

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

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

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

- Economic trends, table 9-1.
- Farm property, table 9-2.
- Population and employment, table 9-15.
- Farm production and distribution, table 9-23.
- Price and income, table 9-29.
- Costs and expenses, table 9-41.

Table 9-1.—Economic trends: Data relating to agriculture, United States, 1986–95

Year	Prices paid by farmers ¹			Farm income ²			
	Total including interest, taxes, and wage rates	Production items	Prices received by farmers ¹	Gross farm income ⁶	Production expenses	Net income	
						Current dollars	1987 dollars
	<i>Index numbers 1990–92=100</i>	<i>Index numbers 1990–92=100</i>	<i>Index numbers 1990–92=100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1986	85	86	87	156.1	125.2	30.9	32.1
1987	87	87	89	168.4	131.0	37.4	38.0
1988	91	92	99	177.9	139.9	38.0	36.1
1989	96	97	104	191.9	146.7	45.3	41.5
1990	99	99	104	198.2	153.4	44.8	39.5
1991	100	100	100	191.8	153.3	38.5	32.7
1992	101	101	98	200.6	152.2	48.1	39.6
1993	104	102	101	204.2	160.5	43.6	34.1
1994	106	107	100	215.8	167.4	48.4	37.0
1995	110	109	102	210.4	175.6	34.8	n.a.

Year	National income ³	Disposable 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 1987=100</i>	<i>Index numbers 1982–84=100</i>	<i>Index numbers 1982=100</i>
1986	3,516.5	3,187.6	100.0	109.6	107.3
1987	3,778.1	3,363.1	95.3	113.6	109.5
1988	4,108.6	3,640.8	104.4	118.3	112.6
1989	4,362.1	3,894.5	106.0	124.0	118.7
1990	4,611.9	4,166.8	106.0	130.7	124.4
1991	4,719.7	4,343.7	104.2	136.2	124.1
1992	4,950.8	4,613.7	107.7	140.3	123.3
1993	5,195.3	4,790.2	111.5	144.5	125.7
1994	5,501.6	5,021.7	118.1	148.2	126.8
1995	5,813.5	5,320.8	121.9	152.4	129.0

¹ U.S. Department of Agriculture - NASS. ² U.S. Department of Agriculture - ERS. ³ U.S. Department of Commerce. ⁴ Federal Reserve Board. ⁵ U.S. Department of Labor. ⁶ Preliminary. Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories. n.a. = not available.
ERS, Farm Business Economics Branch, (202) 219-0800.

Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1987–96

Year	Farms ¹		Land in farms		Average size of farm	
	<i>Number</i>		<i>1,000 acres</i>		<i>Acres</i>	
1987	2,212,960		998,923		451	
1988	2,200,940		994,423		452	
1989	2,174,520		990,723		456	
1990	2,145,820		986,850		460	
1991	2,116,760		981,736		464	
1992	2,107,840		978,503		464	
1993	2,083,430		976,463		469	
1994	2,064,720		973,403		471	
1995	2,071,520		972,253		469	
1996 ²	2,063,010		968,048		469	

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

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

Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic class, United States, June 1, 1995–96

Economic sales class value of sales	Percent of total				Average size of farm	
	Farms		Land		1995	1996 ¹
	1995	1996 ¹	1995	1996 ¹		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000–\$2,499	21.5	22.6	2.7	3.0	59	63
\$2,500–\$4,999	14.4	14.3	2.9	3.1	94	102
\$5,000–\$9,999	13.0	12.6	4.1	4.5	148	168
\$10,000–\$19,999	11.7	11.4	6.6	6.5	265	268
\$20,000–\$39,999	10.5	10.2	9.8	9.8	438	451
\$40,000–\$99,999	12.8	12.6	20.2	19.9	734	741
\$100,000–\$249,999	10.3	10.2	25.7	25.2	1,170	1,159
\$250,000–\$499,999	3.5	3.8	13.1	12.9	1,755	1,593
\$500,000+	2.3	2.4	14.9	15.1	3,038	2,952
Total	100.0	100.0	100.0	100.0	469	469

¹ Preliminary.

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

Table 9-4.—Land in farms: Classification by tenure of operator, United States, 1910–92

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<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

¹ Includes Alaska and Hawaii.

ERS, Natural Resources and Environment Division, (202) 219-0424. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 9-5.—Farms: Classification by tenure of operator, United States, 1910–92

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1910	6,365,822	52.7	9.3	.9	37.0
1920	6,453,991	52.2	8.7	1.1	38.1
1925	6,371,640	52.0	8.7	.6	38.6
1930 ¹	6,295,103	46.3	10.4	.9	42.4
1935	6,812,350	47.1	10.1	.7	42.1
1940 ¹	6,102,417	50.6	10.1	.6	38.8
1945	5,859,169	56.4	11.3	.7	31.7
1950 ¹	5,388,437	57.4	15.3	.4	26.9
1954	4,783,021	57.4	18.2	.4	24.0
1959 ¹	3,710,503	57.1	21.9	.6	20.5
1964 ¹	3,157,857	57.6	24.8	.6	17.1
1969 ¹	2,730,250	62.5	24.6	.....	12.9
1974 ¹	2,314,013	61.5	27.2	.....	11.3
1978 ¹	2,257,775	57.5	30.2	.....	12.3
1982 ¹	2,240,976	59.2	29.3	.....	11.6
1987 ¹	2,087,759	59.3	29.2	.....	11.5
1992 ¹	1,925,300	57.7	31.0	.....	11.3

¹ Includes Alaska and Hawaii.
 ERS, Natural Resources and Environment Division, (202) 219-0424. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 9-6.—Farms: Classification by Tenants and Part Owners, United States, 1900–92

Year	Land in farms	Land rented by operators ¹			Percentage of land rented
		Tenants	Part-owners	Total	
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Percent</i>
1900	841.8	195.1	2 71.1	266.2	31.6
1910	878.8	225.5	3 51.3	277.8	31.6
1920	958.7	4 265.0	5 54.7	319.7	33.3
1925	924.3	264.9	96.3	361.2	39.0
1930	990.1	307.3	125.2	432.5	43.6
1935	1,054.5	336.8	134.3	471.1	44.6
1940	1,165.1	313.2	155.9	469.1	44.0
1945	1,141.6	251.6	178.9	430.5	37.7
1950	1,161.4	212.2	196.2	408.4	35.2
1954	1,158.2	192.6	212.3	404.9	34.9
1959	1,123.0	166.8	234.1	400.9	35.7
1964	1,110.2	144.9	248.1	393.0	35.4
1969	1,063.3	137.6	241.8	379.4	35.7
1974	1,017.0	122.3	258.4	380.7	37.4
1978	1,029.7	124.1	285.3	406.3	39.4
1982	986.2	113.6	269.9	383.5	38.9
1987	964.5	126.9	275.4	402.3	41.7
1992	945.5	122.7	282.2	404.9	42.8

¹ Columns 3, 4, and 5 refer only to land rented from others and operated, so subleased land is not included. Numbers of land rented are comparable in the same year, but definitions change over time. Basic sources are 1969 Census of Agriculture, table 5, p.14; 1974 Census of Agriculture, table 3, pp.1-6; 1978 Census of agriculture, vol. 1, part 51, table 5, pp. 124-127; 1982 Census of Agriculture, vol. 1, part 51, table 48, p. 49; 1987 Census of Agriculture vol. 1 part 51, table 48, p.49; 1992 Census of Agriculture vol. 1, part 51, table 46, p.53; and earlier census volumes as noted. 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, Natural Resources and Environment Division, (202) 501-8283. Data from the Census of Agriculture, U.S. Department of Commerce and Economic Research Service.

Table 9-7.—Farms: Number and land in farms, by States, 1995 and 1996

State	Farms ¹		Land in farms	
	1995	1996 ²	1995	1996 ²
	Number	Number	1,000 acres	1,000 acres
AL	47,000	45,000	10,200	9,800
AK	520	510	920	920
AZ	7,400	7,500	35,400	35,400
AR	43,000	43,000	15,000	15,000
CA	80,000	82,000	30,000	30,000
CO	25,000	24,500	32,700	32,500
CT	3,800	3,800	380	380
DE	2,500	2,500	570	565
FL	39,000	40,000	10,300	10,300
GA	45,000	43,000	12,000	11,800
HI	4,800	4,600	1,590	1,590
ID	21,500	22,000	13,500	13,500
IL	77,000	76,000	28,100	28,100
IN	62,000	60,000	15,900	15,900
IA	100,000	98,000	33,200	33,200
KS	66,000	66,000	47,800	47,800
KY	89,000	88,000	14,000	14,000
LA	27,000	27,000	8,500	8,700
ME	7,600	7,400	1,350	1,340
MD	14,300	13,700	2,200	2,100
MA	6,000	6,200	570	570
MI	54,000	53,000	10,700	10,600
MN	87,000	87,000	29,800	29,800
MS	42,000	44,000	13,000	12,600
MO	105,000	104,000	30,000	30,000
MT	22,000	22,000	59,700	59,700
NE	56,000	56,000	47,000	47,000
NV	2,500	2,500	8,800	8,800
NH	2,300	2,400	440	430
NJ	9,000	9,200	850	840
NM	13,500	13,500	44,000	43,700
NY	36,000	36,000	7,700	7,700
NC	58,000	58,000	9,200	9,200
ND	32,000	31,000	40,300	40,300
OH	74,000	72,000	15,200	15,100
OK	71,000	72,000	34,000	34,000
OR	38,500	38,500	17,500	17,500
PA	50,000	50,000	7,700	7,700
RI	700	700	63	63
SC	22,000	21,500	5,050	5,000
SD	33,000	32,500	44,000	44,000
TN	81,000	80,000	12,000	11,800
TX	202,000	205,000	129,000	127,000
UT	13,400	13,400	11,100	11,000
VT	6,000	6,000	1,370	1,350
VA	47,000	48,000	8,600	8,600
WA	36,000	36,000	15,800	15,700
WV	20,000	20,000	3,700	3,700
WI	80,000	79,000	16,900	16,800
WY	9,200	9,100	34,600	34,600
US	2,071,520	2,063,010	972,253	968,048

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

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

Table 9-8.—Land: Utilization, by States, 1992

State	Cropland			Grassland pasture ²	Forest land ³	Special use areas ⁴	Other land ⁵	Total land area ⁶
	Used for crops ¹	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	2,152	852	1,535	1,917	21,941	1,373	2,710	32,480
AK	28	61	7	1,156	87,936	143,616	132,235	365,039
AZ	961	231	111	40,641	15,968	12,320	2,499	72,731
AR	7,566	793	2,067	2,532	17,423	1,418	1,529	33,328
CA	8,017	1,168	1,227	24,434	34,679	13,373	16,925	99,823
CO	8,348	2,157	1,177	28,087	18,837	4,957	2,823	66,386
CT	142	13	33	37	1,718	294	864	3,101
DC	464	14	10	11	386	102	264	1,251
DE	0	0	0	0	0	0	39	39
FL	2,451	503	973	5,697	15,683	4,939	4,312	34,558
GA	3,918	1,423	1,187	1,689	23,631	1,874	3,346	37,068
HI	136	120	38	976	1,435	759	647	4,111
ID	4,799	1,063	815	20,219	18,033	5,227	2,805	52,961
IL	23,012	1,670	903	1,590	4,030	1,919	2,456	35,580
IN	11,735	964	705	1,261	4,296	897	3,099	22,957
IA	23,414	2,994	2,194	1,518	1,944	1,566	2,130	35,760
KS	25,213	3,467	3,815	13,880	1,337	1,644	3,011	52,367
KY	4,977	1,271	3,454	1,359	12,360	997	1,011	25,429
LA	4,118	900	876	1,619	13,855	1,423	5,091	27,882
ME	410	108	73	38	17,461	452	1,211	19,753
MD	1,480	99	169	212	2,474	659	1,163	6,256
MA	171	14	45	35	2,778	559	1,414	5,016
MI	7,068	1,038	517	1,736	17,442	2,469	6,088	36,358
MN	19,472	3,003	1,036	1,673	15,632	4,313	5,825	50,954
MS	4,794	1,298	1,327	2,206	16,991	870	2,539	30,025
MO	12,529	2,201	5,402	6,478	13,377	1,721	2,387	44,095
MT	13,941	3,028	1,551	47,364	18,592	6,091	2,589	93,156
NE	19,428	2,089	2,586	20,917	568	1,480	2,134	49,202
NV	478	89	264	46,061	7,224	7,569	8,590	70,275
NH	109	8	26	48	4,785	266	498	5,740
NJ	485	55	69	33	1,764	715	1,627	4,748
NM	1,303	649	530	52,478	14,164	5,927	2,622	77,673
NY	3,377	481	710	1,292	16,291	3,749	4,323	30,223
NC	4,315	785	835	984	18,710	2,271	3,280	31,180
ND	24,444	3,463	1,715	10,951	338	1,603	1,642	44,156
OH	10,043	951	891	1,478	7,623	1,161	4,062	26,209
OK	9,996	1,556	4,462	17,364	7,122	1,396	2,058	43,954
OR	3,720	743	818	22,456	26,614	3,612	3,478	61,441
PA	4,004	419	738	1,088	15,946	2,356	4,134	28,685
RI	19	3	4	2	377	59	205	669
SC	1,903	643	513	477	12,179	1,059	2,497	19,271
SD	15,458	2,439	2,485	23,947	1,450	1,602	1,192	48,573
TN	4,133	946	2,598	1,367	13,275	2,233	1,828	26,390
TX	21,574	6,432	11,053	101,301	14,548	5,029	7,688	167,625
UT	1,202	345	561	23,760	14,078	5,549	7,093	52,588
VT	408	19	158	191	4,474	338	332	5,920
VA	2,562	350	1,524	1,728	15,353	1,441	2,385	25,343
WA	6,500	1,184	551	7,590	17,985	6,298	2,504	42,612
WV	644	80	662	524	11,916	680	909	15,415
WI	8,148	1,151	1,086	1,896	15,257	2,242	5,008	34,761
WY	1,984	351	721	44,905	5,766	6,296	2,124	62,147
US	337,553	55,684	66,807	591,176	648,046	280,763	283,225	2,263,254

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

ERS, Natural Resources and Environment (202) 219-0424. 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 9-9.—Land in farms: ¹ Irrigated land, by States, 1959–92

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

¹ Data may not add because of rounding. ² Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. ³ Less than 500 acres. ⁴ Not available.

ERS, Natural Resources and Environment Division (202) 219-0424. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 9-10.—Farm real estate: Value of farmland and buildings, by States, 1992–96¹

State	Total value of land and buildings				
	Jan. 1, 1992	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
AL	9,173	10,000	11,393	12,875	13,594
AZ	11,072	11,218	11,522	12,282	14,125
AR	12,470	13,464	13,992	14,747	14,836
CA	65,141	66,390	66,169	66,456	72,105
CO	13,120	13,973	15,658	17,020	18,150
CT	2,149	2,384	2,533	2,495	2,588
DE	1,205	1,280	1,431	1,533	1,643
FL	21,347	20,981	22,303	22,860	23,752
GA	12,403	13,685	13,959	15,076	16,025
ID	9,180	9,207	10,450	11,286	12,223
IL	43,315	43,499	47,588	52,346	58,000
IN	21,200	22,320	24,061	26,302	28,642
IA	38,510	40,360	42,532	44,786	47,876
KS	21,988	22,131	24,035	25,573	26,417
KY	13,931	15,186	16,021	17,498	19,283
LA	8,056	8,359	8,402	9,199	10,234
ME	1,467	1,582	1,675	1,681	1,730
MD	5,566	6,404	7,282	8,155	8,034
MA	2,734	2,988	3,203	3,077	3,190
MI	11,948	12,102	12,985	14,219	15,579
MN	26,343	27,027	27,135	27,907	29,079
MS	9,651	9,946	10,701	11,432	11,557
MO	22,240	23,375	24,835	26,411	28,445
MT	13,140	13,575	15,165	16,529	17,273
NE	24,351	24,209	26,485	28,074	29,695
NV	2,332	2,243	2,355	2,543	2,925
NH	925	993	1,082	1,094	1,109
NJ	5,905	6,040	6,370	6,844	6,865
NM	9,370	8,575	9,184	9,883	11,287
NY	9,340	10,020	10,925	10,628	10,266
NC	13,823	14,786	14,965	16,092	18,120
ND	12,847	13,534	14,278	15,041	15,417
OH	21,359	22,131	24,212	27,359	30,033
OK	16,388	16,864	17,572	18,609	18,609
OR	10,623	11,603	13,076	14,776	16,239
PA	16,584	16,242	17,528	18,013	19,292
RI	355	397	433	438	454
SC	5,990	5,856	6,141	6,749	6,816
SD	12,641	12,067	12,658	13,306	14,038
TN	13,673	15,065	15,000	16,035	18,006
TX	63,440	64,870	67,396	70,968	71,894
UT	5,029	5,499	5,957	6,731	7,671
VT	1,749	1,919	2,048	2,026	2,070
VA	14,294	14,070	14,534	15,232	16,557
WA	14,080	14,272	16,194	16,825	17,538
WV	3,119	3,141	3,217	3,368	3,570
WI	14,965	15,818	16,367	18,004	19,741
WY	5,017	5,501	6,211	6,633	7,118
48 States	695,545	717,147	759,217	807,017	859,711

¹Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

Table 9-11.—Land utilization, United States, selected years, 1940–92

Major land uses	1940	1950	1959	1969	1978	1982	1987	1992
	<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	383	331	337
Idle cropland	31	32	33	51	26	21	68	56
Cropland used only for pasture	68	69	66	88	76	65	65	67
Grassland pasture ²	650	631	633	604	587	597	591	591
Forest land ³	608	601	728	723	703	655	648	648
Special uses ⁴ .....	.....	.....	147	174	203	320	335	340
Other land	179	194	305	291	301	224	227	224
Total land area ⁵	1,904	1,904	2,271	2,264	2,265	2,265	2,265	2,263

¹Cropland harvested, crop failure, and cultivated summer fallow. ²Grassland and other nonforest pasture and range. ³Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. ⁵Remeasurement 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, Natural Resources and Environment Division (202) 219-0424. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

Table 9-12.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 1992–96¹

State	Mar. 1, 1970	Jan. 1, 1992	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
AL	200	936	1,000	1,117	1,262	1,387
AZ	70	311	316	325	347	399
AR	260	815	880	927	983	989
CA	479	2,157	2,213	2,213	2,215	2,404
CO	95	400	426	479	520	558
CT	921	5,241	5,959	6,495	6,567	6,810
DE	499	2,042	2,246	2,511	2,689	2,907
FL	355	2,033	2,037	2,165	2,219	2,306
GA	234	1,025	1,131	1,154	1,256	1,358
ID	177	680	682	774	836	905
IL	490	1,536	1,548	1,694	1,863	2,064
IN	406	1,325	1,395	1,504	1,654	1,801
IA	392	1,153	1,212	1,281	1,349	1,442
KS	159	460	463	503	535	553
KY	253	988	1,077	1,136	1,250	1,377
LA	321	926	972	1,000	1,082	1,176
ME	161	1,033	1,130	1,232	1,245	1,291
MD	640	2,530	2,911	3,310	3,707	3,826
MA	565	4,340	4,898	5,339	5,398	5,597
MI	326	1,106	1,131	1,214	1,329	1,470
MN	226	884	910	914	936	976
MS	234	754	777	836	886	917
MO	224	734	774	825	880	948
MT	60	219	227	254	277	289
NE	154	517	514	562	596	632
NV	53	262	252	268	289	332
NH	239	2,103	2,256	2,459	2,486	2,578
NJ	1,092	6,710	6,942	7,407	8,052	8,172
NM	42	212	194	208	225	258
NY	273	1,139	1,237	1,383	1,380	1,333
NC	333	1,455	1,573	1,609	1,749	1,970
ND	94	318	335	353	373	383
OH	399	1,396	1,456	1,593	1,800	1,989
OK	173	482	496	517	547	547
OR	150	607	663	747	844	928
PA	373	2,073	2,056	2,247	2,339	2,505
RI	734	5,627	6,304	6,871	6,947	7,204
SC	261	1,152	1,137	1,204	1,337	1,363
SD	84	286	273	286	302	319
TN	268	1,130	1,245	1,250	1,336	1,526
TX	148	488	499	522	550	566
UT	92	445	491	537	606	697
VT	224	1,223	1,342	1,463	1,479	1,534
VA	286	1,643	1,636	1,690	1,771	1,925
WA	224	880	892	1,025	1,065	1,117
WV	136	843	849	869	910	965
WI	232	865	925	968	1,065	1,175
WY	41	145	159	180	192	206
48 States	196	713	736	782	832	890

ERS, Natural Resources and Environment Division, (202) 219-0435.

Table 9-13.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1986–95

Item	1986 ¹	1987	1988	1989	1990
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	542.3	578.9	595.5	615.7	628.2
Non-real estate:					
Livestock ²	47.8	58.0	62.2	66.2	70.9
Machinery and motor vehicles	81.5	80.0	81.2	85.1	85.4
Crops stored on and off farms ³	16.3	17.5	23.3	23.4	23.0
Purchased inputs	2.1	3.2	3.5	2.6	2.8
Financial assets:					
Investments in cooperatives	24.4	25.3	25.1	26.3	27.5
Other ⁴	10.0	9.9	10.3	10.5	11.0
Total⁵	724.4	772.6	801.1	829.7	848.6
CLAIMS					
Liabilities:					
Real estate debt	90.4	82.4	77.6	75.4	74.1
Non-real estate debt to—					
Reporting institutions ⁶	54.4	51.1	50.0	49.6	50.5
Nonreporting creditors ⁷	12.1	10.9	11.7	12.2	12.7
Total liabilities⁵	157.0	144.4	137.4	137.2	137.4
Proprietors' equity	567.4	628.2	661.7	692.4	710.9
Total⁵	724.4	772.6	801.1	829.7	848.3

Item	1991	1992	1993	1994	1995 ⁸
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	625.5	642.8	674.0	706.9	755.7
Non-real estate:					
Livestock ²	68.1	71.0	72.8	67.9	58.0
Machinery and motor vehicles	85.9	85.5	86.7	87.9	86.9
Crops stored on and off farms ³	20.7	22.7	20.4	22.5	25.1
Purchased inputs	2.7	3.9	4.2	5.0	3.4
Financial assets:					
Investments in cooperatives	28.6	29.4	30.8	31.0	31.3
Other ⁴	11.8	13.6	15.7	16.9	17.5
Total⁵	843.5	868.9	904.6	938.1	998.0
CLAIMS					
Liabilities:					
Real estate debt	74.9	75.4	76.0	77.7	79.3
Non-real estate debt to—					
Reporting institutions ⁶	51.3	50.4	51.7	53.9	55.3
Nonreporting creditors ⁷	13.0	13.2	14.2	15.2	16.2
Total liabilities⁵	139.2	139.1	142.0	146.8	150.8
Proprietors' equity	704.3	729.9	762.6	791.3	827.2
Total⁵	843.5	868.9	904.6	938.1	998.0

¹Beginning with 1983, data are for farms included in new farm definition, that is assets and debts on places with sales less than \$1,000 annually are excluded. ²Horses and mules are excluded. ³Excludes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans. ⁴Includes farm share of currency and demand deposits. ⁵Total of rounded data. ⁶Loans of all operating banks, the Farm Credit System, and direct loans of the Farm Service Agency. ⁷Loans and credits extended by dealers, merchants, finance companies, individuals, and others. ⁸Preliminary.

Table 9-14.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, United States, Census years ¹, 1954–92

Year	Tractors (exclusive of garden)				Motor-trucks	Grain combines ³	Cornheads ⁴	Pickup balers ⁵	Field forage harvesters ⁶
	Total ²	Wheel	Crawler	Horse-power					
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1954	4,345	4,185	160	126	2,702	979	688	448	202
1959	4,688	4,489	199	153	2,834	1,042	792	680	291
1964	4,786	4,601	186	176	3,030	910	690	751	316
1969	4,622	4,419	203	203	2,985	790	635	708	304
1974	4,467	4,312	155	222	3,038	524	615	666	255
1978	n.a.	⁷ 4,626	n.a.	301	3,358	655	694	744	295
1982	n.a.	4,524	n.a.	309	3,435	644	684	800	285
1987	n.a.	4,609	n.a.	n.a.	3,437	667	n.a.	823	n.a.
1992	n.a.	4,305	n.a.	n.a.	3,295	569	n.a.	790	n.a.

¹Data as of December 31. Data are from Census of Agriculture. ²Includes wheel and crawler-type tractors. ³Data for 1974 and after are for self-propelled combines only. ⁴Includes corn pickers and picker shells. ⁵Does not include balers, producing bales weighing more than 200 pounds. ⁶Data for 1978 and after do not include flail-type forage harvesters. ⁷U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier Census years, because they include State-level data from farm operators represented on the Census mailing list, plus estimates from the direct enumeration sample for farms not represented on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. n.a. not available.
ERS, Natural Resource Conservation and Management Branch, (202) 219-0422.

Table 9-15.—The Farm Entrepreneurial Population and Farm Operators and Managers, 1992–94 ¹

Characteristics	Farm Entrepreneurial Population			Farm Operators and Manager ²		
	1992	1993	1994	1992	1993	1994
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Northeast	375	376	449	79	94	119
Midwest	2,168	2,284	2,188	528	601	633
South	1,567	1,564	1,455	372	369	386
West	757	639	932	207	184	246
Male	2,614	2,565	2,681	1,024	1,071	1,071
Female	2,253	2,298	2,343	161	177	314
White	4,679	4,686	4,867	1,135	1,220	1,363
Black	113	78	81	20	14	8
Hispanic origin	118	129	178	25	23	34
Median age (years)	36.5	36.4	35.0	48.3	48.7	47.5
Total	4,867	4,862	5,024	1,186	1,248	1,384
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Educational Attainment ³						
Not High School	14.6	15.0	14.6	19.8	19.4	19.7
High school grad. only	44.2	42.9	41.7	49.5	44.5	44.1
Some college or more	41.3	42.0	43.7	30.7	36.2	36.1

Source: March Current Population Survey.
¹ The farm entrepreneurial population consist of all persons in households where at least one member is employed primarily as a farm operator or farm manager or at least one member received farm self-employment income in the preceding year. ² Farm operators and managers are those individuals who indicated that their longest job was as a farm operator or manager. ³ Educational attainment applies to persons age 25 years and older.
ERS, Population, Labor & Income Branch, (202) 219-0592.

Table 9-16.—Farm machines, selected types: Units shipped in the United States, 1986–95

Year	Moldboard plows	Subsoilers, deep tillage	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Cultivators ¹	Power sprayers and dusters ²	Crop dryers ³
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1986	1,902	1,000	2,805	2,817	4,110	41,506	11,043
1987	867	1,202	3,644	4,198	6,720	43,716	6,587
1988	1,574	2,102	4,596	4,207	10,154	43,832	3,923
1989	1,952	2,661	4,446	6,403	13,106	46,224	5,401
1990	2,665	2,516	4,225	7,255	15,449	49,992	4,533
1991	1,382	1,999	3,413	3,829	10,580	48,845	10,201
1992 .....	.....	2,968	.....	3,186	9,274	49,138	14,906
1993 .....	.....	3,350	.....	2,885	8,741	19,708	24,561
1994 .....	.....	4,173	.....	5,074	8,378	.....	22,891
1995 .....	.....	3,750	.....	5,127	7,700	.....	23,546

Year	Side delivery rakes	Hay balers ⁴	Field forage harvesters	Combines (harvester threshers)	Small grain headers for combines	Corn picking units (combine attachments)	Cotton strippers and pickers ⁵
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1986	5,339	16,325	1,997	8,288	9,835	4,291	2,986
1987	4,230	18,002	2,209	9,484	9,212	4,485	2,978
1988	7,127	25,974	3,508	7,573	14,302	.....	4,242
1989	10,925	33,373	3,958	11,229	20,316	.....	3,879
1990	12,251	36,422	4,631	14,629	24,573	.....	3,872
1991	8,738	25,336	3,192	11,555	16,969	.....	.....
1992	7,288	20,607	1,719	9,236	13,014	.....	.....
1993	7,931	21,705	1,976	.....	.....	.....	.....
1994	9,933	26,547	2,310	.....	.....	.....	.....
1995	10,204	23,948	1,788	.....	.....	.....	.....

Year	Peanut combines, diggers, shakers, and windrowers	Potato harvesters ⁶	Manure spreaders	Feed grinders and crushers	Silo and grain bin unloaders	Milking machines ⁷	Mower-conditioners (combination) ⁸
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1986	1,148	195	10,719	2,073	4,719	30,442	10,556
1987	1,031	260	11,815	2,537	7,273	37,517	11,738
1988	1,422	289	14,383	2,322	11,596	39,539	15,856
1989	3,621	393	12,935	2,301	14,446	38,709	21,035
1990	5,431	466	12,978	2,211	18,490	42,870	29,306
1991 .....	.....	.....	9,562	2,000	31,294	25,928	21,176
1992 .....	.....	.....	9,940	2,432	33,768	31,214	14,842
1993 .....	.....	.....	9,914	2,293	34,822	33,211	17,240
1994 .....	.....	.....	11,141	2,259	17,292	.....	22,938
1995 .....	.....	.....	7,941	1,864	36,835	.....	19,894

¹ Row cultivators, tractor-drawn or mounted; corn and cotton type; rotary cultivators not included. ² Does not include foggers and mist sprayers. ³ Starting 1993 includes only self-propelled, tractor mounted, and other PTO and engine driven sprayers. ⁴ Beginning 1991, includes heated and cold air crop dryers. ⁵ Beginning 1991, includes stackers and loaders. ⁶ Beginning in 1986, includes potato diggers, corn harvesting equipment, picker-shellers, and field shelling attachments for corn pickers. ⁷ Beginning in 1987, beet harvesters are included. ⁸ Includes all mechanical milking machines, vacuum pumping outfits, and complete pipeline milking units. Beginning 1991, excludes vacuum pumping outfits. ⁹ Includes self-propelled windrowers.

Table 9-17.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1984-95

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and similar equipment	Planting and fertilizing machinery	Harvesting machinery	Haying equipment	Dairying equipment, sprayers, and elevators	All other farm machinery ¹
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1984	6,837,222	152,464	242,884	601,094	1,424,639	611,586	428,195	3,376,360
1985	5,317,903	110,984	166,014	453,250	1,190,831	498,116	403,597	2,495,111
1986	4,355,561	75,310	99,238	371,210	1,230,124	383,434	371,742	1,824,503
1987	4,804,864	74,643	99,918	409,082	1,282,315	433,671	364,727	2,140,508
1988	6,198,210	117,725	136,923	508,566	1,422,751	574,587	434,828	3,002,830
1989	7,631,496	130,754	207,834	638,248	1,858,777	731,077	478,197	3,586,609
1990	8,809,218	135,972	212,376	676,159	2,302,510	875,104	516,009	4,091,088
1991	7,705,700	119,600	321,600	601,000	2,158,000	659,100	449,200	3,397,200
1992	7,234,500	107,400	273,400	634,100	1,863,700	558,200	469,900	3,327,800
1993	8,127,600	123,400	281,000	804,600	2,036,900	622,500	591,100	3,668,100
1994	9,263,000	144,700	181,000	949,100	2,201,400	784,600	709,000	4,293,200
1995	9,897,000	146,200	176,000	833,100	2,663,200	728,300	766,200	4,584,000

¹ Tractors are reported in the all other category to avoid disclosing figures.

ERS, Natural Resource Conservation and Management Branch, (202) 219-0422. Data is from the Current Industrial Reports, MA35A, Farm Machinery, Department of Commerce.

Table 9-18.—Farm labor: Number of workers on farms and average wage rates, by States and regions, 1996 ¹

State and region ²	Workers on farms		Farm wage rates ⁴				
	Unpaid ³	Hired	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	
<i>Jan. 7-13, 1996</i>							
Northeast I	10	28	7.53	5.63	6.30	7.38	6.81
Northeast II	20	21	6.53	5.54	6.04	7.19	6.46
Appalachian I	16	23	5.97	6.20	6.13	6.24	7.16
Appalachian II	20	16	5.41	5.93	5.62	5.70	6.92
Southeast	7	22	6.00	6.13	6.04	6.18	7.35
FL	6	47	6.40	6.25	6.38	6.45	10.60
Lake	43	40	6.97	5.68	5.97	6.82	6.80
Cornbelt I	32	34	7.15	6.47	6.81	6.91	7.82
Cornbelt II	30	26	5.89	6.23	6.10	6.10	6.67
Delta	18	21	6.04	5.92	5.97	5.64	7.27
N. Plains	39	27	7.46	6.59	6.79	6.99	7.34
S. Plains	49	47	5.31	5.89	5.59	5.73	6.69
Mountain I	7	21	6.75	6.31	6.42	6.08	6.80
Mountain II	6	11	6.80	6.29	6.49	6.74	7.43
Mountain III	24	18	5.42	5.90	5.57	5.81	7.59
Pacific	10	37	6.95	7.26	7.00	6.90	9.21
CA	10	152	6.25	7.21	6.35	6.35	10.18
HI	1	7	8.34	(³)	8.34	8.67	13.93
US (49 States)	348	598	6.33	6.20	6.28	6.44	7.72
<i>Apr. 7-13, 1996</i>							
Northeast I	16	33	7.47	6.20	6.93	7.27	7.28
Northeast II	24	35	6.62	5.31	6.11	6.79	6.72
Appalachian I	18	38	5.60	6.21	5.78	5.78	6.96
Appalachian II	26	20	5.84	5.75	5.80	5.71	8.03
Southeast	13	32	5.52	5.63	5.56	5.86	6.18
FL	7	50	6.12	7.10	6.27	6.35	10.65
Lake	56	59	6.78	6.39	6.56	6.77	7.41
Cornbelt I	44	43	6.57	6.76	6.61	6.64	8.35
Cornbelt II	38	27	6.47	7.00	6.67	6.43	7.35
Delta	18	44	5.38	5.74	5.46	5.45	6.18
N. Plains	57	36	6.76	5.79	6.32	6.50	6.51
S. Plains	54	64	5.38	5.53	5.45	5.79	6.62
Mountain I	13	27	5.54	5.29	5.42	5.69	5.90
Mountain II	10	15	5.60	5.88	5.73	6.24	7.38
Mountain III	23	19	5.67	6.03	5.74	5.97	7.51
Pacific	27	46	6.83	7.22	6.87	6.87	10.88
CA	10	185	6.53	7.50	6.64	6.69	9.99
HI	1	7	8.79	(³)	8.76	9.04	14.83
US (49 States)	455	780	6.31	6.22	6.28	6.44	7.56

See footnotes at end of table.

Table 9-18.—Farm labor: Number of workers on farms and average wage rates, by States and regions¹, 1996—Continued

State and region ²	Workers on farms		Farm wage rates ⁴				
	Unpaid ⁶	Hired	Type of worker			Method of pay ⁶	
			Field	Livestock	Field and livestock	Hourly	Other
Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	
<i>July 7-13, 1996</i>							
Northeast I	N.A.	49	6.80	5.97	6.55	N.A.	N.A.
Northeast II	N.A.	43	6.28	5.94	6.16	N.A.	N.A.
Appalachian I	N.A.	57	5.36	6.09	5.53	N.A.	N.A.
Appalachian II	N.A.	37	5.35	6.04	5.46	N.A.	N.A.
Southeast	N.A.	30	5.62	5.25	5.58	N.A.	N.A.
FL	N.A.	43	6.35	7.10	6.45	N.A.	N.A.
Lake	N.A.	81	6.51	6.02	6.31	N.A.	N.A.
Cornbelt I	N.A.	54	6.70	6.65	6.69	N.A.	N.A.
Cornbelt II	N.A.	46	5.97	5.48	5.84	N.A.	N.A.
Delta	N.A.	40	5.96	5.75	5.91	N.A.	N.A.
No. Plains	N.A.	43	6.30	5.78	6.20	N.A.	N.A.
So. Plains	N.A.	70	5.17	5.84	5.36	N.A.	N.A.
Mountain I	N.A.	30	6.06	5.75	5.90	N.A.	N.A.
Mountain II	N.A.	21	5.88	6.05	5.92	N.A.	N.A.
Mountain III	N.A.	20	5.80	5.99	5.87	N.A.	N.A.
Pacific	N.A.	109	6.30	8.20	6.43	N.A.	N.A.
CA	N.A.	235	6.33	7.27	6.42	N.A.	N.A.
HI	N.A.	7	8.74	(³)	8.74	N.A.	N.A.
United States (49 States)	N.A.	1,015	6.16	6.20	6.17	N.A.	N.A.
<i>October 6-12, 1996</i>							
Northeast I	N.A.	52	7.21	6.28	6.92	N.A.	N.A.
Northeast II	N.A.	38	6.91	5.57	6.58	N.A.	N.A.
Appalachian I	N.A.	42	5.98	6.35	6.04	N.A.	N.A.
Appalachian II	N.A.	33	5.84	5.73	5.82	N.A.	N.A.
Southeast	N.A.	36	6.54	5.71	6.45	N.A.	N.A.
FL	N.A.	45	6.31	6.65	6.35	N.A.	N.A.
Lake	N.A.	67	7.56	6.47	7.13	N.A.	N.A.
Cornbelt I	N.A.	50	6.48	7.19	6.58	N.A.	N.A.
Cornbelt II	N.A.	40	6.34	6.58	6.43	N.A.	N.A.
Delta	N.A.	42	5.57	6.02	5.65	N.A.	N.A.
No. Plains	N.A.	47	7.02	6.46	6.93	N.A.	N.A.
So. Plains	N.A.	63	5.38	6.00	5.56	N.A.	N.A.
Mountain I	N.A.	23	6.16	7.31	6.60	N.A.	N.A.
Mountain II	N.A.	23	6.11	6.95	6.34	N.A.	N.A.
Mountain III	N.A.	19	5.94	6.37	6.11	N.A.	N.A.
Pacific	N.A.	101	7.29	7.28	7.29	N.A.	N.A.
CA	N.A.	206	6.67	7.25	6.74	N.A.	N.A.
HI	N.A.	8	8.60	(³)	8.65	N.A.	N.A.
United States (49 States)	N.A.	935	6.58	6.57	6.58	N.A.	N.A.

¹ Excludes agricultural service workers. ² 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. ³ Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during survey week. ⁴ Includes all persons doing work for pay during survey week. ⁵ Insufficient data. ⁶ Discontinued. N.A.= Not available.

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

Table 9-19.—Farm labor: Number of workers on farms and average wage rates, United States, 1987–96¹

Year	Total workers	Unpaid workers ²	Hired workers ³	Hired farm workers ³
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Wage rates</i>
1987				
Apr	2,636	1,751	885	4.90
July	3,211	1,941	1,270	4.78
Oct	2,843	1,846	997	4.92
1988				
Apr	2,732	1,796	936	5.00
July	3,218	2,018	1,200	4.90
Oct	2,913	1,937	976	5.18
1989				
Jan	2,322	1,621	701	5.51
Apr	2,607	1,777	830	5.35
July	3,448	2,251	1,197	5.23
Oct	3,076	2,093	983	5.42
1990				
Jan	2,447	1,752	695	5.70
Apr	2,761	1,928	833	5.54
July	3,335	2,229	1,106	5.30
Oct	3,022	2,087	935	5.64
1991				
Jan	2,446	1,740	706	6.00
Apr	2,743	1,917	826	5.81
July	3,318	2,205	1,113	5.57
Oct	3,002	2,006	996	5.88
1992				
Jan	2,449	1,746	703	6.37
Apr	2,669	1,832	837	6.05
July	3,172	2,140	1,032	5.82
Oct	2,950	2,058	892	6.09
1993				
Jan	2,348	1,737	611	6.40
Apr	2,660	1,832	828	6.37
July	3,225	2,163	1,062	6.07
Oct	2,966	2,038	928	6.26
1994				
Jan	2,340	1,703	637	6.54
Apr	2,679	1,876	803	6.42
July	3,169	2,129	1,040	6.21
Oct	2,886	2,006	880	6.46
1995				
Jan	2,291	1,662	629	6.73
Apr	2,643	1,821	822	6.49
July	3,324	2,258	1,066	6.44
Oct	3,084	2,127	957	6.58
1996				
Jan	2,347	348	598	6.89
Apr	2,699	455	780	6.76
July	N.A.	N.A.	1,015	6.55
Oct	N.A.	N.A.	935	6.97

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 doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages. ³ Includes all persons doing farm work for pay during the survey week. ⁴ Discontinued. N.A.=Not available.

Table 9-20.—Hired Farmworkers: Number of Workers and Median Weekly Earnings, 1993–95^{1 2}

Characteristics	Workers			Median Weekly Earnings ³		
	1993	1994	1995	1993	1994	1995
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
All workers	803	779	832	220	238	240
15–19 years old	112	84	107	125	130	128
20–24 years old	106	125	132	210	225	250
25–34 years old	236	223	227	250	250	250
35–44 years old	175	164	148	250	262	269
45–54 years old	97	105	118	250	248	260
55 years old and older	77	78	100	200	228	227
Male	680	653	704	225	248	250
Female	123	126	128	192	180	200
White ⁴	462	393	439	225	240	240
Black and other races ⁴	71	59	45	200	210	204
Hispanic	270	326	348	225	235	248
Schooling completed ⁵						
Less than 5th grade	132	105	121	210	200	230
5th–8th grade	140	175	184	200	231	240
9th–12th grade (no diploma)	175	173	183	200	200	200
High school diploma	217	202	220	240	270	280
Beyond high school	139	123	124	270	300	300
Full-time (35 or more hours per week)	619	628	691	250	250	260
Part-time (less than 35 hours per week)	184	151	141	100	115	100

¹Represents 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.

²Data for 1994 and 1995 are not directly comparable with data for 1993 and earlier years because of survey redesign.

³"Median weekly earnings" is the value that divides the earnings into two equal parts, one part having earnings above the median and the other part having earnings below the median. "Earnings" refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions.

⁴Excludes persons of Hispanic origin.

⁵Educational attainment levels, prior to January 1992, reflected years of schooling completed rather than degrees or diplomas received.

ERS, Population, Labor and Income Branch, (202) 219–0937.

Table 9-21.—Crops: Area, United States, 1987–96

Year	Principal crops				Commercial vegetables, harvested area ⁴	Fruits and planted nuts, bearing area ⁵
	Area harvested			Area planted total ³		
	Feed grains ¹	Food grains ²	Total ³			
	<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>
1987	86,881	58,949	288,532	315,263	2,434.6	3,503.9
1988	80,458	56,684	288,995	318,032	2,472.3	3,514.2
1989	91,081	65,360	304,574	331,152	2,624.5	3,506.9
1990	89,517	72,301	307,768	326,337	2,671.5	3,504.7
1991	91,921	60,979	303,352	325,362	2,643.8	3,486.4
1992	95,908	66,284	306,652	326,453	3,323.2	3,534.9
1993	82,393	65,926	295,529	319,553	3,215.3	3,656.1
1994	92,481	65,493	308,135	323,964	3,428.6	3,693.0
1995	82,514	64,423	301,032	318,238	3,409.5	3,750.5
1996	94,522	65,996	313,533	334,562	3,296.9	3,750.7

¹Corn for grain, oats, barley, and sorghum for grain. ²Wheat, rye, and rice. ³Crops 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. ⁴Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. ⁵Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, apricots, bananas, nectarines, figs, kiwifruit, olives, avocados, papayas, dates, persimmons, pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios.

NASS, Crops Branch, (202) 720–2127.

Table 9-22.—Crops: Area, yield, production, and value, United States, 1994–96¹

Crop	Area harvested ²			Unit	Yield per harvested acre ³			Production			Value of production		
	1994	1995	1996 ⁴		1994	1995	1996 ⁴	1994	1995	1996 ⁴	1994	1995	1996 ⁴
	1,000 acres	1,000 acres	1,000 acres					Thou-sands	Thou-sands	Thou-sands	1,000 dollars	1,000 dollars	1,000 dollars
Corn for grain	72,887.0	64,995.0	73,147.0	Bushel	138.6	113.5	127.1	10,102,735	7,373,876	9,293,435	22,992,309	24,117,503	24,852,806
Corn for silage	5,601.0	5,295.0	5,395.0	Ton	15.8	14.7	15.4	88,588	77,867	83,094	.....	.....	.....
Sorghum for grain	8,917.0	8,278.0	11,901.0	Bushel	72.8	55.6	67.5	649,206	460,373	802,974	1,323,801	1,395,413	2,053,266
Sorghum for silage	329.0	368.0	371.0	Ton	12.0	9.9	11.7	3,932	3,652	4,356	.....	.....	.....
Oats ⁵	4,010.0	2,962.0	2,687.0	Bushel	57.1	54.7	57.8	229,008	162,027	155,225	299,810	280,547	309,006
Barley ⁵	6,667.0	6,279.0	6,787.0	Bushel	56.2	57.3	58.5	374,862	359,562	396,851	783,709	1,028,756	1,091,378
Wheat, all ⁵	61,770.0	60,945.0	62,850.0	Bushel	37.6	35.8	36.3	2,320,981	2,182,591	2,281,763	7,968,237	9,787,213	9,763,670
Winter ⁵	41,355.0	40,972.0	39,709.0	Bushel	40.2	37.7	37.2	1,661,943	1,544,653	1,478,048	5,578,351	6,717,800	6,383,010
Durum ⁵	2,715.0	3,356.0	3,546.0	Bushel	35.6	30.5	32.7	96,747	102,280	115,840	449,041	567,541	525,684
Other spring ⁵	17,700.0	16,617.0	19,595.0	Bushel	31.8	32.2	35.1	562,291	535,658	687,875	1,940,845	2,501,872	2,854,976
Rice	3,316.0	3,093.0	2,799.0	Cwt	5.964	5.621	6.121	197,779	173,871	171,321	1,336,570	1,587,236	1,611,959
Rye ⁵	407.0	385.0	347.0	Bushel	27.9	26.1	26.0	11,341	10,064	9,016	30,520	28,948	33,406
Soybeans for beans	60,859.0	61,624.0	63,409.0	Bushel	41.4	35.3	37.6	2,516,694	2,176,814	2,382,364	13,756,328	14,616,758	16,276,833
Peanuts for nuts	1,618.5	1,517.0	1,391.5	Pound	2,624	2,282	2,619	4,247,455	3,461,475	3,644,660	1,229,012	1,013,323	963,537
Sunflower	3,430.0	3,368.0	2,499.0	Pound	1,410	1,190	1,435	4,836,185	4,009,340	3,586,615	512,791	457,575	405,373
Canola	340.0	429.0	346.0	Pound	1,316	1,278	1,384	447,440	548,263	478,881	49,802	60,817	61,811
Mustard seed	13.4	22.0	18.6	Pound	970	832	785	12,998	18,304	14,601	1,401	2,227	2,460
Rapeseed	6.7	2.4	2.2	Pound	1,880	1,255	1,470	12,596	3,012	3,234	1,292	361	429
Safflower	228.0	237.0	230.0	Pound	1,871	1,770	1,829	426,588	419,490	420,665	62,488	61,059	76,319
Flaxseed	171.0	147.0	92.0	Bushel	17.1	15.0	17.4	2,922	2,211	1,602	13,590	11,475	10,009
Cotton lint	13,322.3	16,006.7	12,833.4	Bale	708	537	709	19,662.0	17,899.8	18,951.4	6,796,654	6,574,612	6,524,437
Cottonseed .....	.....	.....	.....	Ton .....	.....	.....	.....	7,603.9	6,848.7	7,271.3	771,315	731,005	933,764
Hay, all	58,735.0	59,629.0	61,029.0	Ton	2.55	2.59	2.45	150,060	154,166	149,457	11,113,656	11,041,844	11,970,263
Beans, dry edible	1,835.2	1,899.3	1,717.7	Cwt	1,582	1,622	1,592	29,028	30,812	27,354	632,461	636,133	679,823
Potatoes	1,379.7	1,372.1	1,425.3	Cwt	339	323	349	467,054	443,606	497,119	2,590,257	2,991,722	2,515,018
Sweetpotatoes	82.8	83.6	85.1	Cwt	162	154	160	13,395	12,906	13,605	187,383	204,658	199,493
Tobacco	671.1	663.1	733.9	Pound	2,359	1,913	2,133	1,582,896	1,268,538	1,565,447	2,779,056	2,305,167	2,937,838
Sugarbeets	1,443.0	1,420.1	1,322.9	Ton	22.1	19.8	20.1	31,853	28,065	26,570	1,234,470	1,070,663	.....
Sugarcane for sugar and seed	936.8	932.3	887.5	Ton	33.0	33.0	32.9	30,929	30,796	29,224	857,438	859,604	.....
Peppermint oil	108.5	135.3	131.4	Pound	69	70	72	7,459	9,449	9,424	109,255	130,048	128,459
Spearmint oil	28.4	28.8	22.7	Pound	78	79	95	2,213	2,274	2,150	27,592	27,858	26,153
Taro .....	.5	.6	.5	Pound	12,400	12,400	11,100	6,100	6,800	5,900	2,806	3,264	2,891
Hops	42.4	43.2	44.2	Pound	1,758	1,826	1,700	74,559.6	78,852.4	74,970.5	134,701	135,087	123,944
Ginger root (HI) .....	.2	.1	.2	Pound	40,000	43,000	47,000	6,000	5,800	9,400	5,220	5,046	7,050
Apples, commercial crop	459.3	460.5	460.4	Pound	25,000	23,000	22,700	5,750.3	5,292.5	5,217.0	1,467,093	1,765,582	1,840,187
Peaches	173.6	172.7	171.8	Pound	14,500	13,300	12,100	1,256.8	1,150.8	1,035.2	314,699	404,990	378,305
Pears	70.5	70.6	70.7	Ton	14.80	13.40	11.00	1,046.2	948.3	778.8	233,107	257,964	297,472
Grapes	761.4	752.6	759.4	Ton	7.71	8.14	7.30	5,873.6	5,922.3	5,545.0	1,882,781	2,046,266	2,242,084
Cherries, sweet	46.7	47.4	48.0	Ton	4.44	3.49	3.22	207.3	165.5	154.3	200,574	193,315	223,425
Cherries, tart	47.6	45.6	41.6	Pound	6,390	8,670	6,500	304.2	395.6	270.3	48,379	18,456	N.A.
Apricots	21.3	21.3	21.4	Ton	7.20	2.84	3.73	153.2	60.5	79.8	48,883	27,744	37,152
Plums (California)	41.6	42.0	41.3	Ton	5.94	2.95	5.38	247.0	124.0	222.0	79,358	117,849	93,257
Prunes, dried (California)	78.9	78.8	79.7	Ton	2.45	2.30	2.72	193.0	181.0	217.0	210,370	188,240	N.A.

See footnotes at end of table.

Table 9-22.—Crops: Area, yield, production, and value, United States, 1994–96¹—Continued

Crop	Area harvested ²			Unit	Yield per harvested acre ³			Production			Value of production		
	1994	1995	1996 ⁴		1994	1995	1996 ⁴	1994	1995	1996 ⁴	1994	1995	1996 ⁴
	1,000 acres	1,000 acres	1,000 acres					Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	1,000 dollars
Prunes and plums, fresh basis (excluding California)	6.8	6.4	5.9	Ton	5.60	3.52	3.39	38.1	22.5	20.0	5,401	6,718	8,524
Figs ⁷	14.6	14.7	15.0	Ton	3.88	3.44	2.85	56.7	50.6	42.8	23,768	15,841	12,606
Nectarines	28.8	32.4	33.7	Ton	8.40	5.43	7.21	242.0	176.0	243.0	68,168	93,990	115,029
Olives	32.0	33.7	33.7	Ton	2.63	2.30	4.93	84.0	77.5	166.0	38,994	48,760	104,681
Dates	5.5	5.5	5.5	Ton	4.18	4.00	3.84	23.0	22.0	21.1	17,250	16,456	19,011
Kiwifruit	6.9	6.6	6.6	Ton	5.71	5.76	4.62	39.4	38.0	30.5	18,413	15,089	N.A.
Avocados ⁸	73.5	65.9	N.A.	Ton	2.38	2.89	N.A.	175.3	190.3	N.A.	240,929	237,941	N.A.
Bananas	.9	.9	.9	Pound	14.7	14.0	14.0	13,700	13,000	13,000	5,069	5,200	5,070
Papayas	2.2	2.4	1.8	Pound	28.2	20.9	24.6	62,000	50,800	45,000	13,831	18,494	15,975
Pineapples	22.3	19.9	20.0	Ton	N.A.	N.A.	N.A.	365.0	345.0	347.0	78,890	87,360	95,914
Cranberries	31.1	32.8	33.5	Barrel	150.5	127.8	137.8	4,682	4,193	4,617	230,795	223,938	N.A.
Strawberries	49.0	48.3	48.5	Cwt	336	331	336	16,494	16,012	16,274	837,038	812,312	770,324
Oranges ⁹	711.9	771.2	808.3	Box	338	342	336	240,450	263,605	271,790	1,541,296	1,632,414	1,894,781
Grapefruit ⁹	155.0	166.4	174.6	Box	420	427	379	65,100	71,050	66,200	341,977	329,460	310,265
Lemons ⁹	61.1	61.8	60.5	Box	424	382	431	25,900	23,600	26,100	257,362	263,441	252,993
Limes ⁹	1.9	1.9	2.0	Box	105	121	150	200	230	300	3,691	3,329	3,746
Tangerines ⁹	29.9	34.3	38.7	Box	247	195	209	7,400	6,700	8,100	92,055	101,350	112,029
Tangelos ⁹	11.3	12.4	12.7	Box	296	254	193	3,350	3,150	2,450	18,323	16,541	16,404
Temple ⁹	6.7	6.8	6.6	Box	336	375	326	2,250	2,550	2,150	12,687	14,930	15,151
Almonds	409.0	400.0	410.0	Pound	1,800	925	1,270	735,000	370,000	520,000	965,202	880,896	1,048,320
Hazelnuts (filberts)	27.4	27.8	28.4	Ton	.77	1.40	.67	21.1	39.0	19.0	17,604	35,611	15,909
Macadamia nuts	18.5	19.3	19.2	Pound	2,840	2,640	2,860	52,500	51,000	55,000	36,225	37,740	41,800
Pecans	N.A.	N.A.	N.A.	Pound	N.A.	N.A.	N.A.	199,000	268,000	226,800	207,345	271,818	151,056
Pistachios	57.5	60.3	64.1	Pound	2,240	2,450	1,650	129,000	148,000	106,000	118,809	161,320	119,780
Walnuts	171.0	169.0	169.0	Ton	1.36	1.38	1.21	232.0	234.0	205.0	238,960	327,600	N.A.
Coffee	4.4	5.4	5.7	Pound	980	1,000	1,140	4,300	5,400	6,500	.....	.....	.....
Commercial Vegetables:													
Fresh Market													
Artichokes	8.5	8.9	8.5	Cwt	130	92	94	1,105	819	799	61,577	61,965	58,729
Asparagus ¹⁰	76.8	72.3	73.6	Cwt	29	28	27	2,197	2,024	1,989	177,641	177,170	156,701
Beans, lima	5.0	5.5	4.7	Cwt	30	30	29	150	165	136	4,350	5,280	4,216
Beans, snap	84.5	88.7	78.5	Cwt	49	50	47	4,177	4,441	3,711	157,465	162,260	156,356
Broccoli ¹⁰	120.6	121.4	116.0	Cwt	117	122	123	14,094	14,815	14,321	374,049	414,804	396,395
Brussel sprouts	3.5	3.4	3.3	Cwt	180	165	170	630	561	561	15,471	14,390	16,131
Cabbage	74.6	73.7	74.3	Cwt	342	312	327	25,511	22,994	24,299	232,207	260,644	245,155
Cantaloups	103.4	102.8	104.2	Cwt	176	188	212	18,246	19,278	22,119	300,618	350,698	400,795

See footnotes at end of table.

Table 9-22.—Crops: Area, yield, production, and value, United States, 1994–96¹—Continued

Crop	Area harvested ²			Unit	Yield per harvested acre ³			Production			Value of production		
	1994	1995	1996 ⁴		1994	1995	1996 ⁴	1994	1995	1996 ⁴	1994	1995	1996 ⁴
	1,000 acres	1,000 acres	1,000 acres					Thou-sands	Thou-sands	Thou-sands	1,000 dollars	1,000 dollars	1,000 dollars
Carrots ¹⁰	74.6	81.1	92.9	Cwt	305	289	291	22,745	23,478	27,033	295,311	394,356	347,164
Cauliflower ¹⁰	53.8	51.1	46.1	Cwt	131	128	142	7,039	6,528	6,560	198,351	216,548	216,737
Celery	28.5	28.1	27.0	Cwt	608	670	699	17,328	18,830	18,861	216,378	306,828	197,753
Corn, sweet	225.7	218.7	221.2	Cwt	98	98	103	22,007	21,399	22,730	378,970	389,288	376,798
Cucumbers	58.6	59.8	56.2	Cwt	164	169	175	9,590	10,079	9,843	153,149	166,333	186,939
Eggplant	3.4	3.3	2.5	Cwt	229	192	237	780	633	592	20,886	16,225	15,766
Escarole/endive	3.7	3.5	3.7	Cwt	156	152	151	578	532	558	15,151	14,642	12,901
Garlic	27.0	28.0	31.0	Cwt	170	165	175	4,590	4,620	5,425	183,852	140,700	145,592
Honeydew melons	24.7	26.0	27.3	Cwt	168	167	196	4,147	4,332	5,346	68,184	89,193	91,265
Lettuce, head	213.0	197.2	202.6	Cwt	317	316	325	67,418	62,349	65,852	895,928	1,463,348	975,541
Lettuce, leaf	37.6	39.1	41.3	Cwt	226	228	226	8,496	8,924	9,334	232,772	309,477	253,935
Lettuce, Romaine	26.4	30.5	35.5	Cwt	277	280	277	7,314	8,530	9,834	145,705	215,026	193,568
Onions	160.4	164.0	160.6	Cwt	396	391	383	63,531	64,182	61,568	626,778	633,692	589,938
Peppers, bell	64.0	67.6	68.5	Cwt	241	213	241	15,422	14,431	16,503	456,245	452,786	461,104
Spinach	17.2	16.8	15.9	Cwt	117	119	123	2,010	1,996	1,950	58,462	64,048	58,387
Tomatoes	136.0	132.8	118.8	Cwt	276	260	260	37,582	34,535	30,854	1,029,282	891,343	879,318
Watermelons	207.9	203.9	207.5	Cwt	192	198	213	39,984	40,444	44,128	271,677	357,062	275,650
Processing:													
Beans, lima	47.3	51.8	47.0	Tons	1.36	1.37	1.43	64,430	70,850	67,170	28,570	31,589	30,115
Beans, snap	218.9	213.0	198.8	Tons	3.68	3.27	3.82	805,790	695,450	760,170	133,857	120,992	134,906
Beets	9.9	10.6	10.2	Tons	15.11	14.15	12.34	149,620	150,000	125,870	8,133	8,814	8,092
Cabbage for sauerkraut	6.3	7.6	7.3	Tons	29.36	22.88	19.44	184,960	173,870	141,920	7,385	7,549	6,029
Carrots	23.6	27.9	24.8	Tons	22.31	20.99	22.85	550,020	585,550	566,580	42,587	46,443	39,914
Corn, sweet	516.1	483.9	474.2	Tons	7.23	6.87	6.95	3,731,040	3,324,150	3,296,330	256,087	251,156	258,840
Cucumbers for pickles	116.0	116.9	105.8	Tons	5.44	5.22	5.44	631,340	610,460	575,720	138,600	135,803	142,784
Peas, green	289.4	304.0	247.2	Tons	1.69	1.62	1.67	488,580	492,590	413,800	124,138	131,762	117,496
Spinach	21.7	21.4	21.1	Tons	7.61	7.28	7.86	165,060	155,820	165,850	16,200	15,970	17,105
Tomatoes	340.1	344.4	339.1	Tons	33.94	32.77	33.64	11,542,310	11,286,040	11,408,740	716,628	713,544	723,914

¹Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops. ²Bearing acreage for noncitrus fruits. ³Yield per bearing acre for noncitrus fruits. ⁴Preliminary. ⁵Includes area seeded in preceding fall. ⁶Clean basis. ⁷Fresh basis. ⁸Year of bloom. ⁹Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. ¹⁰For breakdown between fresh market and processing, see individual crop tables. N.A. = Not available.

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

Table 9-23.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1985–94 [1982=100]

Year	Livestock and products					Crops								
	Farm output	All live-stock and products ¹	Meat animals ²	Dairy products ³	Poultry and eggs ⁴	All crops	Feed crops ⁵	Food grains ⁶	Oil crops ⁷	Cotton and cotton seed	Tobacco	Vegetables and melons ⁸	Fruits and nuts ⁹	Other crops ¹⁰
1985	103	104	99	105	108	102	107	88	96	114	77	109	98	113
1986	100	105	100	106	112	97	102	77	88	83	58	110	95	122
1987	102	107	101	105	122	98	91	77	88	128	61	120	108	134
1988	95	109	103	107	125	86	67	70	72	133	69	109	116	141
1989	103	110	103	106	130	98	91	77	87	104	71	114	111	145
1990	108	111	103	109	138	106	94	99	87	133	83	125	110	154
1991	109	114	106	109	144	105	92	75	93	151	85	130	109	156
1992	116	117	107	112	151	115	107	93	99	139	88	134	114	163
1993	109	117	107	111	157	102	82	88	85	139	83	128	122	161
1994 ¹¹	122	122	110	113	165	121	110	89	114	171	80	143	125	171

¹ Includes wool, mohair, horses, mules, honey, beeswax, bees, goats, rabbits, aquaculture, and fur animals. These items are not included in the separate groups of livestock and products shown. ² Cattle and calves, sheep and lambs, and hogs. ³ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁴ Chicken eggs, commercial broilers, chickens, and turkeys. ⁵ Feed grains and forage crops. ⁶ All wheat, rye, and rice. ⁷ Soybeans, peanuts harvested for nuts, sunflower seed, and flaxseed. ⁸ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. ⁹ Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom. ¹⁰ Includes sugar crops, floriculture and ornamentals, forest products, legums and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber. ¹¹ Not available.
ERS, Environmental Indicators and Resource Accounting Branch (202) 501-8362.

Table 9-24.—Total farm input: Index numbers of farm input, by major subgroups, United States, 1985–94
[1982=100]

Year	Total input	Farm labor	Farm real estate	Durable equipment	Energy	Agricultural chemicals ¹	Feed, seed, and livestock purchases ²	Other purchased inputs ³
1985	93	91	97	86	90	100	93	95
1986	90	84	95	80	84	110	94	85
1987	88	84	91	74	93	101	91	92
1988	88	86	91	70	93	92	90	94
1989	87	87	93	67	92	96	86	98
1990	89	85	92	65	92	99	93	99
1991	90	88	91	63	92	104	93	101
1992	88	83	91	61	92	104	94	99
1993	89	80	89	60	92	109	95	106
1994	89	80	90	58	95	111	96	111

¹ Includes fertilizer, lime, and pesticides. ² Includes broiler- and egg-type chicks and turkey poults and imports of livestock for purposes other than immediate slaughter. ³ Includes purchased services and miscellaneous inputs.
ERS, Environmental Indicators and Resource Accounting Branch (202) 501-8362.

Table 9-25.—Livestock and livestock products: Production and value, United States, 1993–95

Product	Production ¹			Value of production		
	1993	1994	1995 ²	1993	1994	1995 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	40,875,341	42,095,787	42,722,072	30,329,553	26,861,431	24,822,009
Sheep and lambs	688,594	630,033	600,120	394,444	360,279	412,435
Hogs	23,692,553	24,436,502	24,120,804	10,627,889	9,692,390	9,750,214
Chickens ³	31,581,956	33,550,990	35,295,110	10,513,371	11,449,219	11,830,838
Turkeys	6,432,577	6,540,877	6,774,577	2,509,127	2,643,765	2,774,301
Milk	150,582,000	153,664,000	155,644,000	19,483,528	20,161,937	20,127,259
Wool (shorn)	77,535	68,577	63,303	39,077	52,377	64,124
Mohair ⁴	13,490	11,680	11,319	11,197	30,602	20,940
Eggs	<i>Thousands</i> 71,936,000	<i>Thousands</i> 73,911,000	<i>Thousands</i> 74,268,000	3,800,237	3,780,377	3,958,976

¹ For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory. ² Preliminary. ³ Including commercial broiler production. Pounds sold replace production of chickens. ⁴ Texas only.
NASS, Livestock and Economic Branch, (202) 720-6146.

Table 9-26.—Agricultural productivity: Index numbers (1982=100) of farm output per unit of input, United States, 1985–94

Year	Productivity ¹	Year	Productivity ¹
1985	110	1990	122
1986	111	1991	121
1987	115	1992	131
1988	109	1993	123
1989	118	1994	136

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 9-23 by the index of total input in table 9-24. ² Preliminary.
ERS, Environmental Indicators and Resource Accounting Branch (202) 501-8362.

Table 9-27.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1986–95¹

Year	Total marketing bill	Farm value	Expenditures for farm foods	Year	Total marketing bill	Farm value	Expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1986	270.8	88.8	359.6	1991	363.5	101.6	465.1
1987	285.1	90.4	375.5	1992	369.4	105.1	474.5
1988	301.9	96.8	398.8	1993	379.6	109.6	489.2
1989	315.6	103.8	419.4	1994	402.6	109.6	512.2
1990	343.6	106.2	449.8	1995 ²	416.7	114.1	530.8

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

ERS, Food Markets Branch, (202) 219-1254.

Table 9-28.—Farm food products: Marketing costs, United States, 1986–95

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>
1986	122.9	27.7	16.8	13.2	10.3	79.9	270.8
1987	130.0	29.9	17.2	13.6	11.1	83.3	285.1
1988	137.9	32.6	17.8	14.1	12.0	87.5	301.9
1989	145.1	35.2	18.6	14.8	12.9	89.0	315.6
1990	154.0	36.5	19.8	15.2	13.2	104.9	343.6
1991	160.9	38.1	20.4	16.3	15.2	112.6	363.5
1992	168.4	40.1	20.6	16.7	15.7	107.9	369.4
1993	178.0	40.9	21.2	17.2	18.1	104.2	379.6
1994	186.1	43.3	21.8	17.9	20.5	113.0	402.6
1995 ⁴	195.7	49.0	22.3	18.5	22.0	109.2	416.7

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

ERS, Food Markets Branch, (202) 219-1254.

Table 9-29.—Price components: Market basket of farm-originated food products by food group, United States, 1986–95¹

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>
1986	106	95	112	31	111	76	116	8
1987	112	97	120	30	115	71	121	8
1988	116	100	125	30	122	93	126	9
1989	125	107	134	30	132	102	137	9
1990	134	113	144	30	140	91	147	8
1991	137	106	154	27	146	85	154	7
1992	138	103	157	26	152	94	160	7
1993	142	105	162	26	157	92	166	7
1994	145	101	169	24	164	103	172	8
1995 ⁵	149	103	175	24	168	103	177	8

	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>
1986	102	94	110	47	114	97	123	28
1987	110	101	118	47	129	112	137	29
1988	112	100	125	45	137	112	150	27
1989	117	104	130	45	149	116	165	26
1990	129	117	140	46	163	126	181	26
1991	133	110	156	42	177	142	195	26
1992	131	105	158	41	174	122	199	23
1993	135	107	163	40	182	131	207	24
1994	135	96	176	36	191	119	225	21
1995 ⁵	136	94	178	35	210	133	248	21

	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>
1986	103	93	113	43	106	76	118	19
1987	106	93	118	42	108	74	120	18
1988	108	91	125	40	113	103	117	24
1989	116	99	131	41	121	96	131	21
1990	127	102	150	39	126	107	133	23
1991	125	90	157	35	132	98	144	20
1992	129	96	159	36	130	93	143	19
1993	129	93	163	35	130	108	138	22
1994	132	94	166	34	134	126	137	25
1995 ⁵	133	92	170	33	137	121	143	24

	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>
1986	114	115	113	54	105	102	106	23
1987	113	94	134	45	109	111	108	24
1988	121	110	133	49	118	137	112	28
1989	133	117	151	47	125	132	123	25
1990	133	108	161	44	133	144	129	26
1991	132	103	165	42	130	122	133	22
1992	131	104	163	42	134	129	135	23
1993	137	112	166	44	132	107	139	19
1994	142	115	173	43	135	113	141	20
1995 ⁵	144	114	178	42	138	119	143	21

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) 219–1254.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1994 and 1995

Commodity and unit	Marketing year average price ¹		Parity price ³		
	1994 ²	1995 ²	1994	1995	
	Dollars	Dollars	Dollars	Dollars	
Basic commodities:					
Cotton:					
American Upland	pound	.720	.759	1.52	1.58
Extra long staple	pound	1.025	1.277	1.97	2.05
Wheat	bushel	3.45	4.55	8.26	8.54
Rice	cwt	6.78	8.95	23.10	23.90
Corn	bushel	2.26	3.20	5.71	5.78
Peanuts	pound	.289	.293	.594	.613
Tobacco:					
Flue-cured, types 11-14	pound	1.698	1.790	3.45	3.52
Va., fire-cured, type 21	pound	1.612	1.625	2.99	3.16
Ky.-Tenn., fire-cured, types 22-23	pound	2.092	2.172	3.84	4.08
Burley, type 31	pound	1.841	1.854	3.53	3.60
Maryland, type 32 ⁴	pound	1.481	1.573	2.94	3.03
Dark air-cured, types 35-36	pound	1.685	1.762	3.20	3.38
Sun-cured, type 37	pound	1.476	1.530	2.59	2.77
Pa., seedleaf, type 41	pound	1.000	1.450	2.16	2.21
Cigar binder type 51	pound	3.060	3.890	4.40	4.81
Puerto Rican filler, type 46	pound			2.35	2.42
Cigar filler types 54-55	pound	1.450	1.450	2.65	2.77
Designated nonbasic commodities:					
All milk, sold to plants	cwt	13.01	12.78	26.60	27.10
Fluid market	cwt	13.02	12.80		
Manufacturing grade	cwt	11.85	11.79		
Honey, all	pound	.528	.644	1.17	1.17
Wool and mohair:					
Wool ⁵	pound	.780	1.040	3.66	3.87
Mohair ⁶	pound	2.56	1.84	9.78	10.00
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	2.03	2.89	5.01	5.17
Beans, dry edible	cwt	22.50	19.30	43.30	45.30
Cottonseed	ton	101.00	107.00	195.00	203.00
Crude pine gum	barrel			189.00	196.00
Flaxseed	bushel	4.63	5.20	10.70	10.60
Hay, all, baled	ton	86.70	82.10	155.00	162.00
Hops	pound	1.80	1.71	3.45	3.56
Oats	bushel	1.22	1.68	3.20	3.21
Peas, dry edible	cwt	11.20	8.50		
Peppermint oil	pounds	14.60	13.70	25.90	27.80
Popcorn, shelled basis	cwt			24.60	25.50
Potatoes	cwt	5.58	6.35	11.40	11.60
Rye	bushel	2.70	2.90	4.25	3.83
Sorghum grain	cwt	3.80	5.70	9.17	8.93
Soybeans	bushel	5.48	6.75	12.20	12.40
Spearmint oil	pound	12.50	12.40	26.50	27.40
Sweetpotatoes	cwt	14.00	15.80	21.80	19.00
Tobacco:					
Cigar wrapper, type 61	pound			35.00	37.00
Fruits:					
Citrus (equiv. on-tree):⁷					
Grapefruit	box	2.24	2.37	9.55	9.96
Lemons	box	7.52	6.05	15.60	16.30
Limes, Florida	box	8.65	6.69	19.40	20.40
Oranges	box	4.09	4.93	12.20	12.40
Tangelos, Florida	box	2.18	3.69		
Tangerines	box	12.21	11.08	25.80	27.40
Templets, Florida	box	2.89	4.10	10.20	10.30
Deciduous and other:					
Apples:					
For all sales	pound	.129	.167		
For fresh consumption ⁸	pound	.186	.238	.376	.387
For processing ⁹	ton	114.00	158.00	248.00	262.00
Apricots:					
For all sales	ton	349.00	468.00		
For fresh consumption ¹⁰	ton	546.00	901.00	2,140.00	2,340.00
Dried, California (dried basis) ⁹	ton	1,890.00	2,090.00	4,100.00	4,500.00
For processing (except dried) ⁹	ton	305.00	288.00	563.00	584.00
Avocados ¹⁰	ton	1,390.00	1,220.00	1,910.00	2,480.00
Berries for processing:					
Blackberries (Oregon)	pound	.377	.556	.841	.866
Boysenberries (California & Oregon)	pound	.662	.830	1.190	1.230
Gooseberries	pound			.506	.521
Loganberries (Oregon)	pound	.823	.845	.818	.842
Raspberries, black (Oregon)	pound	1.000	.610	1.44	1.480
Raspberries, red (Oregon & Washington)	pound	.861	.696	1.15	1.180

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, 1994 and 1995—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³		
	1994 ²	1995 ²	1994	1995	
	Dollars ⁷	Dollars	Dollars	Dollars	
Deciduous and other—Con.					
Cherries:					
Sweet:					
Sweet	ton...	1,040.00	1,260.00	1,740.00	2,030.00
Tart	pound...	.163	.061	.493	.427
Cranberries ¹¹	barrel...	49.30	51.70	96.30	103.00
Dates, California ¹⁰	ton...	750.00	748.00	1,900.00	1,990.00
Figs, California	ton...	419.00	367.00		
Grapes:					
For all sales	ton...	321.00	341.00		
Raisin varieties dried, California (dried basis) ⁹	ton...	923.00	875.00	1,720.00	1,960.00
Nectarines (California):					
For fresh consumption ¹⁹	ton...	282.00	534.00	813.00	905.00
For processing ¹⁹	ton...				
Olives (California):¹²					
For all sales	ton...	464.00	613.00		
Crushed for oil	ton...	11.00	11.00	26.60	26.70
For all sales (except crushed)	ton...			1,160.00	1,150.00
For canning	ton...	551.00	742.00	1,320.00	1,380.00
Peaches:					
For all sales	pound...				
For fresh consumption ⁹	pound...	.188	.260	.548	.590
Dried, California (dried basis) ⁹	ton...	856.00	894.00	1,870.00	1,990.00
For processing California (except dried):					
Clingstone ¹²	ton...	180.00	220.00	414.00	446.00
Freestone ⁹	ton...	187.00	187.00	361.00	377.00
Pears:					
For all sales	ton...	227.00	268.00		
For fresh consumption ⁹	ton...	223.00	268.00	707.00	725.00
Dried, California (dried basis) ⁹	ton...	942.00	919.00	1,760.00	1,930.00
For processing (except dried) ⁹	ton...	184.00	177.00	408.00	422.00
Plums (California):					
For all sales ¹⁰	ton...	321.00	950.00		
For fresh consumption ¹⁹	ton...			685.00	846.00
For processing ¹⁹	ton...			45.20	47.60
Prunes, dried (California) ⁹	ton...	1,090.00	1,040.00	1,660.00	1,930.00
Prunes and plums (excl. California):					
For fresh consumption ¹³	ton...	255.00	437.00	761.00	812.00
For processing (except dried) ⁹	ton...	105.00	157.00	269.00	275.00
Strawberries:					
For fresh consumption ¹⁴	pound...	60.20	60.80	1.15	1.19
For processing ⁹	pound...	29.10	26.30	.531	.566
Sugar crops:					
Maple sirup	gallon...	24.40	23.30		
Sugarbeets	ton...	38.80	39.80	79.90	82.10
Sugarcane for sugar	ton...	29.20	29.40	59.30	60.80
Tree nuts:¹⁵					
Almonds	pound...	1.34	2.39	2.43	3.08
Hazelnuts	ton...	834.00	913.00	1,490.00	1,700.00
Pecans, all	pound...	1.040	1.010	3,370.00	3,600.00
Improved	pound...	1.150	1.120		
Seedling	pound...	.764	.725		
Walnuts	ton...	1,000.00	1,340.00	2,010.00	2,380.00

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, 1994 and 1995—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³		
	1994 ²	1995 ²	1994	1995	
	Dollars	Dollars	Dollars	Dollars	
Vegetables for fresh market:¹⁴					
Artichokes, California	cwt...	55.70	72.50	61.70	66.10
Asparagus	cwt...	99.70	112.00	152.00	180.00
Broccoli ¹⁶	cwt...	27.40	31.40	46.40	52.60
Cabbage	cwt...	9.10	11.50	18.70	20.10
Cantaloups	cwt...	16.50	18.20	28.90	30.90
Carrots ¹⁶	cwt...	12.10	15.30	20.60	24.30
Cauliflower ¹⁶	cwt...	28.90	34.90	54.40	59.70
Celery ¹⁶	cwt...	12.50	16.20	24.70	27.50
Cucumbers	cwt...	16.00	16.70	30.90	33.10
Eggplant	cwt...	26.80	25.60	32.70	35.00
Escarole/Endive	cwt...	26.20	30.20	42.10	45.00
Garlic, California	cwt...	39.40	35.20	39.80	42.60
Green peppers ¹⁶	cwt...	29.60	31.10	48.90	52.30
Honeydew melons	cwt...	16.40	20.10	30.30	34.60
Lettuce	cwt...	13.30	23.10	26.20	31.10
Onions ¹⁶	cwt...	10.90	11.10	23.90	26.20
Snap beans	cwt...	37.70	36.50	61.20	65.50
Spinach	cwt...	29.30	31.60	53.60	57.40
Sweet corn	cwt...	17.20	18.30	30.50	34.60
Tomatoes	cwt...	27.40	25.90	59.20	63.60
Watermelons	cwt...	6.80	8.80	11.50	12.30
Vegetables for processing:⁹					
Asparagus	ton...	1,050.00	1,150.00	1,940.00	2,210.00
Beets	ton...	54.40	59.10	106.00	113.00
Cabbage	ton...	39.90	43.40	81.60	87.30
Cucumbers	ton...	220.00	224.00	.....	.....
Green peas	ton...	254.00	268.00	495.00	530.00
Lima beans	ton...	443.00	445.00	909.00	974.00
Snap beans	ton...	166.00	176.00	353.00	373.00
Spinach	ton...	98.50	101.00	197.00	211.00
Sweet corn	ton...	68.60	75.60	134.00	145.00
Tomatoes	ton...	62.10	57.70	132.00	137.00
Livestock and livestock products:					
All beef cattle	cwt...	66.70	61.80	135.00	141.00
Cows	cwt...	43.00	35.70	.....	.....
Steers and heifers	cwt...	69.40	65.10	.....	.....
Calves	cwt...	87.20	73.10	170.00	180.00
Beeswax	pound.....	.....	.....	3.95	4.23
Chickens:					
Excluding broilers, live	pound...	.076	.064	.....	.....
Broilers, live	pound.....	.350	.344	.....	.....
All Eggs	dozen.....	.614	.640	1.28	1.30
Hogs	cwt...	39.90	40.50	96.50	97.40
Lambs	cwt...	65.60	78.20	137.00	142.00
Milk cows ¹⁷	head...	1,170.00	1,130.00	.....	.....
Milk, retail ¹⁸	quart.....	.617	.646	.....	.....
Sheep	cwt...	30.90	28.00	52.40	56.60
Turkeys, live	pound.....	.404	.416	.829	.838

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 1988. 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 1994 relate to the citrus crop designated as 1994-95 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. ¹⁹Marketing year average price is per pound; parity price is per ton.

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Table 9-31.—Producer prices: Index numbers, by groups of commodities, United States, 1987–96
[1982=100]

Year	Total finished goods	Consumer foods	Finished goods ¹	Total consumer goods	Total intermediate materials	Total crude materials
1987 ²	105.4	109.5	113.3	101.5	93.7	96.2
1988	108.0	112.6	117.0	107.1	96.0	106.1
1989	113.6	118.7	122.1	112.0	103.1	111.2
1990	119.2	124.4	126.6	114.5	108.9	113.1
1991	121.7	124.1	131.1	114.4	101.2	105.5
1992	123.2	123.3	134.2	114.7	100.4	105.1
1993	124.7	125.7	135.8	116.2	102.4	108.4
1994	125.5	126.8	137.1	118.5	101.8	106.5
1995	127.9	129.0	140.0	124.9	102.7	105.8
1996 ³	131.3	133.5	142.0	125.7	113.5	121.5

¹ Excluding consumer foods. ² Data prior to 1987 available from Bureau of Labor Statistics, U.S. Department of Labor. ³ Preliminary.
ERS, Commercial Agriculture Division, (202) 219-0800. 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, 1986–95¹
[1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts ²	Commercial vegetables	Other crops
1986	282	300	463	1,243	488	577	615	458
1987	264	257	504	1,247	492	647	698	464
1988	359	364	486	1,295	689	668	695	474
1989	402	390	503	1,461	646	692	690	488
1990	317	376	548	1,474	575	676	684	499
1991	299	360	554	1,547	542	782	665	478
1992	358	352	450	1,526	544	689	745	502
1993	332	354	455	1,521	590	632	774	510
1994	377	381	559	1,532	600	621	727	517
1995 ⁴	425	401	655	1,559	568	680	795	525

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
1986	409	430	814	769	296	675	554	50
1987	450	426	912	768	245	697	563	49
1988	445	516	927	750	276	713	627	53
1989	662	537	960	833	313	764	659	53
1990	674	507	1,068	841	294	804	660	51
1991	501	496	1,025	752	280	757	632	48
1992	444	498	971	805	272	743	626	47
1993	539	503	1,011	787	295	768	642	47
1994	556	519	910	797	298	727	634	45
1995 ⁴	537	552	868	783	302	707	646	45

¹ These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988-92. Then, the 1990–92 indexes are adjusted to a 1910–14 reference. ² Fresh market for noncitrus, and fresh market and processing for citrus. ³ Ratio of Index of Prices Received to the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates. ⁴ Preliminary.
NASS, Livestock and Economic Branch, (202) 720-3570.

Table 9-33.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1986–95¹
(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts ²	Commercial vegetables	Other Crops
1986	89	84	91	82	89	83	92	93
1987	83	72	98	83	90	93	105	94
1988	113	102	95	86	126	96	104	96
1989	127	109	98	96	118	99	103	99
1990	100	105	107	97	105	97	102	101
1991	94	101	108	102	99	112	100	97
1992	113	98	88	101	100	99	111	102
1993	105	99	89	101	108	91	116	103
1994	119	106	109	101	110	89	109	105
1995 ⁴	134	112	128	103	104	97	119	106

Year	Potatoes and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and live-stock products	All farm products	Ratio ³
1986	81	87	80	96	105	88	87	103
1987	89	86	90	96	87	91	89	102
1988	88	104	91	93	98	93	99	108
1989	131	109	94	104	111	100	104	108
1990	133	103	105	105	105	105	104	105
1991	99	101	101	94	99	99	100	99
1992	88	101	96	100	97	97	98	97
1993	107	102	100	98	105	100	101	98
1994	110	105	90	99	106	95	100	94
1995 ⁴	106	112	85	98	107	92	102	92

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, 1986–95
(1990–92=100)

Production indexes									
Year	Production (all commodities)	Feed	Livestock & Poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
1986	86	88	73	93	90	89	76	88	86
1987	87	83	85	93	86	87	76	88	88
1988	90	104	91	94	94	89	77	90	90
1989	95	110	93	104	99	93	83	94	93
1990	99	103	102	102	97	95	100	96	97
1991	100	98	102	99	103	101	104	100	100
1992	101	99	96	99	100	103	96	104	102
1993	103	99	104	105	97	107	92	107	109
1994	107	107	95	109	105	110	89	109	114
1995	109	104	82	110	121	115	91	112	121

Production indexes				Interest	Taxes	Wage rates ¹	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates ²
Year	Farm machinery	Building Materials	Farm services and Rent					
1986	83	92	83	98	81	81	85	85
1987	85	93	84	96	87	85	87	87
1988	89	94	85	100	89	87	92	91
1989	94	96	91	106	91	95	97	96
1990	96	99	96	107	95	96	99	99
1991	100	100	99	100	101	100	100	100
1992	104	101	104	93	104	105	101	101
1993	106	105	105	88	107	108	102	104
1994	113	109	111	92	112	111	106	107
1995	121	114	117	103	117	113	109	110

¹ Simple average of seasonally adjusted quarterly indexes. ² Family Living component included.

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Table 9-35.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1986–95 ¹
[1910–14=100]

Year	Family living (all commodities) ¹	Production indexes							
		Production (all commodities)	Feed	Livestock and poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and repairs
1986	1,041	833	430	929	916	329	549	587	623
1987	1,072	844	408	1,093	922	314	538	586	626
1988	1,117	874	506	1,167	931	346	549	596	636
1989	1,169	922	539	1,184	1,027	363	573	643	665
1990	1,229	958	501	1,303	1,012	356	590	772	684
1991	1,287	972	480	1,308	983	376	624	802	713
1992	1,327	979	485	1,223	976	366	637	740	736
1993	1,366	1,000	485	1,329	1,037	354	664	706	757
1994	1,402	1,032	515	1,208	1,083	386	694	681	777
1995	1,447	1,059	508	1,051	1,088	445	731	702	797

Year	Production indexes—Continued				Interest	Taxes	Wage rates	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates ²
	Autos and trucks	Farm machinery	Building materials	Farm services and cash rent					
1986	2,276	2,086	1,254	993	2,449	2,157	3,049	1,143	1,109
1987	2,328	2,131	1,261	1,007	2,399	2,326	3,174	1,174	1,139
1988	2,385	2,227	1,280	1,015	2,518	2,375	3,267	1,230	1,191
1989	2,477	2,360	1,306	1,088	2,645	2,442	3,538	1,299	1,255
1990	2,585	2,412	1,339	1,141	2,685	2,543	3,583	1,332	1,293
1991	2,647	2,510	1,358	1,179	2,516	2,707	3,757	1,347	1,316
1992	2,723	2,599	1,377	1,238	2,321	2,789	3,930	1,353	1,329
1993	2,891	2,666	1,430	1,297	2,195	2,862	4,054	1,377	1,355
1994	3,060	2,831	1,484	1,339	2,310	3,002	4,140	1,423	1,399
1995	3,205	3,026	1,553	1,418	2,578	3,123	4,238	1,469	1,443

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

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Table 9-36.—Prices paid by farmers: Prices, by commodities, United States, 1991–95^{1 2}

Commodity and unit	1991	1992	1993	1994	1995
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better	370.00	409.00	502.00	579.00	(¹⁰)
Fir, Standard and better	410.00	453.00	590.00	659.00	(¹⁰)
Boards, per 1,000 board feet:					
Rough, for farm fences and construction	550.00	593.00	728.00	806.00	(¹⁰)
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better	742.00	820.00	938.00	1021.00	(¹⁰)
Nails, 8d, common, per pound .....	.699	.706	.712	.723	(¹⁰)
Roofing, galvanized steel, per 100 square feet	46.00	46.30	46.40	46.80	(¹⁰)
Shingles, fiberglass, per square	24.40	24.00	23.70	23.60	(¹⁰)
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet	5.29	5.34	5.56	.616	(¹⁰)
Concrete blocks, per 100	103.00	105.00	107.00	110.00	(¹⁰)
Portland cement, per 94 pounds	6.59	6.68	6.78	6.94	(¹⁰)
Paint, house, exterior, latex per gallon	17.30	17.70	17.80	17.80	(¹⁰)
Barbed wire, 2-point, per 80-rod spool	35.60	36.10	35.80	36.30	(¹⁰)
Barbed wire, 4-point, per 80-rod spool	38.50	38.30	38.60	38.80	(¹⁰)
Posts, wood, farm line fence, each	3.65	3.81	3.89	4.00	(¹⁰)
Posts, steel, each	2.64	2.63	2.87	3.00	(¹⁰)
Staples, fence, per pound .....	.782	.795	.814	.823	(¹⁰)
Woven wire fencing, 32-inch, per 20-rod roll	75.30	76.50	77.60	78.60	(¹⁰)
Iron pipe, galvanized, 1¼-inch, I.D., per foot	2.23	2.21	2.23	2.20	(¹⁰)
Plastic tubing, 1-inch, I.D., per foot .....	.291	.295	(¹⁰)	(¹⁰)	(¹⁰)
Fuels and energy:					
Fuel, per gallon:					
Diesel fuel .....	.872	.816	.820	.785	.771
Gasoline, service station, unleaded	1.17	1.13	1.11	1.08	1.11
Gasoline, bulk delivery, leaded regular	1.19	1.15	(¹⁰)	(¹⁰)	(¹⁰)
L.P. gas, bulk delivery .....	.750	.721	.777	.723	.728
Motor supplies:					
Grease, 35 lb. pail	35.90	36.50	37.30	37.60	(¹⁰)
Motor oil, per gallon:					
All weather, high detergent	5.36	5.46	5.50	5.49	(¹⁰)
Heavy duty, detergent	5.15	5.25	5.33	5.34	(¹⁰)
Regular, nondetergent	4.84	4.97	5.02	5.01	(¹⁰)
Spark plugs, each	2.00	2.04	2.05	2.05	(¹⁰)
Storage batteries, CPR 220–310 amps, each	49.80	49.60	47.70	46.50	(¹⁰)
Tires:					
Auto tires, bias-belted const., E78–14, tubeless, each	45.50	46.50	(¹⁰)	(¹⁰)	(¹⁰)
Auto tires, radial, steel-belted, P/195/75R14/ER78–14 tubeless, each	54.90	54.90	54.70	54.20	(¹⁰)
Truck tires, 10.00–20, load range F, each	214.00	217.00	216.00	214.00	(¹⁰)
Tractor tires, rear, 15.5–38, 6-ply, each	321.00	335.00	328.00	311.00	(¹⁰)
Tractor tires, rear, 18.4–34, 6-ply, each	454.00	473.00	459.00	443.00	(¹⁰)
New motor vehicles:					
Autos, 4-door sedans:					
Compact ³	11,100.00	11,550.00	11,850.00	12,400.00	(¹⁰)
Intermediate size ⁴	14,600.00	15,700.00	16,300.00	17,200.00	(¹⁰)
Standard ⁵	19,300.00	20,400.00	20,900.00	21,200.00	(¹⁰)
New trucks:					
2-ton, cab and chassis, each ⁶	21,700.00	22,900.00	23,100.00	23,100.00	(¹⁰)
¾-ton pickup ⁷	15,400.00	16,500.00	17,400.00	18,500.00	(¹⁰)
Farm machinery:					
Tractors:					
2-wheel, 30–39 P.T.O. or belt horsepower	13,000.00	13,700.00	14,200.00	14,200.00	14,400.00
2-wheel, 50–59 P.T.O. or belt horsepower	18,500.00	18,800.00	19,200.00	19,600.00	20,100.00
2-wheel, 110–129 P.T.O. or belt horsepower	47,000.00	49,200.00	51,700.00	52,200.00	55,100.00
4-wheel, 170–240 P.T.O. or belt horsepower	81,100.00	84,100.00	(¹⁰)	(¹⁰)	(¹⁰)
Plows, moldboard, 3-bottom, each	3,320.00	3,410.00	(¹⁰)	(¹⁰)	(¹⁰)
Plows, moldboard, 5-bottom, each	8,460.00	9,060.00	9,620.00	9,520.00	(¹⁰)
Plows, moldboard, 7-bottom, each	12,500.00	13,900.00	14,100.00	14,500.00	(¹⁰)
Disk harrows, tandem, 16-ft., each	9,330.00	9,410.00	9,510.00	10,250.00	10,500.00
Disk harrows, tandem, 19-ft., each	12,400.00	12,800.00	13,300.00	14,000.00	14,600.00
Cultivators, 4-row, front or rear mounted, each	3,210.00	3,260.00	(¹⁰)	(¹⁰)	(¹⁰)
Corn planters, 4-row, plain, each	9,140.00	9,900.00	(¹⁰)	(¹⁰)	(¹⁰)
Grain drills, tractor-drawn, 16-tube, plain, each	6,800.00	6,900.00	7,190.00	7,620.00	8,600.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each	7,240.00	7,650.00	(¹⁰)	(¹⁰)	(¹⁰)
Mowers, tractor, 7-ft., each	3,320.00	3,320.00	3,450.00	3,600.00	3,900.00
Pick-up balers, automatic tie, P.T.O., each ⁸	11,600.00	11,900.00	12,200.00	12,600.00	13,200.00

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: Prices, by commodities, United States, 1991–95^{1 2}
—Continued

Commodity and unit	1991	1992	1993	1994	1995
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Combines, self-propelled:					
Medium capacity, each	85,600.00	88,000.00	92,400.00	98,900.00	105,800.00
Large capacity, each	106,000.00	110,000.00	116,000.00	124,300.00	130,000.00
Corn picker-huskers, 2-row, each	12,600.00	12,100.00	12,000.00	12,500.00	(10)
Farm wagons, without box and tires, each	1,270.00	1,330.00	1,340.00	1,440.00	1,590.00
Power sprayers, boom type, tractor, mt.d., each	2,800.00	2,970.00	3,230.00	3,440.00	3,740.00
Farm supplies:					
Electric motors, 1/2-horsepower, each	87.40	89.20	89.80	89.80	(10)
Hammers, nail, 16 oz. head, with handle, each	13.40	13.50	13.00	11.80	(10)
Pitchfork, 4-tine, each	23.00	24.00	24.40	25.40	(10)
Hoes, 6-inch blade, each	11.30	12.00	12.50	13.10	(10)
Metal pails, 12 quarts, each	6.45	6.67	6.77	6.95	(10)
Rope, polypropylene, 1/2-inch, per 100 feet	21.90	21.90	24.40	23.90	(10)
Baler twine, per 40-pound bale	24.20	23.90	22.70	26.30	(10)
Fertilizer:					
Mixed fertilizer:					
0-20-20, per ton	177.00	172.00	168.00	171.00	183.00
3-9-9, per ton	164.00	158.00	(10)	(10)	(10)
4-8-12, per ton	182.00	177.00	(10)	(10)	(10)
5-10-10, per ton	147.00	144.00	141.00	139.00	154.00
5-10-15, per ton	150.00	147.00	148.00	154.00	157.00
5-20-20, per ton	177.00	169.00	158.00	163.00	175.00
6-24-24, per ton	204.00	198.00	188.00	196.00	215.00
10-10-10, per ton	161.00	161.00	156.00	158.00	169.00
12-12-12, per ton	189.00	185.00	(10)	(10)	(10)
16-20-0, ammonium phosphate, per ton	220.00	219.00	213.00	220.00	237.00
18-46-0, diammonium phosphate, per ton	232.00	220.00	199.00	217.00	255.00
Nitrate of soda, per ton	226.00	224.00	239.00	241.00	246.00
Sulphate of ammonia, per ton	152.00	152.00	157.00	167.00	178.00
Ammonium nitrate, per ton	183.00	180.00	184.00	194.00	217.00
Superphosphate, 44-46% P ₂ O ₅ , per ton	213.00	204.00	191.00	207.00	266.00
Muriate of potash, 60% K ₂ O, per ton	153.00	148.00	145.00	145.00	152.00
Agricultural limestone, spread on field, per ton ..	17.60	17.60	17.80	17.70	17.90
Livestock:					
Feeders and stockers:					
Cattle and calves, per 100 pounds	86.80	82.30	89.00	80.40	67.00
Pigs (40-60 lbs. av.), per 100 pounds	99.90	66.80	86.40	66.90	65.60
Broiler chicks, per 100	18.10	18.30	18.60	19.30	19.70
Egg-type chicks, per 100	51.20	54.60	53.80	49.70	50.70
Turkey poults, each	1.02	1.02	1.05	1.06	1.06
Feed:					
Cottonseed meal, 41% protein, per 100 pounds	14.00	14.00	14.90	15.30	14.40
Soybean meal, 44% protein, per 100 pounds	12.80	13.00	13.70	13.90	12.70
Bran, per 100 pounds	10.70	10.80	11.00	11.20	11.20
Middlings, per 100 pounds	9.21	9.11	(10)	(10)	(10)
Cornmeal, per 100 pounds	7.42	7.49	7.22	7.96	7.84
Laying feed, per ton ⁹	195.00	200.00	202.00	210.00	197.00
Broiler grower, per ton ⁹	208.00	208.00	209.00	214.00	196.00
Chick starter, per ton ⁹	221.00	228.00	226.00	231.00	215.00
Dairy feed:					
14 percent protein, per ton ⁹	168.00	168.00	168.00	170.00	162.00
16 percent protein, per ton ⁹	176.00	178.00	180.00	184.00	175.00
18 percent protein, per ton ⁹	186.00	189.00	187.00	193.00	184.00
20 percent protein, per ton ⁹	187.00	190.00	189.00	196.00	187.00
32 percent protein, concentrate, per ton	279.00	282.00	294.00	301.00	279.00
Stock salt, per 50 pounds	3.58	3.61	3.56	3.72	3.75
Seeds:					
Barley, per bushel	4.73	4.96	5.03	5.14	5.32
Corn, hybrid, 80,000 kernels	70.10	71.40	72.50	73.20	71.20
Oats, per bushel	3.83	4.12	4.71	4.73	4.50
Potatoes, per 100 pounds	10.00	7.64	8.19	9.80	8.50
Soybeans, per bushel	12.70	12.50	12.40	13.30	13.50
Wheat, per bushel	5.05	5.73	6.00	7.02	7.18
Grain sorghum, hybrid, per 100 pounds	70.90	72.00	74.00	80.20	79.60
Alfalfa, uncertified, per 100 pounds	170.00	153.00	151.00	159.00	166.00
Alfalfa, certified, per 100 pounds	263.00	256.00	265.00	267.00	272.00
Red clover, per 100 pounds	137.00	125.00	142.00	148.00	138.00
Lespedeza, Korean, per 100 pounds	66.50	86.20	122.00	96.40	70.60
Sudangrass, per 100 pounds	48.00	47.30	45.70	47.20	50.80
Timothy, per 100 pounds	70.30	66.30	77.00	77.20	77.30

¹Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas. ²Family living surveys for food, clothing, and household furnishings were discontinued in 1977. ³Chevrolet Cavalier, Ford Tempo, Plymouth Acclaim, or comparable models. ⁴Chevrolet Celebrity, Ford Taurus, or comparable models. ⁵Chevrolet Caprice, Ford Crown Victoria, Buick LeSabre Limited, or comparable models. ⁶Coverage includes Ford and Chevrolet. ⁷Coverage includes Ford, Chevrolet, and Dodge. ⁸Conventional size bales, under 200 lbs. ⁹Specifications call for "complete feed." ¹⁰Discontinued.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1987-96^{1 2}

Commodity and unit	1987	1988	1989	1990	1991	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
Basic commodities:						
Corn:						
Target price	Bushel ...	3.03	2.93	2.84	2.75	2.75
Loan rate	do	1.82	1.77	1.65	1.57	1.62
Cotton:						
American upland: ³						
Target price	Pound	0.7940	0.7590	0.7340	0.7290	0.7290
Loan rate	do	0.5225	0.5180	0.5000	0.5027	0.5077
Extra-long staple:						
Target price	do	0.9770	0.9570	0.9670	0.9810	0.9960
Loan rate	do	0.8140	0.8092	0.8177	0.8177	0.8299
Peanuts: ⁴	do	0.3037	0.3076	0.3079	0.3157	0.3214
Rice:						
Target price	Cwt.	11.66	11.15	10.80	10.71	10.71
Loan rate	do	6.84	6.63	6.50	6.50	6.50
Wheat:						
Target price	Bushel ...	4.38	4.23	4.10	4.00	4.00
Loan rate	do	2.28	2.21	2.05	1.95	2.04
Tobacco:						
Flue-cured, types 11-14	Pound	1.435	1.442	1.468	1.488	1.528
Fire-cured, type 21	do	1.196	1.171	1.191	1.262	1.332
Fire-cured, types 22-23	do	1.238	1.213	1.226	1.297	1.367
Burley, type 31	do	1.488	1.500	1.532	1.558	1.584
Dark air-cured, types 35-36	do	1.054	1.032	1.044	1.107	1.169
Virginia sun-cured, type 37	do	1.056	1.034	1.052	1.115	1.177
Cigar filler, Puerto Rican, type 46	do	0.747	0.731	0.740	0.778	0.813
Ohio filler and Wisconsin binder, types 42-44 and 53-55	do	0.914	0.895	0.909	0.962	1.014
Barley: ⁶						
Target price	Bushel ...	2.60	2.51	2.43	2.36	2.36
Loan rate	do	1.49	1.44	1.34	1.28	1.32
Sorghum grain: ⁶						
Target price	Cwt.	5.14	4.96	4.82	4.66	4.66
Loan rate	do	3.11	3.00	2.80	2.66	2.75
Oats: ⁶						
Target price	Bushel ...	1.60	1.55	1.50	1.45	1.45
Loan rate	do	0.94	0.90	0.85	0.81	0.83
Rye: ⁶	do	1.55	1.50	1.40	1.33	1.38
Nonbasic commodities:						
Beans, dry edible	Cwt.	5	5	5	5	5
Cottonseed	Ton	5	5	5	5	5
Minor oilseeds ⁷	Pound ...	5	5	5	5	0.089
Soybeans	Bushel ...	4.77	4.77	4.53	4.50	5.02
Sugar, raw	Pound ...	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	11.10	10.80	10.60	10.10	10.10
Honey, extracted	Pound ...	⁸ 0.610	0.591	0.564	0.538	0.538
Mohair	do	4.950	4.690	4.588	4.532	4.448
Wool	Pound ...	1.81	1.78	1.77	1.82	1.88

See footnotes at end of table.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1987–96^{1 2}—Continued

Commodity and unit	1992	1993	1994	1995	1996
	<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	2.75	⁹
Loan rate	do	1.72	1.72	1.89	1.89
Cotton:					
American upland: ³					
Target price	Pound	0.7290	0.7290	0.7290	⁹
Loan rate	do	0.5235	0.5235	0.5000	0.5192
Extra-long staple:					
Target price	do	1.0580	1.0570	1.0200	⁹
Loan rate	do	0.8815	0.8812	0.8503	0.7965
Peanuts: ⁴	do	0.3375	0.3375	0.3392	0.3050
Rice:					
Target price	Cwt. ...	10.71	10.71	10.71	⁹
Loan rate	do	6.50	6.50	6.50	6.50
Wheat:					
Target price	Bushel	4.00	4.00	4.00	⁹
Loan rate	do	2.21	2.45	2.58	2.58
Tobacco:					
Flue-cured, types 11-14	Pound	1.560	1.577	1.583	1.597
Fire-cured, type 21	do	1.367	1.395	1.407	1.430
Fire-cured, types 22-23	do	1.421	1.464	1.483	1.518
Burley, type 31	do	1.649	1.683	1.714	1.725
Dark air-cured, types 35-36	do	1.217	1.255	1.273	1.304
Virginia sun-cured, type 37	do	1.208	1.233	1.245	1.265
Cigar filler, Puerto Rican, type 46 ..	do	⁵	0.834	0.844	0.861
Ohio filler and Wisconsin binder, ..	do				⁵
types 42-44 and 53-55	do	1.054	1.074	1.084	1.101
Barley: ⁶					
Target price	Bushel	2.36	2.36	2.36	⁹
Loan rate	do	1.40	1.40	1.54	1.55
Sorghum grain: ⁶					
Target price	Cwt. ...	4.66	4.66	4.66	⁹
Loan rate	do	2.91	2.91	3.21	3.23
Oats: ⁶					
Target price	Bushel	1.45	1.45	1.45	⁹
Loan rate	do	0.88	0.88	0.97	1.03
Rye: ⁶	do	1.46	1.46	1.61	¹⁰
Nonbasic commodities:					
Beans, dry edible					
Cottonseed	Ton ...	5	5	5	5
Minor oilseeds ⁷	Pound	0.089	0.089	0.087	0.0891
Soybeans	Bushel	5.02	5.02	4.92	4.99
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt. ...	10.10	10.10	10.10	¹¹ 10.35
Honey, extracted	Pound	0.538	0.538	0.500	¹²
Mohair	do	4.613	4.738	4.739	¹³
Wool	Pound	1.97	2.04	2.09	2.12

¹ National averages during the marketing years for the individual crops, beginning in the years shown. ² The target price is known in the statute as the "established price". ³ 1/16 strict low middling, micronaire 3.5 through 4.9. ⁴ For quota portion of crop. ⁵ No support program. ⁶ Grade No. 2 or better except for oats which is Grade No. 3. ⁷ Includes flaxseed, sunflower seed (oil and other), safflower, rapeseed (industrial), canola and mustard seed. ⁸ Loan rate was reduced from 63 to 61 cents per pound on December 23, 1987, because of the Omnibus Budget Reconciliation Act of 1987. ⁹ The Federal Agriculture Improvement and Reform Act of 1996 replaced the deficiency payment/production adjustment programs for the program crops with a Production Flexibility Contract program, making target prices no longer applicable beginning with the 1996/97 marketing year. ¹⁰ The rye price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. ¹¹ As of January 1, 1996. ¹² The honey price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. ¹³ The wool and mohair support programs terminated as of December 31, 1995, as required by Public Law 103-130. ¹⁴ Unannounced as of December 10, 1996.

Table 9-38.—Farm income: Cash receipts by commodities groups and selected commodities, United States, 1986–95¹

Commodity	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities	135,360,854	141,796,554	151,243,067	160,809,780	169,517,441	167,863,702	171,345,528	177,617,343	180,775,019	185,750,021
Livestock and products	71,553,479	75,996,441	79,639,741	83,917,584	89,219,948	85,786,358	85,623,772	90,165,943	88,129,399	86,843,791
Cattle and calves	28,865,105	33,583,276	36,958,190	36,429,167	39,301,814	38,696,618	37,272,292	39,361,709	36,394,811	33,983,198
Hogs	9,734,409	10,336,628	9,221,199	9,769,822	11,525,452	11,036,132	10,016,503	10,910,817	9,882,643	10,073,641
Sheep and lambs	481,266	558,065	521,673	487,164	414,412	399,354	460,176	551,643	507,157	558,841
Dairy products	17,723,533	17,726,646	17,631,666	19,357,305	20,152,604	18,006,612	19,736,250	19,242,553	19,935,161	19,923,558
Broilers	6,784,090	6,177,126	7,435,105	8,777,668	8,365,470	8,383,046	9,176,537	10,414,620	11,370,211	11,760,787
Farm chickens	127,734	111,827	95,350	138,441	90,314	67,256	82,842	96,435	77,517	68,155
Chicken eggs	3,543,234	3,208,393	3,066,845	3,861,538	4,009,506	3,901,282	3,384,490	3,779,430	3,780,349	3,958,976
Turkeys	1,948,697	1,703,142	1,951,399	2,235,145	2,393,375	2,352,987	2,396,364	2,509,127	2,643,788	2,774,302
Ducks	13,668	10,764	8,904	8,586	7,952	7,920	8,736	8,493	8,874	9,512
Other poultry	283,720	304,231	310,832	355,906	422,401	441,055	474,220	516,465	562,681	549,354
Misc. other livestock	2,048,023	2,276,343	2,438,578	2,496,842	2,536,648	2,494,096	2,615,362	2,774,651	2,966,207	3,183,467
Commodity	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Crops	63,807,375	65,800,113	71,603,326	76,892,196	80,297,493	82,077,344	85,721,756	87,451,400	92,645,620	98,906,230
Food grains	5,723,375	5,790,126	7,469,449	8,246,637	7,479,840	7,325,424	8,467,473	8,179,932	9,544,959	10,068,802
Feed crops	16,992,713	14,634,697	14,280,830	17,049,052	18,669,328	19,327,296	20,060,358	20,161,518	20,295,620	23,143,873
Cotton	3,371,188	4,189,135	4,525,060	5,025,638	5,488,395	5,236,401	5,192,067	5,249,680	6,737,709	7,566,839
Tobacco	1,893,884	1,815,568	2,068,552	2,410,192	2,733,496	2,881,115	2,958,005	2,947,785	2,645,350	2,594,363
Oil crops	10,614,011	11,282,517	13,500,503	11,866,212	12,258,130	12,697,874	13,282,326	13,219,576	14,657,135	14,828,821
Vegetables	8,859,353	9,890,880	9,792,069	11,561,722	11,463,655	11,624,743	11,895,699	13,466,194	13,740,354	14,773,370
Fruits/nuts	7,251,672	8,055,991	9,032,090	9,151,178	9,415,969	9,922,858	10,174,373	10,280,681	10,175,885	10,774,951
All other crops	9,101,179	10,141,199	10,934,773	11,581,565	12,788,680	13,061,633	13,691,455	13,946,034	14,848,608	15,155,211

¹ USDA 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. ² Sale of all types of citrus fruit sold before the traditional marketing year, which begins in October.

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Table 9-39.—Farm income: Indicators by selected commodities, United States, 1986–95

Commodity	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Gross farm income	156,124.6	168,419.9	177,913.3	191,933.7	198,195.8	191,866.7	200,567.2	204,180.2	215,840.3	210,399.2
Gross cash income	152,863.3	164,955.1	173,581.1	180,292.4	187,050.2	184,298.4	188,680.0	200,142.9	197,808.2	203,883.1
Farm marketings	135,360.9	141,796.6	151,243.1	160,809.8	169,517.4	167,863.7	171,345.5	177,617.3	180,775.0	185,750.0
Government payments	11,813.4	16,746.7	14,479.8	10,886.7	9,298.0	8,214.4	9,168.9	13,402.0	7,879.1	7,252.3
Farm-related income	5,689.1	6,411.8	7,858.2	8,596.0	8,234.8	8,220.3	8,165.5	9,123.5	9,154.0	10,880.8
Noncash income	5,462.4	5,783.9	8,427.1	7,853.6	7,887.2	7,775.4	7,731.7	8,549.2	9,808.1	9,892.0
Value of home consumption	895.4	743.1	732.0	671.8	706.0	619.8	589.5	519.2	481.0	495.1
Rental value of dwellings ¹	4,567.0	5,040.8	7,695.2	7,181.8	7,181.2	7,155.6	7,142.2	8,030.0	9,327.1	9,396.9
Value of inventory adjustment	(2,201.2)	(2,319.1)	(4,095.0)	3,787.7	3,258.3	(207.1)	4,155.5	(4,511.9)	8,224.0	(3,375.9)
Total production expenses	125,222.4	131,034.2	139,907.7	146,660.2	153,397.6	153,341.0	152,520.4	160,530.4	167,444.0	175,580.6
Net farm income	30,902.2	37,385.7	38,005.5	45,273.5	44,798.2	38,525.6	48,046.8	43,649.8	48,396.3	34,818.6

¹ Net farm income accounting is for production of goods and services in the farm sector, defined as including farm operators' dwellings.
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Table 9-40.—Farm marketings: Farm marketings, 1994 and 1995, government payments, 1995, and principal commodities, by States, 1995

State	1994			1995			Government payments	Rank ¹
	Farm marketings			Farm marketings				
	Total	Crops	Livestock and products	Total	Crops	Livestock and products		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
AL	2,951,334	801,784	2,149,550	2,908,347	740,772	2,167,575	53,386	26-Broilers, cattle/calves, chicken eggs, cotton(75%).
AK	27,935	21,890	6,045	30,119	24,380	5,739	1,735	50-Greenhouse, potatoes, hay, dairy prod(80%).
AZ	1,853,669	1,049,326	804,343	2,256,444	1,446,126	810,318	9,501	29-Lettuce, cattle/calves, cotton, dairy prod, cantaloups(7.
AR	5,394,516	2,249,765	3,144,751	5,065,456	2,042,233	3,023,223	383,265	13-Broilers, cotton, soybeans, rice(69%).
CA	21,281,547	15,792,837	5,488,710	22,261,109	16,712,582	5,548,527	237,760	1-Dairy prod, greenhouse, grapes, cotton(38%).
CO	4,051,357	1,287,188	2,764,169	3,984,525	1,360,834	2,623,691	167,053	17-Cattle/calves, wheat, corn, dairy prod(74%).
CT	477,791	224,242	253,549	484,490	227,679	256,811	2,382	41-Greenhouse, chicken eggs, dairyprod, aquaculture(71%).
DE	657,594	152,222	505,372	675,613	159,124	516,489	3,109	40-Broilers soybeans, greenhouse, corn(85%).
FL	5,984,249	4,792,116	1,192,133	5,848,907	4,719,097	1,129,810	55,716	9-Oranges greenhouse, sugar, tomatoes 1/.
GA	4,688,737	2,017,742	2,670,995	5,166,101	2,376,917	2,789,184	66,466	14-Broilers, cotton, peanuts, eggs, (63%).
HI	507,609	430,788	76,821	483,468	411,656	71,812	947	42-Sugar, pineapples, greenhouse, nuts(66%).
ID	2,955,215	1,756,147	1,199,068	3,166,248	1,945,204	1,221,044	89,536	22-Potatoes, cattle/calves, dairy prod, wheat(70%).
IL	7,945,732	5,896,508	2,049,224	7,887,034	6,176,908	1,710,126	543,735	5-Corn, soybeans, hogs, cattle/calves(85%).
IN	4,664,044	2,930,321	1,733,723	4,981,458	3,240,106	1,741,352	246,066	14-Corn, soybeans, hogs, dairy prod(76%).
IA	9,999,410	4,769,337	5,230,073	10,958,874	5,891,122	5,067,752	784,639	3-Corn, soybeans hogs, soybeans, dairy prod(76%).
KS	7,626,389	2,868,415	4,757,974	7,521,311	2,828,527	4,692,784	423,021	6-Cattle/calves, wheat, corn, grain sorghum (86%).
KY	3,220,241	1,571,305	1,648,936	3,059,463	1,443,913	1,615,550	67,373	25-Tobacco, horses/mules, cattle, corn(66%).
LA	2,028,702	1,329,095	699,607	2,024,862	1,395,025	629,837	157,315	32-Cotton, sugar cane, rice, soybeans(57%).
ME	457,905	187,744	270,161	479,230	198,159	281,071	14,080	43-Chicken eggs, potatoes, dairy prod, aquaculture(73%).
MD	1,339,209	540,508	798,701	1,402,319	571,829	830,490	15,147	36-Broilers, greenhouse, dairy prod, soybeans(67%).
MA	459,517	342,080	117,437	430,377	327,055	103,322	2,458	45-Greenhouse, cranberries, dairy prod, christmas trees(68%).
MI	3,381,239	1,992,076	1,389,163	3,520,756	2,196,837	1,323,919	151,009	20-Dairy prod, greenhouse, corn, soybeans,(54%).
MN	6,407,645	2,959,643	3,448,002	7,001,667	3,550,943	3,450,724	467,901	7-Corn, dairy prod, soybeans, hogs(63%).
MS	2,870,975	1,180,604	1,690,371	3,126,153	1,441,265	1,684,888	129,161	24-Broilers, cotton, soybeans, aquaculture(75%).
MO	4,561,575	2,098,225	2,463,350	4,399,227	2,133,772	2,265,455	255,996	16-Soybeans, cattle/calves, hogs, corn (59%).
MT	1,884,628	1,028,968	855,660	1,845,168	1,047,254	797,914	185,331	33-Wheat, cattle/calves, barley, hay (86%).

See end of table.

Table 9-40.—Farm marketings: Farm marketings, 1994 and 1995, government payments, 1995, and principal commodities, by States, 1995—Continued

State	1994			1995			Government payments	1995 Rank ¹
	Farm marketings			Farm marketings				
	Total	Crops	Livestock and products	Total	Crops	Livestock and products		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
NE	8,524,549	3,119,834	5,404,715	8,690,446	3,503,152	5,187,294	507,347	4-Cattle/calves, corn, hogs, soybeans (87%).
NV	299,221	109,588	189,633	285,614	122,042	163,572	4,265	47-Cattle/calves, hay, dairy prod, potatoes (83%).
NH	150,955	87,453	63,502	152,167	88,150	64,017	1,183	48-Dairy products, greenhouse, apples, christmas trees(65%).
NJ	769,991	589,332	180,659	773,151	572,673	200,478	5,492	38-Greenhouse, dairy prod, eggs, fresh tomatoes(46%).
NM	1,527,909	426,365	1,101,544	1,415,176	451,786	963,390	55,158	35-Cattle/calves, dairy prod, hay, pecans (74%).
NY	2,867,681	979,338	1,888,343	2,877,474	1,012,139	1,865,335	43,488	27-Dairy prod, greenhouse, cattle/calves, apples(71%).
NC	6,439,341	3,110,371	3,328,970	6,986,814	3,251,476	3,735,338	40,159	8-Hogs, broilers, tobacco, greenhouse(62%).
ND	3,028,022	2,403,427	624,595	3,153,765	2,588,112	565,653	296,202	23-Wheat, cattle/calves, barley, sunflower(69%).
OH	4,438,388	2,874,796	1,563,592	4,576,009	2,986,816	1,589,193	167,307	15-Soybeans, corn, dairy prod, greenhouse(65%).
OK	3,898,466	1,199,059	2,699,407	3,704,737	1,133,469	2,571,268	164,674	19-Cattle/calves, wheat, broilers, greenhouse (75%).
OR	2,650,706	1,929,627	721,079	2,719,992	2,054,775	665,217	52,050	28-Greenhouse, cattle/calves, wheat, hay(43%).
PA	3,769,178	1,164,194	2,604,984	3,738,250	1,186,204	2,552,046	41,055	18-Dairy prod, cattle/calves, greenhouse, mushrooms(64%).
RI	80,422	68,335	12,087	80,059	70,051	10,008	318	49-Greenhouse, dairy prod, chicken eggs, sweet corn(72%).
SC	1,383,281	768,243	615,038	1,441,296	830,313	610,983	33,782	34-Broilers, tobacco, greenhouse, cotton(50%).
SD	3,335,563	1,633,924	1,701,639	3,383,637	1,707,340	1,676,297	245,035	21-Cattle/calves, corn, soybeans, wheat(70%).
TN	2,171,600	1,199,891	971,709	2,126,727	1,258,284	868,443	47,338	31-Cattle/calves, cotton, dairy prod, tobacco(51%).
TX	12,929,651	4,817,398	8,112,253	13,287,680	4,833,844	8,453,836	642,878	2-Cattle/calves, cotton, greenhouse, dairy prod(72%).
UT	826,942	229,841	597,101	815,400	222,957	592,443	24,507	37-Cattle/calves, dairy prod, hay, greenhouse(69%).
VT	478,746	88,642	390,104	472,314	92,277	380,037	4,322	44-Dairy products, cattle/calves, greenhouse, hay(87%).
VA	2,194,166	784,735	1,409,431	2,248,012	854,832	1,393,180	25,393	30-Broilers, dairy prod, cattle/calves, turkeys(50%).
WA	4,768,986	3,143,459	1,625,527	5,157,957	3,563,581	1,594,376	115,927	12-Apples, dairy prod, cattle/calves, wheat(54%).
WV	400,384	69,406	330,978	386,335	74,285	312,050	5,236	46-Broilers, cattle/calves, turkeys, dairy prod (71%).
WI	5,378,700	1,417,171	3,961,529	5,582,296	1,656,284	3,926,012	183,840	10-Dairy prod, corn, cattle/calves, soybeans(78%).
WY	783,407	160,315	623,092	725,987	182,069	543,918	31,226	39-Cattle/calves, hay, sugar beets, sheep/lambs(83%).
US	180,775,019	92,645,620	88,129,399	185,750,021	98,906,230	86,843,791	7,252,270	Cattle/calves, dairy prod, corn, soybeans (46%).

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Table 9-41.—Expenses: Farm production expenses, United States, 1986–95¹

Item	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Total production expenses	125,222.4	131,034.2	139,907.7	146,660.2	153,397.6	153,341.0	152,520.4	160,530.4	167,444.0	175,580.6
Feed purchased	17,472.3	17,463.2	20,246.2	20,743.6	20,387.4	19,329.1	20,129.8	21,428.7	22,628.3	24,528.4
Livestock and poultry purchased	9,757.9	11,832.1	13,035.8	12,935.1	14,641.5	14,129.1	13,573.9	14,606.8	13,249.5	12,557.4
Seed purchased	3,187.7	3,258.9	4,059.5	4,397.2	4,517.8	5,113.3	4,912.3	5,162.1	5,372.5	5,462.5
Fertilizer and lime	6,820.2	6,452.5	7,677.8	8,173.9	8,205.8	8,665.5	8,330.8	8,397.9	9,180.8	10,034.3
Pesticides	4,323.7	4,512.2	4,147.7	5,011.5	5,361.3	6,318.0	6,467.6	6,718.1	7,218.5	7,718.5
Fuel and oil	5,310.0	4,956.6	4,800.0	4,771.5	5,789.7	5,607.5	5,298.4	5,349.8	5,323.3	5,687.4
Other	23,731.3	27,180.7	29,576.8	31,616.5	32,776.7	34,153.7	33,339.8	37,376.3	40,391.8	43,678.6
Interest	16,498.3	14,971.9	14,294.1	13,932.5	13,395.5	12,093.1	11,167.4	10,838.2	11,806.7	12,757.3
Contract and hired labor expenses	9,484.0	9,975.5	10,906.7	12,028.8	14,114.1	13,897.5	14,004.7	15,000.9	15,308.1	16,285.1
Net rent to nonoperator landlord ¹	6,098.9	8,244.3	8,383.9	9,427.6	10,085.6	9,926.5	10,764.5	10,949.7	11,525.4	10,872.5
Capital consumption	17,926.0	17,218.5	17,606.2	18,117.5	18,130.2	18,187.3	18,312.5	18,387.8	18,780.4	19,107.2
Property taxes	4,611.8	4,967.9	5,172.9	5,504.5	5,992.0	5,920.5	6,218.7	6,314.0	6,658.8	6,891.2

¹Includes landlord capital consumption.

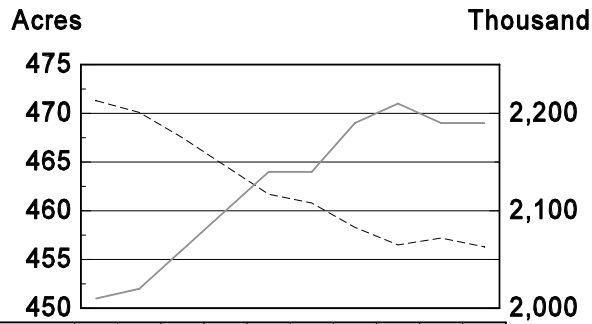
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Table 9-42.—Average Income to Farm Operator Households, United States, 1992–95 ¹

Item	1992	1993	1994	1995
Dollars per farm				
Net cash farm business income ²	11,320	11,248	11,389	11,218
Less depreciation ³	5,187	6,219	6,466	6,795
Less wages paid to operator ⁴	216	454	425	522
Less farmland rental income ⁵	360	534	701	769
Less adjusted farm business income due to other household(s) ⁶	961	872	815	649
Dollars per farm operator household				
Equals adjusted farm business income	4,596	3,168	2,981	2,484
Plus wages paid to operator	216	454	425	522
Plus net income from farmland rental ⁷	360	n.a.	n.a.	1,053
Equals farm self-employment income	5,172	3,623	3,407	4,059
Plus other farm-related earnings ⁸	2,008	1,192	970	661
Equals earnings of the operator household from farming activities	7,180	4,815	4,376	4,720
Plus earnings of the operator household from off-farm sources ⁹ ..	35,731	35,408	38,092	39,671
Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS	42,911	40,223	42,469	44,392
Dollars per U.S. household				
U.S. average household income ¹⁰	38,840	41,428	43,133	44,938
Percent				
Average farm operator household income as percent of U.S. average household income	110.5	97.1	98.5	98.8
Average operator household earnings from farming activities as percent of average operator household income	16.7	12.0	10.3	10.6

¹The Current Population Survey (CPS), conducted by the Census Bureau, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. In-kind receipts are excluded. The CPS definition departs from a strictly cash concept by including depreciation in the list of operating expenses that farm operators and other self-employed people subtract from gross receipts when they report net money income. ²A component of farm sector income. Excludes income of contractors and landlords as well as the income of farms organized as nonfamily corporations or cooperatives and farms run by a hired manager. Includes the income of farms organized as proprietorships, partnerships, and family corporations, which are all closely held by households. ³Consistent with the CPS definition of self-employment income, reported depreciation expenses are subtracted from net cash farm income. The Farm Costs and Returns Survey collects farm business depreciation used for tax purposes. ⁴Wages paid to the operator are subtracted here because they are not shared among other households that have claims on farm business income. The Farm Costs and Returns Survey collects farm business depreciation used for tax purposes. ⁵Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. ⁶More than one household per farm may have a claim on the income of a farm business. The national average is 1.1 households per farm sharing the income of a farm business. ⁷Includes net rental income from the farm business. Also includes net rental income from farmland held by household members that is not part of the farm business. In 1992 gross rental income from the farm business was used because net rental data were not collected. In 1993 and 1994, net rental income was collected as a part of off-farm income. ⁸Includes wages paid to other operator household members by the farm business and earnings (net income) from a farm business other than the one being surveyed. ⁹Income from wages, salaries, nonfarm businesses, interest, dividends, transfer payments, net rental income from nonfarm properties, etc. In 1993 and 1994, also includes net rental income from farmland. ¹⁰From the Current Population Survey. ERS, Farm Business Economics Branch, (202) 219-0592. Sources: U.S. Dept. of Agriculture, Economic Research Service, 1992, 1993, 1994, and 1995 Farm Costs and Returns Survey, for farm operator household data. U.S. Dept. of Commerce, Bureau of the Census, Current Population Survey, for U.S. average household income.

Farms and Average Size of Farm 1987-96

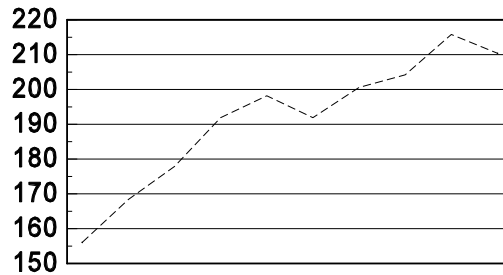


Year	87	88	89	90	91	92	93	94	95	96
Farms	2,213	2,201	2,175	2,146	2,117	2,108	2,083	2,065	2,072	2,063
Average Size	451	452	456	460	464	464	469	471	469	469

NASS Table 9-2

Gross Farm Income, 1986-95

Billion Dollars



Year	86	87	88	89	90	91	92	93	94	95
Gross Income	156.1	168.4	177.9	191.9	198.2	191.9	200.6	204.2	215.8	210.4

NASS Table 9-39