

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

Table 9-1.—Economic trends: Data relating to agriculture, United States, 1993–2002

Year	Prices paid by farmers ¹		Prices received by farmers ¹	Farm income ²		
	Total including interest, taxes, and wage rates	Production items		Gross farm income ⁶	Production expenses	Net farm income
	<i>Index numbers</i> 1990–92=100	<i>Index numbers</i> 1990–92=100	<i>Index numbers</i> 1990–92=100	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1993	103	104	101	205.0	160.4	44.7
1994	106	106	100	216.0	167.2	48.9
1995	109	108	102	210.9	171.2	39.7
1996	115	115	112	235.9	178.1	57.8
1997	118	119	107	238.3	187.1	51.3
1998	115	113	101	232.3	186.0	46.2
1999	115	111	96	234.5	187.7	46.8
2000	120	116	96	241.4	193.6	47.8
2001	124	120	102	248.4	197.8	50.6
2002	124	119	98	228.2	192.8	35.3

Year	National income ³	Personal income ³	Industrial production ⁴	Consumer prices all items ⁵	Producer prices consumer foods ⁵
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers</i> 1997=100	<i>Index numbers</i> 1982–84=100	<i>Index numbers</i> 1982=100
1993	5,773.4	5,558.0	80.8	144.5	125.7
1994	6,122.3	5,842.5	85.2	148.2	126.8
1995	6,453.9	6,152.3	89.3	152.4	129.0
1996	6,840.1	6,520.6	93.2	156.9	133.6
1997	7,292.2	6,915.1	100.0	160.5	134.5
1998	7,752.8	7,423.0	105.9	163.0	134.3
1999	8,236.7	7,802.4	110.6	166.6	135.1
2000	8,795.2	8,429.7	115.4	172.2	137.2
2001	8,981.2	8,713.1	111.5	177.1	141.3
2002	9,290.8	8,910.3	110.9	179.9	140.1

¹ U.S. Department of Agriculture - NASS. ² U.S. Department of Agriculture - ERS. ³ U.S. Department of Commerce, Bureau of Economic Analysis. ⁴ Federal Reserve Board. ⁵ U.S. Department of Labor, Bureau of Labor Statistics.

⁶ Includes cash receipts from farm marketings, government payments, nonmoney income (gross rental value of dwelling and value of home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories.

ERS, Farm Structure Performance and Well Being Branch, (202) 694–5592. E mail contact is roger@ERS.USDA.gov. For National Income, Industrial Production and Price Indexes, Contact David Torgerson at (202) 694-5334. E mail contact is dtorg@ers.usda.gov.

Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1994–2003¹

Year	Farms ^{2 3}		Land in farms	Average size farm
	<i>Number</i>		<i>1,000 acres</i>	<i>Acres</i>
1994	2,197,690		965,935	440
1995	2,196,400		962,515	438
1996	2,190,500		958,675	438
1997	2,190,510		956,010	436
1998	2,192,330		952,080	434
1999	2,187,280		948,460	434
2000	2,166,780		945,080	436
2001	2,148,630		942,070	438
2002	2,135,360		940,300	440
2003 ⁴	2,126,860		938,750	441

¹The farm definition was changed in 1993 to include maple syrup, short rotation woody crops, and places with 5 or more horses. ²A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. ³Includes some accounting for individual farms on reservation land in AZ and NM from 1998 forward. ⁴Preliminary.

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Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic sales class, United States, 2002–2003

Economic sales class	Percent of total				Average size farm	
	Farms		Land		2002	2003 ¹
	2002	2003 ¹	2002	2003 ¹		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000–\$2,499	27.3	27.0	4.5	4.3	73	70
\$2,500–\$4,999	15.0	15.2	4.1	4.0	120	116
\$5,000–\$9,999	13.7	14.0	4.9	4.9	157	154
\$10,000–\$24,999	11.5	11.4	7.6	7.5	291	290
\$25,000–\$49,999	8.7	8.6	9.7	9.8	491	503
\$50,000–\$99,999	8.4	8.3	11.5	11.5	603	612
\$100,000–\$249,999	7.9	7.9	20.9	20.9	1,165	1,168
\$250,000–\$499,999	4.1	4.1	15.8	16.0	1,697	1,722
\$500,000–\$999,999	2.2	2.1	11.5	10.5	2,302	2,207
\$1,000,000+	1.2	1.4	9.5	10.6	3,486	3,342
Total	100.0	100.0	100.0	100.0	440	441

¹ Preliminary.

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Table 9-4.—Number of farms: Economic sales class by region and United States, 2001–2003¹

Region and year	Economic Sales Class					Total
	\$1,000–\$9,999	\$10,000–\$99,999	\$100,000–\$249,999	\$250,000–\$499,999	\$500, & over	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
NE: ²						
2001	76,920	35,800	12,780	4,870	3,610	133,980
2002	79,440	33,360	12,540	4,780	3,330	133,450
2003	79,640	33,510	12,290	4,680	3,230	133,350
NC: ³						
2001	347,500	279,700	102,700	45,900	27,400	803,200
2002	354,400	270,600	97,100	46,000	28,000	796,100
2003	353,100	266,500	96,300	46,700	28,200	790,800
South: ⁴						
2001	602,620	219,670	36,190	24,270	25,950	908,700
2002	605,020	214,750	35,100	23,710	25,620	904,200
2003	604,650	214,720	34,900	23,260	25,370	902,900
West: ⁵						
2001	162,880	86,320	24,620	12,360	16,570	302,750
2002	162,980	85,860	24,080	12,060	16,630	301,610
2003	161,880	85,800	23,740	11,910	16,480	299,810
US:						
2001	1,189,920	621,490	176,290	87,400	73,530	2,148,630
2002	1,201,840	604,570	168,820	86,550	73,580	2,135,360
2003	1,199,270	600,530	167,230	86,550	73,280	2,126,860

¹ Number of farms estimated for 3 sales classes above \$100,000 beginning in 2002 and set back to 1998 with the 5-year Census revision review. ² CT, ME, MA, NH, NJ, NY, PA, RI, and VT. ³ IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI. ⁴ AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. ⁵ AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY.

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Table 9-5.—Land in farms: Economic sales class by region and United States, 2001–2003

Region and year	Economic Sales Class ¹					Total
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & over	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
NE: ²						
2001	5,850	5,735	3,555	2,185	2,875	20,200
2002	5,860	5,505	3,795	2,185	2,855	20,200
2003	5,870	5,555	3,765	2,135	2,855	20,180
NC: ³						
2001	34,780	97,970	89,280	66,990	60,780	349,800
2002	34,930	95,250	88,220	67,530	63,270	349,200
2003	34,740	93,940	88,060	68,260	63,730	348,730
South: ⁴						
2001	63,500	93,670	42,300	32,280	50,970	282,720
2002	64,145	92,920	42,640	31,825	50,520	282,050
2003	62,700	93,380	42,700	32,230	50,590	281,600
West: ⁵						
2001	22,960	77,520	61,930	47,150	79,790	289,350
2002	21,690	77,480	61,650	47,630	80,400	288,850
2003	21,470	77,180	61,620	47,510	80,460	288,240
US:						
2001	127,090	274,895	197,065	148,605	194,415	942,070
2002	126,625	271,155	196,305	149,170	197,045	940,300
2003	124,780	270,055	196,145	150,135	197,635	938,750

¹ Number of farms estimated for 3 sales classes above \$100,000 beginning in 2002 and set back to 1998 with the 5-year Census revision review. ² CT, ME, MA, NH, NJ, NY, PA, RI, and VT. ³ IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI. ⁴ AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. ⁵ AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY.

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Table 9-6.—Land in farms: Classification by tenure of operator, United States, 1910–2002

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1910	878,798,325	52.9	15.2	6.1	25.8
1920	958,676,612	48.3	18.4	5.7	27.7
1925	924,319,352	45.4	21.3	4.7	28.7
1930 ¹	990,111,984	37.6	24.9	6.4	31.0
1935	1,054,515,111	37.1	25.2	5.8	31.9
1940 ¹	1,065,113,774	35.9	28.2	6.5	29.4
1945	1,141,615,364	36.1	32.5	9.3	22.0
1950 ¹	1,161,419,720	36.1	36.4	9.2	18.3
1954	1,158,191,511	34.2	40.7	8.6	16.5
1959 ¹	1,123,507,574	31.0	44.0	9.8	14.8
1964 ¹	1,110,187,000	28.7	48.0	10.2	13.1
1969 ¹	1,062,892,501	35.3	51.8	.....	13.0
1974 ¹	1,017,030,357	35.3	52.6	.....	12.0
1978 ¹	1,014,777,234	32.7	55.3	.....	12.0
1982 ¹	986,796,579	34.7	53.8	.....	11.5
1987 ¹	964,470,625	32.9	53.9	.....	13.2
1992 ¹	945,531,506	31.3	55.7	.....	13.0
1997 ²	932,475,414	26.7	62.2	.....	11.2
1998 ²	900,415,615	28.6	60.2	.....	11.2
1999 ²	870,720,495	25.6	61.6	.....	12.8
2000 ²	994,997,682	26.4	62.3	.....	11.4
2001 ²	959,163,331	24.7	61.2	.....	14.2
2002 ²	954,302,543	29.4	56.6	.....	14.0

¹ Includes Alaska and Hawaii. ² Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694-5575. Data for 1910–1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997–2002 is from ERS Agricultural Resource Management Survey.

Table 9-7.—Farms: Classification by tenure of operator, United States, 1910–2002

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
		<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1910	6,365,822	52.7	9.3	0.9	37.0
1920	6,453,991	52.2	8.7	1.1	38.1
1925	6,371,640	52.0	8.7	0.6	38.6
1930 ¹	6,295,103	46.3	10.4	0.9	42.4
1935	6,812,350	47.1	10.1	0.7	42.1
1940 ¹	6,102,417	50.6	10.1	0.6	38.8
1945	5,859,169	56.4	11.3	0.7	31.7
1950 ¹	5,388,437	57.4	15.3	0.4	26.9
1954	4,783,021	57.4	18.2	0.4	24.0
1959 ¹	3,710,503	57.1	21.9	0.6	20.5
1964 ¹	3,157,857	57.6	24.8	0.6	17.1
1969 ¹	2,730,250	62.5	24.6	.....	12.9
1974 ¹	2,314,013	61.5	27.2	.....	11.3
1978 ¹	2,257,775	57.5	30.2	.....	12.3
1982 ¹	2,240,976	59.2	29.3	.....	11.6
1987 ¹	2,087,759	59.3	29.2	.....	11.5
1992 ¹	1,925,300	57.7	31.0	.....	11.3
1997 ²	2,049,384	55.3	35.4	.....	9.3
1998 ²	2,054,709	56.5	33.9	.....	9.6
1999 ²	2,186,950	58.3	33.9	.....	7.8
2000 ²	2,166,060	57.7	34.1	.....	8.2
2001 ²	2,149,683	57.2	34.9	.....	8.0
2002 ²	2,152,412	65.9	26.7	.....	7.3

¹ Includes Alaska and Hawaii. ² Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694–5575. Data for 1910-1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997-2002 is from ERS Agricultural Resource Management Survey.

Table 9-8.—Farms: Classification by Tenants and Part Owners, United States, 1900–97

Year	Land in farms	Land rented by operators ¹			Percentage of land rented
		Tenants	Part-owners	Total	
		<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>		Percent
1900	841.8	195.1	271.1	266.2	31.6
1910	878.8	225.5	351.3	277.8	31.6
1920	958.7	265.0	554.7	319.7	33.3
1925	924.3	264.9	96.3	361.2	39.0
1930	990.1	307.3	125.2	432.5	43.6
1935	1,054.5	336.8	134.3	471.1	44.6
1940	1,165.1	313.2	155.9	469.1	44.0
1945	1,141.6	251.6	178.9	430.5	37.7
1950	1,161.4	212.2	196.2	408.4	35.2
1954	1,158.2	192.6	212.3	404.9	34.9
1959	1,123.0	166.8	234.1	400.9	35.7
1964	1,110.2	144.9	248.1	393.0	35.4
1969	1,063.3	137.6	241.8	379.4	35.7
1974	1,017.0	122.3	258.4	380.7	37.4
1978	1,029.7	124.1	285.3	406.3	39.4
1982	986.2	113.6	269.9	383.5	38.9
1987	964.5	126.9	275.4	402.3	41.7
1992	945.5	122.7	282.2	404.9	42.8
1997	931.8	108.1	270.0	378.1	40.6

¹ Columns 3, 4, and 5 refer only to land rented from others and operated, so subleased land is not included. Numbers of land rented are comparable in the same year, but definitions change over time. Basic sources are 1969 Census of Agriculture, table 5, p.14; 1974 Census of Agriculture, table 3, pp.1-6; 1978 Census of Agriculture, vol. 1, part 51, table 5, pp. 124-127; 1982 Census of Agriculture, vol. 1, part 51, table 48, p. 49; 1987 Census of Agriculture vol. 1 part 51, table 48, p.49; 1992 Census of Agriculture vol. 1, part 51, table 46, p.53; 1997 Census of Agriculture, vol. 1, part 51, chapter 1, table 46, p. 57; and earlier census volumes as noted. ²Sum of part owners and owner/tenant, 1900 Census of Agriculture, table 20, pp.308. ³Assumes land leased by part-owners is the difference between the average size of full-owner and part-owner farms. Acreage leased by part-owners is this difference times the number of part-owners. 1910 Census of Agriculture, chapter 11, table 1 and 3, pp.97-99. ⁴1920 Census of Agriculture, vol. VI, part 1, table 5, p.19. ⁵Assumes same proportion of owner and part-owner as in 1910. ⁶1964 Census of Agriculture, vol. II, chapter 8, p.757.

ERS, Resource Economics Division, (202) 694–5572. Data from the Census of Agriculture, National Agricultural Statistics Service and Economic Research Service.

Table 9-9.—Farms: Number and land in farms, by States, 2001, 2002 and 2003

State	Farms ¹			Land in farms		
	2001	2002	2003 ²	2001	2002	2003 ²
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
AL	46,000	45,000	45,000	8,900	8,900	8,900
AK	600	610	610	900	900	900
AZ	10,400	10,300	10,300	26,700	26,600	26,500
AR	48,000	47,500	47,500	14,600	14,500	14,400
CA	81,000	79,700	78,500	27,800	27,600	27,100
CO	30,900	31,400	31,400	31,400	31,100	31,000
CT	4,200	4,200	4,200	360	360	360
DE	2,500	2,400	2,300	550	540	530
FL	44,000	44,000	44,000	10,300	10,300	10,200
GA	49,200	49,300	49,300	10,850	10,800	10,800
HI	5,500	5,500	5,500	1,350	1,300	1,300
ID	24,500	25,000	25,000	11,800	11,800	11,800
IL	75,000	73,000	73,000	27,500	27,500	27,500
IN	62,100	60,300	59,500	15,100	15,100	15,040
IA	92,000	90,600	90,000	32,000	31,800	31,700
KS	64,500	64,500	64,500	47,300	47,300	47,200
KY	88,000	87,000	87,000	13,800	13,800	13,800
LA	28,000	27,500	27,200	7,910	7,900	7,850
ME	7,150	7,200	7,200	1,350	1,370	1,370
MD	12,300	12,200	12,100	2,100	2,080	2,060
MA	6,100	6,100	6,100	520	520	520
MI	53,000	53,300	53,300	10,120	10,090	10,090
MN	81,000	80,900	80,000	27,800	27,800	27,700
MS	42,000	42,200	42,800	11,130	11,110	11,110
MO	108,000	107,000	106,000	30,200	30,200	30,200
MT	27,800	27,900	28,000	59,600	59,800	60,100
NE	50,000	49,400	48,500	46,000	45,900	45,900
NV	3,050	3,000	3,000	6,300	6,300	6,300
NH	3,300	3,400	3,400	440	450	450
NJ	9,800	9,900	9,900	830	820	820
NM	17,800	17,700	17,500	44,800	44,800	44,700
NY	37,500	37,000	37,000	7,660	7,660	7,650
NC	55,000	54,200	53,500	9,120	9,100	9,100
ND	30,600	30,500	30,300	39,400	39,400	39,400
OH	78,000	77,800	77,600	14,680	14,610	14,600
OK	84,000	83,500	83,500	33,800	33,700	33,700
OR	40,000	40,000	40,000	17,200	17,200	17,200
PA	58,500	58,200	58,200	7,710	7,700	7,700
RI	830	850	850	60	60	60
SC	24,400	24,500	24,400	4,880	4,850	4,850
SD	32,000	31,800	31,600	43,900	43,800	43,800
TN	88,000	87,500	87,000	11,800	11,700	11,600
TX	228,600	229,000	229,000	130,700	130,500	130,500
UT	15,500	15,300	15,300	11,600	11,600	11,600
VT	6,600	6,600	6,500	1,270	1,260	1,250
VA	47,900	47,600	47,500	8,680	8,670	8,600
WA	36,500	36,000	35,500	15,400	15,350	15,300
WV	20,800	20,800	20,800	3,600	3,600	3,600
WI	77,000	77,000	76,500	15,800	15,700	15,600
WY	9,200	9,200	9,200	34,500	34,500	34,440
US	2,148,630	2,135,360	2,126,860	942,070	940,300	938,750

¹ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. ² Preliminary.

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Table 9-10.—Land: Utilization, by States, 1997

State	Cropland			Grassland pasture ²	Forest land ³	Special use areas ⁴	Other land ⁵	Total land area ⁶
	Used for crops ¹	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	2,298	533	1,639	1,860	21,911	1,423	2,815	32,480
AK	34	26	8	1,226	87,936	143,013	132,796	365,039
AZ	951	187	116	40,509	16,306	10,092	4,571	72,731
AR	7,635	413	2,034	2,006	18,392	1,450	1,398	33,328
CA	8,675	706	1,246	22,343	32,579	20,996	13,277	99,823
CO	8,899	1,780	76	27,867	18,781	5,699	2,623	66,386
CT	131	8	27	30	1,682	299	923	3,101
DE	434	7	11	8	376	102	313	1,251
DC	0	0	0	0	0	0	39	39
FL	2,465	288	896	5,455	14,605	4,676	6,172	34,558
GA	5,000	733	1,395	1,336	23,004	1,854	3,544	37,068
HI	101	150	42	961	1,189	769	898	4,111
ID	4,197	753	816	21,165	17,123	5,266	3,641	52,961
IL	23,140	932	853	1,559	4,058	1,901	3,137	35,580
IN	12,516	516	658	1,158	4,342	1,102	2,666	22,957
IA	24,259	1,578	2,074	1,477	1,944	1,550	2,878	35,760
KS	26,955	2,964	3,789	12,560	1,492	1,620	2,987	52,367
KY	4,889	766	3,205	1,491	12,348	996	1,733	25,429
LA	4,053	563	869	1,582	13,691	1,395	5,729	27,882
ME	324	77	65	37	16,952	520	1,778	19,753
MD	1,344	62	149	208	2,424	731	1,338	6,256
MA	160	12	39	35	2,675	553	1,542	5,016
MI	7,098	705	500	1,606	18,667	2,468	5,313	36,358
MN	20,090	1,707	1,041	1,544	14,820	4,398	7,353	50,954
MS	4,602	677	1,184	1,946	18,589	848	2,179	30,025
MO	12,956	1,645	5,413	6,010	13,411	1,740	2,921	44,095
MT	14,527	2,374	1,672	46,039	19,165	6,414	2,965	93,156
NE	20,314	1,299	1,942	21,828	797	1,423	1,599	49,202
NV	546	56	265	46,278	8,199	5,176	9,204	70,275
NH	84	6	22	40	4,551	317	720	5,740
NJ	526	40	68	29	1,507	728	1,850	4,748
NM	1,313	474	639	52,188	14,084	6,360	2,615	77,773
NY	3,162	317	633	1,314	15,405	3,810	5,581	30,223
NC	4,487	476	927	814	18,638	2,264	3,574	31,180
ND	24,460	2,858	1,500	11,329	441	1,489	2,079	44,156
OH	10,576	556	895	1,376	7,567	1,153	4,087	26,209
OK	9,793	1,184	5,360	17,314	6,233	1,477	2,593	43,954
OR	3,853	566	919	22,395	26,664	3,593	3,450	61,441
PA	4,187	299	695	910	15,852	2,379	4,364	28,685
RI	22	2	6	3	356	61	220	669
SC	1,660	335	538	465	12,418	1,032	2,824	19,271
SD	17,313	1,909	2,542	22,594	1,588	1,575	1,051	48,573
TN	4,307	596	2,587	1,123	13,265	2,203	2,298	26,390
TX	22,613	5,092	12,335	98,059	11,767	5,363	12,396	167,625
UT	1,252	234	558	23,737	13,832	5,058	7,916	52,588
VT	342	10	132	212	4,462	337	425	5,920
VA	2,572	242	1,526	1,533	15,345	1,468	2,657	25,343
WA	6,854	1,018	528	7,406	17,418	6,639	2,749	42,612
WV	664	50	697	481	11,899	699	925	15,415
WI	7,803	799	959	1,844	15,701	2,182	5,472	34,761
WY	2,064	257	759	44,873	5,085	6,332	2,777	62,147
US	348,701	38,839	67,512	580,165	641,536	285,544	300,957	2,263,254

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴ Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes. ⁵ Miscellaneous areas such as marshes, open swamps, bare rock areas, and deserts, including urban and other special uses not inventoried. ⁶ Approximate land area as established by the Bureau of the Census in conjunction with the 1990 Census of Population.

ERS, Resource Economics Division, (202) 694-5528. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

Table 9-11.—Land in farms: ¹ Irrigated land, by States, 1959–97

State	1959	1964	1969	1974	1978 ²	1982	1987	1992	1997
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	17	12	11	14	59	66	84	82	77
AK		(³)	1	1	1	1	2	2	3
AZ	1,152	1,125	1,178	1,153	1,196	1,098	914	956	1,014
AR	712	974	1,010	949	1,683	2,022	2,406	2,702	3,717
CA	7,396	7,599	7,240	7,749	8,506	8,461	7,596	7,571	8,713
CO	2,685	2,690	2,895	2,874	3,431	3,201	3,014	3,170	3,430
CT	5	14	9	7	7	7	7	6	7
DE	16	18	20	20	34	44	61	62	73
FL	414	1,217	1,365	1,559	1,980	1,585	1,623	1,783	1,862
GA	34	64	79	112	463	575	640	725	749
HI	141	144	146	142	159	146	149	134	77
ID	2,577	2,802	2,761	2,859	3,475	3,450	3,219	3,260	3,494
IL	10	14	51	54	130	166	208	328	350
IN	17	17	34	33	75	132	170	241	250
IA	18	22	21	39	101	91	92	116	125
KS	762	1,004	1,522	2,010	2,686	2,675	2,463	2,680	2,707
KY	9	14	20	11	14	23	38	28	58
LA	485	581	702	702	681	694	647	898	943
ME	2	4	6	6	7	6	6	10	22
MD	11	16	22	23	28	39	51	57	69
MA	20	24	19	19	17	17	20	20	25
MI	40	49	77	97	226	286	315	366	393
MN	15	18	36	78	272	315	354	370	380
MS	100	123	150	162	309	431	637	883	1,076
MO	30	59	156	150	320	403	535	709	882
MT	1,875	1,893	1,841	1,759	2,070	2,023	1,997	1,978	1,994
NE	2,078	2,169	2,857	3,967	5,683	6,039	5,682	6,312	6,999
NV	543	825	753	778	881	830	779	556	765
NH	1	3	2	2	2	1	3	2	3
NJ	74	96	72	89	77	83	91	80	93
NM	732	813	823	867	891	807	718	738	805
NY	58	79	55	55	56	52	51	47	69
NC	66	97	59	51	90	81	138	113	156
ND	48	51	63	71	141	163	168	187	180
OH	12	17	22	22	25	28	32	29	34
OK	198	302	524	515	602	492	478	512	506
OR	1,384	1,608	1,519	1,561	1,881	1,808	1,648	1,622	1,949
PA	17	23	19	18	15	18	30	23	36
RI	(³)	1	2	2	3	2	4	3	3
SC	25	19	15	10	32	81	81	76	86
SD	116	130	148	152	335	376	362	371	344
TN	11	11	12	10	13	18	38	37	46
TX	5,656	6,385	6,888	6,594	6,947	5,576	4,271	4,912	5,425
UT	1,062	1,092	1,025	970	1,169	1,082	1,161	1,143	1,212
VT	2	2	(³)	1	1	1	2	2	3
VA	31	51	37	28	42	43	79	62	85
WA	1,007	1,150	1,224	1,309	1,639	1,638	1,519	1,641	1,705
WV	1	2	3	2	1	1	3	3	3
WI	32	62	106	128	235	259	285	331	342
WY	1,470	1,571	1,523	1,460	1,662	1,565	1,518	1,465	1,719
US	33,164	37,057	39,122	41,243	50,350	49,002	46,386	49,404	55,058
PR	76	89	91	70	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
VI	(³)	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Total	33,240	37,145	39,213	41,313	50,350	49,002	46,386	49,404	55,058

¹Data may not add because of rounding. ²Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. ³Less than 500 acres. ⁴Not available. Note: Data from the Census of Agriculture, U.S. Department of Commerce. Beginning in 1997 Census of Agriculture, U.S. Department of Agriculture.

Table 9-12.—Farm real estate: Value of farmland and buildings, by State, 1999–2003¹

State	Total value of land and buildings				
	Jan. 1, 1999	Jan. 1, 2000	Jan. 1, 2001	Jan. 1, 2002	Jan. 1, 2003
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
AL	14,100	14,444	14,760	15,130	15,664
AZ ²	10,161	10,280	10,596	11,014	11,275
AR	17,934	18,899	19,710	20,586	21,460
CA	79,800	84,300	89,600	94,520	99,360
CO	20,286	20,735	21,330	21,980	22,703
CT	2,470	2,609	2,772	3,060	3,420
DE	1,682	1,796	1,904	2,035	2,160
FL	24,675	26,250	27,040	28,016	29,870
GA	18,012	19,250	20,710	22,243	23,760
ID	13,080	13,685	14,280	14,632	15,104
IL	61,494	62,376	62,975	64,625	66,825
IN	33,852	34,804	35,720	37,146	38,807
IA	57,904	59,040	60,125	61,440	63,918
KS	28,500	29,688	30,638	31,455	32,401
KY	21,390	22,440	23,975	25,254	26,220
LA	10,414	10,650	11,081	11,390	11,850
ME	1,677	1,848	2,025	2,160	2,398
MD	7,194	7,776	8,094	8,400	8,632
MA	3,132	3,510	3,942	4,212	4,836
MI	19,410	21,297	23,142	24,996	27,041
MN	35,464	37,224	39,060	41,700	44,480
MS	12,701	13,464	14,173	14,803	15,554
MO	34,673	37,146	39,260	41,676	44,394
MT	18,290	19,536	20,755	22,052	23,322
NE	31,320	32,873	33,884	34,960	35,573
NV ²	2,589	2,622	2,654	2,640	2,671
NH	989	1,056	1,122	1,232	1,395
NJ	6,059	6,308	6,723	7,138	7,462
NM ²	9,098	9,553	10,027	10,521	11,040
NY	10,385	11,025	11,658	12,333	13,022
NC	21,034	22,785	24,683	26,448	28,210
ND	15,800	15,957	16,154	16,351	16,745
OH	32,587	34,601	36,482	38,168	40,031
OK	21,188	21,696	22,139	22,984	23,759
OR	17,300	18,165	19,030	19,780	20,640
PA	19,942	21,476	23,070	25,058	26,565
RI	414	438	462	498	558
SC	7,952	8,398	8,838	9,272	9,943
SD	15,840	16,720	17,820	18,877	20,148
TN	23,205	24,990	25,960	27,140	28,080
TX	84,096	89,148	95,557	101,293	105,705
UT ²	6,954	7,290	7,844	8,326	8,771
VT	2,112	2,210	2,286	2,413	2,583
VA	18,200	19,468	20,730	21,960	23,409
WA	18,840	19,563	20,215	21,406	22,718
WV	4,255	4,356	4,572	4,788	5,040
WI	23,635	27,540	31,200	33,970	36,110
WY	8,131	8,823	9,315	9,833	10,350
48 States	950,219	1,000,105	1,050,091	1,101,912	1,155,980

¹Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. ²Value of all land and buildings adjusted to include American Indian reservation land value.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-13.—Land utilization, United States, selected years, 1940–97

Major land uses	1940	1950	1959	1969	1978	1987	1992	1997
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
Cropland used for crops ¹	368	377	359	333	369	331	337	349
Idle cropland	31	32	33	51	26	68	56	39
Cropland used only for pasture	68	69	66	88	76	65	67	67
Grassland pasture ²	650	631	633	604	587	591	591	580
Forest land ³	608	601	728	723	703	648	648	642
Special uses ⁴ .....	.....	.....	147	174	203	335	340	351
Other land	179	194	305	291	301	227	224	235
Total land area⁵	1,904	1,904	2,271	2,264	2,265	2,265	2,263	2,263

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴ Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. ⁵ Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

ERS, Resource Economics Division, (202) 694-5528. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

Table 9-14.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 1999–2003

State	Mar. 1, 1970	Jan. 1, 1999	Jan. 1, 2000	Jan. 1, 2001	Jan. 1, 2002	Jan. 1, 2003
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	200	1,500	1,570	1,640	1,700	1,760
AZ ¹	70	1,070	1,150	1,250	1,400	1,500
AR	260	1,220	1,290	1,350	1,410	1,480
CA	479	2,800	3,000	3,200	3,400	3,600
CO	95	630	650	675	700	730
CT	921	6,500	7,050	7,700	8,500	9,500
DE	499	2,900	3,150	3,400	3,700	4,000
FL	355	2,350	2,500	2,600	2,720	2,900
GA	234	1,630	1,750	1,900	2,050	2,200
ID	177	1,090	1,150	1,200	1,240	1,280
IL	490	2,220	2,260	2,290	2,350	2,430
IN	406	2,170	2,260	2,350	2,460	2,570
IA	392	1,760	1,800	1,850	1,920	2,010
KS	159	600	625	645	665	685
KY	253	1,550	1,650	1,750	1,830	1,900
LA	321	1,270	1,310	1,380	1,440	1,500
ME	161	1,300	1,400	1,500	1,600	1,750
MD	640	3,300	3,600	3,800	4,000	4,150
MA	565	5,800	6,500	7,300	8,100	9,300
MI	326	1,890	2,090	2,280	2,470	2,680
MN	226	1,240	1,320	1,400	1,500	1,600
MS	234	1,120	1,200	1,270	1,330	1,400
MO	224	1,150	1,230	1,300	1,380	1,470
MT	60	310	330	350	370	390
NE	154	675	710	735	760	775
NV ¹	53	420	435	450	465	480
NH	239	2,300	2,400	2,550	2,800	3,100
NJ	1,092	7,300	7,600	8,100	8,600	9,100
NM ¹	42	220	230	240	250	260
NY	273	1,340	1,430	1,520	1,610	1,700
NC	333	2,240	2,450	2,680	2,900	3,100
ND	94	400	405	410	415	425
OH	399	2,190	2,330	2,470	2,600	2,740
OK	173	625	640	655	680	705
OR	150	1,000	1,050	1,100	1,150	1,200
PA	373	2,600	2,800	3,000	3,250	3,450
RI	734	6,900	7,300	7,700	8,300	9,300
SC	261	1,600	1,700	1,800	1,900	2,050
SD	84	360	380	405	430	460
TN	268	1,950	2,100	2,200	2,300	2,400
TX	148	640	680	730	775	810
UT ¹	92	855	900	975	1,040	1,100
VT	224	1,600	1,700	1,800	1,900	2,050
VA	286	2,080	2,230	2,380	2,530	2,700
WA	224	1,200	1,250	1,300	1,390	1,480
WV	136	1,150	1,210	1,270	1,330	1,400
WI	232	1,450	1,700	1,950	2,150	2,300
WY	41	235	255	270	285	300
48 States²	196	1,030	1,090	1,150	1,210	1,270

¹ Excludes American Reservation Land. ² Excludes Alaska and Hawaii.
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-15.—Land values, cropland and pasture: By State, 2002–2003

State	2002				2003			
	Cropland ¹	Irrigated cropland	Non-irrigated cropland	Pasture ²	Cropland ¹	Irrigated cropland	Non-irrigated cropland	Pasture ²
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
AL	1,600			1,300	1,700			1,350
AZ	5,600	5,600		450	6,000	6,000		470
AR	1,180	1,310	1,070	1,150	1,220	1,350	1,100	1,210
CA	5,730	6,100	1,930	1,400	5,920	6,300	2,000	1,500
CO	999	1,910	510	410	1,050	2,000	540	430
CT								
DE	3,500				3,850			
FL	3,730	4,330	2,460	1,950	3,690	4,180	2,670	2,100
GA	1,970	1,800	2,000	2,500	2,150	1,900	2,200	2,750
ID	1,600	2,080	760	700	1,680	2,200	780	700
IL	2,430			1,030	2,500			1,060
IN	2,440			1,560	2,550			1,660
IA	2,040			760	2,120			800
KS	679	1,080	640	400	684	1,080	645	410
KY	2,000			1,440	2,100			1,460
LA	1,190	1,050	1,230	1,270	1,240	1,070	1,280	1,310
ME								
MD	3,900			3,500	4,000			3,650
MA								
MI	2,150			1,450	2,350			1,600
MN	1,430			575	1,520			625
MS	1,100	1,190	1,080	1,130	1,160	1,230	1,140	1,200
MO	1,480	2,070	1,440	980	1,580	2,150	1,540	1,050
MT	503	1,510	360	255	520	1,580	370	270
NE	1,200	1,630	980	245	1,210	1,650	980	255
NV	1,850	1,850		250	1,900	1,900		255
NH								
NJ	9,000			9,700	9,300			10,000
NM	1,440	2,600	265	155	1,470	2,650	270	160
NY	1,320			680	1,390			720
NC	2,750			2,830	2,950			3,010
ND	450			165	460			170
OH	2,630			1,860	2,750			1,950
OK	643	805	635	435	668	820	660	450
OR	1,650	2,200	1,200	440	1,670	2,250	1,200	450
PA	3,350			1,800	3,500			1,850
RI								
SC	1,600			1,750	1,750			1,900
SD	626	950	620	210	681	1,000	675	220
TN	2,270			2,250	2,350			2,350
TX	871	950	850	600	937	1,000	920	620
UT	2,880	3,400	750	475	2,960	3,500	775	500
VT								
VA	2,550			2,100	2,800			2,250
WA	1,450	3,200	925	510	1,470	3,200	950	520
WV	1,920			1,120	2,050			1,200
WI	2,000			1,050	2,200			1,100
WY	915	1,100	295	210	957	1,150	310	220
Other States ..	5,240			3,590	5,920			3,880
US	1,590			579	1,670			607

¹ Other cropland States include CT, ME, MA, NH, RI, and VT. ² Other pasture States include CT, DE, ME, MA, NH, RI, and VT.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-16.—Cash rents, cropland and pasture: By State, 2002–2003

State	2002				2003			
	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	36.00			18.00	35.00			18.00
AZ	135.00	135.00			135.00	135.00		
AR	69.00	80.00	53.00		71.00	78.00	55.00	
CA		310.00		11.00		300.00		10.60
CO	65.00	95.00	22.50	4.00	60.00	93.00	23.00	3.50
CT								
DE	56.30				57.00			
FL			32.00	16.00			32.00	17.00
GA	55.00	103.00	39.00	23.00	56.00	105.00	40.00	23.00
ID	96.00	116.00	50.00		97.00	116.00		
IL	122.00			32.00	123.00			32.50
IN	101.00				103.00			
IA	120.00			30.50	122.00			31.00
KS	39.00	70.00	36.00	12.60	39.00	68.00	36.00	12.60
KY	68.00				70.00			
LA	62.00	73.00	57.00	16.00	62.00	68.00	59.00	15.00
ME								
MD	55.50				55.50			
MA								
MI	60.00				60.00			
MN	81.00			19.00	82.00			19.00
MS	62.00	79.00	54.00	17.00	63.00		56.00	16.00
MO			66.00	23.00			70.00	23.50
MT	24.00	47.00	18.50	4.70	24.00	48.00	18.50	4.50
NE	90.00	121.00	66.00	11.20	92.00	123.00	67.00	11.50
NV								
NH								
NJ	47.00				47.00			
NM				1.60				1.60
NY	35.00				37.00			
NC	49.50			21.50	51.00			22.00
ND	36.50			9.70	36.50			9.80
OH	77.00				78.00			
OK			27.00	8.50			27.50	8.50
OR	95.00	115.00	67.50		98.00	120.00	65.00	
PA	40.00			28.00	41.00			25.00
RI								
SC	28.50				28.50			
SD			42.00	10.90			45.00	11.00
TN	60.50			17.00	62.00			17.50
TX	27.00	53.00	21.00	7.40	27.30	55.00	21.00	7.80
UT		60.00		10.00		61.00		9.00
VT								
VA	36.00			16.00	36.50			16.50
WA		170.00				175.00		
WV	27.00				28.00			
WI	67.00			36.00	68.00			36.00
WY				3.80				3.50
48 Sts	71.60			9.20	73.00			9.00

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-17.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1993–2002¹

Item	1993	1994	1995	1996	1997
ASSETS					
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	677.6	704.1	740.5	769.5	808.2
Non-real estate:					
Livestock ²	72.8	67.9	57.8	60.3	67.1
Machinery and motor vehicles	85.4	86.8	87.6	88.0	88.7
Crops stored on and off farms ³	23.3	23.3	27.4	31.7	32.7
Purchased inputs	3.8	5.0	3.4	4.4	4.9
Financial assets: ⁴	46.3	47.6	49.1	49.0	49.7
Total ⁵	909.2	934.7	965.7	1,002.9	1,051.3
CLAIMS					
Liabilities:					
Real estate debt	68.4	69.9	71.7	74.4	78.5
Non-real estate debt to—					
Reporting institutions ⁶	52.1	54.3	55.6	57.2	60.4
Nonreporting creditors ⁷	13.8	14.7	15.7	16.9	18.0
Total liabilities ⁵	134.3	138.9	143.0	148.6	156.9
Proprietors' equity	774.9	795.8	822.8	854.3	894.4
Total ⁵	909.2	934.7	965.8	1,002.9	1,051.3
ASSETS					
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	840.4	887.0	946.4	996.2	1,045.7
Non-real estate:					
Livestock ²	63.4	73.2	76.8	73.5	75.6
Machinery and motor vehicles	89.8	89.8	90.1	92.8	93.6
Crops stored on and off farms ³	29.7	28.3	27.9	25.2	23.1
Purchased inputs	5.0	4.0	4.9	4.2	5.6
Financial assets: ⁴	54.8	56.5	57.1	58.9	60.4
Total ⁵	1,083.1	1,138.1	1,203.2	1,255.9	1,304.0
CLAIMS					
Liabilities:					
Real estate debt	83.1	87.2	91.1	96.1	103.4
Non-real estate debt to—					
Reporting institutions ⁶	62.8	61.1	65.7	68.4	68.1
Nonreporting creditors ⁷	18.7	19.4	20.8	21.3	21.9
Total liabilities ⁵	164.6	167.7	177.6	185.7	193.3
Proprietors' equity	918.5	971.1	1,025.6	1,070.2	1,110.7
Total ⁵	1,083.1	1,138.1	1,203.2	1,255.9	1,304.0

¹ Farms are defined as places with sales greater than \$1,000 annually. ² Horses and mules are excluded. ³ Excludes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans. ⁴ Includes farm share of currency and demand deposits. ⁵ Total of rounded data. ⁶ Loans of all operating banks, the Farm Credit System, and direct loans of the Farm Service Agency. ⁷ Loans and credits extended by dealers, merchants, finance companies, individuals, and others. ⁸ Preliminary.

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5586.

Table 9-18.—Farm labor: Number of workers on farms and average wage rates, United States, 1995–2004 ¹

Year	Total workers	Self-employed and unpaid workers ²	Ag service workers ³	Hired workers ^{3 4}	Hired workers ^{3 4}
	Number	Number	Number	Number	Wage rates
1995.					
Jan	2,460	1,691	140	629	6.73
Apr	2,857	1,821	214	822	6.49
July	3,672	2,258	348	1,066	6.44
Oct	3,383	2,127	302	954	6.58
Annual average		1,967.1	(⁵)	868.5	6.54
1996.					
Jan	2,462	1,749	115	598	6.89
Apr	2,906	1,919	207	780	6.76
July	(⁶)	(⁶)	331	1,015	6.55
Oct	(⁶)	(⁶)	291	935	6.97
Annual average		2,010	(⁵)	832	6.78
1997.					
Jan	(⁶)	(⁶)	131	624	7.20
Apr	(⁶)	(⁶)	207	808	7.03
July	(⁶)	(⁶)	340	1,069	6.88
Oct	(⁶)	(⁶)	283	1,004	7.31
Annual average		1,989.9	(⁵)	876.5	7.35
1998.					
Jan	(⁶)	(⁶)	141	661	7.61
Apr	(⁶)	(⁶)	202	803	7.49
July	(⁶)	(⁶)	379	1,071	7.25
Oct	(⁶)	(⁶)	263	983	7.60
Annual average		1,946.6	(⁵)	879.5	7.47
1999.					
Jan	(⁶)	(⁶)	157	705	7.94
Apr	(⁶)	(⁶)	160	867	7.83
July	(⁶)	(⁶)	319	1,155	7.58
Oct	(⁶)	(⁶)	290	989	7.83
Annual average		2,048.4	(⁵)	929	7.77
2000.					
Jan		(⁶)	172	685	8.10
Apr		(⁶)	217	840	8.09
July		(⁶)	203	1,084	7.93
Oct		(⁶)	288	952	8.29
Annual average		2,062.3	(⁵)	890.3	8.10
2001.					
Jan		(⁶)	165	691	8.66
Apr		(⁶)	215	804	8.31
July		(⁶)	335	1,039	8.29
Oct		(⁶)	262	991	8.59
Annual average		2,049.8	(⁵)	873.3	8.45
2002.					
Jan		(⁶)	183	707	8.97
Apr		(⁶)	189	890	8.83
July		(⁶)	256	1,006	8.57
Oct		(⁶)	271	940	8.95
Annual average		(⁶)	(⁵)	884.5	8.80
2003.					
Jan		(⁶)	160	729	9.34
Apr		(⁶)	157	781	9.16
July		(⁶)	320	943	8.88
Oct		(⁶)	306	891	9.05
Annual average		(⁶)	(⁵)	836	9.08
2004.					
Jan		(⁶)	180	667	9.41

¹ Beginning in July 1984, three surveys a year were conducted in the 48 contiguous States and Hawaii. In 1989, January was added to the survey program. Data are obtained from establishments for the week that includes the 12th. ² Includes farm operators and partners doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages. ³ Includes all persons doing farm work for pay during the survey week. ⁴ Excludes agricultural service workers. ⁵ Annual average not computed. ⁶ Discontinued.

Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions, 2003^{1 2}

State and region ³	Workers on farms	Farm wage rates			
	Hired	Type of worker			
		Field	Livestock	Field and livestock	All hired workers ⁴
	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>Jan. 12–18, 2003</i>					
Northeast I	32	10.02	8.36	9.12	10.03
Northeast II	23	9.16	8.34	8.83	9.83
Appalachian I	27	8.22	8.58	8.40	9.34
Appalachian II	32	7.34	7.87	7.60	7.98
Southeast	24	7.50	8.96	8.12	8.87
FL	70	7.80	8.30	7.87	8.81
Lake	45	10.51	9.44	9.65	10.54
Cornbelt I	23	9.68	8.64	9.01	9.72
Cornbelt II	20	9.24	9.01	9.08	9.50
Delta	18	8.56	7.89	8.30	8.63
N. Plains	23	9.18	9.43	9.37	10.00
S. Plains	50	8.13	8.51	8.29	8.85
Mountain I	10	8.51	8.17	8.25	8.53
Mountain II	20	9.15	8.73	8.85	9.66
Mountain III	22	6.92	8.22	7.48	8.12
Pacific	48	8.63	9.93	8.87	9.71
CA	235	8.22	10.10	8.46	9.44
HI	7	9.31	.....	9.36	11.04
US (49 States)	729	8.30	8.90	8.50	9.34
<i>Apr. 6–12, 2003</i>					
Northeast I	39	9.76	8.55	9.27	10.24
Northeast II	30	8.75	8.20	8.63	9.68
Appalachian I	29	8.18	8.37	8.24	8.77
Appalachian II	29	7.32	7.24	7.28	7.64
Southeast	27	7.58	8.78	8.07	8.71
FL	53	8.05	8.10	8.06	8.86
Lake	56	9.31	9.20	9.26	9.90
Cornbelt I	50	9.29	9.32	9.30	9.99
Cornbelt II	24	9.94	10.00	9.97	10.71
Delta	31	7.20	7.54	7.25	7.63
N. Plains	28	9.08	9.28	9.16	9.46
S. Plains	49	7.62	7.98	7.75	8.31
Mountain I	19	7.63	7.68	7.66	7.93
Mountain II	22	8.32	8.86	8.60	9.43
Mountain III	16	7.10	8.24	7.52	7.93
Pacific	52	8.82	9.28	8.90	9.34
CA	220	8.33	10.15	8.48	9.22
HI	7	9.58	.....	9.63	11.50
US (49 States)	781	8.40	8.75	8.49	9.16

See footnotes at end of table.

Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions^{1 2}, 2003—Continued

State and region ³	Workers on farms		Farm wage rates			
	Hired	Type of worker				All hired workers ⁴
		Field	Livestock	Field and livestock		
	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	
<i>July 6–12, 2003</i>						
Northeast I	53	8.77	8.10	8.54	9.54	
Northeast II	45	8.18	8.56	8.25	8.93	
Appalachian I	53	7.61	8.17	7.76	8.30	
Appalachian II	36	7.79	7.98	7.88	8.27	
Southeast	35	7.55	7.87	7.61	8.08	
FL	45	8.55	8.30	8.51	9.55	
Lake	62	8.34	8.95	8.55	9.36	
Cornbelt I	53	8.44	9.71	8.78	9.45	
Cornbelt II	23	9.60	8.87	9.31	9.51	
Delta	25	7.13	8.03	7.35	7.70	
No. Plains	37	7.89	8.79	8.15	8.52	
So. Plains	61	7.62	7.58	7.60	8.15	
Mountain I	31	7.27	7.41	7.34	7.63	
Mountain II	24	7.86	8.62	8.06	8.56	
Mountain III	18	7.11	8.41	7.55	8.07	
Pacific	110	8.03	10.95	8.32	8.74	
CA	*225	*8.43	*9.65	*8.55	*9.22	
HI	7	9.55	.....	9.55	11.25
US (49 States)	*943	*8.17	*8.57	*8.26	8.88	
<i>October 12–18, 2003</i>						
Northeast I	40	9.62	8.64	9.33	10.12	
Northeast II	34	8.79	8.27	8.66	9.59	
Appalachian I	45	8.19	7.92	8.10	8.66	
Appalachian II	38	7.56	8.12	7.70	8.04	
Southeast	38	7.90	7.84	7.88	8.26	
FL	49	8.55	7.95	8.48	9.53	
Lake	72	9.25	9.11	9.20	9.70	
Cornbelt I	45	8.76	9.67	8.91	9.34	
Cornbelt II	26	8.62	9.83	8.87	9.30	
Delta	31	7.01	7.15	7.05	7.48	
No. Plains	35	9.29	8.59	9.07	9.31	
So. Plains	54	7.12	7.70	7.39	8.01	
Mountain I	33	7.80	8.05	7.93	8.24	
Mountain II	20	8.11	8.12	8.11	8.97	
Mountain III	18	7.16	8.73	7.63	8.18	
Pacific	76	8.90	10.10	9.11	9.62	
CA	230	8.37	9.80	8.54	9.13	
HI	7	9.82	.....	9.88	11.56
US (49 States)	891	8.42	8.64	8.47	9.05	

¹ Excludes agricultural service workers. ² Includes all persons doing work for pay during the survey week. ³ Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA. ⁴ Includes field, livestock, supervisors, and other workers doing work for pay during the survey week. * Revised.

Table 9-20.—Farm production and output: Index numbers of total output, and production of livestock, crops, and secondary output, by groups, United States, 1990–1999
[1992=100]

Year	Livestock and products				
	Farm output	All livestock and products ¹	Meat animals ²	Dairy products ³	Poultry and eggs ⁴
1990	0.900	0.901	0.920	0.955	0.761
1991	0.906	0.920	0.929	0.955	0.794
1992	0.956	0.946	0.947	0.977	0.833
1993	0.911	0.957	0.952	0.976	0.869
1994	1.018	1.007	1.007	0.996	0.912
1995	0.965	1.022	1.029	1.008	0.947
1996	1.000	1.000	1.000	1.000	1.000
1997	1.044	1.034	1.033	1.014	1.022
1998	1.045	1.044	1.035	1.022	1.041
1999	1.065	1.076	1.066	1.058	1.087

Year	Crops				
	All crops	Cereal crops	Forage crops	Industrial crops ⁵	Vegetables and horticulture crops
1990	0.894	0.940	0.991	0.850	0.823
1991	0.885	0.834	1.019	0.992	0.848
1992	0.964	1.047	0.994	0.939	0.869
1993	0.868	0.791	0.981	0.849	0.909
1994	1.031	1.057	1.011	1.056	1.001
1995	0.920	0.833	1.014	0.932	0.961
1996	1.000	1.000	1.000	1.000	1.000
1997	1.043	1.005	1.040	1.104	1.015
1998	1.031	1.044	1.031	1.044	1.021
1999	1.035	1.003	1.076	1.034	1.061

Year	Crops	
	Fruits and nuts	Secondary output ⁶
1990	0.915	0.987
1991	0.907	1.047
1992	0.959	0.981
1993	1.016	1.012
1994	1.071	0.982
1995	0.996	1.050
1996	1.000	1.000
1997	1.184	1.149
1998	1.037	1.207
1999	1.129	1.289

¹ Includes wool, mohair, horses, mules, honey, beeswax, bees, goats, rabbits, aquaculture, and fur animals. These items are not included in the separate groups of livestock and products shown. ² Cattle and calves, sheep and lambs, and hogs. ³ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁴ Chicken eggs, commercial broilers, chickens, and turkeys. ⁵ Includes soybeans, peanuts harvested for nuts, sunflower seed, flaxseed, cottonseed, cotton lint, tobacco, sugar crops, forest products, legumes and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber. ⁶ These activities are defined as activities closely linked to agriculture for which information on production and input use cannot be separately observed.

ERS, Resources, Technology and Production Branch (202) 694-5601.

Table 9-21.—Hired farmworkers: Number of Workers and Median Weekly Earnings, 2001–2003¹

Characteristics	Workers			Median Weekly Earnings ²		
	2001	2002	2003 ³	2001	2002	2003 ³
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
All workers	878	745	793	280	300	300
15–19 years old	123	109	104	140	132	156
20–24 years old	104	87	130	280	280	280
25–34 years old	204	171	161	313	313	320
35–44 years old	208	189	182	300	342	338
45–54 years old	127	108	122	350	345	350
55 years old and older	111	81	94	270	360	315
Male	720	601	624	300	320	320
Female	158	144	169	246	248	270
White ³	414	366	413	320	320	315
Black and other races ³	56	38	47	270	314	310
Hispanic	408	341	333	280	300	300
Schooling completed						
Less than 5th grade	117	79	88	260	300	315
5th–8th grade	185	158	158	276	280	290
9th–12th grade (no diploma) ..	186	174	168	238	250	280
High school diploma	226	203	219	338	346	338
Beyond high school	164	131	160	385	400	346
Full-time (35 or more hours per week)	709	601	654	319	345	334
Part-time (less than 35 hours per week)	169	144	139	120	130	120

¹ Represents average number of persons 15 years old and over in the civilian noninstitutional population who were employed per week as hired farmworkers. Based on the Current Population Survey microdata earnings file. ² "Median weekly earnings" is the value that divides the earnings into two equal parts, one part having earnings above the median and the other part having earnings below the median. "Earnings" refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions. ³ Excludes persons of Hispanic origin.

ERS, Rural Economy Branch, (202) 694–5438.

Table 9-22.—Crops: Area, United States, 1994–2003

Year	Principal crops				Commercial vegetables, harvested area ⁵	Fruits and nuts, bearing area ⁶
	Area harvested			Area planted total ³		
	Feed grains ¹	Food grains ²	Total ³			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1994	92,071	65,493	307,905	323,699	3,484.9	3,748.4
1995	82,694	64,433	301,349	318,289	3,432.3	3,825.6
1996	93,817	65,968	313,202	333,682	3,371.8	3,919.2
1997	90,840	66,259	317,662	332,072	3,270.3	4,004.2
1998	88,918	62,677	311,475	329,970	3,303.6	4,024.9
1999	86,049	57,668	311,967	329,255	3,419.9	4,068.7
2000 ⁴	87,691	56,398	307,955	328,685	3,509.6	4,086.0
2001 ⁴	83,531	52,037	303,560	324,584	3,371.3	4,073.8
2002 ⁵	82,636	49,294	299,147	327,284	3,292.7	4,057.0
2003 ⁵	85,849	56,175	307,171	325,335	3,289.3	3,977.1

¹ Corn for grain, oats, barley, and sorghum for grain. ² Wheat, rye, and rice. ³ Crops included in area planted and area harvested are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, and sugarbeets. Harvested acreage for all hay, tobacco, and sugarcane are used in computing total area planted. ⁴ For the 2000 crop year many changes occurred to the National Vegetable Estimation Program. Nine new commodities were added to the program. Additionally, States were added or dropped from the seasonal program. Some States were discontinued for the seasonal forecasts but remained in the program on an annual basis. When comparing 2001 and 2000 data to 1999 data, comparable States should be used. ⁵ For the 2002 crop year, many changes occurred to the National Vegetable Estimation Program. Ten fresh market commodities and two processing commodities were removed from the program. States were removed from the program for certain commodities. When comparing 2000 and 2001 data to 2002 data, comparable States should be used. If you need assistance with these comparisons, please contact Biz Wallingsford at (202) 720-2157. For details on the 2002 program changes see the following website: <http://www.usda.gov/nass/events/programchg/vegprogchngs.htm>. ⁶ Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, Temples, grapefruit, lemons, limes, tangelos, and K-Early Citrus (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit, olives, avocados, papayas, dates, berries, guavas, cranberries, pineapples and strawberries; nuts—almonds, hazelnuts, macadamias, pistachios, and walnuts.

NASS, Crops Branch, (202) 720–2127.

Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003

Crop	Area harvested		Yield per harvested acre		
	2002	2003 ¹	Unit	2002	2003 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>			
Grains & Hay:					
Barley ²	4,123.0	4,688.0	Bushel	55.0	58.9
Corn for Grain	69,330.0	71,139.0	Bushel	129.3	142.2
Corn for Silage	7,122.0	6,528.0	Ton	14.4	16.2
Hay, All	63,942.0	63,342.0	Ton	2.34	2.48
Alfalfa	22,923.0	23,578.0	Ton	3.19	3.24
All Other	41,019.0	39,764.0	Ton	1.86	2.03
Oats ²	2,058.0	2,224.0	Bushel	56.4	65.0
Proso Millet	275.0	620.0	Bushel	13.3	18.5
Rice	3,207.0	2,997.0	Pound	6,578	6,645
Rye ²	263.0	339.0	Bushel	24.7	27.3
Sorghum for Grain	7,125.0	7,798.0	Bushel	50.6	52.7
Sorghum for Silage	408.0	343.0	Ton	9.6	10.4
Wheat, All ²	45,824.0	52,839.0	Bushel	35.0	44.2
Winter ²	29,742.0	36,541.0	Bushel	38.2	46.7
Durum	2,709.0	2,869.0	Bushel	29.5	33.7
Other Spring	13,373.0	13,429.0	Bushel	29.1	39.7
Oilseeds:					
Canola	1,281.0	1,068.0	Pound	1,197	1,416
Cottonseed			Ton		
Flaxseed	703.0	583.0	Bushel	16.9	17.9
Mustard Seed	175.0	107.0	Pound	655	723
Peanuts	1,291.7	1,312.0	Pound	2,571	3,159
Rapeseed	3.1	1.2	Pound	1,294	949
Safflower	185.0	212.0	Pound	1,435	1,286
Soybeans for Beans	72,497.0	72,321.0	Bushel	38.0	33.4
Sunflower	2,167.0	2,197.0	Pound	1,131	1,213
Cotton, Tobacco & Sugar Crops:					
Cotton, All	12,416.6	12,058.0	Pound	665	725
Upland	12,174.0	11,880.0	Pound	652	719
Amer-Pima	242.6	178.0	Pound	1,342	1,157
Sugarbeets	1,360.7	1,347.9	Ton	20.4	22.7
Sugarcane	1,023.2	996.8	Ton	34.7	34.5
Tobacco	428.3	416.2	Pound	2,043	1,997
Dry Beans, Peas & Lentils:					
Austrian Winter Peas	13.0	15.6	Pound	1,408	1,115
Dry Edible Beans	1,738.9	1,346.9	Pound	1,743	1,672
Dry Edible Peas	285.5	328.5	Pound	1,656	1,584
Lentils	215.0	237.0	Pound	1,196	1,030
Wrinkled Seed Peas			NA		
Potatoes & Misc.:					
Coffee (HI)	5.9	5.9	Pound	1,270	1,470
Ginger Root (HI)	0.3	0.2	Pound	45,000	37,500
Hops	29.3	28.7	Pound	1,990	1,903
Maple syrup			NA		
Mushrooms			NA		
Peppermint Oil	78.5	78.2	Pound	89	89
Potatoes, All	1,265.9	1,250.3	Cwt	362	367
Winter	15.7	14.3	Cwt	268	282
Spring	86.1	84.7	Cwt	261	288
Summer	58.9	59.3	Cwt	304	324
Fall	1,105.2	1,092.0	Cwt	374	377
Spearmint Oil	18.4	15.8	Pound	109	113
Sweet Potatoes	82.3	92.4	Cwt	156	172
Taro (HI)	0.4	0.4	Pound		

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—
Continued**

Crop	Production			Value of production ¹³	
	Unit	2002	2003 ¹	2002	2003 ¹
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Grains & Hay:					
Barley ²	Bushel	226,906	276,087	603,796	765,783
Corn for Grain	Bushel	8,966,787	10,113,887	20,974,734	24,803,566
Corn for Silage	Ton	102,293	105,864	.....	.....
Hay, All	Ton	149,467	157,123	12,450,234	12,330,971
Alfalfa	Ton	73,014	76,307	7,193,786	6,921,508
All Other	Ton	76,453	80,816	5,256,448	5,409,463
Oats ²	Bushel	116,002	144,649	216,127	217,962
Proso Millet	Bushel	3,668	11,450	19,882	32,888
Rice	Cwt	210,960	199,157	979,628	1,485,031
Rye ²	Bushel	6,488	9,254	23,511	27,389
Sorghum for Grain	Bushel	360,713	411,237	876,471	965,822
Sorghum for Silage	Ton	3,913	3,552	.....	.....
Wheat, All ²	Bushel	1,605,878	2,336,526	5,679,400	7,954,899
Winter ²	Bushel	1,137,001	1,707,069	3,835,339	5,574,444
Durum	Bushel	79,960	96,637	327,700	408,110
Other Spring	Bushel	388,917	532,820	1,516,361	1,972,345
Oilseeds:					
Canola	Pound	1,533,420	1,512,250	164,742	149,659
Canola Seed	Ton	6,183.9	6,694.0	616,352	.....
Flaxseed	Bushel	11,863	10,426	72,657	60,593
Mustard Seed	Pound	114,590	77,372	19,031	12,357
Peanuts	Pound	3,321,040	4,144,150	599,624	779,183
Rapeseed	Pound	4,010	1,139	440	125
Safflower	Pound	265,550	272,555	36,346	37,286
Soybeans for Beans	Bushel	2,756,147	2,417,565	15,214,595	17,465,394
Sunflower	Pound	2,451,247	2,665,226	299,638	312,594
Cotton, Tobacco & Sugar Crops:					
Cotton, All	Bale	17,208.6	18,224.0	3,777,132	5,581,619
Upland	Bale	16,530.3	17,795.0	3,497,123	5,345,209
Amer-Pima	Bale	678.3	429.0	280,009	236,410
Sugarbeets	Ton	27,707	30,605	1,089,287	.....
Sugarcane	Ton	35,553	34,368	1,007,142	.....
Tobacco	Pound	875,052	831,204	1,702,861	1,635,188
Dry Beans, Peas & Lentils:					
Austrian Winter Peas	Cwt	183	174	1,698	1,976
Dry Edible Beans	Cwt	30,312	22,515	513,793	411,930
Dry Edible Peas	Cwt	4,727	5,202	33,001	34,328
Lentils	Cwt	2,571	2,442	35,793	39,936
Wrinkled Seed Peas	Cwt	599	673	8,169	9,222
Potatoes & Misc.:					
Coffee (HI)	Pound	7,500	8,700	23,250	23,490
Ginger Root (HI)	Pound	14,400	6,000	4,320	3,600
Hops	Pound	58,336.6	54,565.1	111,546	103,727
Maple syrup ³	Gallons ...	1,475	1,239	38,389	.....
Mushrooms	Pound	844,590	844,288	907,799	889,325
Peppermint Oil	Pound	6,958	6,924	80,871	83,062
Potatoes, All	Cwt	458,171	459,045	3,063,597	2,679,902
Spearmint Oil	Pound	2,010	1,778	17,705	16,888
Sweet Potatoes	Cwt	12,799	15,921	214,625	331,446
Taro (HI)	Pound	6,100	5,000	3,294	2,700

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—
Continued**

Crop	Area harvested ⁴		Yield per harvested acre ⁵		
	2002	2003 ¹	Unit	2002	2003 ¹
	<i>Acres</i>	<i>Acres</i>			
Apples, commercial crop	401,700	395,350	Ton	10.60	11.40
Apricots	18,430	17,930	Ton	4.89	5.46
Avocados ⁶	64,650	.....	Ton	3.15	.....
Bananas	1,300	1,400	Ton	7.50	7.85
Blackberries (OR)	6,900	6,700	Ton	3.59	3.38
Blueberries .....	.....	.....	Ton .....	.....	.....
Cultivated	41,180	40,970	Ton	2.30	2.29
Wild (ME) .....	.....	.....	Ton .....	.....	.....
Boysenberries	1,410	1,300	Ton	1.88	1.81
Loganberries (OR)	60	60	Ton	2.17	1.84
Raspberries .....	.....	.....	Ton .....	.....	.....
Black (OR)	1,100	1,100	Ton	1.33	1.18
Red	11,800	11,500	Ton	3.58	3.31
All (CA)	2,400	2,500	Ton	6.10	6.20
Cherries, sweet	73,920	75,890	Ton	2.45	3.12
Cherries, tart	38,300	37,300	Ton	0.82	3.04
Cranberries	37,900	39,400	Ton	7.50	7.76
Dates (CA)	5,000	4,800	Ton	4.84	4.04
Figs (CA)	13,500	13,000	Ton	3.94	3.58
Grapes	948,650	953,100	Ton	7.74	6.80
Guava (HI)	550	.....	Ton	8.80	.....
Kiwifruit (CA)	4,500	4,500	Ton	5.80	5.27
Nectarines (CA)	36,500	36,500	Ton	8.22	7.62
Olives (CA)	36,000	36,000	Ton	2.86	3.28
Papayas (HI)	1,720	1,600	Ton	13.40	13.50
Peaches	153,170	150,170	Ton	8.40	8.40
Pears	63,615	63,150	Ton	13.70	14.60
Pineapples (HI)	19,100	16,000	Ton .....	.....	.....
Plums (CA)	36,000	36,000	Ton	5.58	5.89
Prunes, dried (CA)	74,000	72,000	Ton	7.02	7.93
Prunes and plums, fresh basis (excluding CA)	4,210	4,210	Ton	3.72	4.01
Strawberries	47,900	48,700	Ton	19.70	21.40
Oranges ⁷	795,400	793,500	Ton	15.60	14.50
Grapefruit ⁷	137,300	128,500	Ton	17.70	16.10
Lemons ⁷	64,300	63,800	Ton	12.50	16.10
Limes ⁷ (FL)	800	.....	Ton	8.75	.....
Tangerines ⁷	38,300	36,100	Ton	11.00	10.30
Tangelos ⁷ (FL)	9,700	9,100	Ton	10.00	11.60
Templets ⁷ (FL)	4,700	4,200	Ton	14.90	14.00
K-Early Citrus ⁷ (FL)	200	.....	Ton	5.00	.....
Almonds ⁸ (CA)	530,000	530,000	Ton	1.66	1.54
Hazelnuts (filberts) ⁸	30,000	30,000	Ton	0.65	1.17
Macadamia nuts ⁸ (HI)	17,800	17,800	Ton	1.49	1.44
Pecans ⁹ .....	.....	.....	Ton .....	.....	.....
Pistachios ⁸ (CA)	83,000	88,000	Ton	1.83	0.66
Walnuts ⁸ (CA)	200,000	205,000	Ton	1.41	1.59

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—Continued

Crop	Total production			Value of production ¹³	
	Unit	2002	2003 ¹	2002	2003 ¹
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Apples, commercial crop	Ton	4,262.7	4,507.3	1,572,202	1,729,949
Apricots	Ton	90.0	97.9	28,565	34,729
Avocados ⁶	Ton	203.4	.....	390,868	.....
Bananas ¹⁰	Ton	9.8	11.0	8,385	9,240
Blackberries (OR)	Ton	25.3	23.0	21,871	31,439
Blueberries	Ton .....	.....	.....	.....	.....
Cultivated	Ton	96.1	94.8	194,132	220,750
Wild (ME)	Ton	31.2	40.1	17,860	28,470
Boysenberries	Ton	2.7	2.4	3,482	4,053
Loganberries (OR)	Ton	0.1	0.1	210	213
Raspberries	Ton .....	.....	.....	.....	.....
Black (OR)	Ton	1.5	1.4	1,199	3,540
Red	Ton	42.2	38.3	44,477	43,816
All (CA)	Ton	14.6	15.5	40,851	64,480
Cherries, sweet	Ton	181.2	237.0	274,180	326,799
Cherries, tart	Ton	31.3	113.3	27,879	83,922
Cranberries	Ton	284.2	305.5	171,303	194,004
Dates (CA)	Ton	24.2	19.4	37,510	27,742
Figs (CA)	Ton	53.2	46.5	17,526	22,076
Grapes	Ton	7,339.0	6,477.9	2,841,993	2,534,264
Guava ¹⁰ (HI)	Ton	4.9	.....	1,455	.....
Kiwifruit (CA)	Ton	26.1	23.7	18,097	.....
Nectarines (CA)	Ton	300.0	278.0	114,600	121,208
Olives (CA)	Ton	103.0	118.0	58,983	50,305
Papayas ¹⁰ (HI)	Ton	23.0	21.5	11,924	13,491
Peaches	Ton	1,287.5	1,261.6	503,827	466,681
Pears	Ton	868.5	923.1	255,605	282,073
Pineapples ¹⁰ (HI)	Ton	320.0	315.0	100,616	102,849
Plums (CA)	Ton	201.0	212.0	77,586	88,616
Prunes, dried (CA)	Ton	519.2	570.6	132,030	177,530
Prunes and plums, fresh basis (excluding CA)	Ton	15.7	16.9	4,237	5,434
Strawberries ¹⁰	Ton	942.8	1,041.4	1,162,994	1,329,779
Oranges ^{7 10 11}	Ton	12,374	11,545	1,846,199	1,611,812
Grapefruit ^{7 10 11}	Ton	2,424	2,063	292,156	258,006
Lemons ^{7 10 11}	Ton	801	1,026	327,964	292,932
Limes ^{7 10 11} (FL)	Ton	7	.....	1,732	.....
Tangerines ^{7 10 11}	Ton	420	371	124,718	114,457
Tangelos ^{7 10 11} (FL)	Ton	97	106	10,758	13,353
Temples ^{7 10 11} (FL)	Ton	70	59	6,919	6,149
K-Early Citrus ^{7 10 11} (FL)	Ton	1	.....	113	.....
Almonds ¹⁰ (CA)	Ton	881.9	817.3	1,200,687	1,419,432
Hazelnuts (filberts) ¹⁰	Ton	19.5	35.0	19,500	36,750
Macadamia nuts ¹⁰ (HI)	Ton	26.5	25.5	30,210	30,090
Pecans ¹⁰	Ton	86.5	131.1	165,033	263,211
Pistachios ¹⁰ (CA)	Ton	151.5	58.0	333,300	133,400
Walnuts ¹⁰ (CA)	Ton	282.0	325.0	304,560	.....

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—
Continued**

Crop	Area harvested		Yield per harvested acre		
	2002	2003 ¹	Unit	2002	2003 ¹
	<i>Acres</i>	<i>Acres</i>			
Commercial Vegetables:					
Fresh Market					
Artichokes ¹²	8,200	7,200	Cwt	115	140
Asparagus ¹²	66,000	67,000	Cwt	28	30
Beans, snap	98,700	93,400	Cwt	61	61
Broccoli ¹²	130,400	136,600	Cwt	139	148
Cabbage	77,380	76,850	Cwt	320	302
Cantaloups	91,000	87,800	Cwt	248	254
Carrots	97,600	93,800	Cwt	298	353
Cauliflower ¹²	43,300	44,000	Cwt	160	192
Celery ¹²	27,100	27,500	Cwt	691	686
Corn, sweet	253,200	253,300	Cwt	107	116
Cucumbers	58,300	59,100	Cwt	196	171
Garlic ¹²	32,800	35,000	Cwt	172	178
Honeydew melons	24,600	24,200	Cwt	208	204
Lettuce, head	184,400	185,400	Cwt	372	350
Lettuce, leaf	55,900	58,400	Cwt	251	199
Lettuce, Romaine	60,300	67,500	Cwt	306	299
Onions ¹²	160,220	159,490	Cwt	424	437
Peppers, bell ¹²	53,800	54,600	Cwt	289	294
Spinach	34,900	37,200	Cwt	153	161
Tomatoes	120,400	116,700	Cwt	305	280
Watermelons	149,600	150,000	Cwt	261	257
Peppers, Chile ¹²	28,100	24,200	Cwt	108	107
Pumpkins ¹²	37,100	35,600	Cwt	214	208
Squash ¹²	52,100	50,900	Cwt	169	158
Processing:					
Beans, lima	51,400	45,800	Ton	1.28	1.31
Beans, snap	206,500	188,300	Ton	3.96	3.85
Carrots	15,400	15,550	Ton	25.69	28.28
Corn, sweet	419,800	435,300	Ton	7.35	7.62
Cucumbers for pickles	117,800	118,800	Ton	5.26	5.46
Peas, green	211,500	231,200	Ton	1.64	2.02
Spinach	13,120	14,900	Ton	9.24	8.73
Tomatoes	311,800	293,720	Ton	37.39	33.41

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 2002–2003—Continued

Crop	Production			Value of production ¹³	
	Unit	2002	2003 ¹	2002	2003 ¹
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Commercial Vegetables:					
Fresh Market					
Artichokes ¹²	Cwt	943	1,008	67,425	73,987
Asparagus ¹²	Cwt	1,868	2,041	172,876	198,707
Beans, snap	Cwt	5,979	5,715	284,375	267,762
Broccoli ¹²	Cwt	18,078	20,200	554,194	636,927
Cabbage	Cwt	24,773	23,204	315,033	290,854
Cantaloups	Cwt	22,595	22,331	398,498	372,965
Carrots	Cwt	29,077	33,094	552,198	632,469
Cauliflower ¹²	Cwt	6,943	8,441	219,113	276,117
Celery ¹²	Cwt	18,737	18,876	239,846	257,338
Corn, sweet	Cwt	27,106	29,403	521,480	562,572
Cucumbers	Cwt	11,413	10,113	214,200	197,347
Garlic ¹²	Cwt	5,650	6,241	155,673	147,745
Honeydew melons	Cwt	5,127	4,928	92,470	93,241
Lettuce, head	Cwt	68,521	64,920	1,451,873	1,181,330
Lettuce, leaf	Cwt	14,009	11,638	472,924	346,485
Lettuce, Romaine	Cwt	18,463	20,168	447,455	561,646
Onions ¹²	Cwt	67,928	69,727	767,913	958,032
Peppers, bell ¹²	Cwt	15,568	16,039	462,921	491,459
Spinach	Cwt	5,330	5,978	181,836	226,060
Tomatoes	Cwt	36,667	32,644	1,184,434	1,206,608
Watermelons	Cwt	39,048	38,484	326,587	346,022
Peppers, Chile ¹²	Cwt	3,037	2,597	81,503	67,967
Pumpkins ¹²	Cwt	7,947	7,393	84,104	71,625
Squash ¹²	Cwt	8,790	8,061	202,905	200,219
Processing:					
Beans, lima	Ton	65,540	60,180	28,176	26,615
Beans, snap	Ton	818,480	724,390	123,546	113,879
Carrots	Ton	395,700	439,830	27,687	33,082
Corn, sweet	Ton	3,083,890	3,318,250	210,306	234,852
Cucumbers for pickles	Ton	619,310	648,430	169,006	178,328
Peas, green	Ton	347,810	467,800	87,688	117,043
Spinach	Ton	121,250	130,030	13,319	13,722
Tomatoes	Ton	11,656,820	9,812,110	678,661	575,399

¹ Preliminary. ² Includes area seeded in preceding fall. ³ Value for 2002 is not available. ⁴ Bearing acreage for citrus and noncitrus fruits and nuts. ⁵ Yield per bearing acreage for citrus and noncitrus fruits and nuts. ⁶ Year of bloom. ⁷ Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. ⁸ Yield derived from the in-shell basis. ⁹ Bearing acreage and yield not calculated. ¹⁰ Utilized production. ¹¹ Equivalent packinghouse-door returns. ¹² Includes processing total for dual usage crops. ¹³ Marketing year average price and value of production for 1998-2002 will be updated in a statistical bulletin to be released in October 2004.

Table 9-24.—Total farm input: Index numbers of farm input, by major subgroups, United States, 1990–1999
[1992=100]

Year	Total input	Farm labor	Capital	Land	Energy	Agricultural chemicals ¹	Feed, seed, and livestock purchases ²	Other purchased inputs ³
1990	1.016	1.046	1.132	1.028	0.940	0.949	1.014	0.894
1991	1.022	1.078	1.121	1.021	0.944	0.963	1.006	0.915
1992	1.001	1.018	1.092	1.016	0.936	0.978	1.009	0.872
1993	1.004	0.978	1.071	1.011	0.939	0.944	1.026	0.981
1994	1.013	0.990	1.038	1.007	0.967	1.008	1.033	1.010
1995	1.035	1.027	1.029	1.003	1.015	0.923	1.086	1.071
1996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1997	1.029	1.006	0.996	0.997	1.022	1.085	1.053	1.061
1998	1.034	0.978	0.988	0.994	1.037	1.047	1.114	1.077
1999	1.059	1.008	0.984	0.990	1.054	1.038	1.173	1.106

¹ Includes fertilizer, lime, and pesticide. ² Includes broilers- and egg-type chicks and turkey poults and imports of livestock for purposes other than immediate slaughter. ³ Includes purchased services and miscellaneous inputs.

ERS, Resources, Technology and Productivity Branch (202) 694–5601.

Table 9-25.—Livestock and livestock products: Production and value, United States, 2000–2002

Product	Production ¹			Value of production		
	2000	2001	2002 ²	2000	2001	2002 ²
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves	42,841,607	42,395,675	42,249,776	28,391,942	29,293,241	26,914,667
Sheep and lambs	508,935	495,582	484,004	361,231	298,386	313,049
Hogs	25,730,208	25,883,857	26,253,962	10,817,518	11,430,029	8,679,342
Broilers ³	41,623,100	42,445,800	44,050,400	13,988,434	16,693,515	13,434,771
Mature chickens	1,111,717	1,016,708	1,032,685	63,925	46,353	49,023
Turkeys	6,942,809	7,154,781	7,406,050	2,822,736	2,790,317	2,700,333
Milk	166,256,000	164,284,000	168,617,000	20,770,589	24,893,985	20,687,958
Wool (shorn)	46,446	43,016	41,322	15,377	15,311	21,876
Mohair ⁴	2,628	1,970	2,174	10,609	4,200	3,432
Catfish ⁵ .....	.....	.....	.....	501,400	443,681	411,413
Trout ⁶ .....	.....	.....	.....	75,373	76,241	69,935
Honey	220,339	185,461	171,718	132,742	132,225	228,338
Eggs	<i>Millions</i> 84,386	<i>Millions</i> 85,745	<i>Millions</i> 86,698	4,345,382	4,446,312	4,262,662

¹ For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory. Estimates for broilers and eggs cover the 12-month period Dec. 1, previous year through Nov. 30. ² Preliminary, except for wool shorn and mohair. ³ Young chickens of meat-type strains raised for meat production. ⁴ AZ, NM, and TX. ⁵ Value of fish sold. ⁶ Value of fish and eggs sold.

NASS, Livestock Branch, (202) 720–3570.

Table 9-26.—Agricultural productivity: Index numbers (1996=100) of farm output per unit of input, United States, 1990–1999

Year	Productivity ¹
1990	0.886
1991	0.887
1992	0.955
1993	0.908
1994	1.005
1995	0.932
1996	1.000
1997	1.015
1998	1.011
1999	1.006

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 9–25 by the index of total input in table 9–26.

ERS, Resources, Technology and Productivity Branch (202) 694–5601.

Table 9-27.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1993–2002¹

Year	Total marketing bill	Farm value	Expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1993	379.6	109.6	489.2
1994	402.6	109.6	512.2
1995	415.7	113.8	529.5
1996	424.5	122.2	546.7
1997	444.6	121.9	566.5
1998	465.4	119.6	585.0
1999	503.1	122.2	625.3
2000	537.8	123.3	661.1
2001	557.5	130.0	687.5
2002 ²	576.9	132.5	709.4

¹The total marketing bill is the difference between total expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to food purchased by consumers that is not imported or exported. ²Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

Table 9-28.—Farm food products: Marketing costs, United States, 1993–2002

Year	Labor ¹	Packaging materials	Intercity transportation, rail and truck	Fuels and electricity	Corporate profits before taxes	Other ²	Total marketing bill ³
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1993	178.0	40.9	21.2	17.2	18.1	104.2	379.6
1994	186.1	43.3	21.8	17.9	20.9	112.6	402.6
1995	196.6	48.2	22.3	18.6	19.5	110.5	415.7
1996	204.6	47.7	22.9	19.6	20.7	109.0	424.5
1997	216.9	48.7	23.6	20.2	22.3	112.9	444.6
1998	229.9	50.4	24.4	20.7	25.5	114.5	465.4
1999	241.5	50.9	25.2	22.0	29.2	134.3	503.1
2000	252.9	53.5	26.4	23.1	31.1	150.8	537.8
2001	263.8	55.0	27.5	24.1	32.0	155.1	557.5
2002 ⁴	273.1	56.8	28.4	24.9	33.0	160.7	576.9

¹Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. ²Includes depreciation, rent, advertising and promotion, interest, taxes, licenses, insurance, professional services, local for-hire transportation, food service in schools, colleges, hospitals, and other institutions, and miscellaneous items. ³The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits. ⁴Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

Table 9-29.—Price components: Market basket of farm-originated food products by food group, United States, 1993–2002¹

Year	Market basket of food products				Bakery and cereal products			
	Retail cost ²	Farm value ³	Farm to retail spread ⁴	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1993	142	105	162	26	157	92	166	7
1994	145	101	169	24	164	103	171	8
1995	149	103	175	24	168	110	176	8
1996	156	111	180	25	174	126	181	9
1997	160	106	189	23	178	108	187	7
1998	163	103	195	22	181	94	193	6
1999	167	98	205	21	185	83	199	6
2000	171	97	210	20	188	75	204	5
2001	177	106	215	21	194	79	210	5
2002 ⁵	180	104	221	20	198	86	214	5

	Meat products				Fruits and vegetables, fresh			
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1993	135	107	163	40	182	131	207	24
1994	135	96	176	36	191	119	225	21
1995	136	94	178	35	210	133	248	21
1996	140	100	181	36	216	133	257	20
1997	144	101	189	36	220	128	265	20
1998	142	85	200	30	237	133	288	19
1999	142	82	205	29	252	136	308	18
2000	150	88	214	30	252	131	310	17
2001	159	97	223	31	261	138	321	17
2002 ⁵	160	103	220	32	272	150	331	18

	Dairy products				Fats and oils			
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1993	129	93	163	35	130	108	138	22
1994	132	94	166	34	134	126	137	25
1995	133	92	170	33	137	121	143	24
1996	142	107	174	36	141	112	151	22
1997	146	98	189	32	142	109	154	21
1998	151	113	186	36	147	119	157	22
1999	160	108	207	32	148	89	170	16
2000	161	99	218	30	147	81	172	15
2001	167	119	212	34	156	77	185	13
2002 ⁵	168	98	233	28	155	92	179	16

	Poultry				Fruits and vegetables, processed			
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1993	137	112	166	44	132	107	139	19
1994	142	115	173	43	135	113	141	20
1995	144	114	178	42	138	121	143	21
1996	152	126	183	44	144	122	152	20
1997	157	121	198	41	148	116	158	19
1998	157	126	193	43	151	115	162	18
1999	158	119	203	40	155	114	168	17
2000	160	117	209	39	154	106	168	17
2001	165	126	209	41	159	108	175	16
2002 ⁵	167	102	242	33	166	111	184	16

¹The market basket consists of foods that mainly originate on U.S. farms bought in foodstores in a base period, currently 1982–84. ²Indexes of retail cost are components of the Consumer Price Index published by the Bureau of Labor Statistics. ³Gross return or payment to farmers for the farm products equivalent to foods in the market basket. ⁴The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. ⁵Preliminary.

ERS, Food Markets Branch (202) 694–5375.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2001 and 2002

Commodity and unit	Marketing year average price ¹		Parity price ³		
	2001 ²	2002 ²	2001	2002	
	Dollars	Dollars	Dollars	Dollars	
Basic commodities:					
Cotton:					
American Upland	pound	0.298	0.445	1.66	1.60
Extra long staple	pound	0.856	0.860	2.32	2.26
Wheat	bushel	2.78	3.56	9.61	9.35
Rice	cwt	4.25	4.49	26.70	25.00
Corn	bushel	1.97	2.32	6.56	6.33
Peanuts	pound	0.234	0.182	0.675	0.648
Tobacco:					
Flue-cured, types 11-14	pound	1.857	1.821	4.18	4.12
Va., fire-cured, type 21	pound	1.759	1.884	4.19	4.15
Ky.-Tenn., fire-cured, types 22-23	pound	2.149	2.300	5.27	5.15
Burley, type 31	pound	1.973	1.979	4.45	4.43
Maryland, type 32 ⁴	pound	.....	.....	3.67	3.55
Dark air-cured, types 35-36	pound	1.829	2.151	4.45	4.36
Sun-cured, type 37	pound	1.686	1.777	3.78	3.86
Pa., seedleaf, type 41	pound	1.65	1.45	3.10	3.04
Cigar binder type 51	pound	5.59	5.33	10.60	10.90
Puerto Rican filler, type 46	pound	.....	.....	2.82	2.79
Cigar filler types 54-55	pound	1.650	1.750	3.56	3.52
Designated nonbasic commodities:					
All milk, sold to plants					
Fluid market	cwt	15.04	12.19	32.00	32.10
Manufacturing grade	cwt	15.08	12.20	.....	.....
Honey, all	cwt	13.44	10.88	.....	.....
Wool and mohair:					
Wool ⁵	pound	0.669	1.286	1.50	1.50
Mohair ⁶	pound	0.360	0.530	1.65	1.53
	pound	0.213	1.58	4.39	5.09
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	2.22	2.72	6.41	6.22
Beans, dry edible	cwt	22.10	17.10	47.60	46.80
Cottonseed	ton	90.50	101.00	253.00	254.00
Crude pine gum	barrel	.....	.....	227.00	224.00
Flaxseed	bushel	4.29	5.77	11.30	11.00
Hay, all, baled	ton	96.50	92.40	201.00	202.00
Hops	pound	1.85	1.91	4.09	4.27
Oats	bushel	1.59	1.81	3.75	3.86
Peas, dry edible	cwt	5.52	7.78	.....	.....
Peppermint oil	pounds	10.90	11.90	27.90	29.20
Popcorn, shelled basis	cwt	.....	.....	.....	.....
Potatoes	cwt	6.99	6.69	13.60	13.20
Rye	bushel	2.93	3.38	5.46	5.51
Sorghum grain	cwt	3.46	4.14	11.20	10.80
Soybeans	bushel	4.38	5.53	14.30	13.90
Spearmint oil	pound	9.10	9.12	26.50	26.60
Sweetpotatoes	cwt	15.40	16.70	34.10	35.20
Tobacco:					
Cigar wrapper, type 61	pound	.....	.....	43.40	42.00
Fruits:					
Citrus (equiv. on-tree): ⁷					
Grapefruit	box	4.69	4.92	8.04	7.12
Lemons	box	9.06	15.54	19.60	17.40
Limes, Florida	box	17.00	11.55	.....	.....
Oranges	box	5.88	6.37	11.30	10.40
Tangelos, Florida	box	3.90	5.00	.....	.....
Tangerines	box	11.26	12.97	27.40	25.00
Temples, Florida	box	4.23	4.46	9.64	8.51
Deciduous and other:					
Apples:					
For all sales	pound	.....	.....	.....	.....
For fresh consumption ⁸	pound	0.158	0.188	0.486	0.467
For processing ⁹	ton	105.00	.....	320.00	310.00
Apricots:					
For all sales	ton	.....	.....	.....	.....
For fresh consumption ¹⁰	ton	353.00	357.00	1,790.00	1,650.00
Dried, California (dried basis) ⁹	ton	1,960.00	1,590.00	4,810.00	4,680.00
For processing (except dried) ⁹	ton	257.00	268.00	672.00	656.00
Avocados ¹⁰	ton	1,670.00	1,920.00	3,430.00	3,460.00

See footnotes at end of table.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2001 and 2002—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³		
	2001 ²	2002 ²	2001	2002	
	Dollars	Dollars	Dollars	Dollars	
Deciduous and other—Con.					
Berries for processing:					
Blackberries (Oregon)	pound	0.415	0.442	1.01	1.00
Boysenberries (California & Oregon)	pound	0.689	0.657	1.43	1.42
Gooseberries	pound	.....	.....	0.608	0.602
Loganberries (Oregon)	pound	0.455	0.808	0.983	0.974
Raspberries, black (Oregon)	pound	0.452	0.411	1.73	1.71
Raspberries, red (Oregon & Washington)	pound	0.505	0.527	1.38	1.36
Cherries:					
Sweet	ton....	1,230.00	1,550.00	2,770.00	2,790.00
Tart	pound....	0.186	0.448	0.440	0.438
Cranberries ¹¹	barrel....	23.80	30.20	115.00	108.00
Dates, California ¹⁰	ton....	1,360.00	1,550.00	2,450.00	2,540.00
Figs, California	ton....	366.00	329.00	.....	.....
Grapes:					
For all sales	ton....	449.00	387.00	.....	.....
Raisin varieties dried, California (dried basis) ⁹	ton....	548.00	.....	2,450.00	2,160.00
Nectarines (California):					
For all sales	ton....	464.00	382.00	.....	.....
For fresh consumption ¹⁹	ton....	480.00	383.00	1,020.00	1,020.00
For processing ¹⁹	ton....	26.00	.....	65.90	61.70
Olives (California): ¹²					
For all sales	ton....	672.00	573.00	.....	.....
Crushed for oil	ton....	6.00	23.00	25.80	24.40
For all sales (except crushed)	ton....	682.00	599.00	1,350.00	1,350.00
For canning	ton....	770.00	657.00	1,570.00	1,570.00
Peaches:					
For all sales	pound....	0.211	0.204	.....	.....
For fresh consumption ⁹	pound....	0.309	0.311	0.623	0.619
Dried, California (dried basis) ⁹	ton....	514.00	456.00	1,840.00	1,660.00
For processing California (except dried):					
Clingstone ¹²	ton....	244.00	247.00	530.00	525.00
Freestone ⁹	ton....	182.00	185.00	449.00	441.00
Pears:					
For all sales	ton....	264.00	295.00	.....	.....
For fresh consumption ⁹	ton....	365.00	413.00	848.00	835.00
Dried, California (dried basis) ⁹	ton....	1,210.00	1,300.00	2,530.00	2,620.00
For processing (except dried) ⁹	ton....	175.00	212.00	480.00	464.00
Plums (California):					
For all sales ¹⁰	ton....	306.00	386.00	.....	.....
For fresh consumption ¹⁹	ton....	.....	.....	889.00	869.00
For processing ¹⁹	ton....	.....	.....	41.40	45.10
Prunes, dried (California) ⁹	ton....	723.00	810.00	2,270.00	2,210.00
Prunes and plums (excl. California):					
For fresh consumption ¹³	ton....	345.00	396.00	863.00	830.00
For processing (except dried) ⁹	ton....	185.00	203.00	398.00	389.00
Strawberries:					
For fresh consumption ¹⁴	pound....	0.758	0.711	1.49	1.51
For processing ⁹	pound....	0.292	0.333	0.651	0.644
Sugar crops:					
Maple sirup	gallon....	28.60	27.60	.....	.....
Sugarbeets	ton....	39.40	.....	94.30	91.70
Sugarcane for sugar	ton....	28.40	.....	67.70	66.20
Tree nuts: ¹⁵					
Almonds	pound....	0.910	1.01	3.67	3.47
Hazelnuts	ton....	701.00	1,000.00	1,960.00	1,910.00
Pecans, all	ton....	1,188.00	1,898.00	4,630.00	4,380.00
Improved	pound....	.....	.....	.....	.....
Seedling	pound....	.....	.....	.....	.....
Walnuts	ton....	1,120.00	.....	2,940.00	2,960.00

See footnotes at end of table.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2001 and 2002—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³		
	2001 ²	2002 ²	2001	2002	
	Dollars	Dollars	Dollars	Dollars	
Vegetables for fresh market:¹⁴					
Artichokes, California	cwt....	58.60	71.50	74.20	73.50
Asparagus	cwt....	140.00	110.00	251.00	262.00
Broccoli	cwt....	26.50	31.20	63.90	63.80
Cabbage	cwt....	13.30	12.90	22.50	22.30
Cantaloups	cwt....	19.00	17.60	34.70	34.40
Carrots ¹⁵	cwt....	17.20	19.00	31.50	32.30
Cauliflower ¹⁶	cwt....	29.20	32.00	72.90	72.00
Celery ¹⁶	cwt....	14.40	12.80	32.00	32.30
Cucumbers	cwt....	19.60	18.80	37.20	36.80
Eggplant	cwt....	27.00	.....	39.30	38.90
Escarole/Endive	cwt....	29.50	.....	50.60	50.10
Garlic, California	cwt....	29.40	27.60	47.80	47.30
Green peppers ¹⁶	cwt....	28.60	29.70	58.70	58.10
Honeydew melons	cwt....	21.10	18.00	44.00	43.80
Lettuce	cwt....	17.90	21.20	37.20	38.00
Onions ¹⁶	cwt....	11.40	12.40	27.90	27.50
Snap beans	cwt....	45.10	47.60	73.60	72.80
Spinach	cwt....	32.50	34.10	64.40	63.80
Sweet corn	cwt....	19.50	19.20	40.90	41.00
Tomatoes	cwt....	30.40	32.30	72.40	70.70
Watermelons	cwt....	6.77	8.36	13.80	13.70
Vegetables for processing:⁹					
Asparagus	ton....	1,040.00	1,110.00	2,640.00	2,620.00
Beets	ton....	65.80	.....	127.00	126.00
Cabbage	ton....	48.70	.....	98.00	97.10
Cucumbers	ton....	291.00	273.00	.....	.....
Green peas	ton....	264.00	252.00	631.00	622.00
Lima beans	ton....	459.00	430.00	1,090.00	1,080.00
Snap beans	ton....	161.00	151.00	413.00	404.00
Spinach	ton....	116.00	110.00	236.00	234.00
Sweet corn	ton....	72.90	68.20	173.00	171.00
Tomatoes	ton....	59.20	58.20	153.00	149.00
Livestock and livestock products:					
All beef cattle	cwt....	71.20	66.70	157.00	154.00
Cows	cwt....	.....	.....	.....	.....
Steers and heifers	cwt....	.....	.....	.....	.....
Calves	cwt....	106.70	96.70	207.00	205.00
Beeswax	pound...	.....	.....	4.75	4.70
Chickens:					
Excluding broilers, live	pound...	0.045	0.047	.....	.....
Broilers, live ²⁰	pound...	0.393	0.305	.....	.....
All Eggs	dozen...	0.605	0.603	1.55	1.51
Hogs	cwt....	44.10	33.30	103.00	99.80
Lambs	cwt....	67.60	73.30	173.00	174.00
Milk cows ¹⁷	head....	.....	.....	.....	.....
Milk, retail ¹⁸	quart...	.....	.....	.....	.....
Sheep	cwt....	35.80	28.90	72.10	73.80
Turkeys, live	pound...	0.391	0.365	0.954	0.940

¹Marketing year average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold. ²Preliminary. ³Parity prices are for January of the year shown as published in the January issue of Agricultural Prices. ⁴Previous year. ⁵Average local market price for wool sold excluding incentive payment. ⁶Average local market price for mohair sold excluding incentive payment. Texas only prior to 1985. ⁷Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. Thus the prices shown for 1996 relate to the citrus crop designated as 1996-97 in the production reports. ⁸Equivalent packinghouse-door returns for California, Oregon (pears only), Washington, and New York (apples only), and prices as sold for other States. ⁹Equivalent returns at processing plant-door. ¹⁰Equivalent returns at packinghouse-door. ¹¹Weighted average of co-op and independent sales. Co-op prices represent pool proceeds excluding returns from non-cranberry products and before deductions for capital stock and other retains. ¹²Equivalent per unit returns for bulk fruit at first delivery point. ¹³Average price as sold. ¹⁴FOB shipping point when available. Weighted average of prices at points of first sale when FOB shipping point price not available. ¹⁵Prices are in-shell basis except almonds which are shelled basis. ¹⁶Includes some processing. ¹⁷Simple average of States weighted by estimated Jan. 1 head for U.S. average. ¹⁸Sold by farmers directly to consumers. ¹⁹Prices for fresh and processing breakdown no longer published to avoid disclosure of individual operations. ²⁰Live weight equivalent price.

Table 9-31.—Producer prices: Index numbers, by groups of commodities, United States, 1994–2003
[1982=100]

Year	Total finished goods	Consumer foods	Total consumer goods	Total intermediate materials	Total crude materials
1994	125.5	126.8	123.3	118.5	101.8
1995	127.9	129.0	125.6	124.9	102.7
1996	131.3	133.6	129.5	125.7	113.8
1997	131.8	134.5	130.2	125.6	111.1
1998	130.7	134.3	128.9	123.0	96.8
1999	133.0	135.1	132.0	123.2	98.2
2000	138.0	137.2	138.2	129.2	120.6
2001	140.7	141.3	141.5	129.7	121.0
2002	138.9	140.1	139.4	127.8	108.1
2003 ¹	143.3	146.0	145.2	133.7	135.3

¹ Preliminary.

ERS, Food Marketing Branch, (202) 694–5349. Compiled from reports of the U.S. Department of Labor.

Table 9-32.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1994–2003¹
[1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts ²	Commercial vegetables	Other crops
1994	377	381	559	1,538	600	632	731	517
1995	426	400	653	1,559	568	680	806	525
1996	497	521	626	1,592	700	824	740	532
1997	406	418	573	1,570	715	770	792	532
1998	328	356	546	1,572	588	777	818	532
1999	287	307	436	1,536	452	803	736	532
2000	272	308	421	1,614	467	682	807	541
2001	290	325	328	1,614	437	764	870	554
2002	331	356	284	1,638	480	736	948	561
2003 ⁴	343	371	438	1,610	585	735	933	564

Year	Potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Parity ratio ³
1994	556	520	910	797	298	727	634	45
1995	541	553	868	783	300	707	646	44
1996	576	624	882	914	337	761	712	47
1997	457	568	933	820	319	755	678	43
1998	500	526	804	953	328	740	644	42
1999	507	476	840	882	310	731	607	40
2000	472	473	955	757	299	744	611	38
2001	497	488	989	920	323	812	649	40
2002	652	520	884	744	265	691	622	38
2003 ⁴	527	548	1,046	769	310	789	677	40

¹ These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988–92. Then, the 1990–92 indexes are adjusted to a 1910–14 reference. ² Fresh market for noncitrus, and fresh market and processing for citrus. ³ Ratio of Index of Prices Received to the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates. ⁴ Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-33.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1994–2003¹
(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts ²	Commercial vegetables	Other Crops
1994	119	106	109	102	110	90	109	105
1995	134	112	127	103	104	97	121	106
1996	157	146	122	105	128	118	111	108
1997	128	117	112	104	131	110	118	108
1998	103	100	107	104	107	111	123	108
1999	91	86	85	102	83	115	110	108
2000	85	86	82	107	85	98	121	110
2001	91	91	64	107	80	109	130	112
2002	104	100	56	108	88	105	142	114
2003 ⁴	108	104	85	106	107	88	140	114

Year	Potatoes and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio ³
1994	110	105	90	99	106	95	100	94
1995	107	112	85	98	107	92	102	93
1996	114	127	87	114	120	99	112	98
1997	90	115	92	102	113	98	107	90
1998	99	107	79	119	117	97	101	89
1999	100	97	83	110	110	95	96	83
2000	93	96	94	94	106	97	96	80
2001	98	99	97	115	115	106	102	83
2002	129	106	87	93	94	90	98	79
2003 ⁴	104	111	103	96	110	103	107	83

¹ These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988–92. ² Fresh market for noncitrus, and fresh market and processing for citrus. ³ Ratio of Index of Prices Received (1990–92=100) to Index of Prices Paid by Farmers for Commodities & Services, Interest, Taxes, and Wage Rates (1990–92=100). ⁴ Preliminary.

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Table 9-34.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1994–2003
(1990–92=100)

Production indexes									
Year	Production (all commodities)	Feed	Livestock & Poultry	Seeds	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
1994	106	106	94	108	105	112	89	109	111
1995	108	103	82	110	121	116	89	112	115
1996	115	129	75	115	125	119	102	115	117
1997	119	125	94	119	121	121	106	118	119
1998	113	111	88	122	112	122	84	119	119
1999	111	100	95	122	105	121	93	121	119
2000	116	102	110	124	110	120	134	124	119
2001	120	109	111	132	123	121	119	128	118
2002	119	112	102	142	108	119	112	131	116
2003 ⁴	124	115	109	154	124	121	144	134	115

Production indexes - continued					Interest	Taxes	Wage rates ²	Production, interest, taxes, and wage rates	Family living	Commodities, interest, taxes, and wage rates ³
Year	Farm machinery	Building Materials	Farm services ¹	Rent						
1994	113	109	115	108	94	106	111	106	110	106
1995	120	114	115	117	102	109	114	108	113	109
1996	125	115	116	128	106	112	117	115	116	115
1997	128	118	116	136	105	115	123	118	119	118
1998	132	118	115	120	104	119	129	114	121	115
1999	135	120	116	113	106	120	135	113	124	115
2000	139	121	119	110	113	123	140	118	128	120
2001	144	121	121	117	109	124	146	122	131	123
2002	148	122	120	119	104	126	153	121	133	124
2003 ⁴	149	124	123	120	104	128	157	126	136	128

¹ The Farm Service and Rent indexes were combined prior to 1992. ² Simple average of seasonally adjusted quarterly indexes. ³ Family Living component included. ⁴ Preliminary.

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Table 9-35.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1994–2003¹
[1910–14=100]

Year	Family living	Production indexes							
		Production (all commodities)	Feed	Livestock and poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and repairs
1994	1,404	1,030	518	1,207	1,071	387	695	689	776
1995	1,447	1,051	502	1,047	1,088	444	717	690	798
1996	1,490	1,118	631	962	1,143	458	736	789	816
1997	1,525	1,151	612	1,200	1,180	443	745	816	835
1998	1,548	1,092	539	1,123	1,209	412	756	646	846
1999	1,582	1,078	486	1,217	1,201	385	746	720	862
2000	1,636	1,124	497	1,402	1,228	404	741	1,033	881
2001	1,682	1,161	530	1,419	1,306	451	745	915	906
2002	1,709	1,156	547	1,306	1,402	394	736	866	927
2003 ³	1,747	1,206	562	1,394	1,521	453	748	1,114	947

Year	Production indexes—Continued				Interest	Taxes	Wage rates	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates ²
	Autos and trucks	Farm machinery	Building materials	Farm services and rent					
1994	2,958	2,843	1,488	1,304	2,548	2,828	4,140	1,419	1,416
1995	3,053	3,009	1,553	1,384	2,548	2,915	4,278	1,456	1,454
1996	3,126	3,128	1,569	1,442	2,652	3,001	4,389	1,540	1,531
1997	3,161	3,216	1,602	1,477	2,621	3,093	4,591	1,585	1,574
1998	3,152	3,313	1,605	1,394	2,617	3,185	4,838	1,528	1,532
1999	3,166	3,393	1,628	1,364	2,663	3,214	5,037	1,520	1,531
2000	3,160	3,490	1,647	1,374	2,825	3,281	5,236	1,585	1,594
2001	3,141	3,601	1,646	1,422	2,738	3,330	5,468	1,633	1,642
2002	3,082	3,704	1,654	1,426	2,615	3,378	5,705	1,631	1,645
2003 ³	3,044	3,744	1,679	1,448	2,599	3,426	5,885	1,696	1,705

¹ Based on Consumer Price Index-Urban of Bureau of Labor Statistics. ² The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910–14=100 base. ³ Preliminary.

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Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003¹

Commodity	Unit	2001	2002	2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fuels and energy:				
Diesel fuel ^{2 3}	Gal	1.080	0.964	1.238
Gasoline, service station, unleaded ⁴	Gal	1.43	1.36	1.61
Gasoline, service station, bulk delivery ⁴	Gal	1.47	1.37	1.60
L. P. gas, bulk delivery ²	Gal	1.160	0.925	1.213
Feeds:				
Alfalfa Meal	Cwt	13.40	14.40	15.00
Alfalfa Pellets	Cwt	13.40	14.40	15.30
Bran	Cwt	13.40	13.60	13.70
Beef Cattle Concentrate.				
32–36% Protein	Ton	279	277	290
Corn Meal	Cwt	7.59	8.06	9.90
Cottonseed Meal, 41%	Cwt	15.70	15.80	16.60
Dairy Feed				
14% Protein	Ton	176	175	183
16% Protein	Ton	184	190	200
18% Protein	Ton	185	194	207
20% Protein	Ton	184	191	201
32% Protein Conc.	Ton	291	298	311
Hog Feed				
14–18% Protein	Ton	215	216	223
38–42% Protein Conc.	Ton	302	307	322
Molasses, Liquid	Cwt	12.40	12.90	13.30
Poultry Feed:				
Broiler Grower	Ton	232	259	234
Chick Starter	Ton	239	240	241
Laying Feed	Ton	212	225	232
Turkey Grower	Ton	259	264	279
Soybean Meal, 44%	Cwt	13.40	13.50	14.50
Stock Salt	50 Lb	4.05	4.12	4.30
Trace Mineral Blocks	50 Lb	5.14	5.24	5.40

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003¹—Continued

Commodity	Unit	2001	2002	2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fertilizer:⁵				
0-15-40	Ton	189	178	195
0-18-36	Ton	184	175	188
0-20-20	Ton	192	193	200
3-10-30	Ton	173	172	171
5-10-10	Ton	150	146	161
5-10-15	Ton	170	165	179
5-10-30	Ton	184	182	187
5-20-20	Ton	188	182	191
6- 6- 6	Ton	215	224	205
6- 6-18	Ton	213	207	212
6-12-12	Ton	173	156	169
6-24-24	Ton	221	214	227
8- 8- 8	Ton	173	166	179
8-20- 5	Ton	232	224	235
8-32-16	Ton	228	229	241
9-23-30	Ton	208	195	212
10- 3- 3	Ton	207	190	245
10- 6- 4	Ton	157	166	167
10-10-10	Ton	179	174	186
10-20-10	Ton	199	194	207
10-20-20	Ton	217	209	218
10-34- 0	Ton	260	238	255
11-52- 0	Ton	260	246	266
13-13-13	Ton	210	201	212
15-15-15	Ton	230	223	235
16- 0-13	Ton	185	161	185
16- 4- 8	Ton	237	235	239
16- 6-12	Ton	203	186	187
16-16-16	Ton	284	292	315
16-20- 0	Ton	246	243	253
17-17-17	Ton	230	212	229
18-46- 0 (DAP)	Ton	244	227	250
19-19-19	Ton	234	207	237
24- 8- 0	Ton	205	167	188
Ammonium Nitrate	Ton	260	195	243
Anhydrous Ammonia	Ton	399	250	373
Aqua Ammonia	Ton	119	104	130
Limestone, Spread on field	Ton	19.10	19.00	19.40
Muriate of Potash, 60–62% K2O	Ton	170	164	165
Nitrate of Soda	Ton	274	282	278
Nitrogen Solutions.				
28% N	Ton	204	135	166
30% N	Ton	189	127	161
32% N	Ton	221	148	184
Sulfate of Ammonia	Ton	192	187	195
Superphosphate, 44-46% P2O5	Ton	236	221	243
Urea, 44-46% Nitrogen	Ton	280	191	261
Farm Machinery:				
Baler, Pick-Up, Automatic Tie, P.T.O.				
Square Conventional, Under 200 Lb Bales	Each	16,300	16,800	17,300
Round, 1200-1500 Lb Bale	Each	17,600	17,900	18,300
Round, 1900-2200 Lb Bale	Each	23,000	25,200	25,600
Chisel Plow, Maximum 1 Foot Depth of Tillage, Chisel or Sweep Type, Drawn or Mounted, 16-20 Foot				
Each	Each	13,000	13,400	13,100
Combine, Self Propelled with Grain head				
Extra-large capacity	Each	181,000	187,000	196,000
Large capacity	Each	152,000	156,000	159,000
Corn Head for combine				
6 Row	Each	24,500	25,700	25,900
8 Row	Each	32,100	33,200	33,900
Cotton Picker, Self Propelled, with sprindle,				
4-Row	Each	222,000	225,000	216,000
Cultivator, Row Crop				
6-Row	Each	6,040	5,990	6,330
12-Row, Flexible	Each	13,800	13,900	13,700
Disk Harrow, Tandem, Drawn⁷				
15-17 Foot	Each	13,700	14,300	15,200
18-20 foot	Each	18,000	18,500	19,300

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003¹—Continued

Commodity	Unit	2001	2002	2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Elevator, Portable, Without Power Unit, Auger Type, 8 Inch Diameter, 60 Foot	Each	3,820	4,020	4,180
Feed Grinder-Mixer, Trailer Mtd., P.T.O.	Each	14,600	14,900	15,600
Field Cultivator, Mounted or Drawn 17-19 Foot	Each	10,700	11,000	11,600
20-25 Foot, Flexible	Each	14,300	15,900	15,900
Forage Harvester, P.T.O., Shear Bar, With Pick-Up Attachment	Each	28,900	30,100	31,600
With Row Crop Unit, 2-Row	Each	31,400	32,800	35,900
Forage Harvester, Self-propelled, Shear Bar With 4-6 row	Each	228,000	237,000	232,000
Front-End Loader, Hydraulic, Tractor Mounted 1800-2500 Lb. Capacity, 60 Inch Bucket	Each	4,910	4,990	5,000
Grain Drill, Most Common Spacing Plain, 15-17 Openers	Each	12,100	14,000	14,000
Press, 23-25 Openers	Each	18,500	23,100	20,300
With Fertilizer Attachment, 20-24 Openers	Each	15,700	18,600	18,600
Min/No-Till W/Fert. Attach., 15 Foot	Each	27,100	28,100	27,600
Hayrake, Side-Delivery, or Wheel Rake, Traction Drive, 8-12 Foot Working Width	Each	4,980	5,020	5,200
Hay Tedder, 15-18 Foot	Each	4,560	4,830	4,900
Manure Spreader, Conveyor Type, P.T.O., 2-Wheel, with Tires. 141-190 Bushel Capacity	Each	6,630	6,760	6,760
225-300 Bushel Capacity	Each	9,980	9,950	10,100
Mower-Conditioner, P.T.O., Pull Type, with 8-10 Foot, Sickle (Cutter) Bar or Disc	Each	13,700	13,700	14,400
14-16 Foot, Sickle (Cutter) Bar or Disc	Each	21,500	21,800	22,700
Mower, Mounted or Drawn, 7-8 ft Sickle (Cutter) Bar	Each	4,730	4,840	4,980
13-14 Foot, Sickle (Cutter) Bar or Disc	Each	14,200	16,100	14,000
Planter, Row Crop With Fertilizer Attachment, 4-Row	Each	15,500	15,100	15,200
With Fertilizer Attachment, 8-Row	Each	28,800	29,000	30,000
With Fertilizer Attachment, 24-Row	Each	95,000	97,600	95,700
12-Row Conservation (No-Till Cond), w/Fert	Each	47,400	50,400	52,400
Rotary Hoe, 20-25 Foot	Each	6,920	6,490	6,610
Rotary Cutter, 7-8 Foot	Each	3,100	3,240	3,130
Sprayer, Field Crop, Power, Boom Type (Excl. Self-Propelled and Orchard). Tractor Mounted, w/ 300 Gal. Spray Tank	Each	5,500	5,460	5,890
Trailer Type, w/ 500-700 Gal. Spray Tank	Each	11,300	12,000	13,100
Tractor, 2-Wheel Drive 30-39 P.T.O. horsepower	Each	16,600	16,400	16,000
50-59 P.T.O. horsepower	Each	22,000	21,900	21,300
70-89 P.T.O. horsepower	Each	34,200	34,500	33,600
110 - 129 P.T.O. horsepower	Each	63,000	63,700	63,800
140 - 159 P.T.O. horsepower	Each	82,300	83,200	84,100
190 - 220 P.T.O. horsepower	Each	114,000	118,000	116,000
Tractor, 4-Wheel Drive 200 - 280 P.T.O. horsepower	Each	127,000	132,000	133,000
Wagon, Gravity Unload, W/Box and Running Gear, and Tires, 200-400 Bushel Capacity Without Side Extensions	Each	4,160	4,320	4,200
Wagon, Running Gear, W/O Box 8-10 Ton Capacity	Each	1,800	1,730	1,720
Windrower, Self-Propelled, 14-16 Foot	Each	63,200	62,900	64,200
Agricultural Chemicals: ⁸ Fungicides:				
Basic Copper Sulfate, 53% WP	Lb	1.15	1.16	1.20
Benomyl (Benlate), 50% WP	Lb	18.40	18.40	18.50
Calcium Polysulfide (Lime Sulfur) Liq.Conc	Gal	8.42	8.36	7.90
Captan 50% WP	Lb	3.61	3.76	3.50
Chlorothalonil (Bravo), 6#/Gal EC	Gal	56.10	49.70	47.20
Copper Hydroxide (Kocide 101), 77% WP	Lb	2.60	2.62	2.50
Dodine (Cyprex), 65% WP	Lb	11.50	11.50	11.60
Fenarimol (Rubigan), 1#/Gal EC	Gal	321	320	308
Ferbam (Carbamate), 76% WP	Lb	4.17	4.25	4.20
Fosethyl-AL (Aliette), 80% WP	Lb	12.30	12.60	12.60
Iprodione (Rovral), 50% WP	Lb	23.70	24.10	24.50
Mancozeb (Dithane 80% WP, Manzate 75% DF)	Lb	3.03	2.95	3.00
Maneb, 80% WP, 75% DF	Lb	3.16	3.20	2.70
Metalaxyl (Ridomil), 2#/Gal EC	Gal	190	183	191
Myclobutanil (Systhane, Nova, Rally), 40% WP	Lb	69.70	67.90	68.10
Oxytetracycline (Mycoshield), 17% WP	Lb	22.00	22.00	24.90
Sulfur, 95% WP	Lb	0.320	0.330	0.318
Triforine (Funginex), 1.6#/Gal EC	Gal	93.30	98.50	106
Triadimefon (Bayleton), 50% WP	Lb	69.20	70.00	70.70
Ziram, 76% WP	Lb	2.82	2.82	2.70

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2001–2003¹—Continued

Commodity	Unit	2001	2002	2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fumigants:				
Methyl Bromide (Terr-o-gas 98)	Lb	4.87	5.31	7.30
Herbicides:				
2,4-D, 4#/Gal EC	Gal	14.90	14.90	15.20
Acetochlor (Harness, Surpass),				
6.4-7#/Gal EC	Gal	68.90	68.10	68.20
Alachlor (Lasso), 4#/Gal EC	Gal	24.80	24.30	24.50
Atrazine (AAtrex), 4#/Gal L	Gal	12.50	12.20	12.30
Bentazon (Basagran), 4#/Gal EC	Gal	83.00	83.20	83.70
Butylate (Sutan), 6.7#/Gal EC	Gal	22.50	23.60	23.30
Chlorimuron-ethyl (Classic), 25% DF	Oz	12.40	12.40	12.80
Chlorsulfuron (Glean), 75%	Oz	20.20	18.70	18.40
Cyanazine (Bladex), 4#/Gal EC	Gal	33.10	33.00	32.90
DCPA (Dacthal), 75% WP	Lb	13.50	14.00	13.80
Dicamba (Banvel), 4#/Gal EC	Gal	94.20	92.10	92.50
Diuron (Karmex, Diurex), 80% WP	Lb	4.98	4.90	4.90
EPTC (Eptan), 7E-(Eradicane), 6.7#/Gal EC	Gal	33.40	33.70	35.60
Glyphosate (Roundup), 4#/Gal EC	Gal	44.50	43.50	43.30
Linuron (Lorox, Linex), 50% DF	Lb	11.60	11.90	12.50
MCPA, 4#/Gal, EC	Gal	16.90	17.10	17.70
Metolachlor (Dual), 8#/Gal EC	Gal	94.50	99.00	104
Metribuzin (Lexone or Sencor), 75% DF	Lb	20.60	20.10	20.80
MSMA (Super Arsonade), 4-6# Gal EC	Gal	21.80	21.60	21.20
Napropamide (Devrinol), 50% WP	Lb	9.85	9.40	9.10
Paraquat (Gramoxone Extra), 2.5#/Gal EC	Lb	35.20	37.60	40.70
Pendimethalin (Prowl), 3.3#/Gal EC	Gal	23.10	22.10	22.70
Sethoxydim (Poast), 1.5#/Gal EC	Gal	77.90	74.60	73.90
Simazine (Princep), 4#/Gal EC	Gal	18.00	17.60	18.00
Terbacil (Sinbar), 80% WP	Lb	30.90	32.70	32.60
Trifluralin (Treflan), 4#/Gal EC	Gal	25.30	24.40	24.40
Insecticides:				
Acephate (Orthene), 75% SP	Lb	12.80	12.60	12.90
Aldicarb (Temik), 15% G	Lb	3.76	3.70	3.80
Azinphos-methyl (Guthion), 50% WP	Lb	9.87	10.60	10.60
Bt (Dipel 2X), WP	Lb	12.60	12.20	12.30
Carbaryl, (Sevin), 80% S, SP or WP	Lb	5.75	5.41	5.50
Carbofuran (Furadan), 4F	Gal	74.80	77.80	79.30
Chlorpyrifos (Lorsban), 4#/Gal EC	Gal	42.40	41.60	41.30
Cyfluthrin (Baythroid) 2#/Gal EC	Gal	493	397	388
Cypermethrin, (Ammo 2.5-Cymbush 3#G)EC	Gal	255	196	180
Diazinon, 4#/Gal EC	Gal	35.90	36.10	38.00
Dicofol (Kelthane), 35% WP	Lb	12.20	13.10	12.50
Dicrotophos (Bidrin), 8#/Gal EC	Gal	89.70	91.00	90.90
Dimethoate (Cygon), 2.67#/Gal EC	Gal	35.50	36.60	36.90
Disulfoton (Di-Syston), 8#/Gal EC	Gal	84.80	87.60	91.70
Endosulfon (Thiodan, Phaser), 3#/Gal EC	Gal	35.90	33.70	34.20
Esfenvalerate (Asana XL), 0.66#/Gal EC	Gal	123	107	103
Ethion 4#/Gal EC	Gal	35.10	39.30	41.60
Fonofos (Dyfonate II), 20% G	Lb	2.15	1.29	3.20
Imidacloprid (Admire, Provado),				
1.6-2#/Gal EC	Gal	565	575	573
Malathion, 5#/Gal EC	Gal	27.40	28.40	28.50
Methidathion (Supracide), 25% WP	Lb	7.51	7.20	7.50
Methomyl (Lannate) L, 1.81 #/Gal Liq.	Gal	49.50	51.90	55.60
Methyl Parathion, 4#/Gal EC	Gal	33.40	32.00	31.80
Oil, Superior Oil, Supreme, Volck	Gal	5.38	5.82	5.60
Oxamyl (Vydate-L), 2# L	Gal	67.90	68.80	69.80
Oxydemeton-Methyl (Metasystox-R),				
2#/Gal EC	Gal	77.90	76.00	76.10
Oxythioquinox (Morestan), 25% WP	Lb	18.60	20.30	21.90
Phorate (Thimet), 20% G	Lb	2.41	2.45	2.40
Phosmet (Imidan, Prolate), 50% WP	Lb	6.98	7.30	7.40
Propargite (Comite, Omiite), 30% WP	Lb	6.05	6.26	6.60
Synthetic Pyrethroids,				
(Pounce 2.0, Ambush 3.2 #/Gal) EC	Gal	137	136	133
Terbufos (Counter), 15% G	Lb	2.67	2.72	2.70
Zeta-Cypermethrin (Fury), 1.5#/Gal EC	Gal	282	195	202
Other:				
Gibberellic Acid, (Ry3Up, Pro-Gibb) 4.0% L	Gal	170	164	173
Nad Napthalene Acetamide, 8.4 WP	Lb	63.50	63.70	65.80

¹ Prices paid by farmers are collected, for the most part, from retail establishments located in smaller cities and towns in rural areas. Prior to 1995, recorded prices reflected a modified annual average based on frequency item was surveyed during the year. Recorded item values, 1995-99, are the U.S. April average price. ² Includes Federal, State, and local per gallon taxes where applicable. ³ Excludes Federal excise tax. ⁴ Includes Federal, State, and local per gallon taxes. ⁵ Excludes cost of application, except for limestone. ⁶ Discontinued in 2000. ⁷ With hydraulic lift, transport wheels, and tires. ⁸ Formulation abbreviations: EC—Emulsifiable Concentrate, DF—Dry Flowable, DG—Dry Granular, G—Granular, L—Liquid, S—Solution, SP—Soluble Powder, and WP—Wettable Powder.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1994–2003^{1 2}

Commodity and unit	1994	1995	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Basic commodities:					
Corn:					
Target price	Bushel ...	2.75	2.75	⁽⁹⁾	⁽⁹⁾
Loan rate	do	1.89	1.89	1.89	1.89
Cotton:					
American upland: ³					
Target price	Pound	0.7290	0.7290	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.5000	0.5192	0.5192	0.5192
Extra-long staple:					
Target price	do	1.0200	0.9560	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.8503	0.7965	0.7965	0.7965
Peanuts: ⁴					
Target price	do .....	.....	.....	.....	.....
Loan rate	do	0.3392	0.3392	0.3050	0.3050
Rice:					
Target price	Cwt.	10.71	10.71	⁽⁹⁾	⁽⁹⁾
Loan rate	do	6.50	6.50	6.50	6.50
Wheat:					
Target price	Bushel ...	4.00	4.00	⁽⁹⁾	⁽⁹⁾
Loan rate	do	2.58	2.58	2.58	2.58
Tobacco:					
Flue-cured, types 11-14	Pound	1.583	1.597	1.601	1.621
Fire-cured, type 21	do	1.407	1.430	1.455	1.498
Fire-cured, types 22-23	do	1.483	1.518	1.557	1.623
Burley, type 31	do	1.714	1.725	1.737	1.760
Dark air-cured, types 35-36	do	1.273	1.304	1.339	1.398
Virginia sun-cured, type 37	do	1.245	1.265	1.288	1.326
Cigar filler, Puerto Rican, type 46	do	0.844	0.861	⁽⁸⁾	⁽⁸⁾
Ohio filler and Wisconsin binder, types 42-44 and 53-55	do	1.084	1.101	1.120	1.169
1,212					
Barley: ⁶					
Target price	Bushel ...	2.36	2.36	⁽⁹⁾	⁽⁹⁾
Loan rate	do	1.54	1.54	1.55	1.57
Sorghum grain: ⁶					
Target price	Cwt.	4.66	4.66	⁽⁹⁾	⁽⁹⁾
Loan rate	do	3.21	3.21	3.23	3.14
Oats: ⁶					
Target price	Bushel ...	1.45	1.45	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.97	0.97	1.03	1.11
Rye: ⁶					
Target price	do	1.61	1.61	⁽⁸⁾	⁽⁸⁾
Nonbasic commodities:					
Beans, dry edible	Cwt.	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Cottonseed	Ton	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Minor oilseeds ⁷ :					
Target price	do .....	.....	.....	.....	.....
Loan rate	do	0.087	0.087	0.0891	0.0930
Soybeans:					
Target price	Bushel ...	.....	.....	.....	.....
Loan rate	do	4.92	4.92	4.99	5.26
Dry Peas					
Target price	Cwt. ....	.....	.....	.....	.....
Loan rate	do	4.92	4.92	4.99	5.26
Sugar, raw					
Target price	Pound	0.1800	0.1800	0.1800	0.1800
Loan rate	do	10.10	10.10	⁽¹⁰⁾ 10.85	⁽¹³⁾ 10.20
Milk for manufacturing					
Target price	Cwt.	10.10	10.10	⁽¹⁰⁾ 10.85	⁽¹³⁾ 10.20
Honey, extracted					
Target price	Pound	0.500	0.500	⁽¹¹⁾	⁽¹¹⁾
Mohair					
Target price	do	4.739	4.657	⁽¹²⁾	⁽¹²⁾
Wool					
Target price	Pound	2.09	2.12	⁽¹²⁾	⁽¹²⁾

See footnotes at end of table.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1994–2003 ^{1 2}—Continued

Commodity	Unit	1999	2000	2001	2002	2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Basic commodities:						
Corn:						
Target price	Bushel	(⁹)	(⁹)	(⁹)	(¹⁶) 2.60	2.60
Loan rate	do	1.89	1.89	1.89	1.98	1.98
Cotton:						
American upland: ³						
Target price	Pound	(⁹)	(⁹)	(⁹)	(¹⁶) 0.742	0.7420
Loan rate	do	0.5192	0.5192	0.5192	0.5200	0.5200
Extra-long staple:						
Target price	do	(⁹)	(⁹)	(⁹)	.....	.....
Loan rate	do	0.7965	0.7965	0.7965	0.7977	0.7977
Peanuts: ⁴						
Target price	do	.....	.....	.....	0.2475	0.4950
Loan rate	do	0.3050	0.3050	0.3050	0.1775	0.3550
Rice:						
Target price	Cwt.	(⁹)	(⁹)	(⁹)	(¹⁶) 10.50	10.50
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel	(⁹)	(⁹)	(⁹)	(¹⁶) 3.86	(¹⁶) 3.86
Loan rate	do	2.58	2.58	2.58	2.80	2.80
Tobacco:						
Flue-cured, types 11-14	Pound	1.632	1.640	1.660	1.656	.....
Fire-cured, type 21	do	1.559	1.559	1.572	1.603	.....
Fire-cured, types 22-23	do	1.716	1.716	1.736	1.767	.....
Burley, type 31	do	1.789	1.805	1.826	1.835	.....
Dark air-cured, types 35-36	do	1.481	1.481	1.499	1.526	.....
Virginia sun-cured, type 37	do	1.380	1.380	1.392	1.429	.....
Cigar filler, Puerto Rican, type 46	do	(⁸)	(⁸)	(⁸)	(⁸)	.....
Ohio filler and Wisconsin binder,	do	(⁸)	(⁸)	(⁸)	(⁸)	.....
types 42-44 and 53-55	do	1.238	1.238	1.252	1.286	.....
Barley: ⁶						
Target price	Bushel	(⁹)	(⁹)	(⁹)	(¹⁶) 2.21	(¹⁶) 2.21
Loan rate	do	1.59	1.62	1.65	1.88	1.88
Sorghum grain: ⁶						
Target price	Cwt.	(⁹)	(⁹)	(⁹)	(¹⁶) 4.54	(¹⁶) 4.54
Loan rate	do	3.11	3.05	3.05	3.54	3.54
Oats: ⁶						
Target price	Bushel	(⁹)	(⁹)	(⁹)	(¹⁶) 1.40	(¹⁶) 1.40
Loan rate	do	1.13	1.16	1.21	1.35	1.35
Rye: ⁶						
Target price	do	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)
Nonbasic commodities:						
Beans, dry edible	Cwt.	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)
Cottonseed	Ton	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)
Other oilseeds ⁷ :						
Target price	do	.....	.....	.....	(¹⁶) 9.80	(¹⁶) 9.80
Loan rate	do	9.30	9.30	9.30	9.60	9.60
Soybeans:						
Target price	Bushel	.....	.....	.....	(¹⁶) 5.80	(¹⁶) 5.80
Loan rate	do	5.26	5.26	5.26	5.00	5.00
Dry peas						
Target price	Cwt.	.....	.....	.....	(¹⁶) 6.33	(¹⁶) 6.33
Loan rate	do	.....	.....	.....	(¹⁶) 7.56	(¹⁶) 7.56
Small chick peas						
Target price	do	.....	.....	.....	(¹⁶) 11.94	(¹⁶) 11.94
Lentils						
Target price	do	.....	.....	.....	(¹⁶) 11.94	(¹⁶) 11.94
Loan rate	do	.....	.....	.....	(¹⁶) 11.94	(¹⁶) 11.94
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	(¹⁵) 9.90	9.90	9.90	9.90	9.90
Honey, extracted	Pound	0.59	0.59	(¹⁸) 0.65	0.60	0.60
Mohair	do	2.00	2.00	.....	(¹⁷) 4.20	(¹⁷) 4.20
Wool	Pound	(¹²)	(¹²)	(¹²)	(¹⁷) 0.40	(¹⁷) 1.00

¹ National averages during the marketing years for the individual crops, beginning in the years shown. ² The target price is known in the statute as the "established price". ³ 1¹/₁₆ strict low middling, micronaire 3.5 through 4.9. ⁴ For quota portion of crop (1993 through 2001). Enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) repealed the peanut quota marketing program; and established payment rates for the 2002/2003 and subsequent crops according to the provisions of the Direct Payment Program. ⁵ Grade No. 2 or better except for oats which is Grade No. 3. ⁶ The rye price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. Rye was not reestablished with the 2002 Act. ⁷ Includes flaxseed, sunflower seed (oil and other), safflower, rapeseed (industrial), canola, mustard seed and canola and sesame. ⁸ No support program. ⁹ The Federal Agriculture Improvement and Reform Act of 1996 replaced the deficiency payment/production adjustment programs for the program crops with a Production Flexibility Contract program, making target prices no longer applicable beginning with the 1996/97 marketing year. ¹⁰ As of January 1, 1996. ¹¹ The honey price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. ¹² The wool and mohair support programs terminated as of December 31, 1995, as required by Public Law 103-130. ¹³ As of January 1, 1997. ¹⁴ As of January 1, 1998. ¹⁵ As of January 1, 1999. ¹⁶ The Farm Security and Rural Investment Act of 2002 (2002 Act) reestablished target prices, now including soybeans and other oilseeds. The 2002 Act also established, for the first time, loan rates for dry peas, small chickpeas and lentils under the marketing loan program. ¹⁷ Wool and mohair programs were reestablished following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). First wool number is for ungraded/second is graded.

Table 9-38.—Farm income: Cash receipts by commodity groups and selected commodities, United States, 1995–2002¹

Commodity	1995	1996	1997	1998
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities	188,244,038	199,455,417	207,910,024	196,172,809
Livestock and products	87,217,115	92,948,988	96,473,145	94,112,122
Cattle and calves	34,044,036	30,976,868	35,999,622	33,415,407
Hogs	10,254,866	12,565,187	13,053,680	9,444,082
Sheep and lambs	566,100	612,170	632,602	479,760
Dairy products	19,879,611	22,785,017	20,940,261	24,114,036
Broilers	11,762,222	13,904,023	14,158,926	15,144,551
Farm chickens	60,218	59,043	71,219	75,262
Chicken eggs	3,892,912	4,776,255	4,539,929	4,439,446
Turkeys	2,769,397	3,045,718	2,814,997	2,616,280
Miscellaneous livestock	3,396,768	3,554,571	3,587,217	3,711,476

Commodity	1999	2000	2001	2002
All commodities	187,611,605	191,977,416	199,779,092	192,947,507
Livestock and products	95,610,969	99,545,041	106,412,979	93,479,835
Cattle and calves	36,529,975	40,711,032	40,442,129	37,968,464
Hogs	8,621,759	11,803,046	12,426,682	9,625,708
Sheep and lambs	462,297	465,478	392,820	422,986
Dairy products	23,207,093	20,607,889	24,709,749	20,546,980
Broilers	15,128,118	13,988,946	16,693,511	13,434,783
Farm chickens	72,712	64,376	46,342	49,012
Chicken eggs	4,287,164	4,347,994	4,446,333	4,262,664
Turkeys	2,754,104	2,765,347	2,729,457	2,643,036
Miscellaneous livestock	3,893,401	4,133,352	3,883,842	3,876,629

Commodity	1995	1996	1997	1998
Crops	101,026,923	106,506,429	111,436,879	102,060,687
Food grains	10,356,029	10,795,279	10,410,552	8,808,374
Feed crops	24,504,521	27,235,411	27,087,228	22,578,380
Cotton	6,850,629	6,983,125	6,345,803	6,072,960
Tobacco	2,548,399	2,794,668	2,873,917	2,802,755
Oil crops	15,492,964	16,344,700	19,758,302	17,371,715
Vegetables	14,982,903	14,410,671	14,668,839	15,106,951
Fruits/nuts	11,075,008	11,903,599	13,143,196	11,813,084
All other crops	15,216,470	16,038,976	17,149,042	17,506,468

Commodity	1999	2000	2001	2002
Crops	92,000,636	92,432,375	93,366,113	99,467,672
Food grains	6,950,305	6,544,130	6,438,485	6,426,140
Feed crops	19,508,502	20,498,706	21,420,541	23,653,029
Cotton	4,630,256	2,949,321	3,637,325	3,854,591
Tobacco	2,272,785	2,315,779	1,892,597	1,744,138
Oil crops	13,355,150	13,478,114	13,337,295	14,677,845
Vegetables	15,102,177	15,647,181	15,641,209	16,861,539
Fruits/nuts	11,900,091	12,526,886	12,021,864	13,042,446
All other crops	18,281,370	18,472,258	18,976,797	19,207,944

¹USDA 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, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of underestimation in some of the minor commodities can be substantial.

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Table 9-39.—Farm income, United States, 1995–2002 ¹

Item	1995	1996	1997	1998
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Total gross farm income	210.9	235.9	238.3	232.3
Value of Production ²	203.6	228.6	230.8	219.9
Crops	95.9	115.7	112.6	101.9
Livestock and products	87.8	92.1	96.5	94.2
Services and forestry	19.9	20.8	21.8	23.8
Direct government payments	7.3	7.3	7.5	12.4
Total production expenses	171.2	178.1	187.1	186.0
Net farm income	39.7	57.8	51.3	46.2
Gross cash income	206.0	217.8	227.5	222.5
Cash expenses	151.6	157.9	166.7	165.5
Net cash income	54.4	59.8	60.8	57.0

Item	1999	2000	2001	2002
Total gross farm income	234.5	241.4	248.4	228.2
Value of production ²	213.0	218.5	227.7	217.2
Crops	92.6	94.8	95.1	97.2
Livestock and product	95.3	99.3	106.4	93.2
Services and forestry	25.1	24.4	26.2	26.8
Direct government payments	21.5	22.9	20.7	11.0
Total production expenses	187.7	193.6	197.8	192.8
Net farm income	46.8	47.8	50.6	35.3
Gross cash income	224.0	228.6	235.3	219.4
Cash expenses	166.6	172.1	176.1	170.2
Net cash income	57.5	56.5	59.2	49.1

¹ Component values and additional details may be found in the value-added and cash income tables on the internet at <http://www.ers.usda.gov/data/farmincome/finfidmu.htm>.

² Includes cash receipts, value of change in inventories, and home consumption.

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Table 9-40.—Expenses: Farm production expenses, United States, 1995–2002

Item	1995	1996	1997	1998
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Total production expenses	171,245,224	178,079,623	187,055,773	186,040,876
Feed purchased	23,831,792	25,236,500	26,334,286	25,031,106
Livestock and poultry purchased	12,505,851	11,293,747	13,820,317	12,576,095
Seed purchased	5,462,504	6,212,496	6,712,122	7,212,375
Fertilizer and lime	10,029,114	10,928,865	10,927,288	10,624,228
Pesticides	7,718,683	8,518,355	9,017,509	9,017,479
Fuel and oil	5,426,473	5,978,944	6,242,613	5,599,761
Electricity	2,969,776	3,163,860	3,043,921	2,908,145
Other ¹	39,198,805	38,964,495	41,649,034	42,711,799
Interest	12,739,630	13,242,282	13,356,413	13,725,778
Contract and hired labor expenses	16,166,614	17,198,300	18,410,022	19,120,530
Net rent to nonoperator landlords ²	9,770,567	11,606,275	11,494,954	11,067,981
Capital consumption	18,998,936	19,187,653	19,389,013	19,720,233
Property taxes	6,426,479	6,547,851	6,658,281	6,725,366

Item	1999	2000	2001	2002
Total production expenses	187,687,805	193,630,556	197,841,307	192,833,300
Feed purchased	24,527,488	24,526,220	24,829,200	24,529,963
Livestock and poultry purchased	13,840,120	15,848,574	15,649,496	14,896,603
Seed purchased	7,212,887	7,512,933	8,213,240	8,413,155
Fertilizer and lime	9,921,871	10,022,045	10,324,453	9,521,629
Pesticides	8,618,352	8,517,380	8,617,230	8,216,818
Fuel and oil	5,589,181	7,207,845	6,906,982	6,486,857
Electricity	2,986,336	2,998,532	3,553,355	3,800,611
Other ¹	43,932,412	42,850,189	45,308,012	44,723,926
Interest	13,844,161	14,875,915	13,614,125	12,998,768
Contract and hired labor expenses	19,807,973	20,636,265	21,888,371	21,695,028
Net rent to nonoperator landlords ²	10,627,669	11,420,448	11,246,081	9,695,868
Capital consumption	19,971,874	20,306,600	20,783,158	21,466,500
Property taxes	6,807,480	6,907,609	6,907,604	6,907,574

¹ Includes repair and maintenance, machine hire and customwork, marketing, storage and transportation, insurance premiums, and miscellaneous other expenses. ² Includes landlord capital consumption.

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Table 9-41.—Farm marketings: Cash receipts, government payments, and principal commodities, by States, 2002

State	Cash receipts			Government payments	Rank
	Total	Crops	Livestock and rodents		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
AL	2,962,089	583,811	2,378,278	262,148	29-Broilers, cattle/calves, chicken eggs, greenhouse (83%).
AK	50,679	22,773	27,906	1,829	49-Greenhouse, dairy, hay, potatoes, (50%).
AZ	2,997,195	1,903,139	1,094,056	68,926	27-Lettuce, Cattle/calves, dairy, cotton (71%).
AR	4,526,611	1,574,866	2,951,745	446,553	14-Broilers, soybeans, cattle/calves, rice (67%).
CA	26,106,640	19,865,008	6,241,632	451,495	1-Dairy, greenhouse, grapes, lettuce (41%).
CO	4,880,517	1,378,928	3,501,589	188,414	12-Cattle/calves, corn, dairy, greenhouse (73%).
CT	468,489	314,125	154,364	4,916	43-Greenhouse, dairy, chicken eggs, aquaculture (66%).
DE	723,513	177,184	546,329	11,863	40-Broilers, greenhouse, corn, soybeans (81%).
FL	6,848,253	5,609,028	1,239,225	81,467	8-Greenhouse, oranges, sugar cane, tomatoes (56%).
GA	4,472,045	1,582,309	2,889,736	652,789	15-Broilers, chicken eggs, cotton, cattle/calves (65%).
HI	509,143	424,354	84,789	1,802	41-Pineapples, greenhouse, sugar cane, macadamia nuts (56%).
ID	3,933,672	1,935,141	1,998,531	163,322	19-Cattle/calves, dairy, potatoes, wheat (74%).
IL	7,486,125	5,923,828	1,562,297	612,706	6-Corn, soybeans, hogs, cattle/calves (88%).
IN	4,799,545	3,248,526	1,551,019	332,782	13-Corn, soybeans, hogs, dairy (75%).
IA	10,833,860	5,759,106	5,074,754	737,107	3-Corn, hogs, soybeans, cattle/calves (90%).
KS	7,861,794	2,536,465	5,325,329	452,680	5-Cattle/calves, wheat, corn, soybeans (86%).
KY	3,111,713	1,151,034	1,960,679	137,901	24-Horses/mules, tobacco, broilers, cattle/calves (65%).
LA	1,773,423	1,159,374	614,049	251,735	33-Sugar cane, cotton, cattle/calves, corn (47%).
ME	442,394	211,923	230,471	13,752	44-Potatoes, dairy, chicken eggs, aquaculture (65%).
MD	1,431,766	621,423	810,343	48,338	36-Broilers, greenhouse, dairy, corn (69%).
MA	380,274	297,024	83,250	6,204	45-Greenhouse, cranberries, dairy, sweet corn (64%).
MI	3,390,072	2,130,372	1,259,700	188,513	22-Dairy, greenhouse, soybeans, corn (59%).
MN	7,478,126	3,833,272	3,644,854	480,483	7-Corn, soybeans, hogs, dairy, (64%).
MS	2,962,343	1,012,645	1,949,698	249,758	28-Broilers, cotton, soybeans, aquaculture (71%).
MO	4,401,882	2,099,829	2,302,053	397,292	16-Soybeans, Cattle/calves, corn, hogs (62%).
MT	1,687,481	701,983	985,498	259,096	34-Cattle/calves, wheat, hay, barley (84%).
NE	9,588,658	3,764,363	5,824,295	485,091	4-Cattle/calves, corn, soybeans, hogs (91%).
NV	366,242	155,085	211,157	11,121	47-Cattle/calves, hay, dairy, onions (84%).
NH	147,573	91,297	56,276	3,895	48-Greenhouse, dairy, apples, cattle/calves (76%).
NJ	855,727	663,118	192,609	6,434	39-Greenhouse, horses/mules, blueberries, dairy (63%).
NM	1,956,978	574,926	1,382,052	72,996	32-Dairy, cattle/calves, hay, greenhouse (81%).
NY	3,104,484	1,234,324	1,870,160	158,174	25-Dairy, greenhouse, hay, apples (68%).
NC	6,602,899	2,658,886	3,944,013	268,132	9-Hogs, broilers, greenhouse, tobacco (66%).
ND	3,222,630	2,498,974	723,656	381,658	23-Wheat, cattle/calves, soybeans, sugar beets (60%).
OH	4,276,038	2,645,811	1,630,227	278,967	17-Soybeans, corn, greenhouse, dairy (62%).
OK	3,730,952	837,492	2,893,460	308,822	21-Cattle/calves, hogs, broilers, wheat (78%).
OR	3,102,265	2,294,134	808,131	80,290	26-Greenhouse, cattle/calves, dairy, hay (58%).
PA	4,042,439	1,360,038	2,682,401	129,113	18-Dairy, cattle/calves, agaricus mushrooms, greenhouse (65%).
RI	46,087	39,787	6,300	697	50-Greenhouse, dairy, sweet corn, potatoes (78%).
SC	1,452,079	691,852	760,227	64,019	35-Broilers, greenhouse, turkeys, tobacco (60%).
SD	3,779,495	1,719,982	2,059,513	281,256	20-Cattle/calves, corn, soybeans, hogs (80%).
TN	1,999,858	1,086,785	913,073	107,178	31-Cattle/calves, broilers, greenhouse, soybeans (50%).
TX	12,664,912	4,577,242	8,087,670	986,216	2-Cattle/calves, greenhouse, cotton, broilers (72%).
UT	1,057,178	249,426	807,752	45,719	37-Cattle/calves, dairy, hay, hogs (73%).
VT	476,352	76,178	400,174	36,341	42-Dairy, cattle/calves, greenhouse, maple products (88%).
VA	2,172,890	721,763	1,451,127	153,790	30-Broilers, cattle/calves, dairy, greenhouse (54%).
WA	5,208,955	3,713,638	1,495,317	214,138	11-Apples, dairy, cattle/calves, potatoes (53%).
WV	378,486	78,289	300,197	5,683	46-Broilers, cattle/calves, dairy, chicken eggs (67%).
WI	5,318,908	1,550,606	3,768,302	330,604	10-Dairy, cattle/calves, corn, soybeans (77%).
WY	875,784	126,213	749,571	47,260	38-Cattle/calves, hay, sugar beets, sheep/lambs (89%).
US	192,947,507	99,467,672	93,479,835	10,961,465	Cattle/calves, dairy, corn, greenhouse (47%).

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5592. Information contact: Larry Traub -- E-Mail: ltraub@ers.usda.gov or Roger Strickland -- E-Mail: rogers@ERS.USDA.gov August 5, 2003.

Table 9-42.—Average Income to Farm Operator Households, United States, 2000–2003^{1 2}

Item	2000 ³	2001	2002	2003
Dollars per farm				
Net cash farm business income ⁴	11,175	14,311	11,331	13,794
Less depreciation ⁵	7,357	7,609	8,189	NA
Less wages paid to operator ⁶	608	932	758	NA
Less farmland rental income ⁷	757	477	621	NA
Less adjusted farm business income due to other household(s) ⁸	801	1,083	1,248	NA
Dollars per farm operator household				
Equals adjusted farm business income	1,652	4,211	516	NA
Plus wages paid to operator	608	932	758	NA
Plus net income from farmland rental ⁹	NA	NA	NA	NA
Equals farm self-employment income	2,260	5,143	1,273	NA
Plus other farm-related earnings ¹⁰	339	396	2,199	NA
Equals earnings of the operator household from farming activities	2,598	5,539	3,473	3,991
Plus earnings of the operator household from off-farm sources ¹¹	59,349	58,578	62,285	63,462
Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS	61,947	64,117	65,257	67,453
Dollars per U.S. household				
U.S. average household income ¹²	57,045	58,208	57,852	NA
Percent				
Average farm operator household income as percent of U.S. average household income	108.6	110.2	113.7	NA
Average operator household earnings from farming activities as percent of average operator household income	4.2	8.6	5.3	5.9

NA = Not available. *The relative standard error exceeds 25 percent, but is no more than 50 percent. ¹This table derives farm operator household income estimates from the Agricultural Resource Management Study (ARMS) that are consistent with Current Population Survey (CPS) methodology. The CPS, conducted by the Census Bureau, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. The CPS definition departs from a strictly cash concept by including depreciation as an expense that farm operators and other self-employed people subtract from gross receipts when reporting net cash income. ²Preliminary. ³Prior to 2000, net cash income from operating another farm and net cash income from farm land rental were included in earnings from farming activities. However, because of a change in the ARMS survey design, net cash income from a farm other than the one being surveyed and net income from farm land rentals are not separable from total off-farm income. Although there is no effect upon estimates of farm operator household income in 2000, estimates of farm self-employment, other farm related earnings, earnings of the household from farming activities, and earnings of the farm from off-farm sources are not strictly comparable to those from previous years. ⁴A component of farm sector income. Excludes income of contractors and landlords as well as the income of farms organized as non-family corporations or cooperatives and farms run by a hired manager. Includes the income of farms organized as proprietorships, partnerships, and family corporations. ⁵Consistent with the CPS definition of self-employment income, reported depreciation expenses are subtracted from net cash income. The ARMS collects farm business depreciation used for tax purposes. ⁶Wages paid to the operator are subtracted here because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. ⁷Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. ⁸More than one household may have a claim on the income of a farm business. On average, 1.1 households share the income of a farm business. ⁹Includes net rental income from the business. Also includes net rental income from farmland held by household members that is not part of the farm business. Beginning in 2000, net income from farmland rental is considered as part of off-farm income. (See footnote 2.) ¹⁰Wages paid to other operator household members by the farm business and net cash income from a farm business other than the one being surveyed. In 2000 and 2001, however, net cash income from a farm businesses other than the one being surveyed is included in off-farm earnings. (See footnote 3.) ¹¹Wages, salaries, net income from nonfarm businesses, interest, dividends, transfer payments, etc. In 2000 and 2001, also includes net cash income from other farm and net cash income from farm rental (See footnote 3.) ¹²From the CPS. Sources: U.S. Dept. of Agriculture, Economic Research Service, 2000, 2001 and 2002 Agricultural Resource Management Study (ARMS) for farm operator household data. U.S. Dept. of Commerce, Bureau of the Census, Current Population Survey (CPS), for U.S. average household income. For information on household income contact: Bob Green (202) 694-5568. Email rgreen@ers.usda.gov or Bob Hoppe (202) 694-5572. Email rhoppe@ers.usda.gov.

ERS, Farm Structure and Performance Branch, (202) 694-5568.

Table 9-43.—Grazing fees: Rates for cattle by selected States and regions, 2002–2003

State	Monthly lease rates for private non-irrigated grazing land ¹					
	Animal unit ²		Cow-calf		Per head	
	2002	2003	2002	2003	2002	2003
	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>
AZ	7.30	7.50	(7)	(7)	7.80	8.50
CA	12.80	13.50	16.50	17.50	14.00	14.30
CO	12.60	13.00	14.90	14.60	12.80	13.50
ID	11.70	12.00	13.70	14.00	12.20	12.60
KS	13.00	13.50	16.00	16.50	13.00	13.50
MT	15.10	15.20	17.30	17.40	16.30	15.90
NE	20.90	21.60	25.00	26.00	22.00	23.40
NV	10.50	10.50	11.50	11.80	11.50	11.80
NM	8.80	8.60	10.70	12.40	9.90	10.00
ND	12.50	13.50	13.50	14.50	12.00	14.00
OK	7.50	7.00	8.50	9.00	7.50	7.50
OR	11.80	12.50	12.60	14.80	10.20	12.20
SD	16.90	17.30	19.10	20.20	18.00	19.20
TX	9.00	8.50	10.00	9.00	9.20	9.00
UT	11.60	11.60	13.70	13.40	12.10	12.50
WA	9.60	11.20	11.00	11.70	9.60	11.20
WY	13.50	13.40	15.60	15.50	14.00	13.90
17-State ³	12.30	12.30	14.20	14.40	12.70	13.10
16-State ⁴	13.50	13.80	15.80	16.40	14.00	14.60
11-State ⁵	12.50	12.80	14.60	15.10	13.00	13.40
9-State ⁶ ..	12.20	12.10	14.10	14.10	12.60	12.90

¹The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Agricultural Survey. ²Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf *0.833). ³Seventeen Western States: All States listed. ⁴Sixteen Western States: All States, except Texas. ⁵Eleven Western States: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, and WY. ⁶Nine Great Plains States: CO, KS, NE, NM, ND, OK, SD, TX, and WY. ⁷Insufficient data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.