
Section 17

Agriculture

This section presents statistics on farms and farm operators; land use; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources are the reports issued by the National Agricultural Statistics Service (NASS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The information from the 2002 Census of Agriculture is available in printed form in the Volume 1, Geographic Area Series; in electronic format on CD-ROM; and on the Internet site <<http://www.nass.usda.gov/census/>>. The Department of Agriculture publishes annually *Agricultural Statistics*, a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The ERS publishes data on farm assets, debt, and income on the Internet site <<http://www.ers.usda.gov/briefing/farmincome/>>. Sources of current data on agricultural exports and imports include *Outlook for U.S. Agricultural Trade*, published by the ERS; the ERS Internet site <<http://www.ers.usda.gov/briefing/AgTrade>>; and the reports of the U.S. Census Bureau, particularly *U.S. Imports of Merchandise on CD-ROM*, and *U.S. Exports of Merchandise on CD-ROM*.

The 45 field offices of the NASS collect data on crops, livestock and products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 75 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Agricultural Statistics Board of NASS, which reviews the estimates and issues reports containing state and national data. Among these reports are annual summaries such as *Crop Production*, *Crop Values*, *Agricultural Prices*, and *Livestock Production, Disposition and*

Income. For more information about concepts and methods underlying USDA's statistical series, see *Major Statistical Series of the U.S. Department of Agriculture* (Agricultural Handbook No. 671), a 12-volume set of publications.

Farms and farmland—The definitions of a farm have varied through time. Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.

Acreage designated as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operation. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve and Wetlands Reserve Programs for places meeting the farm definition. Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as “land in farms” provided it was part of a farm or ranch.

An evaluation of coverage has been conducted for each census of agriculture since 1945 to provide estimates of the completeness of census farm counts. The 2002 coverage evaluation shows the census covered 96 percent of the farms with \$50,000 or more in sales, but only 78 percent of farms with less than \$50,000 in sales. The overall coverage of all farms was 82 percent. The census covered nearly 98 percent of all land in farms and

97 percent of the market value of agricultural products sold. In 2002, census farm counts and totals were statistically adjusted for coverage and reported at the county level. The size of the adjustments varies considerably by state. In general, farms not on the census mail list tended to be small in acreage, production, and sales of farm products. For more explanation about census mail list compilation, collection methods, coverage measurement, and adjustments, see Appendices A and C, 2002 Census of Agriculture, Volume 1 reports.

Farm income—The final agricultural sector output comprises cash receipts from farm marketings of crops and livestock, federal government payments made directly to farmers for farm-related activities, rental value of farm homes, value of farm products consumed in farm homes, and other farm-related income such as machine hire and custom work. Farm marketings represent quantities of agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Information on prices received for farm products is generally obtained by the NASS Agricultural Statistics Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities directly from producers. In some cases, the price information is obtained directly from the producers.

Crops—Estimates of crop acreage and production by the NASS are based on current sample survey data obtained from individual producers and objective yield counts, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from

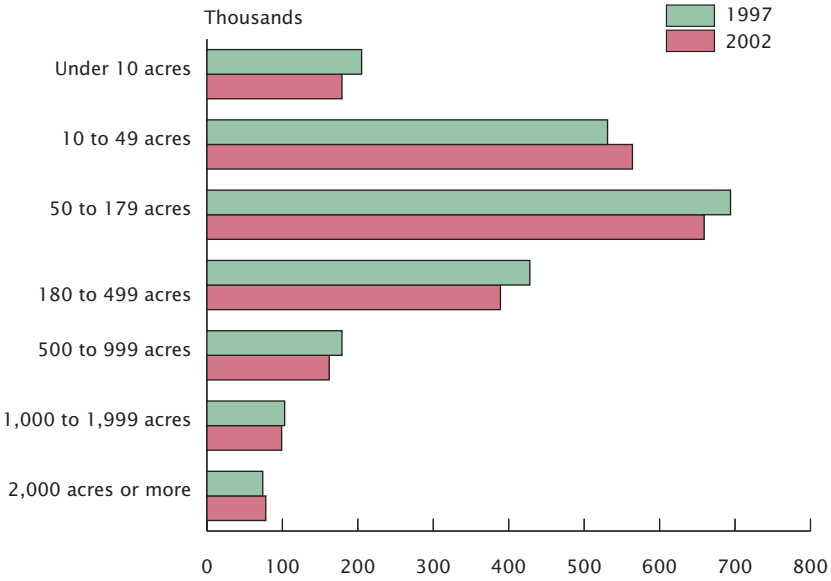
other sources. Prices received by farmers are marketing year averages. These averages are based on U.S. monthly prices weighted by monthly marketings during specific periods. U.S. monthly prices are state average prices weighted by marketings during the month. Marketing year average prices do not include allowances for outstanding loans, government purchases, deficiency payments or disaster payments.

All state prices are based on individual state marketing years, while U.S. marketing year averages are based on standard marketing years for each crop. For a listing of the crop marketing years and the participating states in the monthly program, see *Crop Values*. Value of production is computed by multiplying state prices by each state's production. The U.S. value of production is the sum of state values for all states. Value of production figures shown in Tables 822-825, 829, and 830 should not be confused with cash receipts from farm marketings which relate to sales during a calendar year, irrespective of the year of production.

Livestock—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods.

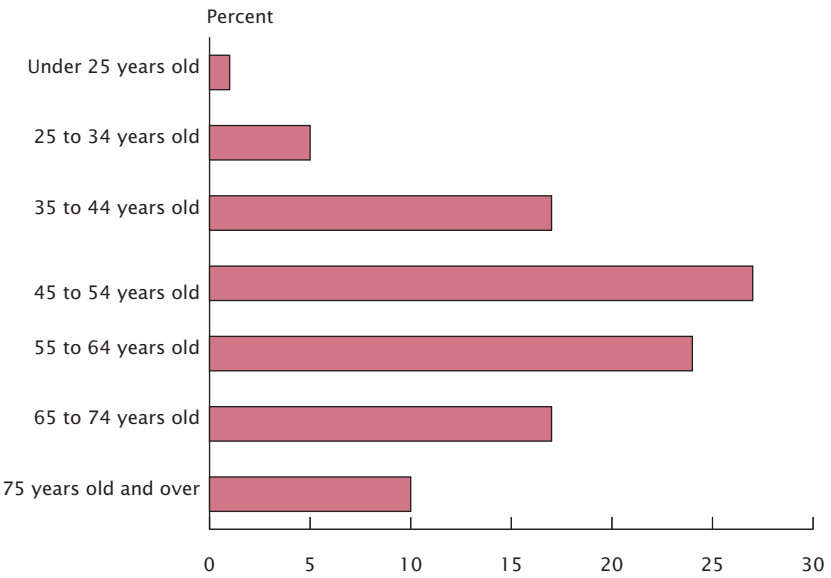
Statistical reliability—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Department of Agriculture data, see Appendix III.

Figure 17.1
Farms by Size, 1997 and 2002



Source: Chart prepared by U.S. Census Bureau. For data, see Table 787.

Figure 17.2
Age of Principal Operator: 2002



Source: Chart prepared by U.S. Census Bureau. For data, see Table 788.

No. 787. Farms by Size and Type of Organization: 1974 to 2002

[2,314 represents 2,314,000. For comments on adjustment, see text, this section. See also Appendix III]

Size and type of organization	Unit	Not adjusted for coverage							
		1974	1978	1982	1987	1992	1997	1997 ¹	2002 ¹
Farms	1,000 . . .	2,314	2,258	2,241	2,088	1,925	1,912	2,216	2,129
Land in farms	Mil. acres	1,017	1,015	987	964	946	932	955	938
Average size of farm	Acres. . . .	440	449	440	462	491	487	431	441
Farms by size:									
Under 10 acres	1,000 . . .	128	151	188	183	166	154	205	179
10 to 49 acres	1,000 . . .	380	392	449	412	388	411	531	564
50 to 179 acres	1,000 . . .	828	759	712	645	584	593	694	659
180 to 499 acres	1,000 . . .	616	582	527	478	428	403	428	389
500 to 999 acres	1,000 . . .	207	213	204	200	186	176	179	162
1,000 to 1,999 acres	1,000 . . .	93	98	97	102	102	101	103	99
2,000 acres or more	1,000 . . .	62	63	65	67	71	75	74	78
Farms by type of organization:									
Family or individual	1,000 . . .	(NA)	1,966	1,946	1,809	1,653	1,643	1,923	1,910
Partnership	1,000 . . .	(NA)	233	223	200	187	169	186	130
Corporation	1,000 . . .	(NA)	50	60	67	73	84	90	74
Other ²	1,000 . . .	(NA)	9	12	12	12	15	17	16

NA Not available. ¹ Data have been adjusted for coverage; see text, this section. ² Cooperative, estate or trust, institutional, etc.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service. *2002 Census of Agriculture*, Vol. 1.

No. 788. Farm Operators—Tenure and Characteristics: 1997 and 2002

[In thousands, except as indicated (2,216 represents 2,216,000). An "operator" is a person who operates a farm, either doing the work or making day-to-day decisions. A family operation may have more than one operator. A principal operator is the person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. Data on operator characteristics were collected up to a maximum of three operators per farm, though operations were asked to report the total number of operators. Data have been adjusted for coverage; see text, this section and Appendix III]

Characteristic	2002				Characteristic	2002			
	Principi- pal opera- tors, 1997	Total opera- tors	Principi- pal opera- tors	Other opera- tors		Principi- pal opera- tors, 1997	Total opera- tors	Principi- pal opera- tors	Other opera- tors
Total	2,216	3,054	2,129	925	Full owner	1,385	(NA)	1,428	(NA)
White	2,154	2,966	2,067	899	Part owner	616	(NA)	551	(NA)
Black or African American	27	36	29	7	Tenant	215	(NA)	150	(NA)
American Indian or Alaska Native	13	24	15	9	Principal occupation:				
Native Hawaiian or Other Pacific Islander ¹	(NA)	2	1	1	Farming	1,044	1,658	1,224	434
Asian ¹	10	13	8	5	Other	1,171	1,396	905	491
More than one race reported	(NA)	12	8	4	Place of residence: ³				
Other	12	(NA)	(NA)	(NA)	On farm operated	1,577	2,391	1,680	711
Operators of Hispanic origin ²	33	72	51	22	Not on farm operated	475	662	449	214
Female	210	822	238	585	Years on present farm: ³				
Under 25 years old	24	60	17	43	2 years or less	115	143	75	68
25 to 34 years old	155	201	106	95	3 to 4 years	157	251	144	108
35 to 44 years old	444	590	366	224	5 to 9 years	318	587	375	212
45 to 54 years old	552	838	573	265	10 years or more	1,253	2,073	1,536	537
55 to 64 years old	481	690	509	181	Average years on present farm:				
65 to 74 years old	(NA)	439	354	85	19.4	(NA)	20.7	(NA)	
75 years old and over	(NA)	236	203	32	Days worked off farm: ³				
Average age (years)	54.0	53.2	55.3	(NA)	None	833	1,354	962	392
					1 to 49 days	121	183	122	61
					50 to 99 days	65	102	66	36
					100 to 199 days	(NA)	224	146	78
					200 days or more	871	1,190	832	358

NA Not available. ¹ In 1997, Asians and Native Hawaiians or Other Pacific Islanders were tabulated in one group. ² Operators of Hispanic origin may be of any race. ³ Data for 1997 exclude not reported.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture*, Vol. 1.

No. 789. Farms—Number and Acreage by Size of Farm: 1997 and 2002

[2,216 represents 2,216,000. Data have been adjusted for coverage; see text, this section and Appendix III]

Size of farm	Number of farms (1,000)		Land in farms (mil. acres)		Cropland harvested (mil. acres)		Percent distribution, 2002		
	1997	2002	1997	2002	1997	2002	Number of farms	All land in farms	Cropland harvested
Total	2,216	2,129	954.8	938.3	318.9	302.7	100.0	100.0	100.0
Under 10 acres	205	179	0.9	0.8	0.3	0.2	8.4	0.1	0.1
10 to 49 acres	531	564	14.0	14.7	4.3	4.1	26.5	1.6	1.4
50 to 69 acres	154	152	9.0	8.8	2.7	2.5	7.1	0.9	0.8
70 to 99 acres	200	191	16.5	15.7	5.2	4.7	9.0	1.7	1.5
100 to 139 acres	187	175	21.7	20.2	7.0	6.1	8.2	2.2	2.0
140 to 179 acres	153	142	24.1	22.3	8.4	7.3	6.7	2.4	2.4
180 to 219 acres	100	91	19.8	18.0	7.2	6.2	4.3	1.9	2.1
220 to 259 acres	79	72	18.8	17.1	7.5	6.5	3.4	1.8	2.1
260 to 499 acres	249	226	89.2	80.6	40.1	34.1	10.6	8.6	11.3
500 to 999 acres	179	162	124.6	112.4	66.5	56.7	7.6	12.0	18.7
1,000 to 1,999 acres	103	99	140.7	135.7	75.9	72.8	4.7	14.5	24.0
2,000 acres or more	74	78	475.6	491.9	94.1	101.6	3.7	52.4	33.6

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, 2002 Census of Agriculture, Vol. 1.

No. 790. Farms—Number and Acreage by Tenure of Principal Operator: 1997 and 2002

[2,216 represents 2,216,000. Full owners own all the land they operate. Part owners own a part and rent from others the rest of the land they operate. A principal operator is the person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. Data have been adjusted for coverage; see text, this section and Appendix III]

Item and year	Unit					Percent distribution			
		Total	Full owner	Part owner	Tenant	Total	Full owner	Part owner	Tenant
NUMBER OF FARMS									
1997	1,000	2,216	1,385	616	215	100	63	28	10
2002, total	1,000	2,129	1,428	551	150	100	67	26	7
Under 50 acres	1,000	743	639	64	41	100	86	9	5
50 to 179 acres	1,000	659	487	131	41	100	74	20	6
180 to 499 acres	1,000	389	203	153	33	100	52	39	8
500 to 999 acres	1,000	162	54	91	17	100	33	56	10
1,000 acres or more	1,000	177	46	112	18	100	26	64	10
LAND IN FARMS									
1997	Mil. acres	955	332	512	111	100	35	54	12
2002	Mil. acres	938	357	495	87	100	38	53	9

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, 2002 Census of Agriculture, Vol. 1.

No. 791. Farms—Number, Acreage, and Value by Type of Organization: 1997 and 2002

[2,216 represents 2,216,000. Data have been adjusted for coverage; see text, this section and Appendix III]

Item and year	Unit					Percent distribution			
		Total ¹	Indi- vidual or family	Part- nership	Corpor- ation	Total	Indi- vidual or family	Part- nership	Corpor- ation
NUMBER OF FARMS									
1997	1,000	2,216	1,923	186	90	100	87	8	4
2002	1,000	2,129	1,910	130	74	100	90	6	4
LAND IN FARMS									
1997	Mil. acres	955	605	151	133	100	63	16	14
2002	Mil. acres	938	622	146	108	100	66	16	12
Value of land and buildings, 2002 ²	Bil. dol.	1,145	836	158	129	100	73	14	11
Value of farm products sold, 2002	Bil. dol.	201	104	37	57	100	52	18	28

¹ Includes other types, not shown separately. ² Based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, 2002 Census of Agriculture, Vol. 1.

No. 792. Corporate Farms—Characteristics by Type: 2002

[108.3 represents 108,300,000. Data have been adjusted for coverage; see text, this section and Appendix III]

Item	Unit	Family held corporations				Other corporations		
		All corporations	Total	1-10 stockholders	11 or more stockholders	Total	1-10 stockholders	11 or more stockholders
Farms	Number	73,752	66,667	65,017	1,650	7,085	6,010	1,075
Percent distribution	Percent	100	90	88	2	10	8	1
Land in farms	Mil. acres	108.3	99.0	92.0	7.0	9.3	6.3	3.0
Average per farm	Acres	1,469	1,485	1,416	4,226	1,315	1,050	2,799
Value of—								
Land and buildings ¹	Bil. dol.	128.9	114.1	105.9	8.2	14.7	9.5	5.3
Average per farm	\$1,000	1,759	1,720	1,642	4,446	2,142	1,646	4,684
Farm products sold	Bil. dol.	57.0	44.0	38.0	6.0	13.0	7.5	5.4
Average per farm	\$1,000	773	660	585	3,625	1,828	1,255	5,032

¹ Based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture*, Vol. 1.

No. 793. Farms—Number, Acreage, and Value of Sales by Size of Sales: 2002

[2,129 represents 2,129,000. Data have been adjusted for coverage; see text, this section and Appendix III]

Market value of agricultural products sold	Acreage			Value of sales		Percent distribution		
	Farms (1,000)	Total (mil.)	Average per farm	Total (mil. dol.)	Average per farm (dol.)	Farms	Acreage	Value of sales
Total	2,129	938.3	441	200,646	94,244	100.0	100.0	100.0
Less than \$2,500	827	107.0	129	485	586	38.8	11.4	0.2
\$2,500 to \$4,999	213	23.1	108	763	3,582	10.0	2.5	0.4
\$5,000 to \$9,999	223	34.8	156	1,577	7,072	10.5	3.7	0.8
\$10,000 to \$24,999	256	69.5	271	4,068	15,891	12.0	7.4	2.0
\$25,000 to \$49,999	158	77.9	494	5,594	35,405	7.4	8.3	2.8
\$50,000 to \$99,999	140	110.1	784	10,024	71,600	6.6	11.7	5.0
\$100,000 to \$249,999	159	189.4	1,191	25,401	159,755	7.5	20.2	12.7
\$250,000 to \$499,999	82	140.8	1,723	28,530	347,927	3.9	15.0	14.2
\$500,000 to \$999,999	42	94.0	2,241	28,944	689,143	2.0	10.0	14.4
\$1,000,000 or more	29	91.7	3,198	95,259	3,284,793	1.4	9.8	47.5

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture*, Vol. 1.

No. 794. Number of Farms by Economic Class of Farm: 2002

[2,129 represents 2,129,000. Economic class of farm is a combination of value of agricultural products sold and federal farm program payments. Full owners own all the land they operate. Part owners own a part and rent from others the rest of the land they operate. Data have been adjusted for coverage; see text, this section and Appendix III]

Economic class of farm	Tenure of principal operator ²				Type of organization		
	Total ¹	Full owner	Part owner	Tenant	Individual or family	Partnership	Corporation
NUMBER OF FARMS (1,000)							
Total	2,129	1,428	551	150	1,910	130	74
Less than \$1,000	431	372	42	17	410	13	6
\$1,000 to \$2,499	307	260	34	13	293	9	3
\$2,500 to \$4,999	243	193	38	12	229	9	3
\$5,000 to \$9,999	247	180	51	16	230	11	3
\$10,000 to \$24,999	272	175	76	22	248	16	6
\$25,000 to \$49,999	164	86	60	17	145	12	5
\$50,000 to \$99,999	143	59	67	17	122	12	7
\$100,000 to \$249,999	163	49	94	20	132	17	12
\$250,000 to \$499,999	86	26	51	9	61	13	11
\$500,000 to \$999,999	44	16	24	4	27	9	8
\$1,000,000 to \$2,499,999	22	9	11	2	10	5	6
\$2,500,000 to \$4,999,999	5	2	2	1	2	1	2
\$5 million or more	3	2	1	(Z)	1	1	2
Market value of agricultural products sold and government payments (mil. dol.)	207,192	89,718	94,808	22,666	108,863	38,221	57,668

Z Less than 500. ¹ Includes other types, not shown separately. ² A principal operator is the person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Source: U.S. Department of Agriculture, National Agricultural Statistics Service. *2002 Census of Agriculture*, Vol. 1.

No. 795. Farms—Number, Acreage, and Value by State: 1997 and 2002

[2,216 represents 2,216,000. Data have been adjusted for coverage; see text, this section and Appendix III]

State	Number of farms (1,000)		Land in farms (mil. acres)		Average size of farm (acres)		Total value of land and buildings ¹ (bil. dol.)		Market value of agricultural products sold and government payments, 2002 (mil. dol.)	Total number of opera- tors, 2002 (1,000)
	1997	2002	1997	2002	1997	2002	1997	2002		
United States	2,216	2,129	954.8	938.3	431	441	921.6	1,144.9	207,192	3,115
Alabama	50	45	9.5	8.9	191	197	14.1	15.1	3,343	63
Alaska	1	1	0.9	0.9	1,608	1,479	0.3	0.3	48	1
Arizona	9	7	27.2	26.6	3,194	3,645	11.0	10.6	2,427	12
Arkansas	49	47	14.8	14.5	300	305	17.5	21.2	5,189	70
California	88	80	28.8	27.6	327	346	73.8	96.1	25,906	125
Colorado	30	31	32.4	31.1	1,071	991	20.3	23.8	4,651	50
Connecticut	5	4	0.4	0.4	83	85	2.5	3.5	4,674	7
Delaware	3	2	0.6	0.5	221	226	1.5	2.3	627	4
Florida	46	44	10.7	10.4	233	236	24.8	29.3	6,264	64
Georgia	49	49	11.3	10.7	228	218	17.9	22.6	5,030	67
Hawaii	5	5	1.4	1.3	263	241	3.5	4.6	534	8
Idaho	26	25	12.1	11.8	470	470	12.5	15.3	4,002	39
Illinois	79	73	27.7	27.3	350	374	58.2	66.7	8,089	102
Indiana	67	60	15.5	15.1	233	250	32.4	38.4	5,008	86
Iowa	97	91	32.3	31.7	334	350	54.1	64.2	12,813	127
Kansas	65	64	46.7	47.2	712	733	27.3	32.6	9,074	90
Kentucky	91	87	13.9	13.8	153	160	20.3	25.5	3,174	123
Louisiana	30	27	8.4	7.8	275	286	10.3	12.2	1,939	39
Maine	7	7	1.3	1.4	177	190	1.7	2.3	472	11
Maryland	13	12	2.2	2.1	165	170	7.1	8.5	1,326	19
Massachusetts	7	6	0.6	0.5	79	85	3.1	4.6	389	10
Michigan	54	53	10.4	10.1	195	190	18.0	27.1	3,917	80
Minnesota	79	81	27.6	27.5	350	340	31.4	41.8	8,926	114
Mississippi	42	42	11.4	11.1	271	263	12.6	15.6	3,262	58
Missouri	111	107	30.2	29.9	272	280	32.7	45.3	5,248	158
Montana	28	28	58.4	59.6	2,115	2,139	18.0	23.3	2,093	43
Nebraska	55	49	45.9	45.9	841	930	30.0	35.7	10,051	71
Nevada	3	3	6.4	6.3	2,000	2,118	2.5	2.8	451	5
New Hampshire	4	3	0.5	0.4	118	132	1.2	1.4	149	6
New Jersey	10	10	0.9	0.8	85	81	5.7	7.4	754	15
New Mexico	18	15	46.2	44.8	2,583	2,954	9.7	10.6	1,750	23
New York	38	37	7.8	7.7	204	206	10.4	12.9	3,228	58
North Carolina	59	54	9.4	9.1	160	168	20.7	28.0	7,059	76
North Dakota	32	31	39.7	39.3	1,227	1,283	16.0	15.8	3,526	42
Ohio	79	78	14.7	14.6	187	187	30.3	39.6	4,461	114
Oklahoma	84	83	34.1	33.7	405	404	21.6	23.8	4,606	121
Oregon	40	40	17.7	17.1	442	427	17.7	20.4	3,248	66
Pennsylvania	60	58	7.8	7.7	130	133	19.9	26.3	4,343	87
Rhode Island	1	1	0.1	0.1	65	71	0.4	0.6	56	1
South Carolina	26	25	5.0	4.8	193	197	7.6	10.1	1,528	34
South Dakota	33	32	44.1	43.8	1,330	1,380	15.7	19.6	4,050	46
Tennessee	92	88	12.0	11.7	131	133	22.4	28.5	2,259	123
Texas	228	229	134.0	129.9	587	567	82.5	100.5	14,664	335
Utah	16	15	12.0	11.7	760	768	7.2	9.0	1,143	24
Vermont	7	7	1.3	1.2	186	189	2.1	2.5	497	11
Virginia	49	48	8.8	8.6	177	181	17.6	23.3	2,416	70
Washington	40	36	15.8	15.3	393	426	20.9	22.4	5,465	56
West Virginia	22	21	3.7	3.6	172	172	4.2	4.8	488	30
Wisconsin	80	77	16.2	15.7	204	204	20.6	35.8	5,871	118
Wyoming	9	9	34.3	34.4	3,633	3,651	7.6	10.2	902	16

¹ Based on reports for a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture*, Vol. 1.

No. 796. Farms—Number and Acreage: 1980 to 2003

[As of June 1 (2,440 represents 2,440,000). Based on 1974 census definition; for definition of farms and farmland, see text of this section. Activities included as agriculture have undergone changes in recent years. Data for period 1995 to 2003 are not directly comparable with data for 1980 to 1990. Data for census years (indicated by italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (-) indicates decrease]

Year	Farms		Land in farms		Year	Farms		Land in farms	
	Number (1,000)	Annual change ¹ (1,000)	Total (mil. acres)	Average per farm (acres)		Number (1,000)	Annual change ¹ (1,000)	Total (mil. acres)	Average per farm (acres)
1980	2,440	3	1,039	426	1998	2,192	2	952	434
1985	2,293	-41	1,012	441	1999	2,187	-5	948	434
1990	2,146	-29	987	460	2000	2,167	-21	945	436
1995	2,196	-1	963	438	2001	2,149	-18	942	438
1996	2,191	-6	959	438	2002	2,135	-13	940	440
1997	2,191	-	956	436	2003	2,127	-9	939	441

- Represents or rounds to zero. ¹ Annual change from immediate preceding year.

No. 797. Farms—Number and Acreage by State: 2000 and 2003

[2,167 represents 2,167,000. See headnote, Table 796]

State	Farms (1,000)		Acreage (mil.)		Acreage per farm		State	Farms (1,000)		Acreage (mil.)		Acreage per farm	
	2000	2003	2000	2003	2000	2003		2000	2003	2000	2003	2000	2003
U.S.	2,167	2,127	945	939	436	441	Montana	28	28	59	60	2,133	2,146
Alabama	47	45	9	9	191	198	Nebraska	52	49	46	46	887	946
Alaska	1	1	1	1	1,569	1,475	Nevada	3	3	6	6	2,065	2,100
Arizona	11	10	27	27	2,514	2,573	New Hampshire	3	3	(Z)	(Z)	133	132
Arkansas	48	48	15	14	304	303	New Jersey	10	10	1	1	86	83
California	83	79	28	27	337	345	New Mexico	18	18	45	45	2,494	2,554
Colorado	30	31	32	31	1,053	987	New York	38	37	8	8	205	207
Connecticut	4	4	(Z)	(Z)	86	86	North Carolina	56	54	9	9	166	170
Delaware	3	2	1	1	215	230	North Dakota	31	30	39	39	1,279	1,300
Florida	44	44	10	10	236	232	Ohio	79	78	15	15	187	188
Georgia	49	49	11	11	222	219	Oklahoma	85	84	34	34	400	404
Hawaii	6	6	1	1	251	236	Oregon	40	40	17	17	433	430
Idaho	25	25	12	12	486	472	Pennsylvania	59	58	8	8	130	132
Illinois	77	73	28	28	357	377	Rhode Island	1	1	(Z)	(Z)	75	71
Indiana	63	60	15	15	240	253	South Carolina	24	24	5	5	203	199
Iowa	94	90	33	32	346	352	South Dakota	32	32	44	44	1,358	1,386
Kansas	65	65	48	47	736	732	Tennessee	88	87	12	12	134	133
Kentucky	90	87	14	14	152	159	Texas	228	229	131	131	573	570
Louisiana	29	27	8	8	277	289	Utah	6	15	12	12	748	758
Maine	7	7	1	1	190	190	Vermont	7	7	1	1	192	192
Maryland	12	12	2	2	172	170	Virginia	49	48	9	9	180	181
Massachusetts	6	6	1	1	89	85	Washington	37	36	16	15	420	431
Michigan	53	53	10	10	192	189	West Virginia	21	21	4	4	173	173
Minnesota	81	80	28	28	344	346	Wisconsin	78	77	16	16	206	204
Mississippi	42	43	11	11	266	260	Wyoming	9	9	35	34	3,750	3,743
Missouri	109	106	30	30	277	285							

Z Less than 500,000 acres.

Source of Tables 796 and 797: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Farm Numbers, 1975-80; Farms and Land in Farms, Final Estimates by States, 1979-1987; Farms and Land in Farms, Final Estimates, 1988-1992; Farms and Land in Farms, Final Estimates, 1993-1997; Farm Numbers and Land in Farms, Final Estimates, 1998-2002; and Farms and Land in Farms, February releases.*

No. 798. Certified Organic Farmland Acreage and Livestock: 1997 to 2001

Item	Unit				Crop	Certified organic acreage (1,000)	
		1997	2000	2001		1997	2001
Certified growers	Number	5,021	6,592	6,949	Corn	43	94
Certified organic acreage, total	1,000	1,347	2,029	2,344	Wheat	126	195
Pastureland and rangeland	1,000	496	810	1,040	Oats	30	33
Cropland	1,000	850	1,219	1,305	Barley	30	31
Certified animals:					Rice	11	32
Beef cows	Number	4,429	13,829	15,197	Millet	12	23
Milk cows	Number	12,897	38,196	48,677	Buckwheat	8	14
Hogs and pigs	Number	482	1,724	3,135	Soybeans	82	174
Sheep and lambs	Number	705	2,279	4,207	Dry beans	5	15
Layer hens	1,000	538	1,114	1,612	Hay and silage	127	254
Broilers	1,000	38	1,925	3,286	Sunflowers	11	15
Turkeys	Number	(NA)	9,138	98,653	Lettuce	6	16
Unclassified/other	Number	226,105	111,359	17,244	Apples	9	12
					Grapes	19	15
					Cotton	10	11
					Trees for maple syrup	14	12

NA Not available.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Organic Farming Emerges in the 1990s: Adoption of Certified Systems*, AIB No. 770, June 2001; *U.S. Organic Farming in 2000-2001: Adoption of Certified Systems*, AIB No. 780, February 2003; and "U.S. Organic Agriculture Data Tables"; <<http://www.ers.usda.gov/data/organic/>>. February 2003; and "U.S. Organic Agriculture Data Tables"; <<http://www.ers.usda.gov/data/organic/>>.

No. 799. Farm Sector Output and Value Added: 1990 to 2002

[In billions of dollars (180.1 represents \$180,100,000,000). For definition of value added, see text, Section 13. Minus sign (-) indicates decrease]

Item	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
CURRENT DOLLARS											
Farm output, total	180.1	182.2	197.6	192.0	215.9	222.0	208.9	198.5	203.6	213.3	202.2
Cash receipts from farm marketings	172.1	182.3	181.1	194.3	201.6	211.2	199.0	190.2	196.6	202.5	195.6
Farm products consumed on farms	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5
Other farm income	4.9	5.1	5.1	6.3	6.1	7.4	8.5	9.4	8.4	9.5	9.3
Change in farm finished goods inventories.	2.4	-5.9	10.8	-9.2	7.8	2.8	0.8	-1.6	-2.0	0.7	-3.2
Less: Intermediate goods and services consumed	103.5	111.6	115.9	123.5	125.2	133.9	130.0	129.8	132.1	137.8	131.5
Equals: Gross farm value added	76.6	70.6	81.6	68.5	90.7	88.1	78.9	68.8	71.5	75.5	70.7
Less: Consumption of fixed capital	18.6	18.9	19.2	19.6	19.9	20.3	20.9	21.2	21.3	21.7	22.1
Equals: Net farm value added.	58.0	51.7	62.4	48.9	70.8	67.8	58.0	47.6	50.2	53.8	48.7
Compensation of employees	13.4	14.2	14.4	15.4	16.0	17.1	18.2	18.9	19.7	20.9	20.5
Taxes on production and imports	3.8	3.8	4.0	4.2	4.2	4.4	4.3	4.9	4.7	4.8	5.1
Less: Subsidies to operators	7.6	11.3	6.6	6.1	6.2	6.4	10.5	18.6	19.6	18.3	9.5
Net operating surplus	48.5	45.0	50.6	35.4	56.7	52.6	46.0	42.4	45.4	46.4	32.5
CHAINED (2000) DOLLARS ²											
Farm output, total	164.5	171.5	187.4	179.6	183.3	198.4	198.4	200.5	203.6	203.2	200.8
Cash receipts from farm marketings	159.0	173.3	173.3	183.5	172.1	189.2	189.2	192.0	196.6	192.4	194.3
Farm products consumed on farms	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
Other farm income	4.8	5.0	4.9	5.8	5.2	6.5	7.9	9.5	8.4	9.4	8.8
Change in farm finished goods inventories.	2.1	-5.8	10.0	-8.8	6.0	2.5	0.9	-1.8	-2.0	0.8	-3.2
Less: Intermediate goods and services consumed	117.5	123.5	126.7	134.4	128.5	133.7	137.5	138.1	132.1	134.8	131.0
Equals: Gross farm value added	49.3	50.6	60.9	49.6	56.1	64.4	61.6	62.9	71.5	68.5	69.8
Less: Consumption of fixed capital	23.0	21.6	21.4	21.3	21.1	21.3	21.6	21.6	21.3	21.3	21.4
Equals: Net farm value added.	29.4	31.2	40.1	30.4	36.0	42.9	40.2	41.5	50.2	47.2	48.4

¹ Includes rent paid to nonoperator landlords. ² See text, Section 13.

Source: U.S. Bureau of Economic Analysis, *National Income and Product Accounts, Volume 1, 1929-2000*, and *Survey of Current Business*, February 2004. See also <<http://www.bea.gov/bea/dn/nipaweb/selecttable.asp>>.

No. 800. Value Added to Economy by Agricultural Sector: 1990 to 2002

[In billions of dollars (188.8 represents \$188,800,000,000). Data are consistent with the net farm income accounts and include income and expenses related to the farm operator dwellings. The concept presented is consistent with that employed by the Organization for Economic Co-operation and Development]

Item	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Final agricultural sector output	188.8	191.6	208.2	203.5	228.4	230.6	219.7	213.0	218.5	227.7	217.2
Final crop output (sales)	83.3	82.6	100.3	95.7	115.5	112.4	101.7	92.6	94.8	95.1	97.2
Final animal output (sales)	90.2	92.1	89.8	87.8	92.1	96.5	94.2	95.3	99.3	106.4	93.2
Services and forestry	15.3	17.0	18.1	19.9	20.8	21.8	23.8	25.1	24.4	26.2	26.8
Machine hire and customwork	1.8	1.9	2.1	1.9	2.2	2.4	2.2	2.0	2.2	2.1	2.2
Forest products sold	1.9	2.5	2.6	2.8	2.7	2.9	3.1	2.7	2.9	2.7	2.6
Other farm income	4.5	4.6	4.3	5.8	6.2	6.9	8.7	10.1	8.7	10.1	10.6
Gross imputed rental value of farm dwellings	7.2	8.1	9.0	9.4	9.8	9.7	9.9	10.2	10.7	11.4	11.3
Less: Intermediate consumption outlays	92.9	100.7	104.9	109.7	113.2	119.8	117.6	118.6	121.7	126.0	122.4
Farm origin	39.5	41.3	41.3	41.8	42.7	46.9	44.8	45.6	47.9	48.7	47.8
Feed purchased	20.4	21.4	22.6	23.8	25.2	26.3	25.0	24.5	24.5	24.8	24.5
Livestock and poultry purchased	14.6	14.7	13.3	12.5	11.3	13.8	12.6	13.8	15.8	15.6	14.9
Seed purchased	4.5	5.2	5.4	5.5	6.2	6.7	7.2	7.2	7.5	8.2	8.4
Manufactured inputs ²	22.0	23.1	24.4	26.1	28.6	29.2	28.1	27.1	28.7	29.4	27.5
Fertilizers and lime.	8.2	8.4	9.2	10.0	10.9	10.9	10.6	9.9	10.0	10.3	9.5
Other intermediate expenses ²	31.4	36.2	39.2	41.7	41.9	43.7	44.6	45.9	45.1	47.9	47.1
Repair and maintenance of capital items	8.6	9.2	9.1	9.5	10.3	10.4	10.4	10.5	10.8	11.1	10.7
Plus: Net government transactions ³	3.1	6.9	1.0	0.1	0.1	0.1	4.9	14.3	15.5	13.3	3.6
Direct Government payments	9.3	13.4	7.9	7.3	7.3	7.5	12.4	21.5	22.9	20.7	11.0
Property taxes	5.9	6.2	6.5	6.7	6.8	6.9	7.0	6.8	6.9	6.9	6.9
Equals: Gross value added	98.9	97.8	104.3	93.9	115.3	110.9	107.0	108.6	112.4	115.0	98.4
Less: Capital consumption	18.1	18.3	18.6	19.2	19.4	19.5	19.9	20.0	20.3	20.8	21.5
Equals: Net value added	80.8	79.5	85.7	74.8	95.9	91.4	87.2	88.7	92.0	94.2	76.9
Less: Employee compensation	12.5	13.2	13.5	14.3	15.2	15.9	16.8	17.4	17.9	18.8	18.9
Less: Net rent received by nonoperator landlords	10.2	10.9	11.8	10.9	13.0	11.9	11.4	10.6	11.4	11.2	9.7
Less: Real estate and nonreal estate interest	13.4	10.7	11.6	12.6	13.0	13.1	13.4	13.8	14.9	13.6	13.0
Equals: Net farm income	44.6	44.7	48.9	36.9	54.8	50.5	45.6	46.8	47.8	50.6	35.3

¹ Includes home consumption and value of inventory adjustment. ² Includes other outlays not shown separately. ³ Direct Government payments minus motor vehicle registration and licensing fees and property taxes.

Source: U.S. Dept. of Agriculture, Economic Research Service, "United States and State Farm Income Data"; <<http://www.ers.usda.gov/Data/farmincome/finfidm.htm>>; accessed 9 January 2004.

No. 801. Farm Income—Cash Receipts From Farm Marketings: 1995 to 2002

[In millions of dollars (188,244 represents \$188,244,000,000). Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. The source estimates and publishes individual cash receipt values only for major commodities and major producing states. The U.S. receipts for individual commodities, computed as the sum of the reported states, may understate the value of sales for some commodities. The degree of underestimation in some of the minor commodities can be substantial.]

Commodity	1995	2000	2001	2002	Commodity	1995	2000	2001	2002
Total	188,244	191,977	199,779	192,948	Carrots	545	438	576	579
Livestock and products	87,217	99,545	106,413	93,480	Corn, sweet	647	708	759	741
Cattle and calves	34,044	40,711	40,442	37,968	Cucumbers	302	384	380	386
Hogs	10,255	11,803	12,427	9,626	Lettuce	2,004	1,863	1,881	2,285
Sheep and lambs	566	465	393	423	Head	1,447	1,202	1,250	1,447
Dairy products	19,880	20,608	24,710	20,547	Onions	706	740	790	764
Broilers	11,762	13,989	16,694	13,435	Peppers, green	446	527	459	499
Chicken eggs	3,893	4,348	4,446	4,263	Tomatoes	1,584	1,809	1,628	1,854
Turkeys	2,769	2,765	2,729	2,643	Fresh	871	1,160	1,080	1,171
Horses/mules	662	1,239	1,014	982	Processing	713	650	547	683
Aquaculture ¹ 2	797	876	752	670	Cantaloups	347	367	431	406
Catfish	400	469	444	410	Fruits/nuts ¹	11,075	12,527	12,022	13,042
Crops ¹	101,027	92,432	93,366	99,468	Lemons	266	283	273	340
Rice	1,282	837	1,029	842	Oranges	1,749	1,783	1,626	1,714
Wheat	9,054	5,654	5,360	5,541	Apples	1,558	1,524	1,358	1,538
Barley	825	557	550	529	Avocados	242	353	335	373
Corn	18,893	15,162	15,346	17,489	Grapes ¹	2,045	3,100	2,935	2,853
Hay	3,288	3,844	4,547	4,635	Wine	965	1,909	1,820	1,683
Sorghum grain	1,377	864	902	900	Table	367	437	435	457
Cotton	6,851	2,949	3,637	3,855	Raisins	528	487	404	439
Tobacco	2,548	2,316	1,893	1,744	Peaches	401	482	493	504
Peanuts	1,014	897	1,001	594	Strawberries	812	1,047	1,071	1,221
Soybeans	13,868	12,047	11,779	13,473	Almonds	881	666	740	1,190
Sunflower	470	305	303	324	Pistachios	161	245	163	336
Vegetables ¹	14,983	15,647	15,641	16,862	Sugarbeets	1,071	1,113	1,025	1,099
Beans, dry	567	436	415	497	Cane for sugar	893	881	947	1,008
Potatoes	2,490	2,375	2,593	3,035	Greenhouse/nursery	10,775	13,610	14,189	14,275
Beans, snap	285	394	390	409	Floriculture	3,329	4,576	4,803	4,879
Broccoli	443	637	501	551	Christmas trees	415	471	453	466
					Mushrooms	758	867	864	888

¹ Includes other commodities not shown separately. ² See also Table 855.

Source: U.S. Dept. of Agriculture, Economic Research Service, "United States and State Farm Income Data"; <<http://www.ers.usda.gov/Data/farmincome/finfidmu.htm>>; accessed 9 January 2004.

No. 802. Balance Sheet of the Farming Sector: 1990 to 2002

[In billions of dollars, except as indicated (841 represents \$841,000,000,000). As of December 31]

Item	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Assets	841	909	935	966	1,003	1,051	1,083	1,139	1,203	1,256	1,304
Real estate	619	678	704	740	770	808	840	887	946	996	1,046
Livestock and poultry	71	73	68	58	60	67	63	73	77	79	76
Machinery, motor vehicles ²	86	85	87	88	88	89	90	90	90	93	94
Crops ³	23	23	23	27	32	33	30	28	28	25	23
Purchased inputs	3	4	5	3	4	5	5	4	5	4	6
Financial assets	38	46	48	49	49	50	55	57	57	59	60
Claims	841	909	935	966	1,003	1,051	1,083	1,139	1,203	1,256	1,304
Debt	131	134	139	143	149	157	165	168	178	186	193
Real estate debt	68	68	70	72	74	79	83	87	91	96	103
Non-real estate debt	63	66	69	71	74	78	82	80	87	90	90
Equity	709	775	796	823	854	894	919	971	1,026	1,070	1,111
FINANCIAL RATIOS (percent)											
Farm debt/equity ratio	18.5	17.3	17.5	17.4	17.4	17.5	17.9	17.3	17.3	17.4	17.4
Farm debt/asset ratio	15.6	14.8	14.9	14.8	14.8	14.9	15.2	14.7	14.8	14.8	14.8
Rate of return on assets from:											
Total	3.5	6.1	5.3	4.3	5.9	5.8	5.2	5.3	5.1	4.8	3.2
Current income ⁵	4.1	3.2	3.8	2.2	4.2	3.0	2.4	1.8	2.0	2.1	0.6
Real capital gains ⁶	-0.7	2.9	1.5	2.1	1.7	2.8	2.8	3.5	3.2	2.6	2.5
Rate of return on equity from:											
Total	3.0	6.1	5.0	3.9	5.7	5.5	4.8	5.1	5.0	4.6	2.7
Current income ⁵	3.0	2.3	3.0	1.1	3.3	2.0	1.4	0.7	0.9	1.2	-0.4
Real capital gains ⁶	0.1	3.8	2.0	2.8	2.3	3.5	3.4	4.3	4.1	3.4	3.2

¹ Excludes horses, mules, and broilers. ² Includes only farm share value for trucks and autos. ³ Excludes debt crops held on farms plus the value above loan rate for crops held under Commodity Credit Corporation. ⁴ Excludes debt for nonfarm purposes. ⁵ Returns to farm assets from current income/farm business assets. Measures how efficiently the farm business uses its assets; the per dollar return on farm assets from current income only. ⁶ Real capital gains on farm business assets/farm business assets. The per dollar return on farm assets from real capital gains. ⁷ Returns to farm assets from current income minus interest/Farm business equity. Measures the returns to equity capital employed in farm business from current income less interest. ⁸ Real capital gains on farm business assets/farm business equity. The per dollar return on farm equity from real capital gains.

Source: U.S. Dept. of Agriculture, Economic Research Service, "Farm Business Balance Sheet and Financial Ratios"; published 7 November 2003; <<http://www.ers.usda.gov/Data/FarmBalanceSheet/fbsdmu.htm>>.

No. 803. Farm Assets, Debt, and Income by State: 2000 and 2002

[Assets and debt, as of December 31 (1,203,215 represents \$1,203,215,000,000). Farm income data are after inventory adjustment and include income and expenses related to the farm operator's dwelling]

State	Assets (mil. dol.)		Debt (mil. dol.)		Debt/asset ratio (percent)		Final agricultural sector output (mil. dol.)		Net farm income (mil. dol.)	
	2000	2002	2000	2002	2000	2002	2000	2002	2000	2002
United States¹	1,203,215	1,304,039	177,637	193,312	14.8	14.8	218,543	217,195	47,809	35,323
Alabama	16,521	17,919	2,054	2,288	12.4	12.8	3,842	3,746	1,151	1,200
Alaska	624	655	24	25	3.8	3.9	58	55	21	20
Arizona	35,823	41,723	1,448	1,550	4.0	3.7	2,622	3,340	777	1,462
Arkansas	22,372	24,664	4,315	4,746	19.3	19.2	5,250	5,148	1,522	816
California	88,124	92,970	17,837	19,477	20.2	21.0	27,232	27,632	5,499	5,197
Colorado	25,108	25,687	3,686	4,039	14.7	15.7	5,062	5,069	644	711
Connecticut	2,318	2,642	284	328	12.3	12.4	584	527	185	100
Delaware	1,795	1,813	378	421	21.0	23.2	833	808	135	82
Florida	28,959	32,711	4,771	5,215	16.5	15.9	7,030	7,207	2,529	2,667
Georgia	24,535	28,185	3,600	3,988	14.7	14.2	5,780	5,270	1,998	1,699
Hawaii	3,808	4,175	254	277	6.7	6.6	545	544	102	98
Idaho	16,874	17,925	3,012	3,244	17.9	18.1	3,824	4,428	917	1,256
Illinois	76,078	81,893	9,383	10,195	12.3	12.5	7,938	7,897	1,569	642
Indiana	40,218	43,078	5,655	6,199	14.1	14.4	5,255	5,032	808	108
Iowa	73,326	77,600	13,117	14,097	17.9	18.2	11,643	12,475	2,357	1,767
Kansas	36,983	36,901	7,141	7,664	19.3	20.8	8,639	8,362	933	376
Kentucky	25,704	28,553	3,433	3,785	13.4	13.3	4,610	3,808	1,730	744
Louisiana	11,798	12,327	1,777	1,932	15.1	15.7	1,953	2,019	485	232
Maine	1,923	2,106	395	421	20.5	20.0	556	504	114	47
Maryland	7,887	8,609	1,087	1,238	13.8	14.4	1,739	1,640	381	195
Massachusetts	3,490	4,012	387	435	11.1	10.8	461	464	54	37
Michigan	24,548	28,171	3,074	3,423	12.5	12.2	3,793	3,991	294	167
Minnesota	46,958	51,633	8,969	9,754	19.1	18.9	8,360	8,818	1,282	462
Mississippi	15,197	16,281	2,887	3,124	19.0	19.2	3,312	3,383	781	401
Missouri	45,005	50,575	6,015	6,539	13.4	12.9	5,469	5,257	976	451
Montana	24,516	25,786	2,685	2,850	11.0	11.1	1,984	2,107	277	216
Nebraska	44,121	45,461	9,325	9,910	21.1	21.8	9,488	9,787	1,370	980
Nevada	3,311	3,432	259	294	7.8	8.6	456	436	100	93
New Hampshire	988	1,097	104	120	10.5	10.9	173	173	14	5
New Jersey	5,972	6,774	465	523	7.8	7.7	963	961	256	198
New Mexico	11,441	11,963	1,419	1,569	12.4	13.1	2,197	2,122	531	678
New York	13,967	14,943	2,509	2,755	18.0	18.4	3,375	3,517	589	568
North Carolina	26,880	29,022	3,688	4,119	13.7	14.2	9,483	8,095	3,184	1,661
North Dakota	22,485	24,810	3,981	4,292	17.7	17.3	3,385	3,734	964	605
Ohio	38,537	41,737	4,239	4,739	11.0	11.4	5,414	4,831	1,155	268
Oklahoma	26,587	29,073	4,413	4,656	16.6	16.0	4,641	4,434	1,021	758
Oregon	18,659	20,234	2,519	2,710	13.5	13.4	3,697	3,691	422	360
Pennsylvania	23,442	25,125	2,828	3,129	12.1	12.5	4,834	4,593	1,118	611
Rhode Island	377	418	39	45	10.2	10.7	55	55	8	6
South Carolina	8,338	9,232	1,143	1,298	13.7	14.1	1,774	1,543	574	178
South Dakota	24,696	26,551	4,198	4,434	17.0	16.7	4,363	3,807	1,445	559
Tennessee	26,990	29,756	2,605	2,917	9.7	9.8	2,666	2,677	574	339
Texas	98,539	107,480	11,970	13,000	12.2	12.1	14,907	15,076	3,873	3,686
Utah	11,424	12,687	857	933	7.5	7.4	1,200	1,250	243	291
Vermont	2,699	3,034	378	424	14.0	14.0	591	563	152	105
Virginia	21,619	23,696	2,069	2,356	9.6	9.9	2,889	2,667	704	508
Washington	20,786	21,774	3,504	3,727	16.9	17.1	5,981	5,869	1,073	969
West Virginia	4,567	5,121	408	444	8.9	8.7	511	489	50	7
Wisconsin	36,065	40,780	5,983	6,532	16.6	16.0	6,075	6,374	730	640
Wyoming	10,217	11,244	1,067	1,132	10.5	10.1	1,055	919	135	100

¹ The U.S. total will exceed the sum of the states because data for some states are not included in the state's statistics due to disclosure issues.

Source: U.S. Dept. of Agriculture, Economic Research Service, "Farm Income Summary Totals for 50 States;" published 24 November 2003; <<http://www.ers.usda.gov/Data/FarmIncome/50State/50stmenu.htm>>; and "Farm Business Balance Sheet and Financial Ratios"; published 7 November 2003; <<http://www.ers.usda.gov/Data/FarmBalanceSheet/fbsdmu.htm>>.

No. 804. Cash Receipts for Selected Commodities—Leading States: 2002

[37,968 represents \$37,968,000,000. See headnote, Table 801]

State	Value of receipts (mil. dol.)	Percent of total receipts	Rank	State	Value of receipts (mil. dol.)	Percent of total receipts	Rank
Cattle and calves	37,968	100.0	(X)	Corn	17,489	100.0	(X)
Texas	5,863	15.4	1	Iowa	3,259	18.6	1
Nebraska	4,959	13.1	2	Illinois	3,106	17.8	2
Kansas	4,810	12.7	3	Nebraska	2,252	12.9	3
Colorado	2,905	7.4	4	Indiana	1,506	8.6	4
Oklahoma	1,872	4.9	5	Minnesota	1,349	7.7	5
Dairy products	20,547	100.0	(X)	Vegetables	16,862	100.0	(X)
California	3,812	18.6	1	California	6,458	38.3	1
Wisconsin	2,663	13.0	2	Florida	2,570	9.3	2
New York	1,556	7.6	3	Arizona	1,351	8.0	3
Pennsylvania	1,482	7.2	4	Washington	833	4.9	4
Minnesota	1,011	4.9	5	Idaho	814	4.8	5

X Not applicable.

No. 805. Farm Income—Farm Marketings, 2001 and 2002, and Principal Commodities, 2002 by State

[In millions of dollars (199,779 represents \$199,779,000,000). Cattle include calves and greenhouse includes nursery]

State	2001			2002			State rank for total farm marketings and four principal commodities in order of marketing receipts
	Total	Crops	Live-stock and products	Total	Crops	Live-stock and products	
U.S.	199,779	93,366	106,413	192,948	99,468	93,480	Cattle, dairy products, corn, greenhouse
AL	3,448	632	2,816	2,962	584	2,378	29-Broilers, cattle, chicken eggs, greenhouse
AK	52	23	29	51	23	28	49-Greenhouse, dairy products, hay, potatoes
AZ	2,601	1,409	1,192	2,997	1,903	1,094	27-Lettuce, cattle, dairy products, cotton
AR	4,966	1,450	3,516	4,527	1,575	2,952	14-Broilers, soybeans, cattle, rice
CA	26,378	19,035	7,343	26,107	19,865	6,242	1-Dairy products, greenhouse, grapes, lettuce
CO	4,719	1,346	3,373	4,881	1,379	3,502	12-Cattle, corn, dairy products, greenhouse
CT	483	307	175	468	314	154	43-Greenhouse, dairy products, chicken eggs, aquaculture
DE	845	187	659	724	177	546	40-Broilers, greenhouse, corn, soybeans
FL	6,690	5,288	1,402	6,848	5,609	1,239	8-Greenhouse, oranges, sugar cane, tomatoes
GA	5,274	1,735	3,539	4,472	1,582	2,890	15-Broilers, chicken eggs, cotton, cattle
HI	513	425	88	509	424	85	41-Pineapples, greenhouse, sugar cane, macadamia nuts
ID	3,714	1,652	2,062	3,934	1,935	1,999	19-Cattle, dairy products, potatoes, wheat
IL	7,308	5,461	1,846	7,486	5,924	1,562	6-Corn, soybeans, hogs, cattle
IN	5,157	3,290	1,868	4,800	3,249	1,551	13-Corn, soybeans, hogs, dairy products
IA	10,653	4,728	5,926	10,834	5,759	5,075	3-Corn, hogs, soybeans, cattle
KS	7,979	2,474	5,505	7,862	2,536	5,325	5-Cattle, wheat, corn, soybeans
KY	3,528	1,265	2,263	3,112	1,151	1,961	24-Horses/mules, tobacco, broilers, cattle
LA	1,786	1,084	701	1,773	1,159	614	33-Sugar cane, cotton, cattle, corn
ME	490	217	273	442	212	230	44-Potatoes, dairy products, chicken eggs, aquaculture
MD	1,596	647	949	1,432	621	810	36-Broilers, greenhouse, dairy products, corn
MA	367	273	94	380	297	83	45-Greenhouse, cranberries, dairy products, sweet corn
MI	3,507	2,015	1,492	3,390	2,130	1,260	22-Dairy products, greenhouse, soybeans, corn
MN	7,537	3,255	4,283	7,478	3,833	3,645	7-Corn, soybeans, hogs, dairy products
MS	3,141	865	2,276	2,962	1,013	1,950	28-Broilers, cotton, soybeans, aquaculture
MO	4,723	2,039	2,684	4,402	2,100	2,302	16-Soybeans, cattle, corn, hogs
MT	1,760	635	1,124	1,687	702	985	34-Cattle, wheat, hay, barley
NE	9,221	3,126	6,095	9,589	3,764	5,824	4-Cattle, corn, soybeans, hogs
NV	428	157	271	366	155	211	47-Cattle, hay, dairy products, onions
NH	157	90	67	148	91	56	48-Greenhouse, dairy products, apples, cattle
NJ	837	634	203	856	663	193	39-Greenhouse, horses/mules, blueberries, dairy products
NM	2,213	543	1,670	1,957	575	1,382	32-Dairy products, cattle, hay, greenhouse
NY	3,391	1,169	2,222	3,104	1,234	1,870	25-Dairy products, greenhouse, hay, apples
NC	7,585	2,931	4,654	6,603	2,659	3,944	9-Hogs, broilers, greenhouse, tobacco
ND	2,938	2,211	727	3,223	2,499	724	23-Wheat, cattle, soybeans, sugar beets
OH	4,529	2,669	1,860	4,276	2,646	1,630	17-Soybeans, corn, greenhouse, dairy products
OK	3,937	796	3,142	3,731	837	2,893	21-Cattle, hogs, broilers, wheat
OR	3,127	2,302	825	3,102	2,294	808	26-Greenhouse, cattle, dairy products, hay
PA	4,514	1,366	3,148	4,042	1,360	2,682	18-Dairy products, cattle, agaricus mushrooms, greenhouse
RI	48	40	8	46	40	6	50-Greenhouse, dairy products, sweet corn, potatoes
SC	1,595	713	883	1,452	692	760	35-Broilers, greenhouse, turkeys, tobacco
SD	3,897	1,640	2,257	3,779	1,720	2,060	20-Cattle, corn, soybeans, hogs
TN	2,118	988	1,130	2,000	1,087	913	31-Cattle, broilers, greenhouse, soybeans
TX	13,509	4,165	9,345	12,665	4,577	8,088	2-Cattle, greenhouse, cotton, broilers
UT	1,113	287	855	1,057	249	808	37-Cattle, dairy products, hay, hogs
VT	558	67	490	476	76	400	42-Dairy products, cattle, greenhouse, maple products
VA	2,457	756	1,702	2,173	722	1,451	30-Broilers, cattle, dairy products, greenhouse
WA	5,200	3,479	1,721	5,209	3,714	1,495	11-Apples, dairy products, cattle, potatoes
WV	437	89	348	378	78	300	46-Broilers, cattle, dairy products, chicken eggs
WI	5,761	1,290	4,471	5,319	1,551	3,768	10-Dairy products, cattle, corn, soybeans
WY	995	153	842	876	126	750	38-Cattle, hay, sugar beets, sheep/lambs

Source of Tables 804 and 805: U.S. Dept. of Agriculture, Economic Research Service, "Farm Income"; published 28 August 2003; <<http://www.ers.usda.gov/Data/farmincome/finfidmu.htm>>.

No. 806. Indexes of Prices Received and Paid by Farmers: 2000 to 2003

[1990-92=100, except as noted]

Item	2000	2001	2002	2003	Item	2000	2001	2002	2003
Prices received, all products	96	102	98	107	Prices paid, total ²	118	122	121	126
Crops	96	99	106	111	Production	116	120	119	124
Food grains	85	91	104	108	Feed	102	109	112	115
Feed grains and hay	86	91	100	104	Livestock & poultry	110	111	102	109
Cotton	82	64	56	85	Seed	124	132	142	154
Tobacco	107	107	108	106	Fertilizer	110	123	108	124
Oil-bearing crops	85	80	88	107	Agricultural chemicals	120	121	119	121
Fruits and nuts	98	109	105	88	Fuels	134	119	112	144
Commercial vegetables ¹	121	130	142	140	Supplies & repairs	124	128	131	134
Potatoes & dry beans	93	98	129	104	Autos and trucks	119	118	116	115
All other crops	110	112	114	114	Farm machinery	139	144	148	149
Livestock and products	97	106	90	103	Building materials	121	121	122	124
Meat animals	94	97	87	103	Farm services	119	121	120	123
Dairy products	94	115	93	96	Rent	110	117	119	120
Poultry and eggs	106	116	94	110	Interest	113	109	104	104
					Taxes	123	124	126	128
					Wage rates	140	146	153	157
					Parity ratio (1910-14=100) ³	38	40	38	40

¹ Excludes potatoes and dry beans. ² Includes production items, interest, taxes, wage rates, and a family living component. The family living component is the Consumer Price Index for all urban consumers from the Bureau of Labor Statistics. See text, Section 14, and Table 698. ³ Ratio of prices received by farmers to prices paid.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Agricultural Prices: Annual Summary*.

No. 807. Value of Selected Commodities Produced Under Contracts: 2002

[67.510 represents \$67,510,000,000. Marketing contracts refer to verbal or written agreements between a buyer and a grower that set a price and determine an outlet for a specified quantity of a commodity before harvest or before the farmer markets the commodity. Production contracts involve paying the farmer a fee for providing management, labor, facilities, and equipment, while assigning ownership of the product to the contractor. Survey based estimates (see source) exclude Alaska and Hawaii and do not represent official U.S. Dept. of Agriculture estimates of farm sector activity]

Commodity	Value of production under contract (mil. dol.)	Percent of total production ¹	Commodity	Value of production under contract (mil. dol.)	Percent of total production ¹
Total	67,510	37	Sugar beets	4900	97
Marketing contracts ²	37,736	21	Vegetables	3,448	429
Cattle	612	32	Production contracts ²	29,774	16
Corn	2,771	16	Poultry and eggs ³	15,451	90
Cotton	1,457	50	Cattle	4,597	15
Fruits	47,045	67	Hogs	5,358	51
Hogs	610	46	Vegetables	1,542	413
Soybeans	1,378	10			

¹ Represents percent of value of production under contract as percent of total value of commodity production. ² Includes other commodities not shown separately. ³ Data have relative standard error above 75 percent. ⁴ Data have relative standard error between 25 and 50 percent. ⁵ Data not available to estimate value of production for broilers.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Resource Management Survey*, annual.

No. 808. Civilian Consumer Expenditures for Farm Foods: 1990 to 2002

[In billions of dollars, except percent (449.8 represents \$449,800,000,000). Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported]

Item	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Consumer expenditures, total	449.8	489.2	512.2	529.5	546.7	566.5	585.0	625.3	661.1	687.5	709.4
Farm value, total	106.2	109.6	109.6	113.8	122.2	121.9	119.6	122.2	123.3	130.0	132.5
Marketing bill, total ¹	343.6	379.6	402.6	415.7	424.5	444.6	465.4	503.1	537.8	557.5	576.9
Percent of total consumer expenditures	76.4	77.6	78.6	78.5	77.6	78.5	79.6	80.5	81.3	81.1	81.3
At-home expenditures ²	276.2	294.9	308.7	316.9	328.0	339.2	346.8	370.7	390.2	403.9	416.8
Farm value	80.2	76.4	75.3	76.1	81.6	79.0	77.0	78.7	79.6	83.9	85.7
Marketing bill	196.0	218.5	233.4	240.8	246.4	260.2	269.8	292.0	310.6	320.0	331.1
Away-from-home expenditures	173.6	194.3	203.5	212.6	218.7	227.3	238.2	254.6	270.9	283.6	292.6
Farm value	26.0	33.2	34.3	37.7	40.6	42.9	42.6	43.5	43.7	46.1	46.8
Marketing bill	147.6	161.1	169.2	174.9	178.1	184.4	195.6	211.1	227.2	237.5	245.8
Marketing bill cost components:											
Labor cost	154.0	178.0	186.1	196.6	204.6	216.9	229.9	241.5	252.9	263.8	273.1
Packaging materials	36.5	40.9	43.3	48.2	47.7	48.7	50.4	50.9	53.5	55.0	56.8
Rail and truck transport	19.8	21.2	21.8	22.3	22.9	23.6	24.4	25.2	26.4	27.5	28.4
Corporate profits before taxes	13.2	18.1	20.9	19.5	20.7	22.3	25.5	29.2	31.1	32.0	33.0
Fuels and electricity	15.2	17.2	17.9	18.6	19.6	20.2	20.7	22.0	23.1	24.1	24.9
Advertising	17.1	18.6	19.3	19.8	20.9	22.1	23.4	24.8	26.1	27.5	28.1
Depreciation	16.3	17.2	18.1	18.9	20.1	21.0	21.6	23.0	24.2	24.5	25.3
Net interest	13.5	10.1	11.0	11.6	11.4	12.5	12.9	14.4	16.9	18.6	19.2
Net rent	13.9	17.9	18.9	19.8	21.0	21.8	23.7	25.3	26.7	29.4	30.3
Repairs	6.2	7.2	7.8	7.9	8.5	8.8	9.0	9.6	10.1	10.6	10.9
Taxes	15.7	18.2	18.7	19.1	19.4	19.8	20.9	22.2	23.5	24.1	24.9
Other	22.2	15.0	18.8	13.4	7.7	6.9	3.0	15.0	23.3	20.4	22.0

¹ The difference between expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. ² Food primarily purchased from retail food stores for use at home.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review, 1950-97*, ERS Agricultural Economic Report No. AER780, June 1999; and "ERS/USDA Briefing Room - Food marketing and price spreads: USDA marketing bill"; <<http://www.ers.usda.gov/Briefing/FoodPriceSpreads/bill/>>.

No. 809. Hired Farmworkers—Selected Characteristics: 1990 to 2003

[Annual averages (886 represents 886,000). Data for 1990 and 2003 are not directly comparable with data for period 1995 to 2002. Data are calculated by source using data from the Census Bureau's Current Population Survey earnings microdata file]

Characteristic	1990	1995	1999	2000	2001	2002	2003, prel.
Number of workers (1,000)	886	849	840	878	745	793	753
PERCENT DISTRIBUTION							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Age:							
Less than 25 years old	31.5	30.1	30.4	26.0	26.2	29.4	23.6
25 to 44 years old	47.6	44.2	44.0	46.9	48.4	43.2	49.8
45 to 59 years old	14.4	18.2	18.8	19.6	19.9	20.4	20.2
60 years old and over	6.5	7.5	6.8	7.5	5.5	7.0	6.4
Median age	28.0	32.0	33.0	35.0	35.0	36.0	34.0
Sex:							
Male	82.9	84.5	80.7	82.1	80.7	78.7	82.4
Female	17.1	15.5	19.3	17.9	19.3	21.3	17.6
Racial/ethnic group:							
White	61.0	53.5	50.1	47.2	49.1	52.2	52.3
Hispanic	29.4	41.1	43.0	46.4	45.7	42.0	42.8
Black and other	9.6	5.3	6.4	6.4	5.2	5.8	4.9
Years of school completed:							
0 to 4 years	11.1	14.2	11.3	13.4	10.6	11.1	8.6
5 to 8 years	21.6	22.5	22.6	21.0	21.2	19.9	22.2
9 to 11 years	22.8	22.7	20.7	21.2	23.3	21.2	21.4
12 years	31.4	25.9	27.1	25.7	27.3	27.6	28.9
13 years or more	13.1	14.7	18.3	18.7	17.6	20.2	18.9
Employment status:							
Part-time ²	21.8	18.3	20.5	19.3	19.3	17.5	17.3
Full-time ²	78.2	81.7	79.5	80.7	80.7	82.5	82.7
Median weekly earnings (dol.): ³							
Full-time workers ²	338	314	353	341	358	342	373
All workers	282	290	309	299	312	307	350

¹ A person received a high school diploma, GED, or equivalent degree. ² Full-time workers usually work 35 or more hours per week. ³ Median earnings are in 2003 dollars.

Source: U.S. Dept. of Agriculture, Economic Research Service, "Briefing Room: Farm Labor"; published 10 November 2003; <<http://www.ers.usda.gov/Briefing/FarmLabor/>> and unpublished data.

No. 810. Agricultural Exports and Imports—Volume by Principal Commodities: 1990 to 2003

[In thousands of metric tons, except fruit juices, wine and malt beverages in thousands of hectoliters (7,703 represents 7,703,000). Includes Puerto Rico, U.S. territories, and shipments under foreign aid programs]

Commodity	1990	1995	1999	2000	2001	2002	2003
EXPORTS							
Fruit juices and wine	7,703	10,688	15,385	14,356	13,503	15,118	13,802
Beef, pork, and poultry meats	1,451	3,723	4,670	4,935	5,369	5,074	5,144
Wheat, unmilled	27,384	32,317	28,486	27,568	25,585	24,159	25,281
Wheat products	37	47	49	47	44	44	44
Rice, paddy, milled	2,534	3,275	2,932	3,241	2,889	3,808	4,477
Feed grains	61,066	66,795	58,309	54,946	54,702	53,218	48,637
Feed grain products	1,430	2,018	2,045	2,062	2,234	3,153	4,372
Feeds and fodders ¹	10,974	13,338	11,920	13,065	12,587	12,677	11,881
Fresh fruits and nuts	2,648	3,323	2,900	3,450	3,432	3,493	3,471
Fruit products	390	462	460	471	474	475	503
Vegetables, fresh	1,297	1,708	1,862	2,029	2,002	2,059	1,995
Vegetables, frozen and canned	529	892	1,078	1,112	1,087	1,065	1,011
Oilcake and meal	5,079	6,404	6,839	6,462	7,426	6,672	5,647
Oilseeds	15,820	23,596	24,217	28,017	29,974	29,139	32,487
Vegetable oils	1,226	2,532	2,408	2,043	2,193	2,682	2,256
Tobacco, unmanufactured	223	209	192	180	186	153	155
Cotton, excluding linters	1,696	2,039	699	1,485	1,868	2,108	2,561
IMPORTS							
Fruit juices	33,116	21,922	32,570	31,154	29,615	29,047	35,440
Wine	2,510	2,781	4,162	4,162	4,888	5,655	6,213
Malt beverages	10,382	13,251	20,878	23,464	25,533	27,087	27,605
Bananas and plantains	3,270	3,869	4,558	4,288	4,107	4,193	4,175
Coffee, including products	1,214	989	1,307	1,370	1,229	1,238	1,302
Rubber and allied gums, crude	840	1,044	1,144	1,232	1,002	1,213	1,120
Beef, pork, lamb, and poultry meats	1,169	1,050	1,444	1,579	1,635	1,704	1,665
Grains	2,071	4,553	5,164	4,622	5,234	4,472	3,592
Biscuits, pasta, and noodles	300	489	662	711	761	834	904
Feeds and fodders	959	1,247	1,187	1,224	1,219	1,286	1,155
Fruits, nuts, and preparations	2,131	2,660	3,871	4,066	4,031	4,518	4,855
Vegetables, fresh or frozen	1,898	2,777	3,782	3,763	4,064	4,457	4,765
Tobacco, unmanufactured	173	190	220	216	233	260	288
Oilseeds and oilnuts	509	713	932	1,056	964	825	622
Vegetable oils and waxes	1,204	1,509	1,613	1,846	1,898	1,931	1,834
Oilcake and meal	316	805	1,103	1,254	1,070	1,008	1,314

¹ Excluding oil meal.

Source: U.S. Dept. of Agriculture, Economic Research Service, "foreign agricultural trade of the united states (fatus)"; <<http://www.ers.usda.gov/data/fatus/>> and U.S. Dept. of Agriculture, Foreign Agricultural Service, "U.S. Trade Internet System"; <<http://www.fas.usda.gov/ustrade/>>.

No. 811. Agricultural Exports and Imports—Value: 1990 to 2003

[In billions of dollars, except percent (16.6 represents \$16,600,000,000). Includes Puerto Rico, U.S. territories, and shipments under foreign aid programs. Excludes fish, forest products, distilled liquors, manufactured tobacco, and products made from cotton; but includes raw tobacco, raw cotton, rubber, beer and wine, and processed agricultural products]

Year	Trade balance	Exports, domestic products	Percent of all exports	Imports for consumption	Percent of all imports	Year	Trade balance	Exports, domestic products	Percent of all exports	Imports for consumption	Percent of all imports
1990 . . .	16.6	39.5	11	22.9	5	1997 . . .	21.0	57.2	9	36.1	4
1991 . . .	16.5	39.3	10	22.9	5	1998 . . .	14.9	51.8	8	36.9	4
1992 . . .	18.3	43.1	10	24.8	5	1999 . . .	10.7	48.4	8	37.7	4
1993 . . .	17.7	42.9	10	25.1	4	2000 . . .	12.3	51.2	7	39.0	3
1994 . . .	19.2	46.2	10	27.0	4	2001 . . .	14.3	53.7	8	39.4	3
1995 . . .	26.0	56.3	10	30.3	4	2002 . . .	11.2	53.1	8	41.9	4
1996 . . .	26.8	60.3	10	33.5	4	2003 . . .	12.2	59.6	8	47.3	4

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, February 13, 2004; and "foreign agricultural trade of the united states (fatus)"; <<http://www.ers.usda.gov/data/fatus/>> and U.S. Dept. of Agriculture, Foreign Agricultural Service, "U.S. Trade Internet System"; <<http://www.fas.usda.gov/ustrade/>>.

No. 812. Agricultural Imports—Value by Selected Commodity: 1990 to 2003

[In millions of dollars (22,918 represents \$22,918,000,000). See headnote, Table 811]

Commodity	1990	1995	1997	1998	1999	2000	2001	2002	2003
Total	22,918	30,255	36,149	36,896	37,673	38,974	39,366	41,909	47,342
Competitive products	17,344	21,792	26,796	27,912	29,714	31,213	32,744	34,892	37,996
Cattle, live	978	1,413	1,124	1,144	1,001	1,152	1,461	1,446	867
Beef and veal	1,872	1,447	1,609	1,842	2,136	2,399	2,712	2,741	2,623
Pork	938	686	754	682	753	997	1,048	1,001	1,189
Dairy products	891	1,118	1,225	1,465	1,557	1,671	1,789	1,783	1,978
Grains and feeds	1,188	2,312	2,963	2,878	2,989	3,076	3,320	3,666	3,921
Fruits and preparations	1,228	1,618	2,018	2,185	2,757	2,716	2,799	3,177	3,553
Vegetables and preparations	2,317	3,189	3,706	4,374	4,583	4,740	5,252	5,614	6,393
Sugar and related products	1,213	1,335	1,852	1,682	1,589	1,555	1,600	1,854	2,129
Wine	917	1,153	1,711	1,876	2,187	2,207	2,250	2,671	3,264
Malt beverages	923	1,166	1,495	1,712	1,893	2,179	2,348	2,581	2,680
Oilseeds and products	952	1,746	2,122	2,067	1,818	1,847	1,630	1,789	2,064
Noncompetitive products	5,574	8,464	9,353	8,984	7,959	7,761	6,622	7,017	9,346
Bananas and plantains	939	1,140	1,220	1,202	1,209	1,130	1,179	1,175	1,146
Coffee and products	1,915	3,263	3,886	3,431	2,893	2,700	1,677	1,693	1,958
Cocoa and products	1,072	1,106	1,471	1,666	1,522	1,404	1,536	1,761	2,432
Rubber, crude natural	707	1,629	1,229	977	704	842	613	751	1,047

Source: U.S. Dept. of Agriculture, Economic Research Service, "foreign agricultural trade of the united states (fatus)"; <<http://www.ers.usda.gov/data/fatus/>> and U.S. Dept. of Agriculture, Foreign Agricultural Service, "U.S. Trade Internet System"; <<http://www.fas.usda.gov/ustrade/>>.

No. 813. Imports' Share of Food Consumption by Selected Commodity: 1990 to 2002

[In percent. Import share is the total quantity imported divided by the quantity available for domestic human food consumption. Calculated from supply and utilization balance sheets. A portion of the imports of some commodities is exported plus, some is diverted to such nonfood uses as feed, seed, alcohol and fuel production, and industrial uses. These can overstate the importance of imports]

Commodity	1990	2000	2002	Commodity	1990	2000	2002
Total food consumption¹	10.1	12.0	13.0	Vegetables	5.7	8.1	9.6
Red meat	8.1	8.9	9.5	Vegetables—fresh, frozen	7.3	10.5	11.8
Beef	9.7	11.0	11.9	Broccoli	57.8	76.9	82.8
Pork	5.6	5.2	5.1	Cucumbers	33.7	42.4	42.5
Fish and shellfish	56.3	68.3	78.6	Onions	10.1	9.3	11.3
Dairy products	1.9	2.7	3.5	Peppers, bell & chili	19.7	22.2	22.9
Cheese	4.8	4.8	4.8	Potatoes	5.8	6.0	5.9
Fruits—fresh and frozen	10.5	17.7	19.3	Tomatoes	20.5	32.4	33.5
Citrus	3.6	11.8	13.9	Vegetables—processed	1.9	1.8	2.5
Non-citrus	12.0	19.0	20.4	Beans, dry	5.0	6.1	11.5
Apples	4.3	7.3	8.1	Mushrooms	23.5	35.1	30.9
Grapes	40.5	45.0	50.8	Olives	46.9	78.8	62.7
Melons	14.2	22.9	22.1	Tomatoes	1.8	0.6	1.9
Strawberries	13.0	11.4	14.3	Vegetable oils	16.5	18.3	15.5
Fruits—processed	2.8	3.0	3.6	Spices	7.7	14.3	18.3
Fruit juices	49.6	32.5	31.3	Wheat	4.1	8.7	8.4
Orange juice	56.0	20.8	12.7	Oats	18.0	45.4	49.3
Apple juice	57.9	61.6	68.6	Rice	5.1	9.4	10.5
Grape juice	33.6	39.3	56.7	Flour and cereals	1.5	2.7	3.1
Tree nuts	30.4	39.9	40.7	Cane and beet sugar	29.9	16.4	15.4
Wine	13.9	21.3	25.0	Confectionery products	5.6	11.1	13.3
				Malt beverages	4.5	9.9	11.2

¹ Calculated from units of weight, weight equivalents; or content weight.

Source: U.S. Dept. of Agriculture, Economic Research Service, "The Import Share of U.S.-Consumed Food Continues to Rise," *Electronic Outlook Report*, FAU-66-01, July 2002 and online at <<http://www.ers.usda.gov/data/foodconsumption/>>.

No. 814. Selected Farm Products—United States and World Production and Exports: 2000 to 2003

[In metric tons, except as indicated (61 represents 61,000,000). Metric ton=1.102 short tons or .984 long tons]

Commodity	Unit	Amount						United States as percent of world		
		United States			World			2000	2002	2003
		2000	2002	2003	2000	2002	2003			
PRODUCTION ¹										
Wheat	Million	61	44	64	581	566	549	10.5	7.8	11.7
Corn for grain	Million	252	228	257	588	602	613	42.9	37.9	41.9
Soybeans	Million	75	75	66	175	197	190	42.8	38.0	34.6
Rice, milled	Million	5.9	6.5	6.3	398	378	390	1.5	1.7	1.6
Cotton ²	Million bales ³	17.0	20.3	17.2	87.5	98.5	88.2	19.4	20.6	19.5
EXPORTS ⁴										
Wheat ⁵	Million	28.0	23.0	32.5	103.6	109.2	101.9	27.0	21.0	31.9
Corn	Million	48.3	41.2	51.0	76.5	78.0	77.9	63.1	52.8	65.5
Soybeans	Million	27.1	28.4	24.5	55.5	62.1	61.9	48.8	45.8	39.6
Rice, milled basis	Million	2.5	3.8	3.3	24.4	27.7	25.1	10.2	13.7	13.1
Cotton ²	Million bales ³	6.8	11.0	11.9	27.2	29.0	30.6	24.8	38.0	38.9

¹ Production years vary by commodity. In most cases, includes harvests from July 1 of the year shown through June 30 of the following year. ² For production and trade years ending in year shown. ³ Bales of 480 lb. net weight. ⁴ Trade years may vary by commodity. Wheat, corn and soybean data are for trade year beginning in year shown. Rice data are for calendar year shown. ⁵ Includes wheat flour on a grain equivalent.

Source: U.S. Dept. of Agriculture, Foreign Agricultural Service, *Foreign Agricultural Commodity Circular Series*, periodic.

No. 815. Percent of U.S. Agricultural Commodity Output Exported: 1980 to 2003

Commodity group	1980-84, average	1985-89, average	1990-94, average	1995-99, average	2000	2001	2002	2003, prel.
Total agriculture	30.2	24.7	23.7	23.3	22.8	22.9	22.5	21.3
Livestock ¹	2.7	3.5	5.4	9.7	10.4	11.0	10.2	10.5
Red meat	1.3	2.0	4.1	7.1	8.2	8.4	8.6	9.2
Poultry meat	3.9	3.6	7.4	14.8	15.1	16.5	14.0	14.2
Dairy products ²	8.3	10.4	5.0	4.6	4.1	3.1	3.6	4.0
Crops	31.9	26.0	24.9	24.3	23.7	23.8	23.5	22.2
Wheat and rice	62.8	53.3	52.1	48.1	47.1	45.9	46.7	46.1
Coarse grains ³	28.3	22.7	22.3	22.0	21.2	21.0	20.5	17.7
Oilseeds/meal/oil	34.6	28.7	25.0	26.8	27.1	27.2	27.4	27.7
Fruits and nuts ⁴	9.5	9.5	13.4	14.2	13.7	15.2	15.4	14.5
Vegetables ⁵	5.1	4.0	5.7	6.4	6.6	6.8	6.7	6.4
Cotton and tobacco	49.0	41.7	40.7	38.1	43.7	57.1	60.3	66.3

¹ Excludes hides, animal fats, and live animals. ² Includes butter, cheese, and nonfat dried milk. ³ Includes corn, barley, sorghum, and oats. ⁴ Includes fruit juices and wine, whose exports are converted from volume to weight measure using 8.3454 pounds per gallon. ⁵ Total vegetable production is estimated from U.S. per capita use of major fresh and processing vegetables; includes olives.

Source: U.S. Dept. of Agriculture, Economic Research Service, USDA's commodity yearbooks, "Foreign Agricultural Trade of the U.S." <<http://www.ers.usda.gov/data/Fatus/>>, and "Production, Supply, and Distribution database" <<http://www.Fas.usda.gov/psd/>>.

No. 816. Top 10 U.S. Export Markets for Selected Commodities: 2003

[In thousands of metric tons (43,153 represents 43,153,000)]

Corn		Wheat ¹		Soybeans		Cotton ²	
Country	Amount	Country	Amount	Country	Amount	Country	Amount
World, total	43,153	World, total	25,281	World, total	31,219	World, total	2,561
Japan	14,439	Japan	2,975	China ³	11,112	China ³	551
Mexico	5,577	Egypt	2,889	European Union	4,346	Turkey	358
Taiwan	4,490	Mexico	2,599	Mexico	4,200	Mexico	356
Canada	3,479	Nigeria	1,787	Japan	3,535	Indonesia	186
Egypt	3,373	European Union	1,436	Taiwan ³	1,591	Thailand	119
Colombia	1,606	Korea, South	1,321	Indonesia	1,274	Pakistan	118
Turkey	981	Philippines	1,307	Korea, South	1,070	India	106
Algeria	976	Taiwan ³	830	Thailand	720	Taiwan ³	101
Dominican Republic	916	Colombia	740	Canada	658	Korea, South	84
Israel	736	Venezuela	690	Turkey	381	Canada	72
Rest of world	6,580	Rest of world	8,706	Rest of world	2,332	Rest of world	510

¹ Unmilled. ² Excluding linters. ³ See footnote 2, Table 1321.

Source: U.S. Dept. of Agriculture, Foreign Agricultural Service, "FAS Online, U.S. Trade Exports - FATUS Commodity Aggregations"; <<http://www.fas.usda.gov/ustrade/USTExFatus.asp>>; accessed 27 February 2004.

No. 817. Agricultural Exports—Value by Principal Commodities: 1990 to 2003

[(39,492 represents \$39,492,000,000)].

Commodity	Value (mil. dol.)							Percent		
	1990	1995	1999	2000	2001	2002	2003	1990	2000	2003
Total agricultural exports	39,492	56,251	48,378	51,246	53,659	53,115	59,552	100.0	100.0	100.0
Animals and animal products	6,648	10,889	10,360	11,600	12,431	11,087	12,385	16.8	22.6	20.8
Meat and meat products	2,558	4,522	4,816	5,276	5,284	5,042	5,750	6.5	10.3	9.7
Beef and veal	1,580	2,647	2,724	2,986	2,632	2,565	3,150	4.0	5.8	5.3
Poultry and poultry products	910	2,348	2,123	2,235	2,636	2,064	2,289	2.3	4.4	3.8
Dairy products	353	795	958	1,018	1,130	993	1,052	0.9	2.0	1.8
Fats, oils, and greases	424	827	507	383	334	461	539	1.1	0.7	0.9
Hides and skins, including furskins	1,751	1,748	1,139	1,562	1,963	1,745	1,792	4.4	3.0	3.0
Bovine hides, whole	1,337	1,388	877	1,193	1,471	1,042	1,070	3.4	2.3	1.8
Grains and feeds	14,409	18,644	13,995	13,687	13,923	14,459	15,181	36.5	26.7	25.5
Wheat and products	4,035	5,734	3,810	3,578	3,560	3,945	4,116	10.2	7.0	6.9
Rice	801	996	942	855	692	769	1,027	2.0	1.7	1.7
Feed grains and products	7,150	8,341	5,747	5,372	5,503	5,875	5,839	18.1	10.5	9.8
Corn	6,026	7,304	4,924	4,469	4,502	4,845	4,747	15.3	8.7	8.0
Fruits and preparations	2,009	2,680	2,516	2,742	2,768	2,775	2,965	5.1	5.4	5.0
Fresh fruits	1,486	1,973	1,820	2,080	2,125	2,134	2,269	3.8	4.1	3.8
Nuts and preparations	976	1,410	1,190	1,319	1,292	1,525	1,766	2.5	2.6	3.0
Vegetables and preparations	2,225	3,637	4,295	4,457	4,483	4,554	4,820	5.6	8.7	8.1
Fresh vegetables	696	1,017	1,053	1,207	1,180	1,232	1,292	1.8	2.4	2.2
Oilseeds and products	5,728	8,953	8,143	8,586	9,219	9,632	11,680	14.5	16.8	19.6
Soybean meal	979	998	1,069	1,169	1,386	1,216	1,177	2.5	2.3	2.0
Soybeans	3,548	5,400	4,532	5,258	5,403	5,677	7,980	9.0	10.3	13.4
Vegetable oils and waxes	832	1,852	1,599	1,259	1,250	1,634	1,697	2.1	2.5	2.8
Tobacco, unmanufactured	1,441	1,400	1,312	1,204	1,269	1,050	1,303	3.6	2.3	1.7
Cotton, excluding linters	2,783	3,681	954	1,873	2,162	2,015	3,203	7.0	3.7	5.4
Other	3,273	4,977	5,614	5,777	6,112	6,017	6,518	8.3	11.3	10.9

¹ Includes commodities not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, February 13, 2004; and "foreign agricultural trade of the united states (fatus)"; <<http://www.ers.usda.gov/data/fatus/>> and U.S. Dept. of Agriculture, Foreign Agricultural Service, "U.S. Trade Internet System"; <<http://www.fas.usda.gov/ustrade/>>.

No. 818. Agricultural Exports—Value by Selected Countries of Destination: 1990 to 2003

[(39,492 represents \$39,492,000,000)]. See headnote, Table 817].

Country	Value (mil. dol.)							Percent		
	1990	1995	1999	2000	2001	2002	2003	1990	2000	2003
Total agricultural exports ¹	39,492	56,251	48,378	51,246	53,659	53,115	59,552	100.0	100.0	100.0
Canada	4,217	5,791	7,058	7,640	8,121	8,660	9,300	10.7	14.9	15.6
Mexico	2,561	3,538	5,624	6,410	7,404	7,226	7,917	6.5	12.5	13.3
Caribbean	1,016	1,282	1,492	1,408	1,399	1,518	1,589	2.6	2.7	2.7
Central America	482	873	1,099	1,120	1,233	1,250	1,339	1.2	2.2	2.2
South America ²	1,063	2,348	1,834	1,701	1,703	1,788	1,899	2.7	3.3	3.2
Colombia	119	465	440	415	452	520	512	0.3	0.8	0.9
Asia ³	15,862	25,704	18,049	19,872	20,312	19,724	23,630	40.2	38.8	39.7
Japan	8,146	11,161	8,892	9,290	8,883	8,382	8,935	20.6	18.1	15.0
Korea, South	2,650	3,754	2,448	2,546	2,588	2,672	2,853	6.7	5.0	4.8
Taiwan ³	1,663	2,597	1,945	1,996	2,009	1,966	2,036	4.2	3.9	3.4
China ^{3 4}	818	2,634	855	1,717	1,940	2,069	4,995	2.1	3.4	8.4
Hong Kong	704	1,502	1,209	1,262	1,227	1,091	1,114	1.8	2.5	1.9
Indonesia	274	816	531	668	907	810	984	0.7	1.3	1.7
Philippines	381	765	783	901	794	776	628	1.0	1.8	1.1
Western Europe ²	7,359	9,015	6,941	6,685	7,042	6,718	6,789	18.6	13.0	11.4
European Union ⁵	7,076	8,655	6,413	6,244	6,404	6,145	6,454	17.9	12.2	10.8
Netherlands	1,586	2,144	1,533	1,442	1,364	1,173	1,123	4.0	2.8	1.9
Germany	1,131	1,226	923	905	923	970	1,018	2.9	1.8	1.7
Spain	939	1,270	681	609	644	674	848	2.4	1.2	1.4
United Kingdom	813	1,050	1,079	1,035	1,062	1,004	1,039	2.1	2.0	1.7
Italy	715	720	493	551	567	543	489	1.8	1.1	0.8
Russia (X)	(X)	1,046	728	580	917	551	579	(X)	1.1	1.0
Eastern Europe	537	292	170	170	232	213	206	1.4	0.3	0.3
Middle East ²	1,855	2,482	2,058	2,341	2,244	2,281	2,547	4.7	4.6	4.3
Israel	304	484	422	482	427	464	426	0.8	0.9	0.7
Turkey	226	536	502	658	571	675	901	0.6	1.3	1.5
Africa ²	1,935	3,073	2,073	2,308	2,105	2,297	2,528	4.9	4.5	4.2
Egypt	692	1,448	966	1,050	1,022	862	1,001	1.8	2.0	1.7
Oceania	343	507	486	489	471	511	821	0.9	1.0	1.4

X Not applicable. ¹ Totals include transshipments through Canada, but transshipments are not distributed by country after 1998. ² Includes areas not shown separately. ³ See footnote 2, Table 1321. ⁴ China includes Macao. However Hong Kong remains separate economically until 2005 and is not included. ⁵ Includes Belgium, Denmark, France, Greece, Ireland, Luxembourg, and Portugal. Beginning 1995, also includes Austria, Finland, and Sweden. For consistency, data for all years are shown on the basis of 15 countries in the European Union.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, February 13, 2004; and "foreign agricultural trade of the united states (fatus)"; <<http://www.ers.usda.gov/data/fatus/>> and U.S. Dept. of Agriculture, Foreign Agricultural Service, "U.S. Trade Internet System"; <<http://www.fas.usda.gov/ustrade/>>.

No. 819. Cropland Used for Crops and Acreages of Crops Harvested: 1990 to 2003

[In millions of acres, except as indicated (341 represents 341,000,000)]

Item	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Cropland used for crops	341	332	346	349	345	344	345	340	341	344
Index (1977=100)	90	88	92	92	91	91	91	90	90	91
Cropland harvested ¹	310	302	314	321	315	316	314	311	307	314
Crop failure	6	8	10	7	10	8	11	10	15	8
Cultivated summer fallow	25	22	22	21	20	20	20	19	19	21
Cropland idled by all Federal programs	62	55	34	33	30	30	31	32	34	34
Acre of crops harvested²	322	314	326	332	326	327	325	321	317	324

¹ Land supporting one or more harvested crops. ² Area in principal crops harvested as reported by Crop Reporting Board plus acreages in fruits, vegetables for sale, tree nuts, and other minor crops.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States, 1997*, SB-973, 2001, Also in *Agricultural Statistics*, annual, Beginning 1995 *Agricultural Resources and Environmental Indicators*, periodic, and *AREI Updates: Cropland Use*. See also ERS Briefing Room at <<http://www.ers.usda.gov/Briefing/LandUse/majorlandusechapter.htm#trends>>.

No. 820. Percent of Corn, Soybean, and Cotton Acreage Planted With Genetically Modified Seed: 2000 and 2003

[In percent. Based on the June Agricultural Survey, Randomly selected farmers across the United States were asked if they planted corn, soybeans, or upland cotton seed that, through biotechnology, is resistant to herbicides, insects, or both. The states published individually below represent 81 percent of all corn planted acres, 89 percent of all soybean planted acres, and 82 percent of all upland cotton planted acres. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). The acreage estimates are subject to sampling variability because all operations planting biotech varieties are not included in the sample]

State	Corn		State	Soybeans		State	Cotton	
	2000	2003		2000	2003		2000	2003
US, total	25	40	US, total	54	75	US, total	61	73
IL	17	28	AR	43	84	AR	70	95
IN	11	16	IL	44	77	CA	24	39
IA	30	45	IN	63	88	GA	82	93
KS	33	47	IA	59	84	LA	80	91
MI	12	35	KS	66	87	MS	78	92
MN	37	53	MI	50	73	NC	76	93
MO	28	42	MN	46	79	TX	46	53
NE	34	52	MS	48	89	Other states ¹	74	88
OH	9	9	MO	62	83			
SD	48	75	NE	72	86			
WI	18	32	ND	22	74			
Other states ¹	17	36	OH	48	74			
			SD	68	91			
			WI	51	84			
			Other states ¹	54	76			

¹ Includes all other states in the specified commodity estimating program.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Acreage*, annual.

No. 821. Quantity of Pesticides Applied to Selected Crops: 1990 to 2002

[In million pounds of active ingredients, except as indicated (497.7 represents 497,700,000)]

Type of pesticide and commodity	1990	1995	1997	1998	1999	2000	2001	2002
Total	497.7	543.3	579.3	544.4	553.7	539.4	511.1	483.3
Herbicides	344.6	324.9	362.6	340.3	316.8	308.6	307.6	282.0
Insecticides	57.4	69.9	60.2	52.0	75.4	77.4	62.0	55.8
Fungicides	27.8	47.5	48.5	45.7	42.3	36.6	33.3	33.7
Other	67.9	101.0	108.0	106.4	119.1	116.8	108.3	111.8
Corn	240.7	201.3	227.3	212.4	186.0	176.1	187.3	153.5
Cotton	50.9	83.7	68.4	55.4	90.6	94.5	72.8	64.5
Wheat	17.8	21.5	25.5	23.9	21.4	19.2	18.3	10.4
Soybeans	74.4	68.7	83.5	78.8	77.3	79.1	72.2	90.7
Potatoes	43.8	53.1	59.4	63.6	64.6	61.8	60.5	55.3
Other vegetables	39.8	78.0	73.3	67.8	70.5	70.1	66.5	76.1
Citrus fruit	11.0	14.0	15.0	14.1	13.3	13.0	12.8	12.4
Apples	8.3	9.0	10.6	9.3	7.9	7.6	7.6	7.3
Other deciduous fruit	10.9	14.1	16.4	19.2	22.2	18.1	13.1	13.2
POUNDS OF ACTIVE INGREDIENT PER PLANTED ACRE								
Total	2.2	2.4	2.4	2.3	2.3	2.2	2.2	2.1
Herbicides	1.5	1.4	1.5	1.4	1.3	1.3	1.3	1.2
Insecticides	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2
Fungicides	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Other	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5

Source: U.S. Dept. of Agriculture, Economic Research Service, *Production Practices for Major Crops in U.S. Agriculture, 1990-97*, Statistical Bulletin No. 969, August 2000 and unpublished data.

No. 822. Principal Crops—Production, Supply, and Disappearance: 1990 to 2003

[67.0 represents 67,000,000. Marketing year beginning January 1 for potatoes, May 1 for hay, June 1 for wheat, August 1 for cotton, September 1 for soybeans and corn. Acreage, production, and yield of all crops periodically revised on basis of census data]

Item	Unit	1990	1995	1999	2000	2001	2002	2003
CORN FOR GRAIN								
Acreage harvested	Million	67.0	65.2	70.5	72.4	68.8	69.3	71.1
Yield per acre	Bushel	119	114	134	137	138	129	142
Production	Mill. bu.	7,934	7,400	9,431	9,915	9,503	8,967	10,114
Farm price ¹	Dol./bu.	2.28	3.24	1.82	1.85	1.97	2.32	2.45
Farm value	Mill. dol.	18,192	24,118	17,104	18,499	18,888	20,975	24,804
Total supply ²	Mill. bu.	9,282	8,974	11,232	11,639	11,412	10,578	11,211
Total disappearance ³	Mill. bu.	7,761	8,548	9,515	9,740	9,815	9,491	10,355
Exports	Mill. bu.	1,725	2,228	1,937	1,941	1,905	1,592	2,000
Ending stocks	Mill. bu.	1,521	426	1,718	1,899	1,596	1,087	856
SOYBEANS								
Acreage harvested	Million	56.5	61.5	72.4	72.4	73.0	72.5	72.3
Yield per acre	Bushel	34.1	35.3	36.6	38.1	39.6	38.0	33.4
Production	Mill. bu.	1,926	2,174	2,654	2,758	2,891	2,756	2,418
Farm price ¹	Dol./bu.	5.74	6.72	4.63	4.54	4.38	5.53	7.25
Farm value	Mill. dol.	11,042	14,617	12,205	12,467	12,606	15,215	17,465
Total supply ²	Mill. bu.	2,169	2,514	3,006	3,052	3,141	2,969	2,604
Total disappearance ³	Mill. bu.	1,840	2,330	2,716	2,804	2,933	2,791	2,489
Exports	Mill. bu.	557	849	975	996	1,064	1,045	900
Ending stocks	Mill. bu.	329	183	290	248	208	178	115
HAY								
Acreage harvested	Million	61.0	59.8	63.2	59.9	63.5	63.9	63.3
Yield per acre	Sh. tons	2.40	2.58	2.53	2.54	2.46	2.34	2.48
Production	Mill. sh. tons	146	154	160	152	156	149	157
Farm price ^{4,5}	Dol./ton	80.60	82.20	76.90	84.60	96.50	92.40	92.90
Farm value	Mill. dol.	10,462	11,042	11,014	11,417	12,597	12,450	12,331
WHEAT								
Acreage harvested	Million	69.1	61.0	53.8	53.1	48.5	45.8	52.8
Yield per acre	Bushel	39.5	35.8	42.7	42.0	40.2	35.0	44.2
Production	Mill. bu.	2,730	2,183	2,296	2,228	1,947	1,606	2,337
Farm price ¹	Dol./bu.	2.61	4.55	2.48	2.62	2.78	3.56	3.35
Farm value	Mill. dol.	7,184	9,787	5,594	5,782	5,440	5,679	7,955
Total supply ²	Mill. bu.	3,303	2,757	3,336	3,268	2,931	2,460	2,903
Total disappearance ³	Mill. bu.	2,435	2,381	2,386	2,392	2,154	1,969	2,372
Exports	Mill. bu.	1,069	1,241	1,086	1,062	962	854	1,165
Ending stocks	Mill. bu.	868	376	950	876	777	491	531
COTTON								
Acreage harvested	Million	11.7	16.0	13.4	13.1	13.8	12.4	12.1
Yield per acre	Pounds	634	537	607	632	705	665	725
Production ⁶	Mill. bales ⁷	15.5	17.9	17.0	17.2	20.3	17.2	18.2
Farm price ¹	Cents/lb.	68.2	76.5	46.8	51.6	32.0	45.7	63.8
Farm value	Mill. dol.	5,076	6,575	3,810	4,260	3,122	3,777	5,582
Total supply ²	Mill. bales ⁷	18.5	21.0	21.0	21.1	26.3	24.7	23.7
Total disappearance ³	Mill. bales ⁷	16.5	18.3	16.9	15.6	18.7	19.2	20.1
Exports	Mill. bales ⁷	7.8	7.7	6.8	6.7	11.0	11.9	13.8
Ending stocks ⁸	Mill. bales ⁷	2.3	2.6	3.9	6.0	7.4	5.4	3.6
POTATOES								
Acreage harvested	Million	1.4	1.4	1.3	1.3	1.2	1.3	1.3
Yield per acre	Cwt.	293	323	359	381	358	362	367
Production	Mill. cwt.	402	445	478	514	438	458	459
Farm price ¹	Dol./cwt.	6.08	6.77	5.77	5.08	6.99	6.69	5.85
Farm value	Mill. dol.	2,431	2,992	2,746	2,591	3,058	3,064	2,680

¹ Marketing year average price. U.S. prices are computed by weighting U.S. monthly prices by estimated monthly marketings and do not include an allowance for outstanding loans and government purchases and payments. ² Comprises production, imports, and beginning stocks. ³ Includes feed, residual, and other domestic uses not shown separately. ⁴ Prices are for hay sold baled. ⁵ Season average prices received by farmers. U.S. prices are computed by weighting state prices by estimated sales. ⁶ State production figures, which conform with annual ginning enumeration with allowance for cross-state ginnings, rounded to thousands and added for U.S. totals. ⁷ Bales of 480 pounds, net weight. ⁸ Stock estimates based on Census Bureau data which results in an unaccounted difference between supply and use estimates and changes in ending stocks.

Source: Production—U.S. Dept. of Agriculture, National Agricultural Statistics Service. In *Crop Production*, annual; and *Crop Values*, annual. Supply and disappearance—U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation*, quarterly; *Fats and Oils Situation*, quarterly; *Wheat Situation*, quarterly; *Cotton and Wool Outlook Statistics*, periodic; and *Agricultural Supply and Demand Estimates*, periodic. Data are also in *Agricultural Statistics*, annual; and "Agricultural Outlook: Statistical Indicators"; <<http://www.ers.usda.gov/publications/agoutlook/aotables/>>.

No. 823. Corn—Acreage, Production, and Value by Leading States: 2001 to 2003

[68,768 represents 68,768,000. One bushel of corn=56 pounds]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price (\$/bu.)			Farm value (mil. dol.)		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
U.S.¹	68,768	69,330	71,139	138	129	142	9,503	8,967	10,114	1.97	2.32	2.45	18,888	20,975	24,804
IA	11,400	11,850	12,000	146	163	157	1,664	1,932	1,884	1.90	2.22	2.40	3,162	4,359	4,522
IL	10,850	10,900	11,050	152	135	164	1,649	1,472	1,812	2.04	2.35	2.50	3,364	3,516	4,531
NE	7,750	7,350	7,700	147	128	146	1,139	941	1,124	1.94	2.32	2.45	2,210	2,183	2,754
MN	6,200	6,700	6,650	130	157	146	806	1,052	971	1.90	2.15	2.35	1,531	2,262	2,282
IN	5,670	5,220	5,390	156	121	146	885	632	787	1.98	2.41	2.50	1,751	1,522	1,967
OH	3,170	2,970	3,070	138	89	156	437	264	479	2.00	2.48	2.45	875	626	1,173
SD	3,400	3,250	3,850	109	95	111	371	309	427	1.75	2.17	2.25	649	660	962
WI	2,600	2,700	2,850	127	135	129	330	392	368	1.97	2.22	2.40	650	869	882
MO	2,600	2,700	2,800	133	105	108	346	302	302	1.96	2.45	2.50	678	695	756
KS	3,050	2,600	2,500	127	116	120	387	302	300	2.03	2.48	2.55	786	719	765
MI	1,900	2,000	2,090	105	117	126	200	234	263	1.97	2.34	2.40	393	544	632
TX	1,420	1,790	1,650	118	113	119	168	202	195	2.29	2.57	2.60	384	529	506
KY	1,100	1,070	1,080	142	104	137	156	111	148	2.08	2.58	2.55	325	247	377
ND	705	995	1,170	115	114	112	81	113	131	1.87	2.16	2.35	152	247	308
CO	1,070	720	890	140	150	135	150	57	102	2.33	2.97	2.90	226	176	297
PA	960	840	890	98	68	115	94	57	102	2.06	2.58	2.35	169	171	194
TN	610	610	630	132	107	131	81	65	83	2.03	2.58	2.35	100	154	161
MS	385	530	530	130	120	135	50	64	72	1.99	2.33	2.25	100	154	161
NC	625	680	680	125	83	106	78	56	72	2.36	2.89	2.70	184	168	195
LA	307	540	500	148	121	134	45	65	67	2.20	2.40	2.40	100	164	161
NY	540	460	440	105	97	121	57	45	53	2.51	2.87	2.80	142	125	149

¹ Includes other states, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Crop Production*, annual; and *Crop Values*, annual.

No. 824. Soybeans—Acreage, Production, and Value by Leading States: 2001 to 2003

[72,975 represents 72,975,000. One bushel of soybeans=60 pounds]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price (\$/bu.)			Farm value (mil. dol.)		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
U.S.¹	72,975	72,497	72,321	40	38	33	2,891	2,756	2,418	4.38	5.53	7.25	12,606	15,215	17,465
IL	10,620	10,550	10,250	45	43	37	478	454	374	4.55	5.66	7.35	2,174	2,568	2,750
IA	10,920	10,400	10,550	44	48	32	480	499	338	4.35	5.54	7.30	2,090	2,766	2,464
MN	7,200	7,100	7,400	37	44	31	266	309	229	4.32	5.42	7.00	1,151	1,674	1,606
NE	5,590	5,770	5,350	49	42	38	274	239	203	4.42	5.55	7.35	1,211	1,329	1,494
IN	4,900	4,580	4,490	46	39	40	223	176	180	4.19	5.43	7.10	934	957	1,275
OH	4,580	4,720	4,280	41	32	38	188	151	163	4.46	5.59	7.20	837	818	1,171
MO	4,900	5,000	4,940	38	34	29	186	170	143	4.32	5.54	7.55	804	942	1,082
SD	4,470	4,090	4,190	32	31	27	143	127	113	4.13	5.33	6.95	591	676	786
AR	2,850	2,880	2,890	32	34	38	91	96	110	4.37	5.65	7.25	399	545	796
ND	2,110	2,630	3,030	34	33	29	71	87	88	4.05	5.32	6.85	286	462	602
KS	2,730	2,540	2,480	32	23	23	87	58	57	4.16	5.49	7.60	363	321	434
MI	1,120	1,370	1,430	33	32	39	37	44	56	4.39	5.52	6.85	162	242	382
MS	2,130	2,040	1,990	30	39	27	64	79	54	4.47	5.62	7.20	286	441	387
KY	1,220	1,290	1,240	40	33	43	49	43	53	4.47	5.74	7.60	218	239	405

¹ Includes other states, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Crop Production*, annual; and *Crop Values*, annual.

No. 825. Wheat—Acreage, Production, and Value by Leading States: 2001 to 2003

[48,473 represents 48,473,000. One bushel of wheat= 60 pounds]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price (\$/bu.)			Farm value (mil. dol.)		
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
U.S.¹	48,473	45,824	52,839	40.2	35.0	44.2	1,947	1,606	2,337	2.78	3.56	3.35	5,440	5,679	7,955
KS	8,200	8,200	10,000	40.0	33.0	48.0	328	271	480	2.69	3.41	3.15	882	911	1,512
ND	9,080	7,915	8,500	32.2	27.3	37.3	292	216	317	2.79	3.80	3.70	813	823	1,178
OK	3,700	3,700	4,600	33.0	28.0	39.0	122	104	179	2.74	3.37	3.25	335	340	583
WA	2,350	2,390	2,345	55.9	54.3	59.4	131	130	139	3.23	3.83	3.80	428	497	528
MT	4,215	4,795	5,050	22.9	23.1	27.2	97	111	138	3.14	4.04	3.85	304	446	526
SD	2,044	1,677	2,747	37.6	26.4	42.3	77	44	116	2.78	3.81	3.50	214	161	404
MN	1,815	1,834	1,825	43.9	34.0	57.8	80	62	105	2.93	3.86	3.70	233	240	390
TX	3,200	2,700	3,450	34.0	29.0	28.0	109	78	97	2.78	3.02	3.05	302	236	295

¹ Includes other states, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Crop Production*, annual; and *Crop Values*, annual.

No. 826. Floriculture and Nursery Crops—Value of Production, Trade, and Consumption: 1990 to 2002

[In millions of dollars, except as noted (8,677 represents \$8,677,000,000). Includes all floriculture and nursery crops except cut Christmas trees, seeds, and food crops grown under cover. Domestic production based on grower wholesale receipts. Domestic consumption equals supply minus exports. Supply equals domestic production plus imports]

Year	Production and trade				Consumption			
	Domestic production	Imports	Supply	Exports	Domestic consumption	Per household (dol.)	Per capita (dol.)	Import share (percent)
1990	8,677	538	9,215	204	9,011	98	36	6.0
1991	9,035	547	9,582	216	9,366	101	37	5.8
1992	9,294	604	9,898	222	9,677	102	38	6.2
1993	9,398	654	10,052	242	9,810	103	38	6.7
1994	9,853	712	10,566	252	10,314	107	39	6.9
1995	10,336	859	11,195	241	10,954	113	41	7.8
1996	10,830	952	11,782	242	11,539	117	43	8.2
1997	11,861	1,004	12,865	283	12,582	126	46	8.0
1998	12,043	1,080	13,124	306	12,818	127	46	8.4
1999	13,042	1,101	14,143	299	13,844	134	50	8.0
2000	13,741	1,160	14,901	279	14,622	139	52	7.9
2001	13,795	1,151	14,946	264	14,681	137	51	7.8
2002	13,829	1,133	14,962	249	14,713	136	51	7.7

Source: U.S. Dept. of Agriculture, Economic Research Service, *Floriculture and Nursery Crops Yearbook*.

No. 827. Fresh Fruits and Vegetables—Supply and Use: 1990 to 2003

[In millions of pounds, except per capita in pounds (7,327 represents 7,327,000,000)]

Year	Utilized production ¹	Imports ²	Supply, ¹ total	Consumption		Exports ²
				Total	Per capita	
FRUITS						
Citrus:						
1990	7,327	184	7,510	5,331	21.4	2,179
2000	8,355	684	9,040	6,602	23.4	2,438
2001	8,331	871	9,202	6,787	23.8	2,415
2002	8,254	762	9,016	6,456	22.4	2,560
2003	8,547	1,024	9,571	6,942	23.9	2,629
Noncitrus: ³						
1990	12,122	7,852	19,974	17,978	70.4	1,995
2000	13,850	11,225	25,074	21,685	76.6	3,389
2001	12,759	10,979	23,738	20,636	72.1	3,102
2002	12,853	11,598	24,452	21,546	74.5	2,906
VEGETABLES & MELONS						
1990	35,341	3,458	39,679	35,364	141.5	2,690
2000	47,270	6,720	55,334	48,928	173.3	4,197
2001	46,742	7,342	55,350	49,011	171.8	4,128
2002	46,822	7,704	55,858	49,501	171.8	4,269
2003	46,656	7,984	55,890	49,717	170.8	4,209
POTATOES						
1990	11,335	684	12,019	11,691	46.8	327
2000	13,239	806	14,045	13,368	47.3	677
2001	13,206	671	13,877	13,241	46.4	636
2002	12,664	883	13,547	12,854	44.5	693
2003	13,390	872	14,262	13,673	46.9	590

¹ Crop-year basis for fruits. ² Fiscal year for fruits; calendar year for vegetables and potatoes. ³ Includes bananas.

No. 828. Nuts—Supply and Use: 1990 to 2002

[In millions of pounds (shelled) (326.2 represents 326,200,000)]

Year	Beginning stocks	Marketable production ¹	Imports	Supply, total	Consumption	Exports	Ending stocks
1990	326.2	961.5	198.4	1,486.1	609.6	522.6	354.0
1995	334.1	770.1	204.0	1,308.2	512.5	543.8	251.9
1999	223.9	1,295.7	283.4	1,803.0	706.7	730.7	365.6
2000	365.6	1,110.1	297.0	1,772.7	647.0	851.1	274.5
2001	274.5	1,325.0	322.5	1,921.9	796.6	843.4	281.9
2002	281.9	1,536.5	353.7	2,172.1	887.5	924.0	360.6

¹ Utilized production minus inedibles and noncommercial usage.

Source of Tables 827 and 828: U.S. Dept. of Agriculture, Economic Research Service, *Fruit and Tree Nuts Situation and Outlook Yearbook* and *Vegetables and Specialties Situation and Outlook Yearbook*.

No. 829. Commercial Vegetable and Other Specified Crops—Area, Production, and Value, 2001 to 2003, and Leading Producing States, 2003

[290 represents 290,000. Except as noted, relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing states. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

Crop	Area ¹ (1,000 acres)			Production ² (1,000 short tons)			Value ³ (mil. dol.)			Leading states in order of production, 2003
	2001	2002	2003	2001	2002	2003	2001	2002	2003	
Beans, snap	290	300	284	998	1,092	1,015	390	404	385	WI, OR, NY ⁴
Beans, dry edible	1,250	1,739	1,347	981	1,516	1,126	426	514	412	ND, NE, MI
Broccoli ⁵	133	130	137	935	919	1,010	484	568	644	CA, AZ
Cabbage ⁵	77	76	74	1,273	1,211	1,118	333	308	277	CA, NY, TX
Cantaloups ⁵	95	90	86	1,131	1,122	1,105	429	398	372	CA, AZ, TX
Carrots	108	102	102	1,844	1,695	1,800	511	521	554	CA, MI, CO ⁵
Celery	28	27	28	943	937	944	272	240	257	CA, MI
Corn, sweet	692	663	674	4,488	4,392	4,715	753	718	790	(NA)
Fresh market	245	246	248	1,341	1,324	1,449	524	509	560	FL, CA, NY
Processed	447	417	427	3,148	3,068	3,266	230	209	230	MN, WA, WI
Cucumbers	161	173	174	1,101	1,166	1,127	375	377	368	(NA)
Fresh market	53	55	55	520	547	479	206	208	189	FL, GA, CA
Processed	108	118	119	582	619	648	169	169	178	MI, NC, FL
Lettuce, head ⁵	184	185	186	3,446	3,407	3,300	1,235	1,435	1,188	CA, AZ
Lettuce, leaf ⁵	51	54	56	570	671	619	314	452	387	CA, AZ
Lettuce, Romaine ⁵	53	58	66	753	928	962	291	467	524	PA, AZ
Mushrooms	34	31	29	423	416	416	826	871	852	PA, CA, FL
Onions ⁴	165	163	159	3,498	3,492	3,485	680	765	919	CA, WA, OR
Peas, green	212	212	292	391	350	468	103	88	117	MN, WA, WI
Peppers, bell	58	54	55	825	783	824	474	464	505	CA, FL
Potatoes	1,221	1,266	1,250	21,884	22,909	22,952	3,058	3,064	2,687	ID, WA, WI
Spinach	40	43	48	300	337	392	127	171	217	CA, AZ
Strawberries	46	48	48	825	842	1,041	1,069	1,162	1,321	CA, FL
Sweet potatoes	94	82	92	726	840	796	225	215	331	NC, LA, CA
Tomatoes	406	441	418	11,134	13,650	11,577	1,679	1,933	1,865	(NA)
Fresh market	131	129	124	1,885	1,979	1,757	1,131	1,253	1,289	FL, CA
Processed	275	312	294	9,249	11,671	9,820	547	680	576	CA, IN
Watermelons	161	153	150	2,024	1,979	1,928	273	328	347	TX, FL, CA

NA Not available. ¹ Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. ² Excludes some quantities not marketed. ³ Fresh market vegetables valued at f.o.b. shipping point. Processing vegetables are equivalent returns at packinghouse door. ⁴ Processed only. ⁵ Fresh market only. ⁶ Area is shown in million square feet. All data are for marketing year ending June 30.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Vegetables Final Estimates 1998-2003*, May 2004. Also in *Agricultural Statistics*, annual.

No. 830. Fruits and Nuts—Utilized Production and Value, 2001 to 2003, and Leading Producing States, 2003

[4,607 represents 4,607,000]

Fruit or nut	Utilized production ¹			Farm value (mil. dol.)			Leading states in order of production, 2003	
	Unit	2001	2002	2003	2001	2002		2003
Apples ²	1,000 tons	4,607	4,203	4,449	1,452	1,572	1,730	WA, NY, MI
Apricots	1,000 tons	75	80	98	27	29	35	CA
Avocados	1,000 tons	223	218	(NA)	374	382	(NA)	CA
Cherries, sweet	1,000 tons	220	177	235	271	274	327	WA, CA, OR
Cherries, tart	1,000 tons	154	31	113	57	28	84	MI, UT, WA
Cranberries	1,000 tons	239	284	306	114	171	194	WI, MA, NJ
Grapefruit	1,000 tons	2,462	2,424	2,063	285	292	258	FL, TX
Grapes (13 states)	1,000 tons	6,568	7,362	6,324	2,948	2,842	2,534	CA, WA, NY
Lemons	1,000 tons	996	801	1,026	237	328	293	CA, AZ
Neectarines (CA)	1,000 tons	275	299	278	128	115	121	CA
Olives (CA)	1,000 tons	134	103	118	90	59	50	CA
Oranges	1,000 tons	12,221	12,374	11,526	1,683	1,846	1,612	FL, CA
Peaches	1,000 tons	1,168	1,236	1,207	483	488	467	CA, GA, SC
Pears	1,000 tons	964	867	921	263	264	282	WA, CA, OR
Pineapples	1,000 tons	323	320	315	96	101	103	HI
Plums (CA)	1,000 tons	210	201	212	64	78	89	CA
Prunes (dried basis) (CA)	1,000 tons	135	149	161	98	132	118	CA
Tangelos	1,000 tons	95	97	106	8	11	13	FL
Tangerines	1,000 tons	373	420	371	97	125	114	FL, CA
Templets	1,000 tons	56	70	59	5	7	6	FL
Almonds (shelled basis) (CA)	Mil. lb.	830	1,060	1,020	740	1,201	1,419	CA
Hazelnuts (in the shell)	1,000 tons	50	18	35	35	20	37	OR
Macadamia nuts	Mil. lb.	56	52	51	33	30	30	HI
Pecans (in the shell) (11 states)	Mil. lb.	339	178	282	201	165	263	TX, GA, NM
Pistachios	Mil. lb.	161	300	116	163	333	133	CA
Walnuts, English (in the shell)	1,000 tons	305	282	325	342	305	(NA)	CA

NA Not available. ¹ Excludes quantities not harvested or not marketed. ² Production in commercial orchards with 100 or more bearing age trees.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts Final Estimates 1997-2002*, May 2004; *Noncitrus Fruits and Nuts*, annual; and *Citrus Fruits*, annual.

No. 831. Meat Supply and Use: 1990 to 2003

[In millions of pounds (carcass weight equivalent) (62,255 represents 62,255,000,000). Carcass weight equivalent is the weight of the animal minus entrails, head, hide, and internal organs; includes fat and bone. Covers federal and state inspected, and farm slaughter]

Year and type of meat	Production	Imports	Supply, ¹ total	Consumption ²	Exports	Ending stocks
RED MEAT AND POULTRY						
1990	62,255	3,295	66,673	62,937	2,472	1,263
1995	74,068	2,838	78,636	69,911	6,956	1,768
2000	82,372	4,137	88,481	77,069	9,344	2,069
2001	82,746	4,278	89,093	76,912	10,060	2,120
2002	85,384	4,466	91,971	80,187	9,445	2,339
2003	85,234	4,374	91,948	80,164	9,758	2,025
ALL RED MEATS						
1990	38,787	3,295	42,742	40,784	1,250	707
1995	43,675	2,832	47,511	43,967	2,614	929
2000	46,299	4,128	51,341	46,560	3,760	1,021
2001	45,804	4,260	51,085	46,089	3,836	1,160
2002	47,305	4,450	52,915	47,612	4,065	1,238
2003	46,757	4,358	52,353	47,046	4,247	1,060
Beef:						
1990	22,743	2,356	25,434	24,031	1,006	397
1995	25,222	2,104	27,874	25,534	1,821	519
2000	26,888	3,032	30,332	27,338	2,468	525
2001	26,212	3,164	29,901	27,026	2,269	606
2002	27,192	3,218	31,016	27,878	2,447	691
2003	26,349	3,006	30,046	27,004	2,523	519
Pork:						
1990	15,354	898	16,565	16,031	238	296
1995	17,849	664	18,952	17,768	787	396
2000	18,952	967	20,407	18,643	1,287	478
2001	19,160	951	20,588	18,492	1,560	536
2002	19,685	1,070	21,291	19,147	1,611	533
2003	20,003	1,185	21,721	19,472	1,717	532
Veal:						
1990	327	(NA)	331	325	(NA)	6
1995	319	(NA)	326	319	(NA)	7
2000	225	(NA)	230	225	(NA)	5
2001	205	(NA)	210	204	(NA)	6
2002	205	(NA)	211	204	(NA)	7
2003	202	(NA)	209	204	(NA)	5
Lamb and mutton:						
1990	363	41	412	397	6	8
1995	285	64	359	346	6	8
2000	234	130	372	354	5	13
2001	227	146	386	368	7	12
2002	223	162	397	383	7	7
2003	203	167	377	366	7	4
POULTRY, TOTAL						
1990	23,468	-	23,931	22,153	1,222	556
1995	30,393	6	31,125	25,944	4,342	839
2000	36,073	9	37,140	30,508	5,584	1,048
2001	36,942	18	38,008	30,823	6,224	960
2002	38,079	16	39,056	32,575	5,380	1,101
2003	38,477	16	39,595	33,118	5,511	965
Broilers:						
1990	18,430	-	18,651	17,266	1,143	242
1995	24,827	1	25,286	20,832	3,894	560
2000	30,209	6	31,011	25,295	4,918	798
2001	30,938	14	31,749	25,482	5,555	712
2002	31,895	12	32,619	27,049	4,807	763
2003	32,399	12	33,173	27,633	4,932	608
Mature chicken:						
1990	523	-	530	496	25	9
1995	496	3	513	406	99	7
2000	531	2	540	311	220	9
2001	515	3	527	337	182	8
2002	547	3	557	418	134	5
2003	502	3	511	412	96	3
Turkeys:						
1990	4,514	-	4,750	4,390	54	306
1995	5,069	2	5,326	4,706	348	271
2000	5,333	1	5,589	4,902	445	241
2001	5,489	1	5,731	5,004	487	241
2002	5,638	1	5,879	5,108	439	333
2003	5,576	1	5,911	5,074	482	354

- Represents zero. NA Not available. ¹ Total supply equals production plus imports plus ending stocks of previous year.
² Includes shipments to territories.

Source: U.S. Department of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures, 1970-2000*; and "Agricultural Outlook: Statistical Indicators"; <<http://www.ers.usda.gov/publications/agoutlook/aotables/>>.

No. 832. Livestock Inventory and Production: 1990 to 2004

[95.8 represents 95,800,000. Production in live weight; includes animals for slaughter market, younger animals shipped to other states for feeding or breeding purposes, farm slaughter and custom slaughter consumed on farms where produced, minus livestock shipped into states for feeding or breeding with an adjustment for changes in inventory]

Type of livestock	Unit	1990	1995	1997	1998	1999	2000	2001	2002	2003	2004
ALL CATTLE ¹											
Inventory: ² Number on farms	Mil	95.8	102.8	101.7	99.7	99.1	98.2	97.3	96.7	96.1	94.9
Total value	Bil. dol.	59.0	63.2	53.4	60.2	58.8	67.1	70.5	72.3	69.9	77.7
Value per head	Dol.	616	615	525	603	594	683	725	747	728	819
Production: Quantity	Bil. lb	39.2	42.5	40.9	41.7	42.6	43.0	42.6	42.4	42.2	(NA)
Beef, price per 100 lb	Dol.	74.60	61.80	63.10	59.60	63.40	68.60	71.30	66.50	79.70	(NA)
Calves, price per 100 lb	Dol.	95.60	73.10	78.90	78.80	87.70	104.00	106.00	96.40	102.00	(NA)
Value of production	Bil. dol.	29.3	24.7	24.8	24.2	26.1	28.5	29.4	27.1	32.2	(NA)
HOGS AND PIGS											
Inventory: ³ Number on farms	Mil	53.8	59.7	56.1	61.2	62.2	59.3	59.1	59.7	59.6	60.4
Total value	Bil. dol.	4.3	3.2	5.3	5.0	2.8	4.3	4.5	4.6	4.2	4.0
Value per head	Dol.	79	53	94	82	44	72	77	77	71	66
Production: Quantity	Bil. lb	21.3	24.4	24.0	25.8	25.9	25.7	25.9	26.3	26.3	(NA)
Price per 100 lb	Dol.	53.70	40.50	52.90	34.40	30.30	42.30	44.40	33.40	37.20	(NA)
Value of production	Bil. dol.	11.3	9.8	12.6	8.7	7.8	10.8	11.4	8.7	9.7	(NA)
SHEEP AND LAMBS											
Inventory: ² Number on farms	Mil	11.4	9.0	8.0	7.8	7.2	7.0	6.9	6.6	6.3	6.1
Total value	Mil. dol	901	663	762	798	641	670	690	614	657	721
Value per head	Dol.	79	75	96	102	88	95	100	92	104	118
Production: Quantity	Mil. lb	781	602	603	554	537	512	501	485	468	(NA)
Sheep, price per 100 lb	Dol.	23.20	28.00	37.90	30.60	31.10	34.30	34.60	28.20	34.90	(NA)
Lambs, price per 100 lb	Dol.	55.50	78.20	90.30	72.30	74.50	79.80	66.90	74.10	94.40	(NA)
Value of production	Mil. dol	374	414	490	355	352	365	303	314	390	(NA)

NA Not available. ¹ Includes milk cows. ² As of Jan. 1. ³ As of Dec. 1 of preceding year.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meat Animals—Production, Disposition, and Income Final Estimates 1998-2002*, May 2004; *Meat Animals Production, Disposition, and Income*, annual; and annual livestock summaries. Also in *Agricultural Statistics*, annual.

No. 833. Livestock Operations by Size of Herd: 1995 to 2003

[In thousands (1,191 represents 1,191,000). An operation is any place having one or more head on hand at any time during the year]

Size of herd	1995	2000	2003	Size of herd	1995	2000	2003
CATTLE ¹				MILK COWS ²			
Total operations	1,191	1,076	1,014	Total operations	140	105	86
1 to 49 head	746	671	633	1 to 49 head	79	53	42
50 to 99 head	208	186	171	50 to 99 head	39	31	26
100 to 499 head	210	192	182	100 or more head	21	21	19
500 to 999 head	18	19	18	HOGS AND PIGS			
1,000 head or more	9	10	10	Total operations	168	87	74
BEEF COWS ²				1 to 99 head			
Total operations	898	831	792	100 to 499 head	97	50	44
1 to 49 head	716	655	621	500 to 999 head	44	17	12
50 to 99 head	105	100	96	1,000 to 4,999 head	15	8	6
100 to 499 head	70	71	70	5,000 head or more	7	6	5
500 head or more	6	6	5		4	5	5
					1	2	2

¹ Includes calves. ² Included in operations with cattle.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Cattle Final Estimates, 1994-1998*, January 1999; *Milk Cows and Production Final Estimates 1993-1997*, January 1999; *Hogs and Pigs Final Estimates 1993-1997*, December 1998; *Livestock Operations Final Estimates 1998-2002*, April 2004; *Agricultural Statistics*, annual and unpublished data.

No. 834. Hogs and Pigs—Number, Production, and Value by State: 2001 to 2003

[59,722 represents 59,722,000. See headnote, Table 832]

State	Number on farms ¹ (1,000)			Quantity produced (mil. lb.)			Value of production (mil. dol.)			Commercial slaughter ² (mil. lb.)	
	2001	2002	2003	2001	2002	2003	2001	2002	2003	2002	2003
U.S. ³	59,722	59,554	60,389	25,866	26,274	26,334	11,416	8,691	9,729	26,561	26,876
IA	15,400	15,500	15,900	6,400	6,701	6,831	2,746	2,030	2,247	7,639	7,788
NC	9,800	9,700	10,000	3,700	3,875	3,768	1,734	1,393	1,531	2,597	2,765
MN	5,800	6,100	6,500	2,774	2,786	3,016	1,231	937	1,127	2,312	2,357
IL	4,250	4,150	4,000	1,826	1,811	1,828	843	651	752	2,495	2,278
IN	3,200	3,250	3,100	1,446	1,466	1,568	614	462	560	1,796	1,847
NE	2,900	3,000	2,900	1,451	1,508	1,427	666	560	583	1,827	1,824
OK	2,480	2,240	2,380	1,142	1,102	1,169	481	342	415	1,274	1,295

¹ As of December 1. ² Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. ³ Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meat Animals-Production, Disposition and Income*, annual; and *Livestock Slaughter*, annual.

No. 835. Cattle and Calves—Number, Production, and Value by State: 2001 to 2004

[96,723 represents 96,723,000. Includes milk cows. See headnote, Table 832]

State	Number on farms ¹ (1,000)			Quantity produced (mil. lb.)			Value of production (mil. dol.)			Commercial slaughter ² (mil. lb.)	
	2002	2003	2004	2001	2002	2003	2001	2002	2003	2002	2003
U.S. ³	96,723	96,100	94,882	42,581	42,409	42,244	29,403	27,098	32,168	44,688	43,705
TX	13,600	14,000	13,900	7,734	7,183	7,767	5,462	4,658	6,029	7,675	7,671
NE	6,400	6,200	6,250	4,335	4,493	4,401	2,711	2,630	3,380	10,144	9,648
KS	6,600	6,350	6,650	3,942	4,067	4,025	2,463	2,364	3,033	9,112	8,926
OK	5,200	5,400	5,100	1,825	2,006	2,044	1,475	1,499	1,671	41	34
CA	5,200	5,250	5,200	1,993	1,833	1,987	946	848	1,148	1,667	1,759
CO	3,050	2,650	2,400	2,109	2,015	1,865	1,463	1,454	1,522	3,310	3,063
IA	3,550	3,550	3,450	1,616	1,840	1,797	1,132	1,152	1,420	870	1,002
SD	3,950	3,700	3,650	1,554	1,557	1,473	1,240	1,142	1,212	234	(*)
MO	4,350	4,500	4,350	1,186	1,186	1,155	999	909	991	113	120
MN	2,500	2,450	2,400	1,134	1,150	1,096	743	683	789	1,058	1,082
ID	1,990	2,000	2,010	1,044	1,143	1,095	702	705	809	1,023	949

¹ As of January 1. ² Data cover cattle only. Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. ³ Includes other states not shown separately. ⁴ Included in U.S. total. Not printed to avoid disclosing individual operation.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meat Animals-Production, Disposition and Income*, annual; and *Livestock Slaughter*, annual.

No. 836. Milk Cows—Number, Production, and Value by State: 2001 to 2003

[9,103 represents 9,103,000]

State	Number on farms ¹ (1,000)			Milk produced on farms (mil. lb.)			Value of production ² (mil. dol.)		
	2001	2002	2003	2001	2002	2003	2001	2002	2003
United States ³	9,103	9,139	9,084	165,332	170,063	170,312	24,869	20,720	21,370
California	1,589	1,648	1,688	33,217	35,065	35,437	4,630	3,836	4,033
Wisconsin	1,292	1,271	1,256	22,199	22,074	22,266	3,285	2,693	2,872
New York	672	675	671	11,780	12,218	11,952	1,861	1,564	1,566
Pennsylvania	599	585	575	10,849	10,775	10,338	1,801	1,487	1,447
Idaho	366	388	404	7,757	8,155	8,774	1,047	922	1,009
Minnesota	510	487	473	8,812	8,458	8,258	1,313	1,023	1,057
New Mexico	268	301	317	5,561	6,316	6,666	823	752	800
Michigan	303	301	302	5,870	6,120	6,360	892	741	801
Texas	326	317	319	5,107	5,300	5,630	807	684	732

¹ Average number during year. Represents cows and heifers that have calved, kept for milk; excluding heifers not yet fresh. ² Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves. ³ Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Dairy Products*, annual; and *Milk: Production, Disposition, and Income*, annual.

No. 837. Milk Production and Manufactured Dairy Products: 1990 to 2003

[193 represents 193,000]

Item	Unit	1990	1995	1997	1998	1999	2000	2001	2002	2003
Number of farms with milk cows	1,000	193	140	124	117	111	105	97	91	86
Cows and heifers that have calved, kept for milk	Mil. head	10.0	9.5	9.3	9.2	9.2	9.2	9.1	9.1	9.1
Milk production on farms	Bil. lb.	148	155	156	157	163	167	165	170	170
Production per cow	1,000 lb.	14.8	16.4	16.9	17.2	17.8	18.2	18.2	18.6	18.7
Milk marketed by producers ¹	Bil. lb.	146	154	155	156	161	166	164	169	169
Value of milk produced	Bil. dol.	20.4	20.1	21.1	24.3	23.4	20.8	24.9	20.7	21.4
Cash receipts from marketing of milk and cream ¹	Bil. dol.	20.1	19.9	20.9	24.1	23.2	20.6	24.7	20.6	21.2
Number of dairy manufacturing plants	Number	1,723	1,495	1,384	1,323	1,192	1,163	1,179	1,149	1,126
Manufactured dairy products:										
Butter (incl. whey butter)	Mil. lb.	1,302	1,264	1,151	1,168	1,277	1,256	1,232	1,355	1,242
Cheese, total ²	Mil. lb.	6,059	6,917	7,330	7,492	7,941	8,258	8,261	8,547	8,598
American (excl. full-skim American)	Mil. lb.	2,894	3,131	3,286	3,315	3,568	3,642	3,544	3,691	3,670
Cream and Neufchatel	Mil. lb.	431	544	615	621	639	687	645	686	677
All Italian varieties	Mil. lb.	2,207	2,674	2,881	3,005	3,152	3,289	3,426	3,470	3,522
Cottage cheese: Creamed ³	Mil. lb.	832	711	706	728	720	735	742	748	765
Curd, pot, and bakers	Mil. lb.	493	459	458	466	465	461	453	437	448
Condensed bulk milk	Mil. lb.	1,426	1,372	1,275	1,263	1,365	1,202	1,110	1,191	1,046
Nonfat dry milk ⁴	Mil. lb.	902	1,243	1,223	1,140	1,364	1,457	1,419	1,596	1,589
Dry whey ⁵	Mil. lb.	1,143	1,147	1,137	1,178	1,147	1,188	1,046	1,115	1,086
Yogurt, plain and fruit flavored	Mil. lb.	(NA)	1,646	1,574	1,639	1,717	1,837	2,003	2,311	2,388
Ice cream, regular	Mil. gal.	824	862	914	935	972	980	970	1,005	1,015
Ice cream, lowfat ⁶	Mil. gal.	352	357	386	407	381	373	380	339	353

NA Not available. ¹ Comprises sales to plants and dealers, and retail sales by farmers direct to consumers. ² Includes varieties not shown separately. ³ Includes partially creamed (low fat). ⁴ Includes dry skim milk for animal feed. ⁵ Includes animal but excludes modified whey production. ⁶ Includes freezer-made milkshake in most states.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Dairy Products*, annual; and *Milk: Production, Disposition, and Income*, annual.

No. 838. Milk Production and Commercial Use: 1990 to 2003

[In billions of pounds milkfat basis (147.7 represents 147,700,000,000) except as noted]

Year	Production	Commercial					CCC net removals ¹	Commercial		Milk price per 100 lb. (2.)
		Farm use	Farm marketings	Beginning stock	Imports	Commercial supply, total		Ending stock	Disappearance	
1990	147.7	2.0	145.7	4.1	2.7	152.5	8.5	5.1	138.8	13.68
1995	155.3	1.6	153.7	4.3	2.9	160.9	2.1	4.1	154.7	12.78
1998	157.4	1.4	156.1	4.9	4.6	165.5	0.4	5.3	159.9	15.42
1999	162.7	1.4	161.3	5.3	4.7	171.4	0.3	6.1	164.9	14.36
2000	167.6	1.3	166.2	6.1	4.4	176.8	0.8	6.9	169.1	12.40
2001	165.5	1.2	164.3	6.8	5.7	176.8	0.1	7.0	169.7	15.04
2002	169.8	1.1	168.6	7.0	5.1	180.8	0.3	9.9	170.5	12.19
2003	170.3	1.1	169.2	9.9	5.0	184.2	1.2	8.3	174.7	12.60

¹ Removals from commercial supply by Commodity Credit Corporation (CCC). ² Wholesale price received by farmers for all milk delivered to plants and dealers.

Source: U.S. Dept. of Agriculture, Economic Research Service, "Agricultural Outlook: Statistical Indicators"; <<http://www.ers.usda.gov/publications/agoutlook/aotables/>>.

No. 839. Broiler, Turkey, and Egg Production: 1990 to 2003

[For year ending November 30 (353 represents 353,000,000)]

Item	Unit	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003
Chickens: ¹											
Number	Million	353	388	393	410	425	437	437	444	444	449
Value per head	Dollars	2.29	2.41	2.65	2.72	2.69	2.64	2.44	2.41	2.38	2.47
Value, total	Mill. dol.	808	935	1,039	1,113	1,143	1,156	1,064	1,069	1,055	1,108
Number sold	Million	208	180	174	191	200	214	218	202	200	188
Price per lb.	Cents	9.6	6.5	6.6	7.7	8.1	7.1	5.7	4.5	4.8	4.8
Value of sales	Mill. dol.	94	60	59	71	80	75	64	47	50	48
PRODUCTION											
Broilers: ³											
Number	Million	5,864	7,326	7,597	7,764	7,934	8,146	8,284	8,390	8,591	8,493
Weight	Bil. lb.	25.6	34.2	36.5	37.5	38.6	40.8	41.6	42.5	44.1	44.0
Price per lb.	Cents	32.6	34.4	38.1	37.7	39.3	37.1	33.6	39.3	30.5	34.6
Production value	Mill. dol.	8,366	11,762	13,903	14,159	15,147	15,129	13,989	16,696	13,437	15,215
Turkeys:											
Number	Million	282	292	303	301	286	270	270	273	275	274
Weight	Bil. lb.	6.0	6.8	7.2	7.2	7.1	6.9	7.0	7.2	7.5	7.5
Price per lb.	Cents	39.6	41.0	43.3	39.9	38.0	40.8	40.6	39.0	36.5	36.0
Production value	Mill. dol.	2,393	2,769	3,124	2,884	2,683	2,807	2,828	2,797	2,732	2,720
Eggs:											
Number	Billion	68.1	74.8	76.4	77.5	79.8	82.9	84.7	86.1	87.3	87.2
Price per dozen	Cents	70.8	62.5	75.0	70.3	66.8	62.0	61.6	62.0	58.9	73.1
Production value	Mill. dol.	4,021	3,893	4,776	4,540	4,439	4,287	4,346	4,446	4,281	5,315

¹ Excludes commercial broilers. ² As of December 1. ³ Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 lbs. live weight and from which no pullets are kept for egg production.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Poultry Production and Value Final Estimates 1998-2002*, April 2004; *Turkeys Final Estimates 1998-2002*, April 2004; *Chickens and Eggs Final Estimates 1998-2002*, April 2004; *Poultry—Production and Value*, annual; *Turkeys*, annual; and *Chickens and Eggs*, annual.

No. 840. Broiler and Turkey Production by State: 2001 to 2003

[In millions of pounds, liveweight production (42,452 represents 42,452,000,000)]

State	Broilers			Turkeys			State	Broilers			Turkeys		
	2001	2002	2003	2001	2002	2003		2001	2002	2003	2001	2002	2003
U.S. ¹	42,452	44,059	43,958	7,173	7,495	7,549	MS	3,827	4,078	4,189	(NA)	(NA)	(NA)
AL	5,139	5,362	5,405	(NA)	(NA)	(NA)	MO	(NA)	(NA)	(NA)	660	783	816
AR	5,737	5,813	5,843	473	522	477	NC	4,203	4,411	4,320	1,131	1,160	1,105
CA	(NA)	(NA)	(NA)	451	439	419	ND	(NA)	(NA)	(NA)	42	50	29
DE	1,495	1,544	1,507	(Z)	(Z)	(NA)	OH	213	215	226	181	219	212
FL	634	631	511	(NA)	(NA)	(NA)	OK	1,111	1,141	1,115	(NA)	(NA)	(NA)
GA	6,237	6,453	6,303	(NA)	(NA)	(NA)	PA	701	706	687	214	234	216
IL	(NA)	(NA)	(NA)	83	90	90	SC	1,049	1,080	1,145	326	369	494
IN	(NA)	(NA)	(NA)	399	403	397	SD	(NA)	(NA)	(NA)	166	159	153
IA	(NA)	(NA)	(NA)	235	261	268	TN	932	895	948	(NA)	(NA)	(NA)
KY	1,292	1,404	1,490	(NA)	(NA)	(NA)	TX	2,714	2,882	2,947	(NA)	(NA)	(NA)
MD	1,381	1,377	1,374	15	16	15	VA	1,330	1,301	1,299	530	446	492
MI	(NA)	(NA)	(NA)	162	180	191	WV	368	359	358	91	89	92
MN	220	230	229	1,100	1,148	1,215	WI	138	145	155	(NA)	(NA)	(NA)

NA Not available. Z Less than 500,000 pounds. ¹ Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Poultry—Production and Value Final Estimates 1998-2002*, April 2004 and *Poultry—Production and Value*, annual.