1990	9,404	7,041	2,363	3,522	37.4
1991	9,484	7,031	2,453	3,308	34.9
1992	9,637	7,618	2,019	3,678	38.2
1993	10,467	8,214	2,253	3,471	33.2
1994	10,461	7,936	2,525	3,807	36.8
1995	9,788	7,667	2,121	3,770	38.5
1996	9,565	7,475	2,090	3,487	36.5
1997	9,846	7,248	2,598	3,467	35.2

[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, 1988–97 [1]

[1988–97 are preliminary]

Item	1988	1989	1990	1991	1992
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Total	14,628	15,485	16,349	16,364	16,106
For human food	10,505	12,268	12,662	13,020	13,242
Finfish	7,786	9,735	10,120	10,186	10,297
Shellfish [2]	2,719	2,533	2,542	2,834	2,945
For industrial use	4,123	3,217	3,687	3,344	2,864
Domestic catch	7,192	8,463	9,404	9,484	9,637
Percent of total	49.2	54.7	57.5	58.0	59.8
For human food	4,588	6,204	7,041	7,031	7,618
Finfish	3,306	4,897	5,747	5,564	6,182
Shellfish [2]	1,282	1,307	1,294	1,467	1,436
For industrial use	2,604	2,259	2,363	2,453	2,019
Imports [3]	7,436	7,022	6,945	6,879	6,469
Percent of total	50.8	45.3	42.5	42.0	40.2
For human food	5,917	6,064	5,621	5,989	5,624
Finfish	4,480	4,838	4,373	4,622	4,115
Shellfish [2]	1,437	1,226	1,248	1,367	1,509
For industrial use [4]	1,519	958	1,324	890	845

Item	1993	1994	1995	1996	1997
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Total	20,334	19,309	16,484	16,474	17,131
For human food	13,821	13,714	13,584	13,626	13,739
Finfish	10,796	10,719	10,692	10,699	10,577
Shellfish [2]	3,025	2,995	2,891	2,927	3,162
For industrial use	6,513	5,595	2,900	2,848	3,392
Domestic catch	10,467	10,461	9,788	9,565	9,845
Percent of total	51.5	54.2	59.4	58.1	7,248
For human food	8,214	7,936	7,667	7,476	5,969
Finfish	6,770	6,612	6,414	6,205	1,279
Shellfish [2]	1,444	1,324	1,252	1,271	2,597
For industrial use	2,253	2,525	2,121	2,089	7,286
Imports [3]	9,867	8,848	6,696	6,909	43
Percent of total	48.5	45.8	40.6	41.9	6,491
For human food	5,607	5,778	5,917	6,150	4,608
Finfish	4,026	4,107	4,278	4,494	1,883
Shellfish [2]	1,581	1,671	1,639	1,656	795
For industrial use [4]	4,260	3,070	779	759	759

[1] Live weight, except percent. [2] For univalve and bivalves mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell is reported. [3] Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. [4] Fish meal and sea herring.

U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-20.—Fisheries: Disposition of domestic catch, 1988–97 [1]

[1988–97 are preliminary]

Disposition	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Fresh and frozen	3,813	5,585	6,501	6,541	7,288	7,744	7,475	7,099	7,054	6,877
Canned	1,017	798	751	674	543	649	622	769	678	648
Cured	86	128	126	119	110	115	95	90	93	108
Reduced to meal, oil, etc	2,276	1,952	2,026	2,150	1,696	1,959	2,269	1,830	1,740	2,213
Total	7,192	8,463	9,404	9,484	9,637	10,467	10,461	9,788	9,565	9,846

[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, 1990–97 [1]

Item	Production							
	1990	1991	1992	1993	1994	1995	1996	1997 [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	414	420	400	372	370	355	372	346
Steaks	26	53	49	48	55	30	51	52
Fish sticks	65	63	58	68	58	74	65	69
Fish portions	243	205	194	206	196	251	214	196
Breaded shrimp	111	116	122	111	113	100	108	117
Canned products [2]	1,178	1,386	1,544	1,709	1,768	1,927	1,877	1,565
Fish and shellfish	957	981	936	983	986	1,085	1,053	953
Animal feed	221	405	608	726	782	842	824	612
Industrial products	NA	NA	NA	NA	NA	NA	NA	NA
Meal and scrap	577	613	644	751	808	667	643	725
Oil (body and liver)	282	267	185	293	291	242	248	283
Solubles	186	170	93	127	147	90	82	144
Other	NA	NA	NA	NA	NA	NA	NA	NA

Item	Value							
	1990	1991	1992	1993	1994	1995	1996	1997 [3]
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Fresh and frozen	.....	.....	.....	.....	.....	.....	.....	.....
Fillets	764	907	825	755	747	767	807	815
Steaks	80	114	87	93	89	73	97	94
Fish sticks	75	78	56	68	51	73	56	64
Fish portions	353	313	296	313	268	357	307	285
Breaded shrimp	353	336	350	317	305	299	342	333
Canned products [2]	1,562	1,644	1,577	1,688	1,796	1,887	1,800	1,593
Fish and shellfish	1,415	1,439	1,330	1,375	1,471	1,544	1,429	1,361
Animal feed	147	205	247	313	325	343	371	232
Industrial products	207	208	203	226	248	247	274	347
Meal and scrap	121	128	122	130	134	122	138	174
Oil (body and liver)	29	30	27	41	37	42	44	55
Solubles	14	12	8	10	15	8	6	10
Other	43	38	43	44	62	75	88	109

[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, 1990–97 [1]

Product	Quantity							
	1990	1991	1992	1993	1994	1995	1996	1997
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Imports								
Edible	2,885	3,015	2,894	2,917	3,035	3,066	3,170	3,339
Fresh or frozen	2,336	2,419	2,345	2,451	2,528	2,597	2,727	2,861
Salmon [2]	104	107	103	115	117	126	142	163
Tuna	454	496	437	436	458	496	529	438
Groundfish fillets, blocks [3]	442	420	361	349	347	372	385	384
Other fillets and steaks	257	310	276	254	292	316	326	339
Scallops (meats)	40	30	39	52	57	48	59	60
Lobster, American and spiny	74	66	60	59	63	66	63	65
Shrimp and prawn	492	530	586	593	622	591	579	645
Canned	458	513	469	382	419	378	354	176
Sardines, in oil	19	17	13	14	14	14	13	13
Sardines and herring, not in oil	41	35	25	26	30	28	30	31
Tuna	285	352	323	224	249	215	193	212
Oysters	14	12	13	13	12	11	10	10
Pickled or salted	45	45	42	46	42	39	37	37
Cod, haddock, hake, pollock, cusk	11	11	10	12	7	5	5	5
Nonedible scrap and metal	239	159	151	761	548	139	136	142
Exports								
Canned salmon	49	66	78	85	91	98	96	821
Fish oil, nonedible	222	254	177	184	243	260	187	215

Product	Value							
	1990	1991	1992	1993	1994	1995	1996	1997
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Imports								
Edible	5,233	5,672	5,706	5,849	6,645	6,792	6,730	7,754
Fresh or frozen	4,521	4,859	4,946	5,178	5,917	6,072	6,044	7,022
Salmon [2]	253	243	234	247	253	281	305	344
Tuna	339	341	353	381	426	458	510	494
Groundfish fillets, blocks [3]	693	770	581	508	487	511	498	534
Other fillets and steaks	458	533	476	507	551	632	645	727
Scallops (meats)	130	111	160	219	216	174	198	237
Lobster, American and spiny	440	420	432	377	448	492	446	481
Shrimp and prawn	1,639	1,836	2,000	2,153	2,654	2,565	2,448	2,943
Canned	543	642	580	494	542	503	474	525
Sardines, in oil	27	29	24	26	25	26	23	25
Sardines and herring, not in oil	30	28	23	24	24	23	26	26
Tuna	294	359	309	226	286	234	216	250
Oysters	27	32	37	36	31	31	29	25
Pickled or salted	49	56	60	54	47	47	47	47
Cod, haddock, hake, pollock, cusk	18	22	23	23	14	10	9	8
Nonedible scrap and metal	39	32	35	106	77	25	34	36
Exports								
Canned salmon	104	134	154	161	164	175	154	135
Fish oil, nonedible	24	35	29	28	30	44	36	54

[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, 1988–97 [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.*
1988	8,872	2,971	5,459	3,413	2,275	1,086	2,213	62
1989	9,604	3,243	5,498	4,107	4,707	1,406	2,356	2,351
1990	9,048	2,885	5,233	3,815	5,639	1,947	2,881	2,758
1991	9,435	3,015	5,672	3,763	6,542	2,059	3,156	3,386
1992	9,871	2,894	5,706	4,165	7,120	2,088	3,466	3,654
1993	10,622	2,917	5,849	4,774	6,925	1,986	3,077	3,848
1994	11,987	3,035	6,645	5,342	7,381	1,979	3,126	4,255
1995	12,452	3,066	6,792	5,660	8,268	2,047	3,262	5,006
1996	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

[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, 1994–97, and Pacific Coasts, 1992–93, 1996, and 1997

Subregion	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
North Atlantic	6,281	6,537	6,756	7,625
Mid-Atlantic	16,237	15,576	16,502	17,229
South Atlantic [2]	19,928	18,754	16,823	17,997
Gulf [2]	17,504	17,115	16,319	18,103
Total [3]	59,950	57,982	56,400	60,954

Subregion	1992	1993	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Southern California	5,752	4,300	3,682	3,232
Northern California	2,097	2,340	1,934	1,906
Oregon	586	579	491	593
Washington	([4])	([4])	1,658	1,455
Total [3]	8,435	7,219	7,765	7,186

[1] Atlantic and Gulf Coast data for 1991–1993 have been revised. Data does not include recreational catch in Texas. The 1993 Mid-Atlantic totals were corrected for errors made in 1995. [2] Does not include catch from headboats (party boats). [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 data were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-25.—Fish caught: Estimated number of fish caught by marine recreational fishermen by subregion and year, Atlantic, Gulf Coasts, and Pacific Coasts, 1994–97

Subregion	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
North Atlantic	25,880	21,983	23,427	24,409
Mid-Atlantic	94,945	88,522	86,419	103,163
South Atlantic [2]	72,173	65,240	51,257	58,381
Gulf [2]	148,856	135,782	118,625	151,462
Total [3]	341,854	311,527	279,728	337,415

Subregion	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Southern California	19,660	18,886	17,646	15,492
Northern California	5,941	7,372	6,736	6,013
Oregon	1,554	1,430	1,354	2,030
Washington	([4])	([4])	8,037	5,286
Total [3]	27,155	27,688	33,774	28,821

[1] Atlantic and Gulf Coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] Does not include catch for headboats (party boats). [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-26.—Fish caught: Estimated number of fish caught by marine recreational fishermen by mode and year, Atlantic, Gulf Coasts, and Pacific Coasts, 1994–97

Mode	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
Shore	103,334	80,968	73,779	80,792
Party/charter [2]	24,660	32,643	28,046	30,530
Private/rental	213,860	197,916	177,903	226,094
Total [3]	341,854	311,527	279,728	337,415

Mode	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Shore	7,409	8,010	12,048	8,852
Party/charter	7,053	6,633	8,017	5,920
Private/rental	12,693	13,045	13,709	14,049
Total [3]	27,155	27,688	33,774	28,821

[1] Atlantic and Gulf Coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] Does not include catch for headboats (party boats) in the South Atlantic or Gulf of Mexico. [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-27.—Fish caught: Estimated number of fish caught by marine recreational fishermen by species group and year, Atlantic and Gulf coasts, 1994–97 [1]

Species group	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Sharks, other	2,001	2,016	1,766	1,764
Sharks, dogfish	993	833	810	1,340
Skates/rays	2,939	2,353	2,869	2,843
Eels	186	152	142	92
Herrings	38,007	30,027	29,017	39,054
Freshwater catfishes	1,377	666	1,024	826
Saltwater catfishes	14,441	13,859	8,025	10,608
Toadfishes	1,781	1,632	1,050	1,142
Atlantic cod	1,861	1,942	1,080	989
Pollock	862	832	433	285
Red hake	369	184	73	372
Codfishes/hakes, other	130	266	90	149
Searobins	4,707	4,793	5,378	5,761
Sculpins	136	71	78	32
White perch	4,648	3,489	4,746	6,803
Striped bass	8,521	10,758	14,101	17,415
Temperate basses, other	32	23	6	0
Black sea bass	11,892	17,723	12,750	14,075
Groupers	4,583	4,923	3,079	3,845
Sea basses, other	2,138	2,068	2,114	2,035
Bluefish	12,405	10,940	10,370	13,102
Crevalle jack	2,978	3,951	3,711	4,809
Blue runner	5,692	2,319	2,126	3,550
Greater amberjack	332	164	258	144
Florida pompano	425	644	296	727
Jacks, other	1,878	1,625	1,855	1,758
Dolphins	2,449	2,613	1,905	2,464
Gray snapper	4,845	4,552	4,413	5,340
Red snapper	2,011	1,608	1,733	3,005
Lane snapper	1,088	859	562	912
Vermilion snapper	826	1,200	467	470
Yellowtail snapper	1,247	1,334	1,041	1,448
Snappers, other	462	492	345	326
Pigfish	4,918	4,199	2,910	2,967
White grunt	5,784	5,678	3,704	4,525
Grunts, other	3,186	3,379	3,361	3,562
Scup	5,662	3,688	4,858	3,077
Pinfishes	16,063	16,855	14,828	19,383
Sheepshead	4,383	5,118	3,542	3,883
Red porgy	166	230	256	84
Porgies, other	434	484	411	634
Spotted seatrout	22,181	24,615	20,563	26,153
Weakfish	4,929	5,739	7,594	6,818
Sand seatrout	5,665	4,355	4,624	3,309
Silver perch	1,729	2,146	1,637	826
Spot	18,491	11,567	7,364	9,905
Kingfishes	4,805	4,333	4,408	5,048
Atlantic croaker	26,671	17,753	16,867	25,369
Black drum	1,125	1,595	1,196	1,709
Red drum	7,609	9,236	7,085	8,637
Drums, other	1,622	1,354	1,041	1,445
Mullets	4,386	4,657	3,612	3,185
Barracudas	906	908	832	588
Tautog	2,653	3,816	2,279	1,777
Cunner	1,255	1,375	619	792
Wrasses, other	227	185	116	114
Little tunny/Atl. bonito	982	782	703	970
Atlantic mackerel	4,860	4,008	3,650	5,192
King mackerel	1,148	1,252	1,235	1,383
Spanish mackerel	3,850	2,568	2,988	3,465
Tunas/mackerels, other	1,018	1,029	940	952
Summer flounder	17,741	16,238	19,801	20,044
Gulf flounder	776	163	168	390
Southern flounder	1,369	1,446	1,192	1,280
Winter flounder	2,300	2,324	2,913	2,094
Flounders, other	2,173	1,284	1,470	1,747
Triggerfishes/filefishes	918	897	734	733
Puffers	1,141	935	811	1,028
Other fishes	20,488	14,426	11,697	16,849
Total [2]	341,856	311,528	279,722	337,415

[1] Altantic and Gulf coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] Totals may not add due to rounding.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-28.—Fish caught: Estimated number of fish caught by marine recreational fishermen by species group and year, Pacific coast[1], 1994–97

Species group	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Spiny dogfish	35	28	633	538
Sharks, other	382	523	339	605
Skates/Rays	150	192	207	197
Sturgeons	35	73	71	67
Pacific herring	172	44	266	279
Other herrings	369	77	354	169
Northern anchovy	87	137	253	61
Other anchovies	28	1	1	4
Surf smelt	1,202	1,413	4,480	1,624
Smelts, other	16	9	286	41
Pacific cod	1	0	10	2
Pacific tomcod	0	3	17	22
Walleye pollock	1	0	0	0
Pacific hake	2	1	7	2
Other cods and hakes	0	0	1	0
Jacksmelt	327	775	616	637
Other Silversides	168	253	285	513
Striped bass	115	151	158	169
Kelpbass	1,848	1,599	1,696	1,723
Spotted sand bass	398	423	453	405
Barred sand bass	1,487	1,514	1,626	1,411
Sea basses, other	77	63	104	74
Yellowtail	24	30	92	855
Other jacks	20	51	5	11
White croaker	900	1,408	1,917	1,063
California corbina	26	57	37	24
Queenfish	178	116	237	103
Croakers, other	3,005	242	300	314
Opaleye	76	140	38	40
Halfmoon	73	98	49	28
Other seachubs	0	10	1	2
Shiner perch	107	83	338	321
Striped seaperch	73	98	248	113
Black perch	32	86	87	65
Walleye surfperch	139	171	158	208
Silver surfperch	46	57	56	115
White seaperch	11	44	55	43
Pile perch	31	29	147	46
Redtail surfperch	90	91	117	41
Barred surfperch	385	672	540	611
Surfperches, other	269	499	493	370
Pacific barracuda	1,765	1,379	582	849
California sheephead	86	60	80	47
Other wrasses	23	10	20	12
Pacific bonito	346	100	146	202
Chub mackerel	5,313	5,146	6,030	5,721
Tunas	7	32	3	9
Other Mackerels	23	37	13	151
Brown rockfish	67	80	113	101
Copper rockfish	158	77	214	102
Widow rockfish	12	9	36	48
Chilipepper rockfish	56	28	46	3
Yellowtail rockfish	163	140	208	352
Quillback rockfish	9	5	50	48
Black rockfish	693	631	596	595
Blue rockfish	539	440	623	736
Bocaccio	178	24	66	65
Canary rockfish	178	201	131	115
Greenspotted rockfish	151	179	84	44
Olive rockfish	134	66	64	62
Gopher rockfish	214	92	111	76
California scorpionfish	368	351	607	375
Rockfishes, other	1,930	1,611	2,187	1,320
Sablefishes	0	0	0	0
Kelp greenling	101	95	216	176
Lingcod	261	243	344	282
Greenlings, other	40	57	135	85
Cabezon	76	85	110	74
Sculpins, other	164	441	366	500
Sanddabs	265	179	537	578
California halibut	491	924	723	510
Rock sole	1	1	17	39
Starry flounder	3	6	4	11
Flatfishes, other	149	103	515	492
Other fishes	802	3,594	1,765	2,121
Total[2]	27,151	27,687	33,484	28,822

[1] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. 1993–1994 data were revised. Pacific estimates do not include salmon data collected by State recreational surveys. [2] Totals may not add due to rounding.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division. (301) 713–2328.

Table 15-29.—Fish caught: Estimated number of fish caught by marine recreational fishermen by area of fishing and year, Atlantic and Gulf Coasts and Pacific Coast, 1994–97

Area	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
Ocean 3 miles or less	62,185	59,142	53,559	62,035
Ocean over 3 miles	24,069	31,137	26,378	30,569
Ocean 10 miles or less [2]	38,505	41,320	27,126	36,115
Ocean over 10 miles [2]	12,959	16,461	11,406	8,155
Inland	204,137	163,467	161,204	200,541
Total [3]	341,855	311,527	279,673	337,415

Area	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Ocean 3 miles or less	18,283	17,841	17,767	17,273
Ocean over 3 miles	5,394	4,803	4,334	1,962
Inland	3,492	4,965	11,672	9,586
Total [3]	27,169	27,609	33,773	28,821

[1] Atlantic and Gulf Coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] This category refers only to the Florida Gulf Coast where State jurisdiction extends to 3 marine leagues, approximately 10 nautical miles. [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1994–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 data were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division. (301) 713–2328.

Table 15-30.—Farm-raised catfish: Processed, sales, inventory, and imports, 1989–98

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*
1989	341,900	71.5	83,952	92,341	176,293	8,147	6,824
1990	360,435	75.8	81,269	101,877	183,146	9,384	4,025
1991	390,870	63.1	87,087	112,722	199,809	9,635	5,186
1992	457,367	59.8	99,925	131,411	231,336	11,629	2,927
1993	459,013	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

[1] Price for fish delivered to processing plant door. [2] Data furnished by U.S. Bureau of Census.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 15-31.—Farm-raised catfish: Prices received by processors, 1989–98

Year	Whole fish fresh [1]	Fillets fresh [2]	Other fresh [3]	Whole fish frozen [1]	Fillets frozen [2]	Other frozen [3]
	Dollars per/lb	*Dollars per/lb*	*Dollars per/lb*	*Dollars per/lb*	*Dollars per/lb*	*Dollars per/lb*
1989	1.51	2.62	1.76	1.66	2.62	1.98
1990	1.62	2.75	1.96	1.72	2.70	2.06
1991	1.45	2.59	1.80	1.59	2.54	1.90
1992	1.32	2.47	1.80	1.55	2.43	1.90
1993	1.50	2.62	1.89	1.73	2.60	1.92
1994	1.70	2.88	1.92	1.98	2.86	1.97
1995	1.68	2.90	1.88	2.00	2.85	2.01
1996	1.68	2.87	1.79	1.99	2.78	1.88
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

[1] Dressed weight, (head, visera, and skin removed). [2] Includes regular, shank, and strip fillets; excludes any breaded product. [3] Includes nuggets, steaks, and all other products not already reported, includes weight of breading and added ingredients.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 15-32.—Refrigerated warehouses: Gross refrigerated space by type of plant, United States, biennially, October 1979–97 [1 2]

Type	1979	1981	1983	1985	1987
	1,000 Cubic Feet				
General:					
Public	908,394	956,153	1,028,300	1,110,394	1,285,860
Private and Semiprivate	529,483	539,992	573,463	589,132	676,369
Total	1,437,877	1,496,145	1,601,763	1,699,526	1,962,229
Apple:					
Public	31,611	26,940	18,871	19,383	19,750
Private and Semiprivate	382,977	401,889	445,996	466,768	494,404
Total	414,588	428,829	464,867	486,151	514,154
Total, all	1,852,464	1,924,973	2,066,631	2,185,677	2,476,384

Type	1989	1991	1993	1995	1997
	1,000 Cubic Feet				
General:					
Public	1,391,901	1,572,879	1,678,461	1,741,585	2,043,908
Private and Semiprivate	603,402	624,005	658,893	674,649	683,372
Total	1,995,303	2,196,884	2,337,354	2,416,234	2,727,280
Apple:					
Public	21,945	27,227	21,645	23,419	23,907
Private and Semiprivate	554,150	584,296	613,093	647,993	675,838
Total	576,095	611,523	634,737	671,412	699,745
Total, all	2,571,397	2,808,407	2,972,092	3,087,646	3,427,025

[1] Warehouse space is defined as all space artificially cooled to temperatures of 50 degrees F. or less, in which food commodities are normally held for 30 days or longer. [2] Totals may not add due to rounding.

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 15-33.—Apple and pear storages: Number of refrigerated warehouses, gross and usable refrigerated space, regular and CA capacity, by State and UnitedStates, October 1, 1997 [1 2]

State	Number of warehouses	Refrigerated space		Apple & pear storage capacity		
		Gross	Usable	Regular	Controlled atmosphere	Total
		1,000 Cubic feet	*1,000 Cubic feet*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
CA	35	29,786	23,903	5,590	2,188	7,778
CO	8	2,584	2,115	*	*	849
CT	33	1,651	1,316	397	147	544
ID	11	6,240	5,323	1,687	924	2,611
IL	18	1,457	1,202	*	*	502
IN	33	2,362	1,855	512	235	747
KY	4	139	110	36	.....	36
ME	29	3,362	2,870	469	793	1,261
MD	8	1,529	1,214	*	*	562
MA	56	4,166	3,480	917	585	1,502
MI	189	35,191	31,164	5,153	7,929	13,081
MN	13	796	683	*	*	277
NH	24	2,053	1,792	378	461	838
NJ	25	2,481	2,053	592	183	775
NY	156	34,664	30,332	5,879	6,996	12,875
NC	20	4,895	4,216	1,370	503	1,873
OH	59	3,706	3,060	937	310	1,247
OR	51	48,010	38,299	8,838	2,446	11,284
PA	123	26,711	21,351	4,998	1,981	6,978
RI	7	183	166	33	27	60
SC	5	1,003	850	*	*	340
UT	22	2,638	2,328	594	379	973
VT	12	2,535	2,152	347	607	954
VA	47	16,645	14,178	3,772	1,727	5,499
WA	274	453,234	362,698	60,364	121,008	181,371
WV	18	7,857	6,477	2,123	569	2,692
WI	8	305	269	*	*	175
Oth Sts	16	3,562	2,889	2,424	1,095	819
US	1,304	699,745	568,345	107,410	151,093	258,503

Not published to avoid disclosure of individual operations. Included in ''Other States'' and U.S. totals.
[1] Totals may not add due to rounding. [2] Firms in this table store only apples or pears.

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 15-34.—General storages: Gross and usable cooler and freezer space, by State and United States, October 1, 1997 [1] [2]

State	Cooler		Freezer		Total	
	Gross	Usable	Gross	Usable	Gross	Usable
	1,000 Cubic Feet					
AL	5,738	4,926	22,832	18,648	28,570	23,574
AK	242	234	1,708	1,609	1,950	1,843
AZ	1,372	1,137	3,211	2,604	4,583	3,741
AR	2,994	2,327	79,192	66,307	82,186	68,634
CA	137,192	108,679	232,868	185,016	370,060	293,695
CO	2,137	1,758	12,493	9,255	14,630	11,014
CT	*	*	*	*	2,301	2,032
DE	*	*	*	*	26,425	18,872
FL	61,457	49,762	163,464	134,331	224,921	184,093
GA	58,851	54,453	70,318	61,060	129,169	115,513
HI	1,103	474	3,346	1,767	4,449	2,241
ID	1,182	889	49,186	40,072	50,369	40,961
IL	23,572	17,056	88,286	65,654	111,858	82,710
IN	4,279	3,186	36,176	28,897	40,454	32,083
IA	8,421	6,090	49,209	41,177	57,631	47,268
KS	19,935	14,616	59,698	48,838	79,633	63,454
KY	2,679	1,842	6,705	4,731	9,384	6,573
LA	2,047	1,506	7,667	5,772	9,714	7,277
ME	*	*	*	*	16,757	12,042
MD	1,215	942	22,940	17,035	24,155	17,976
MA	3,643	3,017	39,318	30,748	42,961	33,765
MI	11,173	9,189	58,219	44,671	69,392	53,859
MN	16,907	12,081	45,430	35,030	62,337	47,111
MS	1,892	1,368	21,365	17,294	23,256	18,662
MO	29,874	24,713	60,293	48,376	90,167	73,089
MT	353	281	483	376	835	657
NE	9,590	7,847	25,341	20,137	34,931	27,984
NV	616	612	5,018	4,507	5,634	5,119
NH	*	*	*	*	*	*
NJ	19,046	16,002	47,836	37,901	66,882	53,903
NM	*	*	*	*	935	848
NY	25,776	19,647	58,714	41,342	84,491	60,989
NC	5,947	4,598	52,830	42,696	58,777	47,293
ND	*	*	*	*	*	*
OH	7,247	5,587	49,112	38,911	56,359	44,498
OK	1,645	1,260	7,769	5,175	9,414	6,435
OR	2,955	2,169	96,028	79,033	98,982	81,202
PA	12,071	7,820	90,166	71,431	102,237	79,251
RI	*	*	*	*	*	*
SC	1,133	917	17,801	14,956	18,934	15,873
SD	6,033	2,598	5,912	3,571	11,945	6,169
TN	2,213	1,664	41,440	32,703	43,652	34,368
TX	40,440	29,331	108,236	72,768	148,676	102,099
UT	3,128	2,370	24,611	20,198	27,739	22,568
VT	*	*	*	*	*	*
VA	18,928	15,640	31,639	24,647	50,567	40,287
WA	11,704	8,285	163,761	134,007	175,465	142,292
WV	*	*	*	*	2,061	788
WI	58,423	43,881	82,352	69,282	140,775	113,164
WY	*	*	*	*	*	*
Oth Sts	9,320	7,469	49,834	35,615	10,677	8,502
US	634,473	498,223	2,092,807	1,658,148	2,727,280	2,156,371

[1] Totals may not add due to rounding. [2] Excludes storages used exclusively for storing apples and pears. Includes frozen juice tank storage capacity. * Not published to avoid disclosure of individual operations. Included in "Other States" and U.S. totals.

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 15-35.—Alaska crops: Acreage harvested, volume harvested, and value of production, 1989–98

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*
1989	700	4,700	12,700	500	1,900	840	254
1990	600	5,400	15,100	200	1,200	590	264
1991	1,100	5,000	16,700	400	1,300	650	248
1992	200	2,500	15,800	300	900	560	271
1993	900	4,200	19,900	400	700	680	290
1994	1,200	6,400	18,300	400	900	780	271
1995	1,200	7,300	19,200	(3)	(3)	1,040	300
1996	700	6,900	20,200	(3)	(3)	630	343
1997	1,500	7,000	22,500	(3)	(3)	820	337
1998 [2]	1,500	6,500	21,500	(3)	(3)	820	NA

Year	Oats for grain	Barley for grain	All hay	Grain silage	Grass silage	Potatoes	Other vegetables [1]
	Volume harvested						
	Bushels	*Tons*	*Tons*	*Tons*	*Tons*	*Cwt.*	*Cwt.*
1989	55,700	249,000	16,500	3,400	5,300	196,000	30,960
1990	23,700	138,000	16,200	1,200	5,000	138,000	32,270
1991	59,400	250,000	19,500	3,000	3,700	140,000	29,615
1992	8,800	130,000	16,400	900	3,000	130,000	33,654
1993	46,000	164,000	18,000	1,200	2,600	157,000	40,084
1994	48,000	230,000	20,900	1,200	2,900	134,000	36,575
1995	70,200	372,000	22,800	(3)	(3)	220,000	41,150
1996	31,500	283,000	14,400	(3)	(3)	126,000	38,625
1997	65,300	164,500	26,000	(3)	(3)	168,000	40,685
1998 [2]	45,000	122,900	23,200	(3)	(3)	145,000	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*
1989	134,000	847,000	2,475,000	374,000	3,548,000	794,000
1990	56,000	455,000	2,754,000	260,000	2,746,000	880,000
1991	143,000	838,000	3,413,000	320,000	2,450,000	883,000
1992	21,000	436,000	2,870,000	225,000	2,470,000	940,000
1993	115,000	549,000	3,330,000	211,000	2,967,000	1,115,000
1994	120,000	771,000	3,762,000	228,000	2,600,000	1,083,000
1995	179,000	1,228,000	4,104,000	(3)	4,092,000	1,242,000
1996	79,000	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 [2]	117,000	442,000	4,640,000	(3)	3,030,000	NA

[1] Excludes greenhouse-grown vegetables. [2] Preliminary. [3] Data no longer estimated. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 15-36.—Crop ranking: Major field crops, rank by production, major States, 1997

Rank	State	Corn, grain	State	Soybeans	State	All wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	IA	1,656,000	IA	483,600	KS	506,000
2	IL	1,425,450	IL	427,850	ND	267,695
3	NE	1,151,700	MN	261,300	MT	185,630
4	MN	857,850	IN	237,600	OK	178,200
5	IN	719,550	OH	197,560	WA	168,080
6	OH	462,300	MO	177,025	TX	118,900
7	WI	402,600	NE	141,450	ID	114,060
8	KS	386,100	SD	120,750	SD	99,213
9	SD	333,200	AR	108,275	CO	94,700
10	MO	332,920	KS	88,800	MN	78,890
	US	9,365,574	US	2,727,254	US	2,526,552

Rank	State	Winter wheat	State	Durum wheat	State	Other spring wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	KS	506,000	ND	56,540	ND	210,000
2	OK	178,200	CA	13,680	MT	121,800
3	WA	144,050	AZ	8,010	MN	76,800
4	TX	118,900	MT	7,280	SD	67,200
5	CO	91,200	SD	513	ID	44,460
6	NE	70,300	MN	170	WA	24,030
7	IL	70,150		.....	OR	7,150
8	ID	69,600		.....	CO	3,500
9	OH	68,670		.....	UT	1,334
10	MO	57,200		.....	WY	756
	US	1,882,609	US	86,193	US	557,750

Rank	State	Sorghum, grain	State	Barley	State	Oats
		1,000 bushels		*1,000 bushels*		*1,000 bushels*
1	KS	273,000	ND	101,250	WI	20,790
2	TX	185,850	MT	63,600	ND	18,000
3	NE	61,500	ID	60,040	MN	17,980
4	MO	40,920	WA	37,240	IA	17,885
5	OK	24,500	MN	27,540	SD	17,050
6	IL	14,105	CO	10,080	PA	9,440
7	SD	11,360	CA	9,900	OH	7,800
8	AR	11,100	WY	9,200	NY	7,700
9	NM	10,340	OR	8,280	TX	5,720
10	LA	7,546	UT	8,170	IL	5,550
	US	653,106	US	374,478	US	176,104

Rank	State	All cotton	State	Peanuts	State	Rice
		1,000 bales		*1,000 pounds*		*1,000 cwt.*
1	TX	5,355	GA	1,336,440	AR	77,370
2	CA	2,620	TX	811,200	CA	42,341
3	GA	1,900	AL	364,800	LA	25,364
4	MS	1,810	NC	324,000	TX	14,240
5	AR	1,730	FL	230,160	MS	13,804
6	LA	985	OK	202,800	MO	5,777
7	NC	930	VA	199,800		.....
8	AZ	865	NM	46,710		.....
9	TN	656	SC	30,450		.....
10	MO	580		.....		.....
	US	18,977	US	3,546,360	US	178,896

Rank	State	All hay, baled	State	Alfalfa hay, baled	State	Other hay, baled
		1,000 tons		*1,000 tons*		*1,000 tons*
1	TX	10,790	CA	7,056	TX	10,320
2	CA	8,616	SD	5,290	MO	5,850
3	SD	8,090	WI	4,940	KY	4,600
4	MO	7,194	MN	4,868	OK	3,570
5	KS	6,840	ID	4,488	TN	3,570
6	NE	6,505	NE	4,225	KS	3,240
7	MN	6,488	IA	4,200	SD	2,800
8	WI	5,900	MT	3,960	AR	2,300
9	KY	5,590	KS	3,600	NE	2,280
10	MT	5,480	CO	3,198	VA	1,887
	US	152,120	US	79,242	US	72,878

Rank	State	All tobacco	State	Dry edible beans	State	Potatoes, Irish
		1,000 pounds		*1,000 cwt.*		*1,000 cwt.*
1	NC	714,120	ND	6,890	ID	135,430
2	KY	427,715	MI	5,033	WA	88,060
3	SC	126,360	NE	3,708	CO	28,037
4	VA	111,112	CA	2,970	WI	27,923
5	TN	104,488	MN	2,403	OR	27,161
6	GA	89,320	CO	2,280	ND	21,525
7	FL	19,635	ID	2,215	MN	20,440
8	IN	18,690	WA	850	ME	19,170
9	OH	18,620	WY	790	CA	16,188
10	PA	15,360	NY	617	MI	14,250
	US	1,678,821	US	29,156	US	459,912

NASS, Crops Branch, (202) 720–2127.

Table 15-37.—U.S. crop progress: 1998 crop and 5-year average

[In percent]

Week-ending date	Winter wheat							
	Planted		Emerged		Headed		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1997:[1]								
Sep 7	5	7	...	...	...	...	...	...
Sep 14	15	16	3	3	...	...	...	...
Sep 21	28	28	10	9	...	...	...	...
Sep 28	40	41	21	18	...	...	...	...
Oct 5	58	56	32	31	...	...	...	...
Oct 12	76	71	47	43	...	...	...	...
Oct 19	83	82	63	58	...	...	...	...
Oct 26	88	88	72	70	...	...	...	...
Nov 2	91	91	80	78	...	...	...	...
Nov 9	94	94	85	84	...	...	...	...
Nov 16	96	95	89	88	...	...	...	...
Nov 23	...	...	92	91	...	...	...	...
Nov 30	...	...	94	93	...	...	...	...
1998:								
Apr 5	...	...	...	...	2	2	...	...
Apr 12	...	...	...	...	3	3	...	...
Apr 19	...	...	...	...	8	7	...	...
Apr 26	...	...	...	...	14	13	...	...
May 3	...	...	...	...	24	22	...	...
May 10	...	...	...	...	38	34	...	...
May 17	...	...	...	...	60	48	...	...
May 24	...	...	...	...	75	63	...	...
May 31	...	...	...	...	86	77	2	2
Jun 7	...	...	...	...	93	85	9	4
Jun 14	...	...	...	...	97	91	18	10
Jun 21	...	...	...	...	...	...	35	21
Jun 28	...	...	...	...	...	...	52	33
Jul 5	...	...	...	...	...	...	69	50
Jul 12	...	...	...	...	...	...	76	63
Jul 19	...	...	...	...	...	...	83	73
Jul 26	...	...	...	...	...	...	87	80
Aug 2	...	...	...	...	...	...	91	86
Aug 9	...	...	...	...	...	...	93	91
Aug 16	...	...	...	...	...	...	96	94

Week-ending date	Spring wheat							
	Planted		Emerged		Headed		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1998:								
Apr 5	1	1	...	...	...	...	...	...
Apr 12	4	2	...	...	...	...	...	...
Apr 19	12	6	...	...	...	...	...	...
Apr 26	36	15	...	...	...	...	...	...
May 3	65	29	...	...	...	...	...	...
May 10	81	45	47	15	...	...	...	...
May 17	90	62	69	32	...	...	...	...
May 24	97	79	84	53	...	...	...	...
May 31	...	...	93	71	...	...	...	...
Jun 7	...	...	98	85	...	...	...	...
Jun 14	...	...	...	...	...	...	...	...
Jun 21	...	...	...	...	21	8	...	...
Jun 28	...	...	...	...	43	23	...	...
Jul 5	...	...	...	...	69	45	...	...
Jul 12	...	...	...	...	87	67	...	...
Jul 19	...	...	...	...	94	83	...	...
Jul 26	...	...	...	...	98	93	3	1
Aug 2	...	...	...	...	...	...	14	3
Aug 9	...	...	...	...	...	...	31	10
Aug 16	...	...	...	...	...	...	61	23
Aug 23	...	...	...	...	...	...	79	39
Aug 30	...	...	...	...	...	...	89	56
Sep 6	...	...	...	...	...	...	96	70

See footnote at end of table.

Table 15-37.—U.S. crop progress: 1998 crop and 5-year average—Continued

[In percent]

Week-ending date	Rice								Sorghum									
	Planted		Emerged		Headed		Harvested		Planted		Headed		Coloring		Mature		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1998:																		
Apr 5	10	10	...	...	...	...	...	...	13	14	...	...	...	...	...	...	...	...
Apr 12	23	17	...	...	...	...	...	...	15	15	...	...	...	...	...	...	...	...
Apr 19	41	27	...	...	...	...	...	...	17	17	...	...	...	...	...	...	...	...
Apr 26	54	41	...	...	...	...	...	...	18	20	...	...	...	...	...	...	...	...
May 3	62	53	...	...	...	...	...	...	21	23	...	...	...	...	...	...	...	...
May 10	71	65	53	44	...	...	...	...	26	27	...	...	...	...	...	...	...	...
May 17	79	77	66	57	...	...	...	...	33	33	...	...	...	...	...	...	...	...
May 24	86	87	72	70	...	...	...	...	48	43	...	...	...	...	...	...	...	...
May 31	92	94	77	82	...	...	...	...	64	53	...	...	...	...	...	...	...	...
Jun 7	98	98	84	90	...	...	...	...	77	63	...	...	...	...	...	...	...	...
Jun 14	...	...	91	96	...	...	...	...	85	76	...	...	...	...	...	...	...	...
Jun 21	...	...	95	99	5	3	...	...	90	87	...	...	...	...	...	...	...	...
Jun 28	...	...	...	...	13	6	...	...	94	94	...	...	...	...	...	...	...	...
Jul 5	...	...	...	...	17	9	...	...	...	...	...	...	...	...	...	...	...	...
Jul 12	...	...	...	...	27	15	...	...	...	...	24	25	...	...	...	...	...	...
Jul 19	...	...	...	...	37	23	...	...	...	...	33	29	17	18	...	...	...	...
Jul 26	...	...	...	...	43	34	...	...	...	...	43	37	20	20	...	...	...	...
Aug 2	...	...	...	...	56	47	...	...	...	...	53	49	24	23	...	...	...	...
Aug 9	...	...	...	...	67	63	9	6	...	...	73	62	28	26	...	...	...	...
Aug 16	...	...	...	...	78	80	15	9	...	...	84	76	37	31	...	...	...	...
Aug 23	...	...	...	...	87	90	19	14	...	...	93	87	46	39	...	...	...	...
Aug 30	...	...	...	...	94	96	26	20	...	...	96	93	62	51	26	25	...	...
Sep 6	...	...	...	...	...	...	35	26	...	...	...	...	81	65	37	30	24	22
Sep 13	...	...	...	...	...	...	48	37	...	...	...	...	90	78	48	36	27	25
Sep 20	...	...	...	...	...	...	60	50	...	...	...	...	96	87	61	46	30	28
Sep 27	...	...	...	...	...	...	71	62	...	...	...	...	...	...	76	58	34	31
Oct 4	...	...	...	...	...	...	80	75	...	...	...	...	...	...	85	72	41	36
Oct 11	...	...	...	...	...	...	88	85	...	...	...	...	...	...	93	83	49	45
Oct 18	...	...	...	...	...	...	93	91	...	...	...	...	...	...	96	91	63	56
Oct 25	...	...	...	...	...	...	97	96	...	...	...	...	...	...	...	...	75	67
Nov 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83	77
Nov 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	88	86
Nov 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91	92
Nov 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	94	95
Nov 29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	98

Week-ending date	Corn													
	Planted		Emerged		Silked		Dough		Dent		Mature		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1998:														
Apr 5	2	2	...	...	...	...	...	...	...	...	...	...	...	...
Apr 12	3	3	...	...	...	...	...	...	...	...	...	...	...	...
Apr 19	5	6	...	...	...	...	...	...	...	...	...	...	...	...
Apr 26	15	15	...	...	...	...	...	...	...	...	...	...	...	...
May 3	39	30	4	NA	...	...	...	...	...	...	...	...	...	...
May 10	60	46	17	NA	...	...	...	...	...	...	...	...	...	...
May 17	78	63	46	NA	...	...	...	...	...	...	...	...	...	...
May 24	93	79	72	NA	...	...	...	...	...	...	...	...	...	...
May 31	97	88	87	NA	...	...	...	...	...	...	...	...	...	...
Jun 7	...	...	94	NA	...	...	...	...	...	...	...	...	...	...
Jun 14	...	...	98	NA	...	...	...	...	...	...	...	...	...	...
Jun 21	...	...	...	...	3	2	...	...	...	...	...	...	...	...
Jun 28	...	...	...	...	4	3	...	...	...	...	...	...	...	...
Jul 5	...	...	...	...	8	6	...	...	...	...	...	...	...	...
Jul 12	...	...	...	...	24	12	...	...	...	...	...	...	...	...
Jul 19	...	...	...	...	55	27	6	4	...	...	...	...	...	...
Jul 26	...	...	...	...	80	51	12	8	...	...	...	...	...	...
Aug 2	...	...	...	...	91	73	23	15	...	...	...	...	...	...
Aug 9	...	...	...	...	96	87	40	27	...	...	...	...	...	...
Aug 16	...	...	...	...	...	...	64	43	20	12	...	...	...	...
Aug 23	...	...	...	...	...	...	82	61	39	22	...	...	...	...
Aug 30	...	...	...	...	...	...	92	77	65	40	14	8	...	...
Sep 6	...	...	...	...	...	...	97	88	82	58	25	14	4	3
Sep 13	...	...	...	...	...	...	...	...	93	76	51	25	8	4
Sep 20	...	...	...	...	...	...	...	...	97	88	74	43	14	7
Sep 27	...	...	...	...	...	...	...	...	...	...	89	62	22	10
Oct 4	...	...	...	...	...	...	...	...	...	...	95	80	31	16
Oct 11	...	...	...	...	...	...	...	...	...	...	...	...	43	25
Oct 18	...	...	...	...	...	...	...	...	...	...	...	...	57	38
Oct 25	...	...	...	...	...	...	...	...	...	...	...	...	72	53
Nov 1	...	...	...	...	...	...	...	...	...	...	...	...	83	68
Nov 8	...	...	...	...	...	...	...	...	...	...	...	...	90	82
Nov 15	...	...	...	...	...	...	...	...	...	...	...	...	94	90
Nov 22	...	...	...	...	...	...	...	...	...	...	...	...	97	95

See footnote at end of table.

Table 15-37.—U.S. crop progress: 1998 crop and 5-year average—Continued

[In percent]

Week-ending date	Soybeans											
	Planted		Emerged		Blooming		Pods set		Leaf drop		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1998:												
May 10	15	10	...	...	...	...	...	...	...	...	...	...
May 17	38	23	9	NA	...	...	...	...	...	...	...	...
May 24	63	42	30	NA	...	...	...	...	...	...	...	...
May 31	75	57	53	NA	...	...	...	...	...	...	...	...
Jun 7	86	68	71	NA	...	...	...	...	...	...	...	...
Jun 14	90	78	81	NA	...	...	...	...	...	...	...	...
Jun 21	93	87	88	NA	...	...	...	...	...	...	...	...
Jun 28	96	94	93	NA	5	3	...	...	...	...	...	...
Jul 5	...	...	96	NA	17	9	...	...	...	...	...	...
Jul 12	...	...	...	...	36	21	5	1	...	...	...	...
Jul 19	...	...	...	...	58	37	16	6	...	...	...	...
Jul 26	...	...	...	...	75	56	30	16	...	...	...	...
Aug 2	...	...	...	...	84	72	48	31	...	...	...	...
Aug 9	...	...	...	...	91	83	68	50	...	...	...	...
Aug 16	...	...	...	...	95	91	81	67	...	...	...	...
Aug 23	...	...	...	...	...	...	89	81	2	1	...	...
Aug 30	...	...	...	...	...	...	94	91	5	3	...	...
Sep 6	...	...	...	...	...	...	98	96	13	8	...	...
Sep 13	...	...	...	...	...	...	...	...	38	19	2	1
Sep 20	...	...	...	...	...	...	...	...	65	41	7	3
Sep 27	...	...	...	...	...	...	...	...	80	63	20	9
Oct 4	...	...	...	...	...	...	...	...	88	79	41	22
Oct 11	...	...	...	...	...	...	...	...	94	89	53	44
Oct 18	...	...	...	...	...	...	...	...	...	...	71	64
Oct 25	...	...	...	...	...	...	...	...	...	...	82	77
Nov 1	...	...	...	...	...	...	...	...	...	...	89	85
Nov 8	...	...	...	...	...	...	...	...	...	...	94	90
Nov 15	...	...	...	...	...	...	...	...	...	...	96	93

Week-ending date	Cotton									
	Planted		Squaring		Bolls set		Bolls open		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1998:										
Apr 5	5	6	...	...	...	...	...	...	...	...
Apr 12	7	8	...	...	...	...	...	...	...	...
Apr 19	10	14	...	...	...	...	...	...	...	...
Apr 26	15	22	...	...	...	...	...	...	...	...
May 3	24	32	...	...	...	...	...	...	...	...
May 10	40	46	...	...	...	...	...	...	...	...
May 17	62	61	...	...	...	...	...	...	...	...
May 24	76	74	...	...	...	...	...	...	...	...
May 31	83	84	8	8	...	...	...	...	...	...
Jun 7	89	89	15	14	...	...	...	...	...	...
Jun 14	94	94	26	24	...	...	...	...	...	...
Jun 21	...	...	43	38	...	...	...	...	...	...
Jun 28	...	...	59	54	16	11	...	...	...	...
Jul 5	...	...	72	70	26	19	...	...	...	...
Jul 12	...	...	81	82	45	31	...	...	...	...
Jul 19	...	...	89	90	61	47	...	...	...	...
Jul 26	...	...	92	95	73	65	...	...	...	...
Aug 2	...	...	97	98	83	79	...	...	...	...
Aug 9	...	...	...	...	89	88	14	8	...	...
Aug 16	...	...	...	...	93	94	20	12	...	...
Aug 23	...	...	...	...	95	97	27	19	...	...
Aug 30	...	...	...	...	...	...	37	28	...	...
Sep 6	...	...	...	...	...	...	51	40	...	...
Sep 13	...	...	...	...	...	...	62	53	12	8
Sep 20	...	...	...	...	...	...	73	65	17	12
Sep 27	...	...	...	...	...	...	82	74	23	16
Oct 4	...	...	...	...	...	...	87	81	34	23
Oct 11	...	...	...	...	...	...	93	86	43	32
Oct 18	...	...	...	...	...	...	96	91	51	41
Oct 25	...	...	...	...	...	...	...	...	61	50
Nov 1	...	...	...	...	...	...	...	...	68	60
Nov 8	...	...	...	...	...	...	...	...	75	69
Nov 15	...	...	...	...	...	...	...	...	80	77
Nov 22	...	...	...	...	...	...	...	...	86	82
Nov 29	...	...	...	...	...	...	...	...	90	87

See footnote at end of table.

Table 15-37.—U.S. crop progress: 1998 crop and 5-year average—Continued

[In percent]

Week-ending date	Oats								Barley							
	Planted		Emerged		Headed		Harvested		Planted		Emerged		Headed		Harvested	
	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg	1998	Avg
1998:																
Apr 5	3	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Apr 12	8	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Apr 19	20	15	...	...	...	...	...	...	15	12	...	...	...	...	...	...
Apr 26	48	27	...	...	...	...	...	...	33	20	...	...	...	...	...	...
May 3	73	42	...	...	...	...	...	...	58	33	...	...	...	...	...	...
May 10	86	58	57	27	...	...	...	...	79	48	43	20	...	...	...	...
May 17	94	73	76	45	...	...	...	...	89	64	66	34	...	...	...	...
May 24	...	...	90	64	...	...	...	...	97	80	83	54	...	...	...	...
May 31	...	...	96	78	...	...	...	...	...	...	92	71	...	...	...	...
Jun 7	...	...	...	...	...	...	...	...	...	...	97	86	...	...	...	...
Jun 21	...	...	...	...	41	23	...	...	...	...	...	...	23	13	...	...
Jun 28	...	...	...	...	71	44	...	...	...	...	...	...	37	28	...	...
Jul 5	...	...	...	...	84	66	...	...	...	...	...	...	59	48	...	...
Jul 12	...	...	...	...	93	81	...	...	...	...	...	...	83	68	...	...
Jul 19	...	...	...	...	99	90	9	4	...	...	...	...	93	85	...	...
Jul 26	...	...	...	...	...	...	30	13	...	...	...	...	98	94	4	1
Aug 2	...	...	...	...	...	...	55	27	...	...	...	...	...	...	18	5
Aug 9	...	...	...	...	...	...	72	45	...	...	...	...	...	...	36	13
Aug 16	...	...	...	...	...	...	88	61	...	...	...	...	...	...	61	27
Aug 23	...	...	...	...	...	...	94	75	...	...	...	...	...	...	79	46
Aug 30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91	64
Sep 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	78

Week-ending date	Peanuts					
	Planted		Pegging		Harvested	
	1998	Avg	1998	Avg	1998	Avg
1998:						
Apr 19	2	0	...	...	...	...
Apr 26	4	12	...	...	...	...
May 3	15	24	...	...	...	...
May 10	31	41	...	...	...	...
May 17	61	59	...	...	...	...
May 24	74	72	...	...	...	...
May 31	84	80	...	...	...	...
Jun 7	90	84	...	...	...	...
Jun 14	95	89	13	8	...	...
Jun 21	...	...	21	14	...	...
Jun 28	...	...	37	25	...	...
Jul 5	...	...	52	37	...	...
Jul 12	...	...	61	56	...	...
Jul 19	...	...	76	70	...	...
Jul 26	...	...	85	81	...	...
Aug 2	...	...	90	86	...	...
Aug 9	...	...	95	91	...	...
Aug 30	...	...	...	...	1	1
Sep 6	...	...	...	...	2	5
Sep 13	...	...	...	...	7	9
Sep 20	...	...	...	...	12	16
Sep 27	...	...	...	...	19	28
Oct 4	...	...	...	...	28	39
Oct 11	...	...	...	...	38	51
Oct 18	...	...	...	...	57	61
Oct 25	...	...	...	...	72	71
Nov 1	...	...	...	...	82	79
Nov 8	...	...	...	...	88	84
Nov 15	...	...	...	...	92	89
Nov 22	...	...	...	...	95	92

[1] Planted the preceding fall. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Appendix I

Telephone Contact List

Appreciation is expressed to the following agencies for their help in this publication. The information offices are listed to provide help to those users who require additional information about specific tables in this publication.

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

INDEX

Page

Agricultural commodity support prices IX–33–34
Agricultural conservation program
  See Conservation, Soil conservation, and water conservation.
Agricultural loans, *See* Loans.
Agricultural production, index numbers IX–21
Agricultural products:
  Exports:
    Index numbers XV–2
    Value XV–2, 4, 8
  Foreign trade XV–2, 5–7
  Imports:
    Index numbers XV–2
    Value ..... XV–2 ,12
  See also Commodities, agricultural.
Agricultural Stabilization and Conservation
  Programs XII–2–15
  Number of producers XII–13
  Payment to producers XII–12
Alaska crop statistics XV–27
  See also under specific commodities.
Alcohol production from grains I–37, 42
Alfalfa seed:
  Prices VI–6
Almonds:
  Area V–39, IX–18
  Imports and exports V–39
  Prices, farm V–39
  Production V–39, IX–19
  Value V–39, IX–19
  Yield V–39, IX–18
  Shelled production in foreign countries V–39
Animal proteins, disappearance I–45
Animal units fed on farms I–48
Apples:
  Area IX–16
  Arrivals V–33–34
  Canned:
    Quantity V–4, 5
  Cold-storage stocks V–61
  Consumption V–38
  Dried:
    Exports V–5, 6
    Juice V–5
    Production V–36
    Quantity V–4, 5
  Exports V–6
  Exports, destination V–5
  Foreign trade V–6
  Frozen pack V–37
  Frozen, quantity V–4, 5
  Imports V–6
  Imports, origin V–5
  Prices:
    Farm V–3
  Production V–2–5, IX–17
  Shipments V–35
  Utilization V–5
  Value V–3, IX–17
  Yield IX–16
Apricots:
  Area IX–17
  Canned:
    Exports V–7
    Quantity V–7
  Dried:
    Exports V–7
    Production V–36
    Quantity sold V–7
  Fresh exports V–7
  Frozen V–7, 37
  Prices, farm V–6
  Production V–2, 6, IX–18
  Shipments V–35
  Trade, foreign V–7
  Utilization V–7
  Value V–6, IX-18
  Yield IX–17
Area:
  Land in farms:
    Irrigated IX–7
    Total IX–2
  Land utilization IX–6
  Principal crops, planted and harvested IX–16–19
  See also under specific crops.
Artichokes:
  Area IV–18, IX–18
  Arrivals IV–30–31
  Price IV–18
  Production IV–18,IX–19
  Shipments IV–32
  Value IX–19
  Yield IX–18

Page

Asparagus:
  Area IV–6, IX–18
  Arrivals IV–30–31
  Canned pack IV–34
  Consumption IV–33
  Frozen pack IV–35–36
  Price IV–6
  Production IV–6, IX–19
  Shipments IV–32
  Value IV–6, IX–19
  Yield IV–6, IX–18
Avocados:
  Area IX–16
  Arrivals V–33–34
  Imports V–8
  Prices, farm V–8
  Production V–2, 8, IX–17
  Shipments V–35
  Value V–8, IX–17
  Yield IX–16
Baby food exports, destination VIII–28
Balance sheet, farming sector IX–11
Bananas:
  Area V–8, IX–16
  Arrivals V–33–34
  Prices V–8
  Production V–2, 8, IX–17
  Value V–8, IX–17
  Yield V–8, IX–16
Barley:
  Area I–37–40, IX-16
  Crop progress XV–32
  Crop ranking XV–28
  Disappearance I–37
  Exports I–37
  Imports I–37
  Prices:
    Farm I–37–38
    Market I–48
    Support operations I–41
  Production I–37–40, IX–17
  Stocks on and off farms I–37
  Supply I–37
  Utilization in alcoholic products I–37
  Value I–37–38, IX–17
  Yield I–37–40, IX–16
Barrows and gilts VII–26
Beans:
  Dry edible:
    Area VI–7, IX–16
  Crop ranking XV–28
    Exports VI–9
    Prices:
      Farm VI–7
      Market VI–8
    Production VI–7, IX–17
    Value VI–7, IX–17
    Yield VI–7, IX–16
  Lima, fresh:
    Area IV–7, IX–18
    Arrivals IV–30–31
    Canned pack IV–34
    Frozen pack IV–35,36
    Price IV–7
    Production IV–7, IX–19
    Value IV–7, IX–19
    Yield IX–18
  Lima, processing:
    Area IV–7, IX–18
    Arrivals IV–30–31
    Canned pack IV–34
    Frozen pack IV–35,36
    Price IV–7
    Production IV–7, IX–19
    Value IV–7, IX–19
    Yield IX–18
  Snap, fresh:
    Area IV–7, IX–18
    Arrivals IV–30–31
    Canned pack IV–34
    Consumption, canned IV–34
    Frozen pack IV–35–36
    Prices, farm IV–7
    Production IV–7, IX–19
    Shipments IV–32
    Value IV–7, IX–19
    Yield IX–18

INDEX

Page

Beans—Continued
Snap, processing:
Area IV–8, IX–18
Arrivals IV–30–31
Canned pack IV–34
Consumption, canned IV–34
Frozen pack IV–35–36
Prices, farm IV–8
Production IV–8, IX–19
Shipments IV–32
Value IV–8, IX–19
Yield IV–8, IX–18
Beef:
Cold storage holdings VII–58
Consumption VII–50
Production VII–46, 50
See also Beef and Veal, Meats *and* Veal.
Beef and veal:
Exports VII–47, 50
Imports VII–47–48, 50
Production, specified countries VII–46
See also Beef, Meats, *and* Veal.
Beeswax:
Imports II–21
Beets, for canning:
Area IV–8, IX–18
Arrivals IV–30–31
Canned pack IV–34
Price IV–8
Production IV–8, IX–19
Shipments IV–32
Value IX–19
Yield IX–18
Berries:
Area IX–16
Frozen pack V–35
Production IX–17
Value IX–17
Yield IX–16
Breakfast Program XIII–7–9
Broccoli:
Area IV–9, IX–18
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Prices, farm IV–9
Production IV–9, IX–19
Shipments IV–32
Value IV–9, IX–19
Yield IV–9, IX–18
Broilers, production, price, and income VIII–36–37
Brussels sprouts:
Area IV–18, IX–18
Frozen pack IV–35–36
Price IV–18
Production IV–18, IX–19
Value IX–19
Yield IX–18
Buffalo VII–5
Buildings, farm, value of IX–9
Bulls:
Number, Jan. 1 ....VII–1, 4
Slaughter under Federal inspection VII–10, 13
Butter:
Consumption III–29, VIII–25
Creamery:
Cold-storage holdings VIII–47
Production in specified countries VIII–27
Disappearance VIII–25
Exports VIII–28–29
Prices, market III–29, VIII–24
Production, world VIII–26
Stocks on hand, Dec. 31 ....VIII–25
Cabbage:
Arrivals IV–30–31
Shipments IV–32
Consumption IV–33
Cabbage, fresh market:
Area IV–10, IX–18
Arrivals IV–30–31
Canned pack IV–34
Frozen pack IV–35,36
Price IV–10
Production IV–10, IX–19
Value IX–19
Yield IX–18
Cabbage, for kraut:
Area IV–10, IX–18
Arrivals IV–30–31
Canned pack IV–34
Frozen pack IV–35,36
Price IV–10
Production IV–10, IX–19
Value IX–19
Yield IX–18

Page

Cacao beans:
Exports from principal countries V–43
Imports origin V–43
Cacao butter. *See* Cocoa butter.
Calves:
Carcasses condemned VII–55
Disposition VII–8, 12
Heifers, number, Jan. 1 ....VII–1, 3
Income from, cash and gross VII–8, 12
Number born VII–6
Number, Jan. 1 ....VII–1–3
Operations and inventory VII–13–15
Prices, farm VII–56
Production VII–12
Receipts at livestock markets VII–9
Skins:
Exports VII–51, 53
Imports VII–51, 52
Slaughter:
Farm VII–8
Total VII–9, 10
Under Federal inspection VII–9, 55
Slaughtered, live weight:
By States VII–10
Canola:
Area IX–16
Production IX–17
Value IX–17
Yield IX–16
Cantaloups:
Area IV–11, IX–18
Arrivals IV–30–31
Consumption IV–33
Price IV–11
Production IV–11, IX–19
Shipments IV–32
Value IV–11, IX–19
Yield IX–18
See also Melons.
Carcasses, whole, number condemned under Federal inspection VII–55
Carrots:
Arrivals IV–30–31
Canned pack IV–34
Frozen pack IV–35–36
Shipments IV–32
Carrots, fresh:
Area IV-11, IX–18
Consumption IV-33
Price IV-11
Production IV-11, IX–19
Value IX–19
Yield IX–18
Carrots, processing:
Area IV-11, IX–18
Consumption IV-33
Price IV-11
Production IV-11, IX–19
Value IX–19
Yield IX–18
Casein:
Imports VIII–26
Castor beans:
Imports III–27
Castor oil:
Imports III–27
Prices, wholesale III–29
Catfish, Farm-raised XV–24
Cattle:
Carcasses condemned VII–55
Dairy-herd improvement associations VIII–5
Hides:
Exports VII–51, 53
Imports VII–51–52
Price per pound, Chicago VII–51
Income from cash and gross VII–8, 12
Number:
In specified countries VII–5
Jan. 1 ....VII–1–4, 55
On feed, by States VII–7
Operations and inventory VII–13–15
Prices:
Farm VII–12
Market VII–7
Production and disposition VII–8, 12
Slaughter:
Farm VII–8, 12
Number VII–9, 13
Under Federal inspection VII–10
Slaughtered, dressed weight VII–14
Slaughtered, live weight VII–10
By States VII–10

Page

Cattle—Continued
Value:
Jan. 1 ....VII–2–3
Of production VII–8,IX–21
Cauliflower:
Area IV–12, IX–18
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Prices IV–12
Production IX–19
Shipments IV–32
Value IX–19
Yield IV–12, IX–18
Celery:
Area IV–13, IX–18
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Prices IV–13
Production IV–13, IX–19
Shipments IV–32
Value IX–19
Yield IV–13, IX–18
Cheese:
American, factory production VIII–15
Cold-storage holdings VIII–47
Consumption VIII–25
Disappearance VIII–25
Exports VIII–28–29
Foreign production VIII–27
Imports VIII–26–27
Prices, market VIII–24
Production VIII–15, 27
Stocks on hand, Dec. 31 ....VIII–25
Cherries:
Area IX–16
Arrivals V–33–34
Brined V–10
Canned V–10
Exports V–10
Frozen V–10, 37
Imports V–10
Prices V–9
Production V–2, 9–10, IX–17
Shipments V–35
Trade, foreign V–10
Utilization V–10
Value V–9, IX–17
Yield IX–16
Chickens:
Broiler production, price, and income VIII–37,39
Commercial storage stocks VIII–46
Consumption VIII–38
Exports VIII–35
Number in specified countries VIII–36
Number, Dec. 1 ....VIII–31–33
Prices, live weight VIII–38
Production VIII–36–37
Sold, number VIII–37–38
Supply and distribution VIII–38
Tested for pullorum disease VIII–41
Value:
Dec. 1 ....VIII–30, 33
Of production VIII–39, IX–21
Of sales VIII–37–38
See also Chicks *and* Poultry.
Chicks:
Baby, prices VIII–39
Hatched by commercial hatcheries VIII–39
Value VIII–39
Child Feeding Programs XIII–7–9
Cigarettes and cigars:
Consumption and total output II–35
Exports II–35
Manufactured II–33
Citrus fruits:
Area V–1, IX-18
Arrivals V–33–34
Consumption V–38
Crop insurance X–4–7
Foreign production V–13
Prices V–11–12
Production V–2, 11–12, IX–19
Shipments V–35
Trade, foreign V–15
Value V–11, IX–19
Yield IX–18
Citrus juices:
Canned pack V–14
Concentrated, pack V–13
Export V–14–15
Frozen pack V–37

Page

Citrus juices—Continued
See also Grapefruits, Lemons, Limes, Oranges, *and* Tangerines.
Clover seed, prices VI–6
Cocoa butter:
Exports III–26
Imports III–27
Coconut oil:
Exports III–26
Imports III–27
Prices, market III–29
Production III–25
Coffee:
Area V–44, IX–16
Exports from principal producing countries V–45
Imports, origin V–44
Production V–44, IX–17
Price V–44
Value V–44, IX–17
Yield V–44, IX–16
Cold-storage stocks:
Apples V–61
Dairy products VIII–47
Frozen fruits V–61
Frozen orange juice V–62
Meats VII–58
Nuts V–63
Poultry products VIII–46
Vegetables IV–39
Commodities, agricultural:
Owned by Commodity Credit Corporation, Dec. 31 ....XI–2
Purchases by Commodity Credit Corporation, costs XI–5–6
Under Commodity Credit Corporation price-support loan, Dec. 31 ....XI–2
See also Agricultural products.
Commodity Credit Corporation:
Cost value of export and commodity disposition XI–7–8
Inventory transactions XI–5
Loan programs XI–3
Price support:
Commodities owned XI–2
Commodities under loan XI–3
Granted XI–1
Operations, investments in XI–9
Conservation, agricultural XII–12–15
Agricultural Conservation Program XII–12–15
Conservation and pollution abatement practices XII–12–15
Conservation Reserve Program XII–1–10
Contracts, active XII–16
Participation and assistance XII–13
Forestry Incentive Program XII–18–19
Great Plains Program XII–25
Plans XII–24
Soil Conservation Program XII–20–23
Watershed protection XII–26
Status of cost-share contracts, EQIP/GPCP XII–24
Consumer's price index, by groups and by years IX–1
Consumer prices, index numbers XIII–10
Consumption per capita:
Apples V–38
Barley I–41
Beans:
Snap, canned IV–33
Beef VII–50
Butter III–29
Cheese VIII–25
Chewing tobacco II–35
Chickens VIII–38
Cigarettes II–35
Cigars II–35
Citrus fruits V–38
Coffee and cocoa XIII–6
Corn:
Canned IV–34
Cereal I–41
Meal I–41
Sugar I–41
Syrup I–41
Cornstarch I–41
Dairy products XIII–5
Eggs XIII–5
Fat products III–29
Fats III–29
Fish XIII–5
Flour XIII–5
Food XIII–5
Fruit juices, canned V–38

Page

Consumption per capita—Continued
Fruits:
Canned V–38
Dried V–38
Fresh....V–38, XIII–5
Frozen....V–38
Total V–38, XIII–5
Grain products XIII–5
Grains....I–41
Ice cream....VIII–25
Lamb and mutton....VII–50
Lard III–29, VII–50
Margarine III–29
Meats VII–50, XIII–5
Melons IV–33
Milk:
Condensed....VIII–25
Dry whole VIII–25
Evaporated VIII–25
Fluid VIII–25
Nonfat dry milk VIII–25
Mutton VII–50
Nutrients....XIII–3–4
Oat products I–41
Oil products III–29
Oils....III–29, XIII–5
Paper....XII–36
Paperboard....XII–36
Peanuts III–9
Peas, canned IV–34
Pork VII–50
Potatoes....IV–33, XIII–5
Poultry....XIII–5
Rice....I–41
Rye flour....I–41
Shortening III–29
Smoking tobacco....II–35
Snuff II–35
Sugar XIII–6
Tobacco products II–35
Tomatoes:
Canned IV–34
Fresh IV–33
Turkeys....VIII–41
Veal VII–50
Vegetables:
Canned....IV–34, XIII–5
Fresh IV–33, XIII–5
Frozen IV–37, XIII–5
Total XIII–5
Wheat:
Cereal....I–41
Flour I–41
Conversion factors, weights, and measures....v–ix
Cooperative organizations, farmers' X–16–18
Copra, imports III–27
Corn:
Area I–24, 26, 28–30, IX–16
Cereal, consumption....I–41
Consumption, total I–41
Crop insurance X–4–7
Crop progress....XV–30
Crop ranking XV–28
Disappearance....I–25
Exports I–25, 32
Imports....I–31
Loan program, Commodity Credit Corporation XI–3–13
Oil:
Exports....III–24, 26
Prices, market III–29
Used in margarine and shortening III–23
Payments to producers XI–11
Prices:
Farm I–24, 28
Market....I–47
Support operations....I–32
Production I–24, 26, 28–30, IX–17
Products, consumption I–41
Silage I–24
Stocks on and off farms....I–25
Sugar consumption per capita....I–41
Supply....I–25
Syrup:
Consumption II–24
Production, exports and consumption II–24
Trade, international I–31
Sweet corn:
Area, production, and farm price....IV–13–14
Arrivals IV–30–31
Shipments IV–32
Yield and value IV–13–14
Canned:
Consumption....IV–34
Pack IV–34
Frozen pack IV–35–36

Page

Corn—Continued
Utilization:
Area, by States I–24
Value....I–24, 28, IX–17
Yield I–24, 26, 28–30, IX–16
Corn-hog price ratios VII–26
Cornstarch, consumption, civilian, per capita I–41
Cotton:
Area II–1, 3, III–1, IX–16
American Pima, carryover and ginnings, by grade and staple length II–6
Carryover....II–5–6
Consumption II–4, 8
Crop insurance X–4–7
Crop progress....XV–31
Crop ranking XV–28
Disappearance and distribution II–4
Exports....II–4, 7, 10
Exports, index numbers....XV–2
Foreign:
Carryover....II–4
Distribution....II–10
Production II–3
Supply....II–10
Stocks II–10
Forward contracted percentages II–4
Ginnings II–4
Grade and staple length II–6
Imports II–7–8, 10
Linters:
Distribution....II–10
Exports II–10
Imports II–7–8, 10
Production II–10
Supply....II–10
Loan program, Commodity Credit Corporation XI–3
Micronaire readings II–8
Prices:
Farm II–1–2
Market II–8–9
Support operations II–2
Production....II–1–3, IX–17
Supply II–4
Trade, international II–7
Upland:
Carryover, ginning, supply and disappearance:
By grade II–6
By staple length II–6
Grade index and staple length....II–6
Value....II–1–2, IX–17
Yield II–1, 3, IX–16
Cottonseed:
Cake:
Exports III–3
Crushings III–2
Exports III–26
Exports, destination III–3
Meal:
Exports III–2
Prices....III–2
Production III–2
Oil:
Exports....III–3, 26
Prices III–1, 29
Production III–1, 24, 25
Used in margarine III–23
Used in shortening....III–24
Prices, farm....III–1
Production III–1, IX–17
Products:
Prices and production III–1
Quality analysis III–2
Seed, prices paid by farmers....VI–6
Value III–1, IX–17
World:
Area....III–4
Yield....III–4
Production III–4
Cowhides:
Exports VII–51, 53
Imports....VII–52
Prices VII–51
Cows, beef:
Numbers, Jan. 1 ....VII–1,3,6,16
Number of operations VII–16–17
Percent of operations VII–18
Prices, market....VII–8
Slaughter under Federal inspection VII–9

Page

Cows, milk:
Number:
Average during year....VIII–1, 5–8
In specified countries....VIII–9
Jan. 1....VII–1, 3, VIII–3
Kept for milk-cow replacement....VIII–2
That have calved....VIII–2
Percent of operations and inventory....VIII–4
Prices, farm....VIII–17
See also Cattle.
Cranberries:
Area....V–16–17, IX–16
Prices, farm and quantity processed....V–16–17
Production....V–2, 16–17, IX–17
Value....V–16–17, IX–17
Yield....V–16–17, IX–16
Credit banks, Federal intermediate:
See Banks, Federal intermediate credit.
Crop insurance programs....X–4–7
Crop loan programs, Commodity Credit Corporation....XI–3–13
Crop losses....X–2–3
Cropland, area....IX–15
Crop progress, 5-year average....XV–29
Crop ranking, major field crops, by production....XV–28
Crops:
Alaska....XV–27
Area....IX–16, 18
Production....IX–17, 19
Value of production....IX–17, 19
Yield....IX–16, 18
Crops principal:
Production, index numbers....IX–20
See also specific crops.
Area harvested....IX–16, 18
Area planted....IX–16
Value of production....IX–17, 19
Cucumbers:
Arrivals....IV–30–31
Shipments....IV–32
Cucumbers, fresh market:
Area....IV-15, IX–18
Price....IV-15
Production....IV-15, IX–19
Value....IX–19
Yield....IV-15, IX–18
Cucumbers, for pickles:
Area....IV-15, IX–18
Price....IV-15
Production....IV-15, IX–19
Value....IV-15, IX–19
Yield....IV-15, IX–18
Currants:
Exports, destination....V–20
Dairy statistics:
Cold storage holdings....VIII–47
Dairy product feed-price ratio....VIII-2
Disappearance....VIII–25
Exports....VIII–28–29
Herd improvement associations....VIII–5
Imports....VIII–27
Imports, index numbers....XV–2
Income from cash and gross....VIII–10–12
Manufactured....VIII–14
Prices:
Manufacturers....VIII–17
Support operations....VIII–30
Production....VIII–17
Stocks, manufacturers....VIII–17
Stocks on hand, Dec. 31....VIII–25
Dates:
Area....IX–16
Dried, production....V–36
Farm price....V–16
Imports....V–16
Price....V–16
Production....V–2,16, IX-17
Value....V–16, IX–17
Yield....IX–16
Economic trends....IX–1
Eggplant:
Area....IV-16, IX–18
Arrivals....IV–30–31
Price....IV-16
Production....IV-16, IX–19
Shipments....IV–32
Value....IX–19
Yield....IX–18

Page

Eggs:
Cold-storage stocks....VIII–46
Consumption....VIII–43
Exports....VIII–43
Foreign production....VIII–43
Imports....VIII–43
Lay, rate....VIII–44–45
Numbers used for hatching....VIII–43
Prices:
Farm....VIII–45
Volume buyers, New York....VIII–44
Production....VIII–43–45
Products under Federal inspection....VIII–45
Sales....VIII–45
Value....VIII–45
Emergency conservation measures....XII–12–13
Employment, farm:
Number of persons employed....IX–12–14
Total....IX–14
See also Labor, farm *and* Workers, farm equipment, farm. *See* Farm equipment.
Escarole-Endive:
Area....IV-16, IX–18
Arrivals....IV–30–31
Price....IV-16
Production....IV-16, IX–19
Shipments....IV–32
Value....IV-16, IX–19
Yield....IX–18
Expenses, farm production....IX–38
Family farm:
Workers....IX–12–14
Farm:
Ballance sheet....IX–11
Buildings, value....IX–9
Cash receipts....IX–35
Conservation plans, soil conservation districts....XII–21
Economic sales class....IX–2
Income, farm operator....IX–39
Prices, food....IX–24
Employment....IX–12–14
Equipment:
Value, shipped....IX–11
See also Machinery, farm.
Family. *See* Family, farm.
Income. *See* Income.
Labor. *See* Labor, farm.
Land:
Area....IX–2, 3, 6–7
Utilization....IX–6, 9
Value....IX–8
Mortgage. *See* Mortgages, farm.
Operators tenure of:
Output, index numbers....IX–21
Population. *See* Population, farm.
Production:
Expenses....IX–38
Index numbers....IX–20–21
Products:
Income:
Cash....IX–1, 36
Gross....IX–1, 36
Nonmoney....IX–36
Prices, farm....IX–25–27
Property:
Maintenance costs....IX–38
Taxes....IX–38
Value....IX–9
Real estate. *See* Real estate, farm.
Loans:
Outstanding....X–11–15
Farmers:
Cooperative associations type, number and membership....X–16–18
Marketing and purchasing associations membership and business....X–16–18
See also Farm, operators.
Farmers Home Administration loans....X–13–15
Community projects....X–13–15
Farming purposes....X–13–14
Housing....X–15
Farms:
Number....IX–2, 4
Telephone costs....X–23
Tenure of operator....IX–3–4
Value per acre, index number....IX–9
Farm Service Agency:
Payment received....XI–11
Fat products, consumption....III–29
Fats:
Consumption....III–29
Disappearance....III–24
Exports....III–26
Imports....III–27

Page

Fats—Continued
Prices:
Index numbers III–28
Wholesale III–29
Stocks, Jan. 1 ....III–24
Supply and disposition III–24
Use, food and nonfood III–24
Used in—
Margarine III–23
Shortening III–24
World production III–25
See also Oils, shortening, *and under specific kinds.*
Feed:
Bought, cost to farm operators IX–38
Grains:
Food aid, specified government programs I–45
Prices I–48
High-protein feed index I–46
Quantity consumed by livestock and poultry I–47
Feed concentrates:
Fed to livestock and poultry I–46
Quantity fed per animal unit I–46
Total fed I–46
Feed Grain Program, payments to producers XI–10
Exports, index numbers XV–2
Imports, index numbers XV–2
Feedstuffs:
Commercial, disappearance I–45
Prices, market I–49
Fertilizer:
Acres receiving applications XIV–1,3,4,6,8,10–12
Bought, cost to farm operators IX–38
Figs:
Area harvested IX–16
Dried:
Exports and imports V–17
Production V–17, 36
Price V–17
Production V–2, 17, IX–17
Value V–17, IX–17
Yield IX–16
Fish:
Consumption per capita XIII–5–6
Oil:
Production III–25
Packaged, fresh and frozen production by species XV–14
Fisheries, catch and disposition XV–15–16
Fishermen and craft XV–15
Fishery products:
Canned, production and value XV–14
Fresh XV–14
Exports XV–18–19
Frozen, production XV–14
Imports XV–18–19, 24
Landings XV–13
Production, processed XV–17
Sales, inventory XV–24
Supply XV–16
Fishing trips XV–19
Fish caught by marine recreational fishermen XV–20–23
Value XV–13, 15, 17
Flaxseed:
Area III–5, IX–16
Crop insurance X–4
Crushed for linseed oil III–7
Disappearance III–5
Exports III–5, 7, 26
Imports III–5, 7, 27
Prices:
Farm III–5–6
Market III–6
Support operations III–6
Production III–5–7, IX–17
Stocks III–5
Supply III–5
Value III–5–6, IX–17
Yield III–5, IX–16
See also Linseed.
Flood prevention operations:
Forest Service and Natural Resources Conservation Service XII–26
Flour. *See under specific kinds.*
Flowers V–48

Page

Food:
Acquisition XV–12
Food aid I–10, 19, 45, XV–3, 9–11
Consumption, pounds XIII–5–6
Foodservice Establishments XIII–10
Nutrients, contributed by food groups XIII–3–4
Plans, cost levels XIII–6
Stamp Program XIII–7
Prices, farm-to-retail spread IX–21–22
Products, marketing spreads IX–21–22
Food and Nutrition Service Programs XIII–7
Contributions to States XIII–8–9
Costs XIII–7
Persons participating XIII–7, 9
Quantity of macronutrients XIII–1
Food grain prices, market I–24
Foreign trade. *See* Agricultural products, foreign trade; *also under specific crops.*
Forestry statistics XII–27–36
Indexes XII–36
Incentive program XII–18–19
Land, farm and nonfarm IX–9
Land, total and commercial XII–27
Products, value XII–31
Fruit:
Juices, canned:
Consumption V–38
Pack V–14
See under specific kinds.
Fruits:
Area, bearing V–1, IX–16
Arrivals V–33–34
Canned:
Consumption and stocks V–38
Citrus V–11–15
Citrus products V–11–15
Cold-storage stocks V–61
Consumption V–38
Deciduous fruits V–1
Dried:
Consumption V–38
Production V–36
Exports:
Index numbers XV–2
Frozen:
Cold-storage stocks V–61
Consumption V–38
Pack V–36
Noncitrus:
Production V–32
Utilization V–32
Value V–32
Orders, marketing XI–14
Production V–2
Shipments V–35
See also under specific kinds.
Garlic:
Area IV-18, IX–18
Price IV-18
Production IV-18, IX–19
Value IX–19
Yield IX–18
Ginger root:
Area V-17, IX–16
Price V-17
Production V-17, IX–17
Value V-17, IX–17
Yield V-17, IX–16
Goat skins, imports VII–51
Goats:
Average clip VII–44
Carcasses condemned VII–55
Numbers clipped VII–44
Slaughtered under Federal inspection VII–55
Government payments:
Total IX–37
Grain products:
Consumption I–41
Exports, destination I–12, 20, 32
Imports, index numbers XV–2
Grains:
Consumption, civilian I–41
Disappearance, total I–1
Exports:
Destination I–12, 20, 32
Index numbers XV–2
Feed:
Area IX–16
Prices, market I–48
Food, area IX–16
Imports, index numbers XV–2
Supply I–1
Utilization in alcoholic products I–25, 37, 42

Page

Grains—Continued
See also under specific kinds.
Grape juice:
Arrivals....V–33–34
Canned pack....V–19
Shipments....V–35
Grapefruit:
Area....IX–18
Arrivals....V–33–34
Canned:
Exports....V–14
Pack....V–14
Exports....V–14–15
Foreign production....V–13
Imports....V–15
Juice, canned:
Blended orange and grapefruit, pack....V–14
Exports....V–14
Pack....V–14
Juice, concentrated, pack....V–13
Prices, farm....V–11
Processed, quantity....V–11
Production....V–2, 11–12, IX–19
Shipments....V–35
Value....IX–19
Yield....IX–18
See also Citrus fruits.
Grapes:
Area....IX–16
Arrivals....V–33–34
Crushed for wine....V–19
Dried, production (raisins)....V–19, 35
Exports....V–20
Frozen....V–37
Imports....V–20
Prices....V–18
Production....V–2, 18–19, IX–17
Shipments....V–35
Utilization....V–19
Value....V–18, IX–17
Yield....IX–16
Grazing fees....IX–42
Grazing on national forests, number of stock and receipts....XII–32–33
Great Plains Conservation Program:
Contracts....XII–25
Greens:
Arrivals....IV–30–31
Shipments....IV–32
Guavas:
Area....V-20, IX–16
Price....V-20
Production....V-20, IX–17
Value....V-20, IX–17
Yield....V-20, IX–16
Hams:
Exports....VII–47
Hardwood, production....XII–35
See also under specific commodities.
Hazelnuts:
Area....V-40, IX–18
Exports....V–40
Imports....V–40
Price....V-40
Production....V-40, IX–19
Production in Foreign countries....V–39
Value....V-40, IX–19
Yield....V-40, IX–18
Hay:
Area....VI–1–5, IX–16
Crop ranking....XV–28
Prices, farm....VI–1
Production....VI–1–5, IX–17
Stock on farms....VI–1
Supply and disappearance, total and per animal unit....VI–6
Value....VI–1–5,IX–17
Yield....VI–1,5,IX–16
Heifers:
Milk cows replacements....VII–1
Number, Jan. 1....VII–1, 3
Number that have calved....VIII–1–2
Hens, numbers, Dec. 1....VIII–31,33
Hides and skins:
Exports....VII–51–53
Imports....VII–51–52
Imports, index numbers....XV–2
Mink pelts produced....VII–54
Prices at Central U.S....VII–51
Hog-corn price ratio....VII–26
Hogs:
Carcasses condemned....VII–55
Disposition....VII–23–24
Income from, cash and gross....VII–23–24
Marketings....VII–23–24

Page

Hogs—Continued
Number:
Dec. 1....VII–19
For breeding....VII–20
For market....VII–20
In specified countries....VII–21
Operations and inventory....VII–19
Operations....VII–27
Prices, farm....VII–26, 56
Production....VII–23–24
Receipts:
At interior markets....VII–23
At public stockyards....VII–23
Shipments....VII–24–24
Slaughter:
Farm....VII–23–24
Under Federal inspection....VII–21, 55
Slaughtered live weight....VII–25
Value, Dec. 1....VII–19
Value of production....IX–21
See also Pig crop *and* Sows.
Honey:
Imports for consumption....II–21
Number of colonies, yield, production, and stocks....II–22
Price and value....II–22
Honeydews:
Area....IV–16–17
Arrivals....IV–30–31
Consumption....IV–33
Price....IV–16–17
Production....IV–16–17
Shipments....IV–32
Value....IV–16
Yield....IV–16
Hops:
Area....VI–11, IX–16
Exports....VI–12
Imports....VI–12
Prices, farm....VI–10–11
Production....VI–11, IX–17
Stocks on hand....VI–11
Value....VI–10–11, IX–17
Yield....VI–11, IX–16
Horses:
Carcasses condemned....VII–55
Slaughtered under Federal inspection....VII–55
Horses and mules, feed consumed....I–47
Ice cream:
Consumption....VIII–25
Disappearance....VIII–25
Production....VIII–16
Imports:
Agricultural products. *See* Agricultural products, imports.
See also under specific commodities.
Income:
Cash from—
Beef....VII–8, 12
Calves....VII–8, 12
Cattle....VII–8, 12
Chickens....IX–35
Dairy products....VIII–10
Eggs....IX–35
Farming....IX–35
Hogs....VII–23–24
Lambs....VII–33–34
Mohair....VII–44
Sheep....VII–33–34
Veal....VII–8
Wool....VII–43
Disposable personal....IX–1
Government payments:
Total....IX–37
Gross from—
Broilers....VIII–38
Calves....VII–8
Cattle....VII–8
Chickens....VIII–39
Dairy products....VIII–12
Farming....IX–1
Hogs....VII–23
Lambs....VII–33–34
Sheep....VII–33–34
Turkeys....VIII–41–42
Gross, farm....IX–37
National....IX–1
Net, farm....IX–1
Nonmoney....IX–37
Index numbers:
Agricultural:
Exports....XV–2
Imports....XV–2
Production....IX–21
Cotton, exports....XV–2

Page

Index numbers—Continued
Dairy products:
Exports XV–2
Imports XV–2
Farm:
Employment....IX–12–14
Food consumption XIII–5,6
Input....IX–22
Labor....IX–12–14
Production....IX–21
Real estate taxes X–1–2
Real estate values per acre....IX–9
Wage rates IX–12–14
Fats, prices III–29
Feeds:
Exports XV–2
Imports XV–2
Fruit exports....XV–2
Grains:
Exports XV–2
Imports XV–2
Hides, imports....XV–2
Industrial production IX–1
Livestock:
Production....IX–21–22
Products, production....IX–21–22
Oils:
Exports XV–2
Imports XV–2
Prices....III–29
Oilseeds:
Exports XV–2
Imports XV–2
Parity ratio IX–25
Prices:
Consumers'....IX–1, XIII–10
Paid by farmers....IX–1, 29
Producer....IX–1, 28
Received by farmers IX–1, 25–29
Skins, imports XV–2
Sugar, imports....XV–2
Tobacco:
Exports XV–2
Imports XV–2
Wool, imports XV–2
Industrial production IX–1
Insurance, crop....X–4–7
Irrigation IX–7
Kale:
Frozen pack IV–35–36
Kid skins, exports and imports....VII–51–53
Kiwifruit:
Area V–8, IX–16
Price V–8
Production....V–2,8, IX–17
Value....V–8, IX–17
Yield V–8, IX–16
Labor, farm....IX–12–14
See also Employment, farm *and* Workers, farm.
Lamb:
Crop....VII–30
Skin:
Exports....VII–51,53
Imports....VII–51,52
See also Lamb and mutton *and* Meat.
Lamb and mutton:
Cold-storage holdings VII–59
Consumption VII–50
Exports VII–51, 53
Imports VII–51, 52
Production:
Specified countries....VII–46
United States VII–45
Lambs:
Cash receipts VII–34
Marketings....VII–33–34
Number, Jan. 1, by classes and State....VII–29–31
Prices:
Market VII–33–34
Shipments....VII–33–34
Slaughter:
Farm....VII–33–34
Under Federal inspection....VII–36
See also Livestock *and* Sheep and lambs.
Land utilization:
Cropland IX–6
Forest land IX–6
Pasture IX–6
In Alaska XII–27
Special uses IX–6

Page

Lard:
Consumption III–29, VII–50
Exports III–24, VII–28
Prices....III–29
Stocks VII–28
Supply....VII–28
Used in:
Food products III–26
Margarine III–23
Shortening III–24
Lemons:
Area....IX–18
Arrivals....V–33–34
Exports V–15
Imports V–15
Prices....V–11
Processed, quantity V–11
Production V–2, 11–12, IX–19
Production, foreign V–13
Shipments....V–35
Value....V–11, IX–19
Yield IX–18
See also Citrus fruits.
Lettuce:
Arrivals IV–30–31
Shipments IV–32
Lettuce, head:
Area....IV-17, IX–18
Consumption....IV–33
Price....IV-17
Production....IV-17, IX–19
Value....IX–19
Yield....IV-17, IX–18
Lettuce, leaf:
Area....IV-18, IX–18
Consumption....IV–33
Price....IV-18
Production....IV-18, IX–19
Value....IX–19
Yield IX–18
Lettuce, Romaine:
Area....IV-18, IX–18
Price....IV-18
Production....IV-18, IX–19
Value....IX–19
Yield IX–18
Limes:
Area....IX–18
Exports V–15
Imports V–15
Prices....V–11–12
Processed quantity V–11
Production V–2, 11–12, IX–19
Shipments....V–35
Value....V–11, IX–19
Yield IX–18
See also Citrus fruits.
Linseed:
Cake and meal:
Exports III–7
Imports III–7
Production III–7
Exports, destination III–7
Meal prices III–6
Oil:
Exports III–7
Imports III–7
Prices, market III–6
Production....III–7, 25
Stocks, June 1....III–7
Linters. *See* Cotton, linters.
Livestock:
Bought, cost to farm operators IX–38
Grazed on national forests, and receipts XII–32–33
Number on farms VII–55
Prices VII–56–57
Production....IX–22
Production, index numbers IX–21
Products:
Index numbers....IX–21
Production....IX–21
Value....IX–21
Slaughtered under Federal inspection VII–55
Value:
Of production IX–22
Total and per head....VII–55

Page

Livestock—Continued
World. *See specific kinds.*
Loans and debt outstanding:
Agricultural, Federal and other agencies....X–8–15, 22–23
Commodity Credit Corporation....XI–1–10
Economic opportunity....X–14
Emergency....X–14
Farm real estate, of all operating banks....X–11
Farmers' cooperative organizations....X–23
Farmers Home Administration....X–13–15
Insurance companies....X–4–7
Interest:
Non-real estate....X–11
Operating loans....X–23
Rural Housing, Farmers Home Administration....X–15
Rural Utilities Service....X–19–21
To associations....X–14
To cooperatives....X–23
See also under specific type of commodity.
Lumber:
Production....XII–35
Macadamia nuts:
Area....V-40, IX–18
Price....V-40
Production....V-40, IX–19
Value....V-40, IX–19
Yield....V-40, IX–18
Machinery, farm:
Number, Jan. 1....IX–11
See also Farm, equipment.
Macronutrients:
Quantity available....XIII-1
Maple products:
Sugar. *See* Sugar, maple.
Syrup. *See* Syrup, maple.
Margarine:
Consumption....III–29
Disappearance, domestic....III–23
Exports....III–23, 26
Manufacture, materials used....III–23
Prices, wholesale....III–29
Production....III–23
Supply....III–23
Marketing:
Agreements and orders:
Fruits, vegetables, and tree nuts....XI–14
Milk....VIII–19–20
Associations, membership and business....X–16–18
Bill for farm food products....IX–23
Costs....IX–23
Marketings, farm, cash receipts....IX–35
Meals. *See under specific kinds.*
Measures:
Equivalent weights....v–vii
Tables, explanation....iv
Meat:
Cold-storage holdings....VII–58,59
Trade, international....VII–49–50
Meats:
Consumption....VII–50
Exports....VII–47
Imports....VII–47–48
Production:
Specified countries....VII–46
United States....VII–45
Melons
See Cantaloups, Honeydews *and* Watermelons
Milk:
Condensed:
Consumption....VIII–25
Disappearance....VIII–25
Exports....VIII–28
Exports destination....VIII–29
Production....VIII–17
Stocks, manufacturers'....VIII–17
Stocks on hand, Dec. 31....VIII–25
Dry:
Nonfat:
Consumption....VIII–25
Disappearance....VIII–25
Exports....VIII–28
Exports, destination....VIII–29
Prices....VIII–29
Production....VIII–17
Stocks, manufacturers'....VIII–17
Stocks on hand, Dec. 31....VIII–25

Page

Milk—Continued
Whole:
Consumption....VIII–25
Disappearance....VIII–25
Exports....VIII–28
Exports, destination....VIII–29
Imports....VIII–27
Prices....VIII–17
Stocks, manufacturers'....VIII–17
Stocks on hand, Dec. 31....VIII–25
Evaporated:
Consumption....VIII–25
Disappearance....VIII–25
Exports....VIII–28
Exports, destination....VIII–29
Prices....VIII–17
Production....VIII–17
Stocks, manufacturers'....VIII–17
Stocks on hand, Dec. 31....VIII–25
Marketing orders, Federal....VIII–13, 18–19, 22–23
Prices:
Farm....VIII–10, 12, 17
Received by producers....VIII–10, 13, 17
Retail....VIII–10
Producer deliveries....VIII–22
Producers, number....VIII–22
Production....VIII–15
Production in specified countries....VIII–9
Sales....VIII–10
Supply and utilization....VIII–20–21
Utilization....VIII–8, 11
Value....VIII–11
Milkfat:
Percentage in milk....VIII–5–6
Prices, farm....VIII–12
Production:
Per cow....VIII–5–6
Sales from farms....VIII–10
Total....VIII–17
Mill products, disappearance....I–45
Mink pelts, *number* produced....VII–54
Mint oil....III–22
Mohair:
Price....VII–44
Price-support operations....VII–44
Production....VII–44
Value....VII–44
Molasses:
Edible:
Production and foreign trade....II–23
Consumption....II–24
Industrial:
Production, foreign trade, and consumption....II–24
Mules. *See* Horses and mules.
Mushrooms:
Area in production....V–46
Arrivals....IV–30–31
Exotic....V–47
Prices....V–46
Sales....V–46
Imports....V–47
Value of production....V–46
Mustardseed
Area....IX–16
Production....IX–17
Value....IX–17
Yield....IX–16
Mutton. *See* Lamb and mutton *and* Meats.
National forests:
Area by States....XII–31
Payments to States and Puerto Rico....XII–32
Receipts....XII–32
Recreational use....XII–34
Stock grazed on....XII–32–33
Timber cut....XII–30
Use by hunters and fishermen....XII–34
National income....IX–1
National marketing bill for civilian purchases of food products....IX–23
Nectarines:
Area....IX–16
Arrivals....V–33–34
Disposition, use, price, and value....V–21
Production....V–2, 21, IX–17
Shipments....V–35
Value....IX–17
Yield....IX–16
Nonfood Assistance Program....XIII–7
Nutrients contributed by food groups....XIII–3
Nuts:
Area, bearing....V–1, IX–18
Tree:
Commercial production in foreign countries....V–39
Supply and utilization....V–38

Page

Oatmeal:
Consumption, civilian, per capita I–41
Oats:
Area I–33–36, IX–16
Consumption, civilian I–41
Crop progress XV–32
Crop ranking XV–28
Exports I–33
Imports I–33
Prices:
Farm I–33, 35
Market I–48
Support operations I–34
Production I–33–36, IX–17
Seed, prices paid by farmers VI–6
Stocks on and off farms I–33
Supply and disappearance I–33
Value I–33, 35, IX–17
Yield I–33–36, IX–16
Oil products:
Consumption III–29
Oils:
Animal:
Used in margarine III–23
Used in shortening III–24
Consumption III–29
Disappearance III–23
Exports III–26
Imports III–27
Prices:
Index numbers III–28
Wholesale III–29
Stocks, Jan. 1 ..... III–23
Supply and disposition III–23
Use, food and nonfood:
Margarine III–23
Shortening III–24
Vegetable:
Exports III–26
Imports, quantity III–27
Used in margarine III–23
Used in shortening III–24
World production III–25
See also Fats, Shortening, *and under specific kinds.*
Oilseed cake and meal:
Disappearance I–45
Exports III–26
Imports III–27
See also under specific kinds.
Oilseeds:
Exports III–26
Imports:
Index numbers XV–2
Quantity III–27
World production III–25
Okra:
Frozen pack IV–35–36
Shipments and arrivals IV–30–32
Oleomargarine. *See* Margarine.
Olive oil:
Imports III–27, V–21
Prices, wholesale III–29
Production in specified countries III–23
Production, world III–23
Olives:
Area IX–16
Imports V–21
Prices V–21
Production V–2, 21, IX–17
Utilization V–21
Value V–21, IX–17
Yield IX–16
Onions:
Area IV–19, IX–18
Arrivals IV–30–31
Exports IV–18
Imports IV–18
Loss IV–19
Prices IV–19
Production IV–19, IX–19
Shipments IV–32
Shrinkage IV–19
Yield IV–19, IX–19
Value IV–19, IX–18
Orange juice:
And grapefruit juice, blended, canned pack V–14
Canned pack V–14
Concentrated pack V–14
Frozen, cold-storage stocks V–62

Page

Oranges:
Area IX–18
Arrivals V–33–34
Exports V–15
Imports V–15
Prices V–11–12
Processed, quantity V–11
Production V–2, IX–19
Production, foreign V–13
Shipments V–35
Value V–11, IX–19
Yield IX–18
See also Citrus fruits.
Palm kernel oil:
Imports III–27
Production, world III–25
Palm oil:
Imports III–27
Prices, wholesale III–29
Production, world III–25
Papayas:
Area V–27, IX–16
Prices V–27
Production V–2, 27, IX–17
Utilization V–27
Value V–27, IX–17
Yield IX–16
Paper:
Consumption per capita XII–36
Production and consumption XII–36
Paperboard:
Consumption per capita XII–36
Production and consumption XII–36
Parity prices IX–25
Parity ratio IX–28
Parsley arrivals and shipments IV–30–31
Payments:
Government IX–33
Peaches:
Area IX–16
Arrivals V–33–34
Canned:
Exports V–22
Quantity V–22–23
Dried:
Exports V–22
Production V–36
Exports V–22
Frozen V–37
Prices V–22–23
Production V–2, 22–23, IX–17
Production, foreign V–20
Shipments V–35
Utilization V–23
Value V–22, IX–17
Yield IX–16
Peanut cake and meal:
Production III–8
Stocks III–8
Peanut oil:
Exports III–8, 26
Imports III–8, 27
Production and stocks III–8, 9
Peanuts:
Area III–8, 10, 12, IX-16
Consumption III–9
Crop progress XV–32
Crop ranking XV–28
Crushed III–8, 9
Disposition III–8, 9
Exports III–8, 9
Foreign production III–12
Imports III–8–9, 27
Milled III–8
Prices:
Cleaned III–11
Farm III–8, 11
Shelled III–10
Support operations III–11
Production III–8, 10, 12, IX–17
Seed, prices paid by farmers VI–6
Stocks on hand III–8, 9
Supply III–9
Utilization, shelled III–9, 10
Value III–8, 11, IX–17
Yield III–8, 10, 12, IX–16
Pears:
Area IX–16
Arrivals V–33–34
Canned:
Exports V–26

Page

Pears—Continued
Dried:
Exports V–26
Production V–26
Exports V–26
Imports V–26
Prices:
Farm V–25
Production V–2, 25, 27, IX–17
Shipments V–35
Utilization V–27
Value V–25, IX–17
Yield IX–16
Peas:
Blackeye, frozen pack IV–35–36
Dry:
Exports VI–10
Shipments IV–32
Green:
Area IV–20, IX–18
Arrivals IV–30–31
Production IV–20, IX–19
Shipments IV–32
Value IV–20, IX–19
Yield IV–20, IX–18
Canned:
Consumption IV–32
Pack IV–35
Frozen pack IV–35–36
Prices IV–20
Pecans:
Exports V–42
Imports V–42
Prices V–41
Production V–41, IX–19
Value V–41, IX–19
Peppermint:
Area III–22, IX–16
Farm price III–22
Production III–22, IX–17
Value III–22, IX–17
Yield III–22, IX–16
Pepper, green:
Area IV–20, IX–18
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Price IV–20
Production IV–20, IX–19
Shipments IV–32
Value IV–20, IX–19
Yield IX–18
Persimmons:
Arrivals V–33–34
Shipments V–35
Pesticides:
Acres receiving applications XIV–2,4,5,7,9
Pickles:
Canned pack IV–34
Pig crop VII–20
See also Hogs *and* Sows.
Pineapples:
Area V–25, IX–16
Price V–25
Production V–2, 25, IX–17
Utilization V–25
Value IX–17
Pistachios:
Area V–42, IX–18
Price V–42
Production V–42, IX–19
Value V–42, IX–19
Yield V–42, IX–17
Plums:
Area IX–16
Arrivals V–33–34
Canned:
Disposition V–29
Quantity V–29
Exports V–30
Frozen, commercial pack V–37
Imports V–30
Prices, farm V–28
Production V–2, 28–29, IX–17
Shipments V–35
Utilization V–28–29
Value V–28, IX–17
Yield IX–16
Pollution abatement practices XII–12
Pomegranates:
Production V–2
Shipments V–35

Page

Poppy seed:
Imports III–27
Population:
Eating from civilian food supplies XIII–1
Pork:
Cold-storage holdings VII–58
Consumption VII–50
Exports VII–47
Imports VII–47
Income from, cash and gross VII–23
Production:
Specified countries VII–46
United States VII–45
Potatoes:
Area IV–21–22, IX–16
Arrivals IV–30–31
Consumption IV–33
Crop ranking XV–28
Exports IV–26
Farm disposition IV–21, 25
French fries, frozen IV–23
Frozen pack IV–35–36
Imports IV–26
Prices, farm IV–21, 22
Production IV–21–22,25, IX–17
Seed, prices paid by farmers VI–6
Shipments IV–32
Stocks IV–21, 23
Trade, foreign IV–26
Utilization IV–24
Value IV–21, IX–17
Yield IV–21, IX–16
Poultry:
Cold-storage holdings VIII–46
Consumption per capita XIII–5
Exports VIII–35
Imports XIII–34
Production in specified countries VIII–36
Products, cold-storage holdings VIII–46
Slaughtered under Federal inspection VIII–40
See also Chickens, Chicks, *and* Turkeys.
Poultry-feed price ratios VIII–39
Price index, consumers', by groups and years IX–20
Price support:
Commodities owned XI–2
Commodities under loan XI–3
Granted by CCC XI–1
Operations, investment in XI–9
Prices:
Consumer, index numbers IX–21
Farm product IX–25–27
Index numbers IX–28
Paid by farmers IX–1, 29–32
Parity ratio IX–28
Producer, index numbers IX–28
Received by farmers, index numbers IX–1, 28–29
Production:
Credit associations, loans XI–3
Expenses of farmers IX–38
Operating loans X–23
Index numbers IX–20–22
Proteins (animal), disappearance I–45
Prunes:
Area IX–16
Arrivals V–33–34
Canned:
Quantity V–27
Dried:
Exports V–30
Farm price V–29
Imports V–30
Production V–28–29, 36
Quantity V–27–29
Exports V–30
Frozen:
Pack V–37
Quantity V–28–29
Imports V–30
Prices, farm V–27–28
Production V–2, 28–29, IX–17
Shipments V–35
Utilization V–28–29
Value V–28–29, IX–17
Yield IX–16
Pullets, number, Dec. 1 ....VIII–31–33
Pulpwood consumption XII–34
Pumpkin:
Arrivals IV–30–31
Frozen pack IV–35–36
Shipments IV–32
Radishes, shipments IV–32
Raisins:
Exports V–20
Imports V–20
Production V–18–19

Page

Rapeseed:
Area....IX–16
Production....IX–17
Value....IX–17
Yield....IX–16
Oil:
Imports....III–27
Prices, market....III–29
Production....III–25
Real estate, farm:
Debt:
Outstanding, by regions and total....X–8–10
Loans:
Farmers Home Administration....X–15
Taxes, amount and index numbers....X–1
Value:
By States....IX–9
Index number....IX–30
Refrigeration, warehouse space....XV–25
Rhubarb, frozen pack....IV–35–36
Rice:
Area....I–16, 18, 21–22, IX–16
Crop progress....XV–30
Crop ranking....XV–28
By length of grain....I–16–19
Area....I–16, 18
Production....I–16, 18
Stocks....I–16–17, 19
Yield....I–16, 18
Disappearance....I–17
Exports:
Destination....I–20
Food aid, specified Government programs....I–19
Imports....I–17
Prices:
Farm....I–16, 18
Market....I–24
Support operations....I–20
Production....I–16, 18, 21–22, IX–17
Products, consumption per capita....I–41
Stocks....I–16–17, 19
Supply....I–17
Trade, international....I–23
Value....I–16, 18, IX–17
Yield....I–16, 18, 21–22, IX–16
Rural Utilities Service:
Borrowers, status of....X–23
Electrice borrowers....X–21
Expenses....X–21
Loans....X–19–20
Services....X–19
Rural Telephone Bank....X–23–25
Rye:
Area....I–12, 14–15, IX–16
Consumption, civilian....I–41
Disappearance....I–13
Disposition....I–13
Exports....I–13
Flour, consumption per capita....I–41
Imports....I–13
Prices:
Farm....I–12, 14
Prices:
Market....I–12, 14, 24
Support operations....I–13
Production....I–12, 14–15, IX–17
Supply....I–13
Value....I–12, 14, IX–17
Yield....I–12, 14–15, IX–16
Safflower:
Area....IX–16
Production....IX–17
Value....IX–17
Yield....IX–16
Sausage:
Exports....VII–47
Imports....VII–48
School lunch programs, quantity and costs....XIII–7
Seeds:
Bought, cost to farm operators....IX–38
Field:
Prices, paid by farmers....VI–6
See also under specific kinds.
Sesame:
Oil:
Seed, imports....III–27
Sheep:
Marketings....VII–33
Number in specified countries....VII–29
Number, Jan. 1....VII–30
Prices:
Farm....VII–33
Market....VII–33
Shipments....VII–33

Page

Sheep—Continued
Slaughter:
Farm....VII–33
Under Federal inspection....VII–36, 55
See also Sheep and lambs *and* Livestock.
Sheep and lambs:
Breeding....VII–30–31, 37
Carcasses condemned....VII–55
Disposition....VII–33–34
Income....VII–33–34
Number:
Jan. 1, by classes and States....VII–29
Shorn for wool....VII–38, 42–43
Specified countries....VII–29
Operations....VII–37
Prices, farm....VII–33
Production....VII–34
Receipts at public stockyards....VII–35
Shipments....VII–34
Skins:
Exports....VII–51
Imports....VII–51
Origin....VII–52
Slaughter:
Farm....VII–33–34
Under Federal inspection....VII–36
Value:
Jan. 1....VII–29
Of production....VII–33–34
See also Lambs, Livestock, *and* Sheep.
Shortening:
Consumption:
Civilian....III–29
Disappearance....III–24
Exports....III–24
Manufacture, fats and oils used....III–24
Production....III–24
Supply....III–24
See also Fats *and* Oils.
Skins:
Exports....VII–51
Imports....VII–51
Imports, by country of origin....VII–52
Index numbers, imports....XV–2
Mink pelts produced....VII–54
Snuff:
Consumption....II–35
Manufactured....II–33
Softwoods, production....XII–35
Soil, conservation:
Districts:
Growth....XII–20
State and Local appropriations....XII–20
State participation....XII–19
Practices applied....XII–22
Surveys, area....XII–22
Conservation plans....XII–24
Flood prevention operations....XII–26
Great Plains....XII–25
Watershed improvements....XII–26
Sorghum:
Area....I–42–43, IX–16
Crop progress....XV–30
Crop ranking....XV–28
Grain:
Disappearance....I–42
Exports....I–42
Prices, farm....I–42, 44
Prices, market....I–47
Stocks on and off farms....I–42
Silage....I–42–43
Supply....I–42
Support operations....I–44
Production....I–42–43, IX–17
Seed, prices paid by farmers....VI–6
Value....I–42, 44, IX–17
Yield....I–42–43, IX–16
Sows:
Farrowing....VII–20, 22
See also Hogs *and* Pigs.
Soybean cake and meal:
Cake and meal stocks, production, and exports....III–18
Meal, prices....III–14
Soybean oil:
Exports....III–18, 26, 28
Prices:
Market....III–14
Wholesale....III–29
Production....III–15, 29
Stocks....III–15
Used in—
Drying-oil industries....III–28
Margarine....III–23
Shortening....III–24

Page
Soybeans:
Area....III–13, 15, 17, IX–16
Crop insurance....X–6
Crop progress....XV–31
Crop ranking....XV–28
Crushed....III–15
Exports....III–14, 18
Imports....III–27
Prices:
Farm and Market....III–13, 14, 16
Support operations....III–16
Production....III–13, 15, 17, IX–17
Seed, prices paid by farmers....VI–6
Stocks on and off farms....III–13
Supply and disappearance....III–14
Value....III–13, 16, IX–17
Yield....III–13, 15, 17, IX–16
Spearmint:
Area....III–22, IX–16
Price....III–22
Production....III–22, IX–17
Value....III–22, IX–17
Yield....III–22, IX–16
Special Milk Program....XIII–7
Spinach:
Arrivals....IV–30–31
Consumption....IV–33
Frozen pack....IV–35–36
Shipments....IV–32
Spinach, fresh:
Area....IV-26, IX–18
Price....IV-26
Production....IV-26, IX–19
Value....IX–19
Yield....IX–18
Spinach, processing:
Area....IV-27, IX–18
Price....IV-27
Production....IV-27, IX–19
Value....IX–19
Yield....IX–18
Squash:
Arrivals....IV–30–31
Frozen pack....IV–35–36
Shipments....IV–32
Stags:
Slaughter under Federal inspection....VII–13
Steers:
Beef, prices, market....VII–8
Number, Jan. 1....VII–1
Slaughter under Federal inspection....VII–13
Storage:
General....XV–26
Strawberries:
Area....V–31, IX–18
Arrivals....V–33–34
Frozen pack....V–37
Prices, farm....V–31
Production....V–2, 31, IX–19
Shipments....V–35
Value....V–31, IX–19
Yield....V–31, IX–18
Sugar:
Stocks, production, and deliveries....II–15
Stocks, production, trade, and supply available for consumption....II–16
Stocks, receipts, meltings, and deliveries....II–13
Exports....II–16
Foreign stocks....II–20
Imports....II–15, 19
Imports, index numbers....XV–2
Marketings, by source....II–15
Prices:
Retail, United States....II–19
Wholesale, at New York....II–19
Production, world....II–14
Trade, international....II–17
Sugarbeets:
Area....II–11, IX–16
Prices, farm....II–11
Production....II–11, IX–17
Value....II–11, IX–17
Yield....II–11, IX–16
World area and production....II–12
See also Beets.
Sugarcane:
Area....II–12–13, IX–16
Area, production, and yield:
In Hawaii....II–14
Prices, farm....II–12
Production for sugar and seed....II–12–13, IX–17
Value....II–12, IX–17
Yield per acre....II–12–13, IX–16

Page
Sunflower:
Area....III–19–20, IX–16
Cake and meal....III–7
Price....III–19
Production....III–19–20, IX–17
Value....III–19–20, IX–17
Yield....III–19–20, IX–16
Sunflower seed....III–21
Support prices, commodity....IX–35–36
Sweetpotatoes:
Area....IV–27, IX–16
Arrivals....IV–30–31
Consumption....IV–33
Prices....IV–27
Production....IV–27, IX–17
Shipments....IV–32
Value....IV–27, IX–17
Yield....IV–27, IX–16
Syrup:
Corn:
Consumption, civilian, per capita....I–41
Exports....II–24
Production and consumption....II–24
Maple:
Consumption, domestic....II–24
Imports....II–24
Production....II–24
Refiners':
Consumption....II–24
Production....II–24
Sugarcane:
Consumption....II–24
Syrups, edible:
Consumption....II–24
Foreign trade....II–24
Production....II–24
Tallow:
Edible:
Prices....III–29
Production, world....III–25
Inedible:
Disposition....III–24
Exports....III–26, 28
Factory consumption....III–29
Imports....III–27
Prices....III–24
Production....III–24
Supply....III–24
Tallow oil, prices, wholesale....III–29
Tangelos:
Area....IX–18
Production....V–11, IX-19
Value....V–11, IX–19
Yield....IX–18
Tangerine, juice, pack....V–15, 37
Tangerines:
Area....IX–18
Arrivals....V–32–33
Prices....V–11–12
Production....V–2, 11–12, IX–19
Value....V–11–12, IX–19
Yield....IX–18
Taro:
Area....IV–28, IX–16
Production....IV–28, IX–17
Price....IV–28
Value....IV–28, IX–17
Yield....IV–28, IX–16
Taxes:
Farm real estate:
Amount....X–2
Index numbers....X–2
Levied....X–1
Tea:
Exports from principal countries....V–45
Imports, origin....V–46
Telephone:
Borrower statistics....X–23
Expenses....X–23
Revenues....X–23
Temples:
Area....IX–18
Price....V11–12
Production....V-2, 11, IX–19
Value....V-2, 11–12, IX–19
Yield....IX–18
Timber:
Cut....XII–31
Prices....XII–34, 36
Products....XII–29, 35–36
Removals and growth....XII–29
Volume....XII–28, 30
Timothy seed; prices....VI–6

Page

Tobacco:
Area....II–25–31, IX–16
Chewing:
Consumption....II–35
Crop ranking....XV–28
Manufactured....II–33
Consumption....II–35
Crop insurance....X–7
Disappearance....II–28–31
Exports:
Destination....II–39–40
Index numbers....XV–2
Imports:
Index numbers....XV–2
Origin....II–36
Prices:
Farm....II–25, 28–31
Support operations....II–35
Production....II–25–31, IX–17
Products:
Consumption....II–35
Manufactured....II–33
Smoking:
Consumption....II–35
Manufactured....II–33
Stocks....II–28–32
Supply....II–28–31
Trade, international....II–36–38
Value....II–25, IX–17
World area and production....II–25–27
Yield....II–25–31, IX–16
See also Cigarettes, Cigars, *and* Snuff.
Tomato products:
Catsup exports....IV–28
Juice:
Exports....IV–28
Paste:
Exports and imports....IV–28
Tomatoes:
Area....IV–28–29, IX-18
Arrivals....IV–30–31
Canned:
Consumption....IV–33
Exports....IV–28
Imports....IV–28
Prices....IV–28–29
Production....IV–28–29, IX-19
Shipments....IV–32
Value....IV–28, IX-19
Yield....IV–28, IX-18
Trade, international:
Cotton....II–7
Meat....VII–49–50
Rice....I–23
Sugar....II–17–18
Tobacco....II–36–37
Wheat and flour....I–11
Truck crops. *See* Vegetable crops.
Tung oil:
Imports....III–27
Prices, wholesale....III–29
Turkeys:
Cold storage....VIII–46
Consumption:
Per capita and total....VIII–41
Number raised....VIII–41
Placed....VIII–42
Prices....VIII–41
Production....VIII–41
Sales....VIII–41
Supply and distribution....VIII–41
Tested for pullorum disease....VIII–41
Turnip greens, frozen pack....IV–35–36
Arrivals....IV–30–31
Shipments....IV–32
Utilization of farm commodities:
Apples....V–5
Apricots....V–7
Barley, in alcoholic products....I–35
Cherries....V–10
Corn:
in alcoholic products....I–25
Grapes....V–19
Land....IX–6
Milk....VIII–21
Olives....V–21
Peaches....V–23
Pears....V–25, 27
Plums and prunes....V–28–29
Total index....IX–22
See also individual items.
Value of agricultural commodities:
Crops:
Principal....IX–17, 18

Page

Value of agricultural commodities—Continued
Crops—Continued
Specific. *See under name of specific crop.*
Vegetable....IV–2, 5
Exports....XV–2, 5–8
Imports....XV–2, 8–9
Livestock....VII–55
Veal:
Consumption....VII–50
Production....VII–46, 50
See also Beef, Beef and Veal, *and* Meats.
Vegetable fats and oils:
Fats. *See* Fats, vegetable.
Oils. *See* Oils, vegetable.
Vegetables:
Area....IV–2–3, IX–18
Arrivals....IV–30–31
Canned:
Consumption....IV–34
Pack....IV–34
Exports, index numbers....XV–2
Frozen:
Cold-storage stocks....IV–38
Consumption....IV–37
Pack....IV–35–36
Orders, marketing....XI–14
Production....IV–2, 4, IX–19
Shipments....IV–32
Value....IV–2, 5, IX–19
Yield....IX–18
See also under specific kinds.
Vitamins:
Quantity available....XIII–2
Wages, farm:
Average earnings received....IX–16
Rates....IX–12–14
Walnuts, English:
Area....V–42, IX–18
Exports....V–42
Imports....V–42
Prices....V–42
Production in foreign countries....V–39
Production....V–42, IX–19
Value....V–42, IX–19
Yield....V–42, IX–18
Warehouse space, refrigerated....XV–25–26
Water conservation. *See* Conservation.
Watermelons:
Area....IV-40, IX–18
Arrivals....IV–30–31
Consumption....IV–33
Price....IV-40
Production....IV-40, IX–19
Shipments....IV–32
Value....IX–19
Yield....IX–18
See also Melons *and* Vegetable seeds.
Watershed improvements of Natural Resources Conservation Service....XII–26
Weights:
Equivalent measures....v–vii
Tables, explanation....iv
Wheat:
Area....I–1, 2, 5–6, 8–9, IX–16
Cereal, consumption per capita....I–41
Consumption....I–41
Crop insurance....X–7
Crop progress....XV–29
Crop ranking....XV–28
Disappearance....I–4
Exports....I–4, 11–12
Food aid, specified government programs....I–10
Flour:
Consumption, civilian, per capita....I–41
Exports, destination....I–12
Imports....I–4, 10–11
Loan program, Commodity Credit Corporation....XI–3–4, 12
Prices:
Farm....I–1–2, 7
Market....I–24
Support operations....I–7
Production....I–1–6, 8–9, IX–17
Seed, price paid by farmers....VI–6
Stocks:
By classes....I–4
On and off farms....I–3
Supply....I–4
Trade, international....I–11
Value....I–1–2, 7, IX–17
Yield....I–1–2, 5–6, 8–9, IX–16
Wood-pulp production....XII–34

Page

Wool:
Consumption, total VII–40–41
Imports:
By grades VII–40
Index numbers XV–2
Origin VII–41
Quantity for consumption VII–40

Page

Wool—Continued
Prices:
Delivered to U.S. mills VII–39
Farm VII–43
Price-support operations VII–39
Production, shorn VII–42–43
Value and weight per fleece VII–38, 42–43
Workers, farm:
Average wage rate IX–12–14
Hired IX–12–14