

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 523.
- Farm property, table 524.
- Population and employment, table 536.
- Farm production and distribution, table 544.
- Price and income, table 550.
- Costs and expenses, table 562

Table 523.—Economic trends: Data relating to agriculture, United States, 1985–94

Year	Prices paid by farmers ¹		Prices received by farmers ¹	Farm income ²			
	Total including interest, taxes, and wage rates	Production items		Gross farm income ⁶	Production expenses	Net 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>
1985	86	91	91	161.2	132.4	28.8	30.5
1986	85	86	87	156.1	125.1	31.1	32.1
1987	87	87	89	168.3	130.2	38.0	38.0
1988	91	90	99	177.3	139.8	37.5	36.1
1989	96	95	104	191.9	146.9	45.0	41.5
1990	98	99	104	198.5	153.7	44.8	39.5
1991	100	100	100	191.8	153.4	38.4	32.7
1992	101	101	98	200.5	152.6	47.9	39.6
1993	103	103	101	203.0	160.9	42.1	34.1
1994	106	106	100	213.5	166.7	46.7	37.0

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>
1985	3,268.4	2,943.0	94.4	107.6	104.6
1986	3,437.9	3,131.5	95.3	109.6	107.3
1987	3,692.3	3,289.5	100.0	113.6	109.5
1988	4,002.6	3,548.2	95.3	118.3	112.6
1989	4,249.5	3,787.0	104.4	124.0	118.7
1990	4,491.0	4,050.5	106.0	130.7	124.4
1991	4,608.2	4,236.6	106.0	136.2	124.1
1992	4,829.5	4,505.8	104.3	140.3	123.3
1993	5,131.4	4,688.7	107.6	144.5	125.7
1994	5,458.4	4,959.6	112.0	148.2	126.8

¹U.S. Department of Agriculture - NASS. ²U.S. Department of Agriculture - ERS. ³U.S. Department of Commerce. ⁴Federal Reserve Board. ⁵U.S. Department of Labor. ⁶Preliminary. Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories.

ERS, Farm Business Economics Branch, (202) 219-0800.

Table 524.—Farms: Number, land in farms, and average size of farm, U.S., 1986–95

Year	Farms ¹	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1986	2,249,820	1,005,333	447
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	2,073,320	972,253	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, Economics Statistics Branch, (202) 720-3570.

Table 525.—Farms: Percent of farms, land in farms, and average size, by economic class, United States, June 1, 1994–95

Economic sales class value of sales	Percent of total				Average size of farm	
	Farms		Land		1994	1995 ¹
	1994	1995 ¹	1994	1995 ¹		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000–\$2,499	20.4	21.4	2.6	2.7	60	59
\$2,500–\$4,999	14.0	14.4	2.9	2.9	98	94
\$5,000–\$9,999	13.3	13.0	4.0	4.1	142	148
\$10,000–\$19,999	11.9	11.7	6.7	6.6	265	265
\$20,000–\$39,999	10.7	10.5	9.7	9.8	427	438
\$40,000–\$99,999	13.3	12.9	20.5	20.2	726	734
\$100,000–\$249,999	10.7	10.3	25.7	25.7	1,132	1,170
\$250,000–\$499,999	3.4	3.5	13.1	13.1	1,816	1,755
\$500,000+	2.3	2.3	14.8	14.9	3,032	3,038
Total	100.0	100.0	100.0	100.0	471	469

¹ Preliminary.

NASS, Economics Statistics Branch, (202) 720-3570.

Table 526.—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 527.—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 527.a—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	6 393.0	35.4
1969	1,063.3	137.6	241.8	379.4	35.7
1974	1,017.0	122.3	258.4	380.7	37.4
1978	1,029.7	124.1	285.3	406.3	39.4
1982	986.2	113.6	269.9	383.5	38.9
1987	964.5	126.9	275.4	402.3	41.7
1992	945.5	122.7	282.2	404.9	42.8

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) 219-0424. Data from the Census of Agriculture, U.S. Department of Commerce and Economic Research Service.

Table 528.—Farms: Number and land in farms, by States, 1994 and 1995

State	Farms ¹		Land in farms	
	1994	1995 ²	1994	1995 ²
	Number	Number	1,000 acres	1,000 acres
AL	46,000	47,000	10,200	10,200
AK	520	520	930	920
AZ	7,400	7,400	35,400	35,400
AR	44,000	44,000	15,100	15,000
CA	79,000	80,000	29,900	30,000
CO	25,300	25,000	32,700	32,700
CT	3,800	3,800	390	380
DE	2,500	2,500	570	570
FL	39,000	39,000	10,300	10,300
GA	45,000	45,000	12,100	12,000
HI	4,800	4,800	1,590	1,590
ID	20,500	21,500	13,500	13,500
IL	77,000	77,000	28,100	28,100
IN	63,000	63,000	16,000	15,900
IA	101,000	100,000	33,200	33,200
KS	65,000	66,000	47,800	47,800
KY	89,000	89,000	14,100	14,000
LA	28,000	27,000	8,400	8,500
ME	7,600	7,600	1,360	1,350
MD	14,500	14,300	2,200	2,200
MA	6,000	5,800	600	570
MI	52,000	54,000	10,700	10,700
MN	85,000	87,000	29,700	29,800
MS	39,000	40,000	12,800	12,900
MO	105,000	106,000	30,100	30,000
MT	22,500	22,000	59,700	59,700
NE	55,000	56,000	47,100	47,100
NV	2,400	2,500	8,800	8,800
NH	2,400	2,300	440	440
NJ	8,900	9,000	860	850
NM	13,500	13,500	44,200	44,000
NY	36,000	36,000	7,900	7,700
NC	58,000	58,000	9,300	9,200
ND	32,000	32,000	40,400	40,300
OH	75,000	74,000	15,200	15,200
OK	70,000	71,000	34,000	34,000
OR	38,000	38,500	17,500	17,500
PA	51,000	50,000	7,800	7,700
RI	700	700	63	63
SC	23,000	22,000	5,100	5,050
SD	34,000	33,000	44,200	44,000
TN	83,000	82,000	12,000	12,000
TX	200,000	202,000	129,000	129,000
UT	13,000	13,400	11,100	11,100
VT	6,200	6,000	1,400	1,370
VA	46,000	47,000	8,600	8,600
WA	36,000	36,000	15,800	15,800
WV	20,000	20,000	3,700	3,700
WI	79,000	80,000	16,900	16,900
WY	9,200	9,200	34,600	34,600
US	2,064,720	2,073,320	973,403	972,253

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, Economics Statistics Branch, (202) 720-3570.

Table 529.—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	284	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 530.—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

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

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

Table 531.—Farm real estate: Value of farmland and buildings, by States, 1991–95¹

State	Total value of land and buildings				
	Jan. 1, 1991	Jan. 1, 1992	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
AL	8,554	9,173	10,000	11,393	12,875
AZ	10,476	11,196	11,218	11,522	12,282
AR	13,036	12,633	13,464	13,992	14,747
CA	62,933	64,279	66,390	66,169	66,456
CO	14,334	13,120	13,973	15,658	17,020
CT	2,166	2,149	2,384	2,533	2,495
DE	1,243	1,144	1,280	1,431	1,533
FL	22,155	21,347	20,981	22,303	22,860
GA	13,250	12,403	13,685	13,959	15,076
ID	8,829	9,180	9,207	10,450	11,286
IL	41,582	43,622	43,499	47,588	52,346
IN	20,656	21,200	22,320	24,061	26,302
IA	38,157	38,510	40,360	42,532	44,786
KS	21,507	21,988	22,131	24,035	25,573
KY	13,508	13,931	15,186	16,021	17,498
LA	8,096	8,056	8,359	8,402	9,199
ME	1,501	1,467	1,582	1,675	1,681
MD	5,387	5,566	6,404	7,282	8,155
MA	2,925	2,951	2,988	3,203	3,077
MI	11,729	11,948	12,102	12,985	14,219
MN	26,430	26,343	27,027	27,135	27,907
MS	9,805	9,651	9,946	10,701	11,432
MO	21,979	22,240	23,375	24,835	26,411
MT	13,206	13,140	13,575	15,165	16,529
NE	24,351	24,351	24,209	26,485	28,074
NV	2,145	2,332	2,243	2,355	2,543
NH	1,053	988	993	1,082	1,094
NJ	5,580	5,905	6,040	6,370	6,844
NM	9,303	9,370	8,575	9,184	9,883
NY	9,089	9,340	10,020	10,925	10,628
NC	13,267	13,823	14,786	14,965	16,092
ND	13,615	12,847	13,534	14,278	15,041
OH	20,771	21,498	22,131	24,212	27,359
OK	15,741	16,388	16,864	17,572	18,609
OR	10,431	10,623	11,603	13,076	14,776
PA	15,690	16,584	16,242	17,528	18,013
RI	371	355	397	433	438
SC	5,782	5,990	5,856	6,141	6,749
SD	12,951	12,641	12,067	12,658	13,306
TN	13,578	14,238	15,065	15,000	16,035
TX	65,238	63,440	64,870	67,396	70,968
UT	4,712	5,029	5,499	5,957	6,731
VT	1,884	1,847	1,919	2,048	2,026
VA	13,112	14,294	14,070	14,534	15,232
WA	13,824	14,080	14,272	16,194	16,825
WV	2,605	3,119	3,141	3,217	3,368
WI	14,858	14,965	15,818	16,367	18,004
WY	5,533	5,046	5,501	6,211	6,633
48 States	688,923	696,327	717,147	759,217	807,017

¹Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. Revised values for 1991–94.

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

Table 532.—Land utilization, United States, selected years, 1940–92

Major land uses	1940	1950	1959	1969	1978	1982	1987	1992
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Cropland used for crops ¹	368	377	359	333	369	383	331	337
Idle cropland	31	32	33	51	26	21	68	56
Cropland used only for pasture	68	69	66	88	76	65	65	67
Grassland pasture ²	650	631	633	604	587	597	591	591
Forest land ³	608	601	728	723	703	655	648	648
Special uses ⁴ .....	.....	.....	147	174	203	320	335	340
Other land	179	194	305	291	301	224	227	224
Total land area ⁵	1,904	1,904	2,271	2,264	2,265	2,265	2,265	2,263

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴ Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. ⁵ Remeasurement and increases in 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 533.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 1991–95¹

State	Mar. 1, 1970	Jan. 1, 1991	Jan. 1, 1992	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
AL	200	864	936	1,000	1,117	1,262
AZ	70	291	311	316	325	347
AR	260	841	815	880	927	933
CA	479	2,077	2,157	2,213	2,213	2,215
CO	95	437	400	426	479	520
CT	921	5,158	5,241	5,959	6,495	6,567
DE	499	2,181	2,042	2,246	2,511	2,689
FL	355	2,110	2,033	2,037	2,165	2,219
GA	234	1,095	1,025	1,131	1,154	1,256
ID	177	654	680	682	774	836
IL	490	1,459	1,536	1,548	1,694	1,863
IN	406	1,291	1,325	1,395	1,504	1,654
IA	392	1,139	1,153	1,212	1,281	1,349
KS	159	449	460	463	503	535
KY	253	958	988	1,077	1,130	1,250
LA	321	920	926	972	1,000	1,082
ME	161	1,057	1,033	1,130	1,232	1,245
MD	640	2,394	2,530	2,911	3,310	3,707
MA	565	4,301	4,340	4,898	5,339	5,398
MI	326	1,086	1,106	1,131	1,214	1,329
MN	226	881	884	910	914	936
MS	234	766	754	777	836	886
MO	224	723	734	774	825	880
MT	60	219	219	227	254	277
NE	154	517	517	514	562	596
NV	53	241	262	252	268	289
NH	239	2,194	2,103	2,256	2,459	2,486
NJ	1,092	6,341	6,710	6,942	7,407	8,052
NM	42	210	212	194	208	225
NY	273	1,095	1,139	1,237	1,383	1,390
NC	333	1,382	1,455	1,573	1,609	1,749
ND	94	337	318	335	353	373
OH	399	1,323	1,396	1,456	1,593	1,800
OK	173	477	482	496	517	547
OR	150	586	607	663	747	844
PA	373	1,937	2,073	2,056	2,247	2,339
RI	734	5,619	5,627	6,304	6,871	6,947
SC	261	1,112	1,152	1,137	1,204	1,337
SD	84	293	286	273	286	302
TN	268	1,095	1,130	1,245	1,250	1,336
TX	148	498	488	499	522	550
UT	92	417	445	491	537	606
VT	224	1,248	1,223	1,342	1,463	1,479
VA	286	1,490	1,643	1,636	1,690	1,771
WA	224	864	880	892	1,025	1,065
WV	136	704	843	849	869	910
WI	232	849	865	925	968	1,065
WY	41	159	145	159	180	192
48 States	196	703	713	736	782	832

¹ Revised values for 1991-94.
ERS, Natural Resources and Environment Division, (202) 219-0435.

Table 534.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1985–94

Item	1985 ¹	1986	1987	1988	1989
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	586.2	542.3	578.9	595.5	615.7
Non-real estate:					
Livestock ²	46.3	47.8	58.0	62.2	66.2
Machinery and motor vehicles	82.9	81.5	80.0	81.2	85.1
Crops stored on and off farms ³	22.9	16.3	17.5	23.3	23.4
Purchased inputs	1.2	2.1	3.2	3.5	2.6
Financial assets:					
Investments in cooperatives	24.3	24.4	25.3	25.1	26.3
Other ⁴	9.0	10.0	9.9	10.3	10.5
Total⁵	772.7	724.4	772.6	801.1	829.7
CLAIMS					
Liabilities:					
Real estate debt	100.1	90.4	82.4	77.6	75.4
Non-real estate debt to—					
Reporting institutions ⁶	62.5	54.4	51.1	50.0	49.6
Nonreporting creditors ⁷	15.0	12.1	10.9	11.7	12.2
Total liabilities⁵	177.6	157.0	144.4	137.4	137.2
Proprietors' equity	595.1	567.4	628.2	661.7	692.4
Total⁵	772.7	724.4	772.6	801.1	829.7
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	628.2	623.2	633.1	656.3	692.0
Non-real estate:					
Livestock ²	70.9	68.1	71.0	72.8	68.3
Machinery and motor vehicles	85.4	85.8	85.6	85.2	85.7
Crops stored on and off farms ³	23.0	22.2	24.2	23.3	23.4
Purchased inputs	2.8	2.7	3.9	4.2	5.0
Financial assets:					
Investments in cooperatives	27.5	28.6	29.4	30.8	31.0
Other ⁴	11.0	11.8	13.7	15.7	17.0
Total⁵	848.6	842.4	860.7	888.3	922.4
CLAIMS					
Liabilities:					
Real estate debt	74.1	74.5	75.0	76.0	78.1
Non-real estate debt to—					
Reporting institutions ⁶	50.5	51.3	50.4	51.7	53.9
Nonreporting creditors ⁷	12.7	13.0	13.2	14.2	15.2
Total liabilities⁵	137.4	138.8	138.6	141.9	147.2
Proprietors' equity	710.9	703.6	722.2	746.1	775.2
Total⁵	848.3	842.4	860.8	888.0	922.4

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 535.—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 536.—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 537.—Farm machines, selected types: Units shipped in the United States, 1984-93

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>
1984	5,031	2,727	6,006	9,395	9,419	39,844	9,798
1985	3,212	2,208	3,866	5,543	8,168	41,606	14,497
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	.....	3,302	.....	2,885	8,735	19,708	24,221

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>
1984	9,069	24,807	4,653	11,296	14,151	4,388	3,989
1985	8,072	19,989	3,244	7,027	9,978	2,829	4,073
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	7,928	21,706	1,976	.....	.....	.....	.....

Year	Peanut combines, diggers, shakers, and windrows	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>
1984	1,145	347	11,810	2,645	8,194	38,113	19,218
1985	1,296	302	8,957	2,416	7,501	60,841	12,397
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	.....	.....	10,912	2,384	34,840	33,211	17,236

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

Table 538.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1984–91

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	<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	7,170,967	152,464	369,681	601,094	175,355	1,424,639	611,568	197,790
1985	5,694,616	110,984	286,595	453,250	139,985	1,190,831	498,116	193,727
1986	4,770,400	75,310	211,311	371,210	81,103	1,230,124	383,434	203,657
1987	5,324,024	74,643	261,380	409,082	104,619	1,282,315	433,671	208,189
1988	6,793,524	117,725	334,499	508,566	154,471	1,422,751	574,587	193,275
1989	8,265,407	130,754	401,933	638,248	201,162	1,858,777	731,077	207,521
1990	9,517,158	135,972	401,145	676,159	224,947	2,302,510	875,104	230,809
1991	8,425,140	119,781	327,276	604,600	166,585	2,157,966	685,905	204,602
1992 ⁴ .								
1993 ⁴ .								

Year	Tractors for farm use ^{1 2}	Farm wagons and other farm transportation equipment ³	Sprayers and dusters	Farm elevators and blowers	Farm dairy machines and equipment	Farm poultry equipment	Hog equipment	Other barn and barnyard equipment
	<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	2,045,298	133,386	252,992	69,773	105,430	120,646	44,038	168,912
1985	1,443,221	109,237	244,412	66,877	92,308	109,000	35,938	156,768
1986	893,432	111,342	212,566	82,049	77,127	93,420	41,964	129,146
1987	958,597	149,217	214,484	73,648	76,584	116,763	66,415	164,142
1988	227,860	1,725,202	274,994	64,342	95,492	144,149	75,717	214,133
1989	201,815	2,189,999	304,311	62,397	111,488	161,832	68,131	181,914
1990	257,994	2,603,246	335,132	70,314	110,563	197,124	78,788	204,062
1991	213,206	2,200,836	299,213	61,764	89,832	193,380	82,542	190,880
1992 ⁴ .								
1993 ⁴ .								

¹ Beginning 1984, only wheel tractors included. ² For 1988 and after, attachments and parts only. ³ For 1988 and after, includes tractors. Tractors are no longer reported separately to avoid disclosing figures of individual companies. ⁴ Series was discontinued in 1992.

ERS, Natural Resource Conservation and Management Branch, (202) 219-0422.

Table 539.—Farm labor: Number of workers on farms and average wage rates, by States and regions, 1995 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. 8-14, 1995</i>							
Northeast I	11	36	7.40	5.87	6.46	7.11	6.93
Northeast II	22	22	6.63	5.12	5.84	6.61	6.16
Appalachian I	15	30	5.92	6.07	6.00	5.89	7.02
Appalachian II	21	26	5.33	5.69	5.51	5.64	⁵
Southeast	8	26	5.44	5.25	5.39	5.37	6.19
FL	3	55	6.54	6.25	6.51	6.75	10.85
Lake	50	56	6.86	5.56	5.83	6.51	6.09
Cornbelt I	33	30	6.16	6.28	6.21	6.39	7.32
Cornbelt II	27	33	5.63	6.36	6.07	6.21	7.12
Delta	18	22	5.61	5.46	5.54	5.42	6.54
N. Plains	37	24	7.31	6.86	6.99	6.60	7.88
S. Plains	39	51	5.33	5.45	5.39	5.44	6.25
Mountain I	10	14	6.60	6.50	6.52	7.36	6.84
Mountain II	7	14	6.53	5.96	6.13	6.55	6.73
Mountain III	25	16	6.58	5.51	6.20	6.31	⁵
Pacific	9	45	6.43	7.34	6.60	6.53	9.57
CA	10	122	6.00	6.98	6.17	6.07	9.57
HI	1	7	8.60	⁵	8.55	8.78	14.10
US (49 States)	346	629	6.20	6.00	6.12	6.28	7.46
<i>Apr. 9-15, 1995</i>							
Northeast I	16	42	6.90	5.71	6.30	7.29	6.65
Northeast II	22	33	6.53	5.30	6.06	6.56	6.22
Appalachian I	18	44	5.54	6.17	5.69	5.87	6.61
Appalachian II	32	30	5.68	5.48	5.61	5.92	5.26
Southeast	12	42	5.16	5.56	5.24	5.31	6.14
FL	3	50	7.05	6.20	6.97	7.25	10.90
Lake	53	64	6.70	5.79	6.28	6.76	7.23
Cornbelt I	30	46	6.25	5.94	6.19	6.40	7.46
Cornbelt II	30	33	6.16	5.63	5.77	5.69	7.15
Delta	16	33	5.23	5.84	5.41	5.33	6.28
N. Plains	40	23	6.63	5.66	6.12	6.37	6.07
S. Plains	44	54	5.44	5.67	5.54	5.63	6.00
Mountain I	17	19	5.61	5.38	5.51	5.60	5.77
Mountain II	9	13	5.65	5.53	5.58	5.47	6.91
Mountain III	24	19	5.71	6.53	5.98	5.94	7.19
Pacific	13	56	6.39	7.37	6.49	6.50	9.53
CA	6	214	5.94	7.25	6.03	6.00	10.81
HI	1	7	8.75	⁵	8.73	9.00	14.16
US (49 States)	386	822	6.05	5.88	6.01	6.20	7.29

See footnotes at end of table.

Table 539.—Farm labor: Number of workers on farms and average wage rates, by States and regions¹, 1995—Continued

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>July 9–15, 1995</i>							
Northeast I	26	53	6.58	5.71	6.23	6.84	6.52
Northeast II	35	52	6.10	5.22	5.86	6.30	6.29
Appalachian I	24	79	5.63	6.13	5.68	5.55	6.56
Appalachian II	43	44	5.37	5.56	5.43	5.32	6.48
Southeast	22	46	5.47	5.58	5.49	5.41	6.36
FL	7	48	6.79	6.45	6.75	6.91	11.25
Lake	87	90	6.18	5.71	6.03	6.40	6.43
Cornbelt I	65	56	6.07	6.10	6.08	5.97	7.04
Cornbelt II	60	36	5.93	5.95	5.93	6.03	6.87
Delta	26	47	5.28	5.72	5.40	5.36	6.23
No. Plains	79	38	6.10	5.33	5.83	6.30	5.51
So. Plains	58	69	5.39	5.76	5.52	5.41	6.58
Mountain I	19	33	5.71	5.91	5.77	6.15	5.70
Mountain II	17	20	5.48	5.09	5.31	5.92	5.61
Mountain III	25	20	5.54	6.31	5.71	5.65	8.01
Pacific	27	103	6.66	7.35	6.70	6.44	8.58
CA	11	225	6.27	7.52	6.37	6.27	10.29
HI	1	7	8.81	5	8.78	9.00	14.68
United States (49 States)	632	1,066	6.09	5.94	6.06	6.12	7.13
<i>October 8–14, 1995</i>							
Northeast I	19	49	6.70	5.98	6.47	6.98	6.73
Northeast II	27	37	6.47	5.33	6.15	6.68	6.19
Appalachian I	20	46	5.92	6.39	5.99	6.02	6.72
Appalachian II	33	28	5.61	5.83	5.67	5.68	5
Southeast	10	38	5.52	5.50	5.52	5.78	6.77
FL	6	63	6.02	6.40	6.06	6.00	12.50
Lake	85	76	6.70	5.92	6.51	6.92	6.83
Cornbelt I	68	55	6.52	5.97	6.40	6.53	7.10
Cornbelt II	67	37	5.85	5.91	5.86	5.99	6.25
Delta	18	46	4.97	5.46	5.04	5.15	5.45
No. Plains	60	44	6.49	6.49	6.49	6.72	6.55
So. Plains	55	64	5.15	6.22	5.53	5.35	6.43
Mountain I	14	37	5.61	6.12	5.71	5.73	5.85
Mountain II	10	14	5.87	5.46	5.76	6.12	5
Mountain III	24	21	5.61	5.96	5.72	5.52	5
Pacific	14	74	7.28	7.47	7.29	6.58	5
CA	10	220	6.32	7.40	6.39	6.23	10.70
HI	1	8	8.40	5	8.39	8.64	13.90
United States (49 States)	541	957	6.19	6.17	6.19	6.20	7.30

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.

NASS, Economics Statistics Branch, (202) 720-3570.

Table 540.—Farm labor: Number of workers on farms, average wage rates, and indexes, United States, 1986-95¹

Year	Total workers		Unpaid workers ²		Hired workers ³		Wage rates	Hired workers ³ Index ⁴ 1977=100
	Number of workers	Index ⁴ 1977=100	Number of workers	Index ⁴ 1977=100	Number of workers	Index ⁴ 1977=100		
1986								
Apr	2,718	66	1,808	61	910	79	4.71	167
July	3,204	63	1,971	62	1,233	66	4.57	165
Oct	2,814	68	1,839	65	975	74	4.83	162
1987								
Apr	2,636	64	1,751	59	885	76	4.90	174
July	3,211	63	1,941	61	1,270	68	4.78	173
Oct	2,843	68	1,846	65	997	76	4.92	165
1988								
Apr	2,732	66	1,796	60	936	81	5.00	177
July	3,218	64	2,018	63	1,200	64	4.90	177
Oct	2,913	70	1,937	68	976	74	5.18	173
1989								
Jan	2,322	72	1,621	67	701	86	5.51	186
Apr	2,607	63	1,777	60	830	72	5.35	190
July	3,448	68	2,251	71	1,197	64	5.23	189
Oct	3,076	74	2,093	74	983	75	5.42	181
1990								
Jan	2,447	76	1,752	73	695	83	5.70	193
Apr	2,761	72	1,928	65	833	75	5.54	194
July	3,335	66	2,229	70	1,106	58	5.30	193
Oct	3,022	72	2,087	74	935	68	5.64	186
1991								
Jan	2,446	77	1,740	72	706	84	6.00	204
Apr	2,743	71	1,917	65	826	74	5.81	203
July	3,318	65	2,205	69	1,113	58	5.57	203
Oct	3,002	72	2,006	71	996	73	5.88	194
1992								
Jan	2,449	77	1,746	72	703	84	6.37	216
Apr	2,669	70	1,832	62	837	75	6.05	212
July	3,172	63	2,140	67	1,032	54	5.82	212
Oct	2,950	70	2,058	72	892	65	6.09	201
1993								
Jan	2,348	72	1,737	72	611	73	6.40	217
Apr	2,660	70	1,832	62	828	74	6.37	223
July	3,225	64	2,163	68	1,062	56	6.07	221
Oct	2,966	70	2,038	72	928	68	6.26	206
1994								
Jan	2,340	(5)	1,703	(5)	637	(5)	6.54	(5)
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	(5)
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	

¹Beginning 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. ²Includes 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. ³Includes all persons doing farm work for pay during the survey week. ⁴Index is not seasonally adjusted. ⁵Index discontinued in 1994.

Table 541.—Hired Farmworkers: Number of Workers and Median Weekly Earnings, 1992–94^{1 2}

Characteristics	Workers			Median Weekly Earnings ³		
	1992	1993	1994	1992	1993	1994
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
All workers	848	803	779	200	220	238
15–19 years old	122	112	84	100	125	130
20–24 years old	113	106	125	200	210	225
25–34 years old	246	236	223	235	250	250
35–44 years old	175	175	164	250	250	262
45–54 years old	96	97	105	250	250	248
55 years old and older	96	77	78	200	200	228
Male	711	680	653	220	225	248
Female	137	123	126	175	192	180
White ⁴	506	462	393	225	225	240
Black and other races ⁴	82	71	59	190	200	210
Hispanic	260	270	326	200	225	235
Schooling completed ⁵						
Less than 5th grade	119	132	105	200	210	200
5th–8th grade	135	140	175	200	200	231
9th–12th grade (no diploma)	229	175	173	175	200	200
High school diploma	228	217	202	240	240	270
Beyond high school	136	139	123	275	270	300
Full-time (35 or more hours per week)	639	619	628	240	250	250
Part-time (less than 35 hours per week)	179	184	151	90	100	115

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 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 542.—Crops: Area, United States, 1986–95

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>
1986	101,583	63,709	310,098	338,220	2,308.9	3,431.9
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	308,138	323,968	3,428.3	3,682.4
1995	82,509	64,442	301,186	318,458	3,404.7	3,684.7

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 543.—Crops: Area, yield, production, and value, United States, 1993–95¹

Crop	Area harvested ²			Unit	Yield per harvested acre ³			Production			Value of production		
	1993	1994	1995 ⁴		1993	1994	1995 ⁴	1993	1994	1995 ⁴	1993	1994	1995 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	62,921	72,887	64,995	Bushel	100.7	138.6	113.5	6,336,470	10,102,735	7,373,876	16,031,861	22,992,309	23,145,365
Corn for silage	6,831	5,601	5,295	Ton	11.9	15.8	14.7	81,289	88,588	77,867	.....	.....	.....
Wheat, all ⁵	62,712	61,770	60,971	Bushel	38.2	37.6	35.8	2,396,440	2,320,981	2,185,539	7,647,527	7,968,237	9,744,472
Winter ⁵	43,811	41,355	40,993	Bushel	40.2	40.2	37.7	1,760,143	1,661,943	1,547,311	5,287,607	5,578,351	6,689,092
Durum ⁵	2,100	2,715	3,356	Bushel	33.6	35.6	30.5	70,476	96,747	102,280	324,049	449,041	582,767
Other spring ⁵	16,801	17,700	16,622	Bushel	33.7	31.8	32.2	565,821	562,291	535,948	2,035,871	1,940,845	2,472,613
Oats ⁵	3,803	4,010	2,959	Bushel	54.4	57.1	54.7	206,770	229,008	161,847	291,014	299,810	265,773
Barley ⁵	6,753	6,667	6,277	Bushel	58.9	56.2	57.2	398,041	374,862	359,102	812,889	783,709	1,027,383
Rye ⁵	381	407	378	Bushel	27.1	27.9	26.3	10,340	11,341	9,928	27,149	30,520	27,778
Flaxseed	191	171	147	Bushel	18.2	17.1	15.0	3,480	2,922	2,211	14,848	13,590	11,384
Rice	2,833.0	3,316.0	3,093.0	Cwt	5.510	5.964	5.621	156,110	197,779	173,871	1,246,875	1,336,570	1,514,313
Sorghum for grain	8,916	8,917	8,278	Bushel	59.9	72.8	55.6	534,172	649,206	460,373	1,234,500	1,323,801	1,408,490
Sorghum for silage	351	329	368	Ton	11.2	12.0	9.9	3,914	3,932	3,652	.....	.....	.....
Cotton lint	12,783.3	13,322.3	15,985.9	Bale	606	708	540	16,133.6	19,662.0	17,971.2	4,520,908	6,796,654	6,550,685
Cottonseed .....	.....	.....	.....	Ton .....	.....	.....	.....	6,343.2	7,603.9	7,373.7	714,389	771,315	730,437
Hay, all	59,679	58,735	59,779	Ton	2.46	2.55	2.59	146,799	150,060	154,786	10,956,746	11,113,656	10,977,122
Beans, dry edible	1,622.0	1,835.2	1,899.3	Cwt ⁶	1,351	1,582	1,634	21,913	29,028	31,032	539,531	632,461	603,767
Soybeans for beans	57,347	60,859	61,624	Bushel	32.6	41.4	34.9	1,870,958	2,516,694	2,151,834	11,949,633	13,756,328	14,564,196
Peanuts for nuts	1,689.8	1,618.5	1,516.0	Pound	2,008	2,624	2,294	3,392,415	4,247,455	3,477,760	1,030,904	1,229,012	1,018,471
Potatoes	1,317.0	1,382.7	1,371.1	Cwt	326	338	323	428,693	467,924	442,309	2,636,650	2,595,999	2,799,067
Sunflower	2,486	3,430	3,368	Pound	1,035	1,410	1,189	2,572,063	4,836,185	4,005,020	326,435	512,791	445,604
Canola	187.0	340.0	428.0	Pound	1,350	1,316	1,278	252,450	447,440	546,984	27,476	49,802	60,668
Mustard seed	16.4	13.4	22.0	Pound	755	970	832	12,382	12,998	18,304	1,336	1,401	2,227
Rapeseed	6.1	6.7	2.4	Pound	1,220	1,880	1,255	7,442	12,596	3,012	761	1,292	361
Safflower	293	228	237	Pound	1,829	1,871	1,770	535,897	426,588	419,490	81,580	62,488	60,200
Sweetpotatoes	80.2	82.8	84.6	Cwt	138	162	152	11,053	13,395	12,883	166,828	187,383	193,704
Taro .....	.5	.5	.6	Pound	11,800	12,400	11,800	6,000	6,100	6,500	2,760	2,806	3,120
Tobacco	746.4	671.1	675.3	Pound	2,161	2,359	1,968	1,613,319	1,582,896	1,328,998	2,829,161	2,808,711	2,444,319
Sugarcane for sugar and seed	948.3	936.8	937.3	Ton	32.8	33.0	33.0	31,101	30,929	30,944	886,285	900,827	N.A.
Sugarbeets	1,409.4	1,443.0	1,416.4	Ton	18.6	22.1	19.7	26,249	31,853	27,954	1,023,687	1,234,470	N.A.
Peppermint oil	98.3	108.5	135.3	Pound	61	69	70	6,027	7,459	9,449	80,139	109,255	129,352
Spearmint oil	32.5	28.4	29.2	Pound	84	78	78	2,722	2,213	2,291	33,488	27,592	28,334
Hops	43.1	42.4	43.2	Pound	1,767	1,758	1,826	76,143.7	74,559.6	78,852.4	133,965	134,701	136,985
Ginger root (HI)	4	2	1	Pound	27,500	40,000	43,000	9,900	6,000	5,800	5,247	5,220	5,046
Apples, commercial crop	460.6	458.9	461.7	Pound	11.60	12.50	12.00	5,342.4	5,750.3	5,546.1	1,363,944	1,467,092	1,808,788
Peaches	174.7	173.6	171.6	Pound	7.61	7.24	6.84	1,330.1	1,256.8	1,174.2	398,852	314,699	412,607
Pears	69.8	70.5	70.6	Ton	13.60	14.80	13.40	948.3	1,046.2	944.3	232,010	233,107	270,424
Grapes	760.2	761.4	768.4	Ton	8.14	7.71	7.74	6,023.2	5,873.6	5,753.3	2,005,476	1,883,421	1,822,339
Cherries, sweet	46.1	46.7	47.4	Ton	3.66	4.44	3.49	168.6	207.3	165.3	190,886	200,574	193,120
Cherries, tart	47.3	46.2	44.2	Pound	3.42	3.14	4.35	161.7	145.1	192.0	30,171	45,922	N.A.
Apricots	20.8	21.2	21.4	Ton	4.68	7.23	2.73	97.4	153.2	58.5	38,694	48,883	27,387
Plums (California)	41.2	41.6	41.3	Ton	4.49	5.94	3.00	185.0	247.0	124.0	93,954	79,358	117,849
Prunes, dried (California)	78.2	77.6	77.0	Ton	4.80	7.65	7.63	375.0	594.0	587.4	135,520	210,370	N.A.

See footnotes at end of table.

CROPS

IX-17

Table 543.—Crops: Area, yield, production, and value, United States, 1993–95¹—Continued

Crop	Area harvested ²			Unit	Yield per harvested acre ³			Production			Value of production		
	1993	1994	1995 ⁴		1993	1994	1995 ⁴	1993	1994	1995 ⁴	1993	1994	1995 ⁴
	1,000 acres	1,000 acres	1,000 acres					Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars
Prunes and plums, fresh basis (excluding California).	7.4	6.8	6.4	Ton	3.84	5.60	3.59	28.2	38.1	23.0	4,746	5,401	6,981
Figs ⁷	12.2	14.6	15.0	Ton	4.98	3.88	3.33	60.7	56.7	50.0	24,341	23,713	18,357
Nectarines	27.1	28.8	32.4	Ton	7.56	8.40	5.43	205.0	242.0	176.0	102,421	68,168	93,990
Olives	30.1	30.6	33.7	Ton	4.05	2.75	2.30	122.0	84.0	77.5	56,991	38,911	49,761
Dates	5.5	5.5	5.5	Ton	5.27	4.18	4.00	29.0	23.0	22.0	22,910	17,250	24,420
Kiwifruit	7.2	6.9	6.8	Ton	6.83	5.71	5.12	49.2	39.4	34.8	16,502	18,413	N.A.
Avocados ⁸	78.6	73.5	N.A.	Ton	1.83	2.40	N.A.	143.7	176.3	N.A.	255,418	245,010	N.A.
Bananas .....	.9	.9	.9	Pound	6.70	7.42	6.45	.....	.....	.....	4,446	5,069	4,560
Papayas	2.6	2.2	2.4	Pound	12.50	14.10	9.47	.....	.....	.....	13,673	13,831	18,477
Pineapples	22.0	22.3	20.8	Ton .....	.....	.....	.....	.....	.....	.....	79,850	78,890	87,360
Cranberries	29.4	31.1	31.7	Barrel	6.67	7.53	6.50	196.0	234.1	205.9	196,820	230,695	N.A.
Strawberries	51.3	49.0	48.4	Cwt	14.10	16.80	15.50	723.9	824.7	751.3	670,753	837,038	753,434
Oranges ⁹	688.2	711.9	771.2	Box	372	338	348	255,760	240,450	268,505	1,489,938	1,541,277	1,563,507
Grapefruit ⁹	145.7	155.0	166.3	Box	469	420	427	68,375	65,100	71,050	301,614	319,081	300,677
Lemons ⁹	62.7	61.1	59.5	Box	396	424	405	24,800	25,900	24,100	239,872	257,362	265,496
Limes ⁹	6.3	1.9	1.9	Box	159	105	121	1,000	200	230	6,547	3,691	3,329
Tangerines ⁹	26.3	29.9	34.2	Box	222	247	187	5,850	7,400	6,400	83,222	92,055	94,489
Tangelos ⁹	10.5	11.3	12.4	Box	290	296	254	3,050	3,350	3,150	16,147	18,323	13,884
Temples ⁹	7.3	6.7	6.8	Box	342	336	375	2,500	2,250	2,550	12,458	12,687	14,050
Pecans .....	.....	.....	.....	Pound .....	.....	.....	.....	182.5	99.5	119.0	213,862	207,345	248,175
Pistachios	57.0	57.5	60.1	Pound	1.33	1.12	1.23	76.0	64.5	74.0	162,640	118,809	141,600
Walnuts	176.0	171.0	170.0	Ton	1.48	1.36	1.29	260.0	232.0	220.0	361,400	232,000	N.A.
Almonds	402.0	403.0	390.0	Pound	1.00	1.45	.78	401.0	584.3	304.3	930,618	900,375	888,000
Hazelnuts (filberts)	26.9	27.4	27.8	Ton	1.52	.77	1.40	41.0	21.1	39.0	25,963	17,604	34,605
Macadamia nuts	18.5	18.5	19.3	Pound	1.31	1.42	1.40	24.3	26.3	27.0	32,980	36,225	39,420
Coffee	4.2	4.4	5.4	Pound	690	980	960	2,900	4,300	5,200	6,525	12,040	14,300
Commercial Vegetables:													
Fresh Market													
Artichokes	8.3	8.5	8.3	Cwt	110	130	57	913	1,105	473	45,762	61,577	34,299
Asparagus ¹⁰	81.2	77.8	74.3	Cwt	27	28	27	2,203	2,210	2,041	167,645	178,512	178,395
Beans, lima	3.7	5.0	5.5	Cwt	26	30	30	96	150	165	3,264	4,350	5,280
Beans, snap	87.3	84.6	89.6	Cwt	47	49	49	4,102	4,182	4,382	153,505	157,584	160,113
Broccoli ¹⁰	107.2	110.6	103.9	Cwt	101	117	117	10,799	12,894	12,180	277,663	336,481	366,636
Brussel sprouts	5.0	3.5	3.8	Cwt	160	180	170	800	630	646	24,761	15,471	16,452
Cabbage	79.6	74.8	75.9	Cwt	318	342	316	25,328	25,575	24,005	283,862	232,770	277,030
Cantaloups	108.3	103.5	103.0	Cwt	176	176	205	19,097	18,258	21,079	297,055	300,805	383,198

See footnotes at end of table.

Table 543.—Crops: Area, yield, production, and value, United States, 1993–95¹—Continued

Crop	Area harvested ²			Yield per harvested acre ³			Production			Value of production			
	1993	1994	1995 ⁴	Unit	1993	1994	1995 ⁴	1993	1994	1995 ⁴	1993	1994	1995 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	78,220	86,930	91,400	Cwt	278	289	288	21,720	25,133	26,292	258,203	303,117	401,871
Cauliflower ¹⁰	55,600	53,800	51,100	Cwt	121	129	128	6,719	6,953	6,525	201,381	196,115	217,206
Celery	28,720	28,500	26,250	Cwt	612	608	635	17,575	17,328	16,662	260,546	216,378	269,163
Corn, sweet	209,600	225,700	219,400	Cwt	90	98	98	18,834	22,007	21,503	335,213	378,970	392,491
Cucumbers	57,400	58,640	59,780	Cwt	164	161	165	9,437	9,459	9,878	170,134	151,708	164,475
Eggplant	2,900	3,400	3,300	Cwt	260	229	192	753	780	633	17,721	20,886	16,225
Escarole/endive	4,220	3,730	3,150	Cwt	129	155	148	543	578	467	13,502	15,151	14,102
Garlic	26,000	27,000	31,000	Cwt	160	170	165	4,160	4,590	5,115	132,470	181,038	179,834
Honeydew melons	23,300	24,700	29,000	Cwt	163	164	195	3,792	4,053	5,656	68,888	66,391	113,952
Lettuce, head	207,810	212,950	189,160	Cwt	326	317	317	67,811	67,418	59,989	1,086,716	895,928	1,388,300
Lettuce, leaf	40,650	37,550	39,070	Cwt	206	226	228	8,363	8,496	8,922	247,459	232,772	300,523
Lettuce, Romaine	23,890	26,430	31,540	Cwt	276	270	287	6,582	7,129	9,039	130,366	143,411	223,860
Onions	152,580	160,750	163,800	Cwt	380	396	391	57,956	63,621	64,046	831,986	628,025	634,344
Peppers, bell	64,950	64,500	63,400	Cwt	223	239	208	14,498	15,423	13,164	437,480	456,296	409,869
Spinach	18,150	16,800	16,350	Cwt	123	115	103	2,227	1,936	1,942	67,450	56,642	62,370
Tomatoes	134,650	132,620	131,720	Cwt	264	276	249	35,599	36,636	32,840	1,130,092	1,005,926	852,508
Watermelons	205,430	207,890	205,380	Cwt	184	192	199	37,791	39,984	40,829	261,765	271,677	358,093
Processing:													
Beans, lima	37,100	47,300	51,400	Tons	1.27	1.36	1.36	47,150	64,430	70,160	19,365	28,570	31,249
Beans, snap	193,530	218,900	218,340	Tons	3.37	3.68	3.24	652,030	805,790	708,170	116,302	133,857	124,249
Beets	7,030	9,890	10,500	Tons	15.35	15.13	14.22	107,860	149,620	149,330	6,623	8,133	8,822
Cabbage for sauerkraut	5,320	6,290	7,620	Tons	25.29	29.41	22.82	134,520	184,960	173,870	6,270	7,385	7,549
Carrots	25,180	23,140	27,720	Tons	19.78	23.77	21.24	498,150	549,960	588,650	37,649	39,327	47,103
Corn, sweet	472,060	516,100	483,910	Tons	5.76	7.23	6.87	2,721,190	3,731,040	3,324,150	197,112	256,087	251,156
Cucumbers for pickles	109,150	116,040	116,890	Tons	5.38	5.44	5.11	586,980	631,340	597,460	126,255	138,600	133,866
Peas, green	228,600	289,410	304,000	Tons	1.54	1.69	1.62	351,080	488,580	492,590	88,004	124,138	131,762
Spinach	15,350	21,420	21,210	Tons	8.42	7.54	7.06	129,250	161,440	149,680	14,267	15,903	15,170
Tomatoes	307,470	340,060	343,980	Tons	31.47	33.94	32.78	9,676,540	11,542,310	11,276,090	581,893	716,628	724,557

CROPS

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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.

Table 544.—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	104	99	106	112	97	102	77	88	83	58	110	95	122
1987	102	107	100	105	122	98	91	77	88	128	61	119	108	136
1988	95	109	102	107	125	86	67	70	72	134	69	108	116	144
1989	103	109	102	106	130	99	91	77	87	104	71	114	111	149
1990	108	111	102	109	138	106	94	99	87	133	83	124	110	154
1991	108	114	105	109	144	104	92	75	93	152	86	130	108	154
1992	116	116	106	112	151	115	107	93	99	152	88	134	115	159
1993	108	117	106	111	157	101	82	88	85	140	83	126	120	154
1994 ¹¹ .														

¹Includes 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. ²Cattle and calves, sheep and lambs, and hogs. ³Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁴Chicken eggs, commercial broilers, chickens, and turkeys. ⁵Feed grains and forage crops. ⁶All wheat, rye, and rice. ⁷Soybeans, peanuts harvested for nuts, sunflower seed, and flaxseed. ⁸Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. ⁹Fruits, 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. ¹⁰Includes sugar crops, floriculture and ornamentals, forest products, legums and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber. ¹¹Not available.

ERS, Environmental Indicators and Resource Accounting Branch (202) 501-8362.

Table 545.—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	94	91	97	86	90	100	93	103
1986	91	85	95	80	84	110	94	93
1987	89	84	91	74	93	101	91	97
1988	86	86	91	70	93	92	89	86
1989	86	85	92	67	92	96	86	91
1990	89	85	91	65	92	98	93	103
1991	90	87	91	63	92	103	91	110
1992	90	82	91	61	92	103	96	114
1993	90	81	89	60	92	106	96	126
1994 ⁴								

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. ⁴ Not available.

ERS, Environmental Indicators and Resource Accounting Branch (202) 501–8362.

Table 546.—Livestock and livestock products: Production and value, United States, 1992–94

Product	Production ¹			Value of production		
	1992	1993	1994 ²	1992	1993	1994 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	40,252,994	40,875,341	42,721,254	28,632,524	30,329,553	28,701,722
Sheep and lambs	745,970	688,594	625,896	394,409	394,444	372,943
Hogs	23,946,691	23,692,553	24,458,776	9,854,258	10,627,889	9,691,087
Chickens ³	29,807,127	31,581,956	33,550,720	9,263,241	10,513,371	11,451,185
Turkeys	6,355,293	6,432,577	6,609,823	2,396,364	2,509,127	2,671,736
Milk	150,885,000	150,582,000	153,622,000	19,994,141	19,483,528	20,167,333
Wool (shorn)	82,943	77,535	68,643	60,162	39,077	52,419
Mohair ⁴	14,200	13,490	11,680	12,354	11,197	30,602
Eggs	<i>Thousands</i> 70,749,000	<i>Thousands</i> 71,936,000	<i>Thousands</i> 73,866,000	3,397,462	3,800,237	3,776,795

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, Dairy, and Poultry Branch, (202) 720–6146.

Table 547.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1984–93
[1982=100]

Year	Productivity ¹	Year	Productivity ¹
1984	103	1989	120
1985	109	1990	121
1986	110	1991	121
1987	115	1992	129
1988	111	1993 ²	119

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 544 by the index of total input in table 545. ² Preliminary.

ERS, Environmental Indicators and Resource Accounting Branch (202) 501–8362.

Table 548.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1985–94¹

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>
1985	259.0	86.4	345.4	1990	343.6	106.2	449.8
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 ²	401.0	109.6	510.6

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

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

Table 549.—Farm food products: Marketing costs, United States, 1985–94

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>
1985	115.6	26.9	16.5	13.1	10.4	76.5	259.0
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	39.2	20.6	16.7	14.9	109.6	369.4
1993	178.0	39.4	21.2	17.2	14.2	109.6	379.6
1994 ⁴	188.7	42.1	21.8	17.9	16.0	114.3	401.0

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 550.—Price components: Market basket of farm-originated food products by food group, United States, 1985–94¹

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>
1985	104	96	108	32	108	94	110	11
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	8
1993	142	105	162	26	157	92	166	7
1994 ⁵	145	101	169	24	164	103	172	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>
1985	99	91	107	47	111	102	116	31
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 ⁵	135	96	176	36	191	119	225	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>
1985	103	95	110	44	109	104	111	26
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 ⁵	132	94	166	34	134	126	137	25

	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>
1985	106	106	107	53	107	118	104	26
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 ⁵	142	115	173	43	135	113	141	20

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 551.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1993 and 1994

Commodity and unit	Marketing year average price ¹		Parity price ³		
	1993 ²	1994 ²	1993	1994	
	Dollars	Dollars	Dollars	Dollars	
Basic commodities:					
Cotton:					
American Upland	pound	0.581	0.721	1.50	1.52
Extra long staple	pound	0.870	1.007	2.01	1.97
Wheat	bushel	3.26	3.45	8.15	8.26
Rice	cwt	7.98	6.70	22.20	23.10
Corn	bushel	2.50	2.25	5.76	5.71
Peanuts	pound	0.304	0.290	.577	.594
Tobacco:					
Flue-cured, types 11-14	pound	1.681	1.698	3.43	3.45
Va., fire-cured, type 21	pound	1.719	1.612	2.87	2.99
Ky.-Tenn., fire-cured, types 22-23	pound	2.194	2.092	3.71	3.84
Burley, type 31	pound	1.816	1.841	3.47	3.53
Maryland, type 32 ⁴	pound	1.430	1.481	2.83	2.94
Dark air-cured, types 35-36	pound	1.715	1.685	3.13	3.20
Sun-cured, type 37	pound	1.521	1.476	2.53	2.59
Pa., seedleaf, type 41	pound	.950	1.000	2.07	2.16
Cigar binder type 51	pound	3.000	3.060	4.06	4.40
Puerto Rican filler, type 46	pound	.....	.....	2.30	2.35
Cigar filler types 54-55	pound	1.432	1.450	2.53	2.65
Designated nonbasic commodities:					
All milk, sold to plants	cwt	12.86	13.01	26.50	26.60
Fluid market	cwt	12.88	13.02	.....	.....
Manufacturing grade	cwt	11.80	11.85	.....	.....
Honey, all	pound	.539	.512	1.14	1.17
Wool and mohair:					
Wool ⁵	pound	0.510	0.780	3.59	3.66
Mohair ⁶	pound	.82	2.56	9.59	9.78
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	1.99	2.03	4.97	5.01
Beans, dry edible	cwt	24.60	22.10	42.20	43.30
Cottonseed	ton	113.00	101.00	206.00	195.00
Crude pine gum	barrel	.....	.....	185.00	189.00
Flaxseed	bushel	4.25	4.60	10.90	10.70
Hay, all, baled	ton	84.70	86.00	152.00	155.00
Hops	pound	1.76	1.81	3.47	3.45
Oats	bushel	1.36	1.22	3.21	3.20
Peas, dry edible	cwt	7.23	9.00	.....	.....
Peppermint oil	pounds	13.30	14.60	25.10	25.90
Popcorn, shelled basis	cwt	.....	.....	24.10	24.60
Potatoes	cwt	6.18	5.36	11.10	11.40
Rye	bushel	2.55	2.70	4.16	4.25
Sorghum grain	cwt	4.13	3.75	9.32	9.17
Soybeans	bushel	6.40	5.45	12.20	12.20
Spearmint oil	pound	12.30	12.30	26.10	26.50
Sweetpotatoes	cwt	15.10	14.00	21.30	21.80
Tobacco:					
Cigar wrapper, type 61	pound	17.00	17.80	33.60	35.00
Fruits:					
Citrus (equiv. on-tree): ⁷					
Grapefruit	box	3.40	4.18	9.23	9.55
Lemons	box	5.64	11.02	14.20	15.60
Limes, Florida	box	13.65	14.47	18.00	19.40
Oranges	box	4.66	5.76	12.40	12.20
Tangelos, Florida	box	3.44	4.41	.....	.....
Tangerines	box	10.49	14.81	24.30	25.80
Templets, Florida	box	3.49	5.51	10.50	10.20
Deciduous and other:					
Apples:					
For all sales	pound	.129	.128	.....	.....
For fresh consumption ⁸	pound	.184	.182	.359	.376
For processing ⁹	ton	107.00	112.00	242.00	248.00
Apricots:					
For all sales	ton	398.00	354.00	.....	.....
For fresh consumption ¹⁰	ton	778.00	537.00	2,060.00	2,140.00
Dried, California (dried basis) ⁹	ton	2,320.00	1,890.00	4,020.00	4,100.00
For processing (except dried) ⁹	ton	271.00	307.00	563.00	563.00
Avocados ¹⁰	ton	1,780.00	1,460.00	1,850.00	1,910.00
Berries for processing:					
Blackberries (Oregon)	pound	0.314	0.377	.825	.841
Boysenberries (California & Oregon)	pound	0.795	0.662	1.17	1.190
Gooseberries	pound	.....	.....	.496	.506
Loganberries (Oregon)	pound	0.791	0.823	.802	.818
Raspberries, black (Oregon)	pound	1.610	1.000	1.41	1.44
Raspberries, red (Oregon & Washington)	pound	.673	0.861	1.12	1.15

See footnotes at end of table.

Table 551.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1993 and 1994—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³		
	1993 ²	1994 ²	1993	1994	
	Dollars ⁷	Dollars	Dollars	Dollars	
Deciduous and other—Con.					
Cherries:					
Sweet:					
Sweet	ton...	1,190.00	915.00	1,610.00	1,740.00
Tart	pound...	.118	.159	.476	.493
Cranberries ¹¹	barrel...	50.20	48.80	94.40	96.30
Dates, California ¹⁰	ton...	980.00	1,190.00	1,800.00	1,900.00
Figs, California	ton...	401.00	420.00	.....	.....
Grapes:					
For all sales	ton...	334.00	315.00	.....	.....
Raisin varieties dried, California (dried basis) ⁹	ton...	937.00	833.00	1,640.00	1,720.00
Nectarines (California):					
For fresh consumption ¹⁹	ton...	500.00	282.00	763.00	813.00
For processing ¹⁹	ton...	.....	.....	83.80	.....
Olives (California): ¹²					
For all sales	ton...	467.00	463.00	.....	.....
Crushed for oil	ton...	10.50	10.50	27.40	26.60
For all sales (except crushed)	ton...	500.00	.....	1,140.00	1,160.00
For canning	ton...	558.00	551.00	1,280.00	1,320.00
Peaches:					
For all sales	pound...	.160	.....	.....	.....
For fresh consumption ⁹	pound...	.221	.188	0.535	0.548
Dried, California (dried basis) ⁹	ton...	713.00	856.00	1,920.00	1,870.00
For processing California (except dried):					
Clingstone ¹²	ton...	218.00	180.00	400.00	414.00
Freestone ⁹	ton...	187.00	187.00	355.00	361.00
Pears:					
For all sales	ton...	245.00	223.00	.....	.....
For fresh consumption ⁹	ton...	280.00	231.00	673.00	707.00
Dried, California (dried basis) ⁹	ton...	970.00	927.00	1,660.00	1,760.00
For processing (except dried) ⁹	ton...	206.00	191.00	386.00	408.00
Plums (California):					
For all sales ¹⁰	ton...	508.00	321.00	.....	.....
For fresh consumption ¹⁹	ton...	.....	.....	661.00	685.00
For processing ¹⁹	ton...	.....	.....	44.70	45.20
Prunes, dried (California) ⁹	ton...	1,120.00	1,010.00	1,570.00	1,660.00
Prunes and plums (excl. California):					
For fresh consumption ¹³	ton...	206.00	255.00	763.00	761.00
For processing (except dried) ⁹	ton...	157.00	117.00	251.00	269.00
Strawberries:					
For fresh consumption ¹⁴	pound...	54.10	60.20	1.12	1.15
For processing ⁹	pound...	28.40	29.10	.531	.531
Sugar crops:					
Maple sirup	gallon...	23.20	23.30	.....	.....
Sugarbeets	ton...	39.00	39.60	78.60	79.90
Sugarcane for sugar	ton...	28.50	29.00	58.70	59.30
Tree nuts: ¹⁵					
Almonds	pound...	1.94	1.25	2.25	2.43
Hazelnuts	ton...	633.00	837.00	1,520.00	1,490.00
Pecans, all	pound...	1.172	.....	3,290.00	3,370.00
Improved	pound...	1.258	.....	.....	.....
Seedling	pound...	.792	.....	.....	.....
Walnuts	ton...	1,390.00	1,030.00	1,920.00	2,010.00

See footnotes at end of table.

Table 551.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1993 and 1994—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³		
	1993 ²	1994 ²	1993	1994	
	Dollars	Dollars	Dollars	Dollars	
Vegetables for fresh market:¹⁴					
Artichokes, California	cwt...	50.10	53.60	60.50	61.70
Asparagus	cwt...	95.70	99.70	149.00	152.00
Broccoli ¹⁶	cwt...	26.60	31.60	45.80	46.40
Cabbage	cwt...	11.40	9.34	18.40	18.70
Cantaloups	cwt...	15.60	16.30	28.30	28.90
Carrots ¹⁶	cwt...	11.90	13.20	20.30	20.60
Cauliflower ¹⁶	cwt...	31.20	29.60	53.10	54.40
Celery ¹⁶	cwt...	14.80	11.80	24.10	24.70
Cucumbers	cwt...	18.00	15.80	30.30	30.90
Eggplant	cwt...	23.50	26.80	32.10	32.70
Escarole/Endive	cwt...	24.90	22.30	41.20	42.10
Garlic, California	cwt...	31.80	41.60	39.00	39.80
Green peppers ¹⁶	cwt...	30.20	29.50	47.90	48.90
Honeydew melons	cwt...	18.20	16.50	29.40	30.30
Lettuce	cwt...	16.00	13.00	25.30	26.20
Onions ¹⁶	cwt...	16.70	10.50	23.00	23.90
Snap beans	cwt...	37.40	36.80	60.00	61.20
Spinach	cwt...	30.30	29.60	52.50	53.60
Sweet corn	cwt...	17.80	17.70	29.40	30.50
Tomatoes	cwt...	31.70	27.10	57.10	59.20
Watermelons	cwt...	6.93	6.40	11.30	11.50
Vegetables for processing:⁹					
Asparagus	ton...	1,010.00	1,050.00	1,930.00	1,940.00
Beets	ton...	61.90	54.40	104.00	106.00
Cabbage	ton...	46.60	39.90	79.90	81.60
Cucumbers	ton...	215.00	220.00	.....	.....
Green peas	ton...	251.00	254.00	483.00	495.00
Lima beans	ton...	411.00	444.00	891.00	909.00
Snap beans	ton...	178.00	166.00	347.00	353.00
Spinach	ton...	110.00	98.00	193.00	197.00
Sweet corn	ton...	72.40	68.60	130.00	134.00
Tomatoes	ton...	60.10	62.10	132.00	132.00
Livestock and livestock products:					
All beef cattle	cwt...	72.60	66.70	130.00	135.00
Cows	cwt...	47.60	43.00	.....	.....
Steers and heifers	cwt...	76.80	69.40	.....	.....
Calves	cwt...	91.20	87.20	161.00	170.00
Beeswax	pound.....	.....	.....	3.87	3.95
Chickens:					
Excluding broilers, live	pound...	.094	.076	.....	.....
Broilers, live	pound.....	.340	.350	.....	.....
All Eggs	dozen.....	.634	.614	1.27	1.28
Hogs	cwt...	45.20	39.90	95.60	96.50
Lambs	cwt...	64.40	65.60	134.00	137.00
Milk cows ¹⁷	head...	1,160.00	1,170.00	.....	.....
Milk, retail ¹⁸	quart...	.585	.619	.....	.....
Sheep	cwt...	28.60	30.90	48.90	52.40
Turkeys, live	pound...	.390	.404	.814	.829

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.

NASS, Economics Statistics Branch, (202) 720-3570.

Table 552.—Producer prices: Index numbers, by groups of commodities, United States, 1985–94 [1982=100]

Year	Total finished goods	Consumer foods	Finished goods ¹	Total consumer goods	Total intermediate materials	Total crude materials
1985 ²	104.7	104.6	104.6	103.3	102.7	95.8
1986	103.2	107.3	101.9	98.5	99.1	87.7
1987	105.4	109.5	104.0	100.7	101.5	93.7
1988	108.0	112.6	106.5	103.1	107.1	96.0
1989	113.6	118.7	111.8	108.9	112.0	103.1
1990	119.2	124.4	117.4	115.3	114.5	108.9
1991	121.7	124.1	120.9	118.7	114.4	101.2
1992	123.2	123.3	123.1	120.8	114.7	100.4
1993	124.7	125.7	124.1	123.0	116.2	102.4
1994 ³	125.5	126.8	125.1	123.3	118.5	101.8

¹ Excluding consumer foods. ² Data prior to 1982 available from Department of Labor. ³ Preliminary.
ERS, Commercial Agriculture Division, (202) 219-0800. Compiled from reports of the U.S. Department of Labor.

Table 553.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1985–94¹ [1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts ²	Commercial vegetables	Other crops
1985	344	377	474	1,390	527	588	631	453
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	633	774	510
1994 ⁴	377	381	559	1,532	600	621	727	517

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
1985	441	481	792	783	273	656	579	51
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 ⁴	556	519	910	797	298	727	634	46

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, Economics Statistics Branch, (202) 720-3570.

Table 554.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1985–94¹
(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts ²	Commercial vegetables	Other Crops
1985	108	105	93	92	96	84	95	92
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 ⁴	119	106	109	101	110	89	109	105

Year	Potatoes and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio ³
1985	87	98	78	97	97	86	91	106
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	98
1993	107	102	100	98	105	100	101	98
1994 ⁴	110	105	90	99	106	95	100	94

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

NASS, Economics Statistics Branch, (202)720–3570.

Table 555.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1985–94
(1990–92=100)

Production indexes									
Year	Production (all commodities)	Feed	Livestock & Poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
1985	91	95	74	95	98	90	93	88	83
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	106	105	95	109	106	112	84	110	115

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 cash rent					
1985	85	93	85	106	80	78	87	86
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	103	103
1994	110	109	111	92	112	111	106	106

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

NASS, Economics Statistics Branch, (202) 720–3570.

Table 556.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1985–94 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
1985	1,016	878	464	945	943	360	554	714	627
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	1,027	514	1,208	1,083	388	694	647	778

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					
1985	2,201	2,125	1,259	1,016	2,649	2,143	2,934	1,174	1,131
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	1,237	2,321	2,789	3,930	1,353	1,329
1993	2,891	2,666	1,430	1,252	2,195	2,862	4,054	1,377	1,355
1994	3,060	2,754	1,483	1,320	2,310	3,002	4,140	1,417	1,394

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.

NASS, Economic Statistics Branch, (202) 720–3570.

Table 557.—Prices paid by farmers: Prices, by commodities, United States, 1990–94^{1 2}

Commodity and unit	1990	1991	1992	1993	1994
	Dollars	Dollars	Dollars	Dollars	Dollars
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better	365.00	370.00	409.00	502.00	579.00
Fir, Standard and better	404.00	410.00	453.00	590.00	659.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction	537.00	550.00	593.00	728.00	806.00
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better	726.00	742.00	820.00	938.00	1021.00
Nails, 8d, common, per pound .....	.686	.699	.706	.712	.723
Roofing, galvanized steel, per 100 square feet	45.50	46.00	46.30	46.40	46.80
Shingles, fiberglass, per square	23.80	24.40	24.00	23.70	23.60
Insulating sheathing, (asphalt-treated) regular density, 1/2-inch, per sheet 4 feet by 8 feet	5.34	5.29	5.34	5.56	.616
Concrete blocks, per 100	102.00	103.00	105.00	107.00	110.00
Portland cement, per 94 pounds	6.50	6.59	6.68	6.78	6.94
Paint, house, exterior, latex per gallon	16.80	17.30	17.70	17.80	17.80
Barbed wire, 2-point, per 80-rod spool	35.00	35.60	36.10	35.80	36.30
Barbed wire, 4-point, per 80-rod spool	37.60	38.50	38.30	38.60	38.80
Posts, wood, farm line fence, each	3.61	3.65	3.81	3.89	4.00
Posts, steel, each	2.65	2.64	2.63	2.87	3.00
Staples, fence, per pound .....	.760	.782	.795	.814	.823
Woven wire fencing, 32-inch, per 20-rod roll	74.50	75.30	76.50	77.60	78.60
Iron pipe, galvanized, 1 1/4-inch, I.D., per foot	2.18	2.23	2.21	2.23	2.20
Plastic tubing, 1-inch, I.D., per foot .....	.295	.291	.295	(¹⁰)	(¹⁰)
Fuels and energy:					
Fuel, per gallon:					
Diesel fuel .....	.944	.872	.816	.820	.740
Gasoline, service station, unleaded regular	1.15	1.17	1.13	1.11	1.09
Gasoline, bulk delivery, leaded regular	1.17	1.19	1.15	(¹⁰)	(¹⁰)
L.P. gas, bulk delivery .....	.832	.750	.721	.777	.723
Motor supplies:					
Grease, 35 lb. pail	33.60	35.90	36.50	37.30	37.60
Motor oil, per gallon:					
All weather, high detergent	5.07	5.36	5.46	5.50	5.49
Heavy duty, detergent	4.83	5.15	5.25	5.33	5.34
Regular, nondetergent	4.55	4.84	4.97	5.02	5.01
Spark plugs, each	1.97	2.00	2.04	2.05	2.05
Storage batteries, CPR 220–310 amps, each	49.20	49.80	49.60	47.70	46.50
Tires:					
Auto tires, bias-belted const., E78–14, tubeless, each	44.30	45.50	46.50	(¹⁰)	(¹⁰)
Auto tires, radial, steel-belted, P/195/75R14/ER78–14 tubeless, each	54.40	54.90	54.90	54.70	54.20
Truck tires, 10.00–20, load range F, each	211.00	214.00	217.00	216.00	214.00
Tractor tires, rear, 15.5–38, 6-ply, each	310.00	321.00	335.00	328.00	311.00
Tractor tires, rear, 18.4–34, 6-ply, each	443.00	454.00	473.00	459.00	443.00
New motor vehicles:					
Autos, 4-door sedans:					
Compact ³	10,600.00	11,100.00	11,550.00	11,850.00	12,400.00
Intermediate size ⁴	14,000.00	14,600.00	15,700.00	16,300.00	17,200.00
Standard ⁵	18,000.00	19,300.00	20,400.00	20,900.00	21,200.00
New trucks:					
2-ton, cab and chassis, each ⁶	20,400.00	21,700.00	22,900.00	23,100.00	23,100.00
3/4-ton pickup ⁷	14,300.00	15,400.00	16,500.00	17,400.00	18,500.00
Tractors:					
2-wheel, 30–39 P.T.O. or belt horsepower	12,600.00	13,000.00	13,700.00	14,200.00	14,200.00
2-wheel, 50–59 P.T.O. or belt horsepower	17,700.00	18,500.00	18,800.00	19,200.00	19,600.00
2-wheel, 110–129 P.T.O. or belt horsepower	45,400.00	47,000.00	49,200.00	51,700.00	52,200.00
4-wheel, 170–240 P.T.O. or belt horsepower	78,200.00	81,100.00	84,100.00	(¹⁰)	(¹⁰)
Farm machinery:					
Plows, moldboard, 3-bottom, each	3,240.00	3,320.00	3,410.00	(¹⁰)	(¹⁰)
Plows, moldboard, 5-bottom, each	8,200.00	8,460.00	9,060.00	9,620.00	9,520.00
Plows, moldboard, 7-bottom, each	11,900.00	12,500.00	13,900.00	14,100.00	14,500.00
Disk harrows, tandem, 16-ft., each	9,140.00	9,330.00	9,410.00	9,510.00	10,250.00
Disk harrows, tandem, 19-ft., each	11,900.00	12,400.00	12,800.00	13,300.00	14,000.00
Cultivators, 4-row, front or rear mounted, each	3,070.00	3,210.00	3,260.00	(¹⁰)	(¹⁰)
Corn planters, 4-row, plain, each	8,720.00	9,140.00	9,900.00	(¹⁰)	(¹⁰)
Grain drills, tractor-drawn, 16-tube, plain, each	6,470.00	6,800.00	6,900.00	7,190.00	7,620.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each	6,880.00	7,240.00	7,650.00	(¹⁰)	(¹⁰)
Mowers, tractor, 7-ft., each	3,170.00	3,320.00	3,320.00	3,450.00	3,600.00
Pick-up balers, automatic tie, P.T.O., each ⁸	11,000.00	11,600.00	11,900.00	12,200.00	12,600.00
Combines, self-propelled:					
Medium capacity, each	80,200.00	85,600.00	88,000.00	92,400.00	98,900.00

See footnotes at end of table.

Table 557.—Prices paid by farmers: Prices, by commodities, United States, 1990–94^{1,2}
—Continued

Commodity and unit	1990	1991	1992	1993	1994
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Large capacity, each	101,000.00	106,000.00	110,000.00	116,000.00	124,250.00
Corn picker-huskers, 2-row, each	13,000.00	12,600.00	12,100.00	12,000.00	12,500.00
Farm wagons, without box and tires, each	1,230.00	1,270.00	1,330.00	1,340.00	1,440.00
Power sprayers, boom type, tractor. mtd., each ..	2,750.00	2,800.00	2,970.00	3,230.00	3,440.00
Farm supplies:					
Electric motors, 1/2-horsepower, each	85.90	87.40	89.20	89.80	89.80
Hammers, nail, 16 oz. head, with handle, each ..	13.30	13.40	13.50	13.00	11.80
Pitchfork, 4-tine, each	22.30	23.00	24.00	24.40	25.40
Hoes, 6-inch blade, each	11.00	11.30	12.00	12.50	13.10
Metal pails, 12 quarts, each	6.23	6.45	6.67	6.77	6.95
Rope, polypropylene, 1/2-inch, per 100 feet	21.50	21.90	21.90	24.40	23.90
Baler twine, per 40-pound bale	23.40	24.20	23.90	22.70	26.30
Fertilizer:					
Mixed fertilizer:					
0–20–20, per ton	175.00	177.00	172.00	168.00	171.00
3–9–9, per ton	153.00	164.00	158.00	(10)	(10)
4–8–12, per ton	173.00	182.00	177.00	(10)	(10)
5–10–10, per ton	143.00	147.00	144.00	141.00	139.00
5–10–15, per ton	150.00	150.00	147.00	148.00	154.00
5–20–20, per ton	175.00	177.00	169.00	158.00	163.00
6–24–24, per ton	198.00	204.00	198.00	188.00	196.00
10–10–10, per ton	159.00	161.00	161.00	156.00	158.00
12–12–12, per ton	184.00	189.00	185.00	(10)	(10)
16–20–0, ammonium phosphate, per ton	220.00	220.00	219.00	213.00	220.00
18–46–0, diammonium phosphate, per ton	221.00	232.00	220.00	199.00	217.00
Nitrate of soda, per ton	214.00	226.00	234.00	239.00	241.00
Sulphate of ammonia, per ton	154.00	152.00	152.00	157.00	167.00
Ammonium nitrate, per ton	180.00	183.00	180.00	184.00	194.00
Superphosphate, 44–46% P ₂ O ₅ , per ton	203.00	213.00	204.00	191.00	207.00
Muriate of potash, 60% K ₂ O, per ton	153.00	153.00	148.00	145.00	145.00
Agricultural limestone, spread on field, per ton ..	16.40	17.60	17.60	17.80	17.70
Livestock:					
Feeders and stockers:					
Cattle and calves, per 100 pounds	84.90	86.80	82.30	89.00	80.40
Pigs (40–60 lbs. av.), per 100 pounds	109.00	99.90	66.80	86.40	66.90
Broiler chicks, per 100	18.50	18.10	18.30	18.80	19.40
Egg-type chicks, per 100	50.80	51.20	54.60	53.80	49.60
Turkey poults, each	1.02	1.02	1.02	1.05	1.06
Feed:					
Cottonseed meal, 41% protein, per 100 pounds	14.80	14.00	14.00	14.90	15.30
Soybean meal, 44% protein, per 100 pounds	13.10	12.80	13.00	13.70	13.90
Bran, per 100 pounds	10.80	10.70	10.80	11.00	11.20
Middlings, per 100 pounds	9.54	9.21	9.11	(10)	(10)
Cornmeal, per 100 pounds	7.39	7.42	7.49	7.22	7.96
Laying feed, per ton ⁹	200.00	195.00	200.00	202.00	210.00
Broiler grower, per ton ⁹	218.00	208.00	208.00	209.00	214.00
Chick starter, per ton ⁹	225.00	221.00	228.00	226.00	231.00
Dairy feed:					
14 percent protein, per ton ⁹	172.00	168.00	168.00	168.00	170.00
16 percent protein, per ton ⁹	182.00	176.00	178.00	180.00	184.00
18 percent protein, per ton ⁹	192.00	186.00	189.00	187.00	193.00
20 percent protein, per ton ⁹	192.00	187.00	190.00	189.00	196.00
32 percent protein, concentrate, per ton	280.00	279.00	282.00	294.00	301.00
Stock salt, per 50 pounds	3.49	3.58	3.61	3.56	3.72
Seeds:					
Barley, per bushel	5.42	4.73	4.96	5.03	5.14
Corn, hybrid, 80,000 kernels	70.30	70.10	71.40	72.50	73.20
Oats, per bushel	4.62	3.83	4.12	4.71	4.73
Potatoes, per 100 pounds	10.90	10.00	7.64	8.19	9.80
Soybeans, per bushel	13.00	12.70	12.50	12.40	13.30
Wheat, per bushel	6.22	5.05	5.73	6.00	7.02
Grain sorghum, hybrid, per 100 pounds	69.80	70.90	72.00	74.00	80.20
Alfalfa, uncertified, per 100 pounds	163.00	170.00	153.00	151.00	159.00
Alfalfa, certified, per 100 pounds	252.00	263.00	256.00	265.00	267.00
Red clover, per 100 pounds	149.00	137.00	125.00	142.00	148.00
Lespedeza, Korean, per 100 pounds	63.90	66.50	86.20	122.00	96.40
Sudangrass, per 100 pounds	47.10	48.00	47.30	45.70	68.30
Timothy, per 100 pounds	94.60	70.30	66.30	77.00	77.20

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.

NASS, Economic Statistics Branch, (202) 720-3570.

Table 558.—Agricultural commodities: Support prices per unit, United States, 1986–95^{1 2}

Commodity and unit	1986	1987	1988	1989	1990	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
Basic commodities:						
Corn:						
Target price	Bushel ...	3.03	3.03	2.93	2.84	2.75
Loan rate	do	1.92	1.82	1.77	1.65	1.57
Cotton:						
American upland: ³						
Target price	Pound ...	0.8100	0.7940	0.7590	0.7340	0.7290
Loan rate	do	0.5500	0.5225	0.5180	0.5000	0.5027
Extra-long staple:						
Target price	do	1.0248	0.9770	0.9570	0.9670	0.9810
Loan rate	do	0.8540	0.8140	0.8092	0.8177	0.8177
Peanuts: ⁴	do	0.3037	0.3037	0.3076	0.3079	0.3157
Rice:						
Target price	Cwt.	11.90	11.66	11.15	10.80	10.71
Loan rate	do	7.20	6.84	6.63	6.50	6.50
Wheat:						
Target price	Bushel ...	4.38	4.38	4.23	4.10	4.00
Loan rate	do	2.40	2.28	2.21	2.05	1.95
Tobacco:						
Flue-cured, types 11-14	Pound ...	1.438	1.435	1.442	1.468	1.488
Fire-cured, type 21	do	1.200	1.196	1.171	1.191	1.262
Fire-cured, types 22-23	do	1.242	1.238	1.213	1.226	1.297
Burley, type 31	do	1.488	1.488	1.500	1.532	1.558
Dark air-cured, types 35-36	do	1.058	1.054	1.032	1.044	1.107
Virginia sun-cured, type 37	do	1.060	1.056	1.034	1.052	1.115
Cigar filler, Puerto Rican, type 46	do	0.750	0.747	0.731	0.740	0.778
Ohio filler and Wisconsin binder, types 42-44 and 53-55	do	0.917	0.914	0.895	0.909	0.962
Barley: ⁶						
Target price	Bushel ...	2.60	2.60	2.51	2.43	2.36
Loan rate	do	1.56	1.49	1.44	1.34	1.28
Sorghum grain: ⁶						
Target price	Cwt.	5.14	5.14	4.96	4.82	4.66
Loan rate	do	3.25	3.11	3.00	2.80	2.66
Oats: ⁶						
Target price	Bushel ...	1.60	1.60	1.55	1.50	1.45
Loan rate	do	0.99	0.94	0.90	0.85	0.81
Rye: ⁶	do	1.63	1.55	1.50	1.40	1.33
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)	(⁵)
Soybeans	Bushel ...	4.77	4.77	4.77	4.53	4.50
Sugar, raw	Pound ...	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	11.60	11.10	10.80	10.60	10.10
Honey, extracted	Pound ...	0.640	0.610	0.591	0.564	0.538
Mohair	do	4.930	4.950	4.690	4.588	4.532
Wool	Pound ...	1.78	1.81	1.78	1.77	1.82

See footnotes at end of table.

Table 558.—Agricultural commodities: Support prices per unit, United States, 1986-95^{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>
Basic commodities:					
Corn:					
Target price	Bushel ...	2.75	2.75	2.75	2.75
Loan rate	do	1.62	1.72	1.72	1.89
Cotton:					
American upland: ³					
Target price	Pound	0.7290	0.7290	0.7290	0.7290
Loan rate	do	0.5077	0.5235	0.5235	0.5000
Extra-long staple:					
Target price	do	0.9960	1.0580	1.0570	1.0200
Loan rate	do	0.8299	0.8815	0.8812	0.8503
Loan rate	do	0.3214	0.3375	0.3375	0.3392
Peanuts: ⁴					
Rice:					
Target price	Cwt.	10.71	10.71	10.71	10.71
Loan rate	do	6.50	6.50	6.50	6.50
Wheat:					
Target price	Bushel ...	4.00	4.00	4.00	4.00
Loan rate	do	2.04	2.21	2.45	2.58
Tobacco:					
Flue-cured, types 11-14	Pound	1.528	1.560	1.577	1.583
Fire-cured, type 21	do	1.332	1.367	1.395	1.407
Fire-cured, types 22-23	do	1.367	1.421	1.464	1.483
Burley, type 31	do	1.584	1.649	1.683	1.714
Dark air-cured, types 35-36	do	1.169	1.217	1.255	1.273
Virginia sun-cured, type 37	do	1.177	1.208	1.233	1.245
Cigar filler, Puerto Rican, type 46	do	0.813	(⁵)	0.834	0.844
Ohio filler and Wisconsin binder, types 42-44 and 53-55	do	1.014	1.054	1.074	1.084
Barley: ⁶					
Target price	Bushel ...	2.36	2.36	2.36	2.36
Loan rate	do	1.32	1.40	1.40	1.54
Sorghum grain: ⁶					
Target price	Cwt.	4.66	4.66	4.66	4.66
Loan rate	do	2.75	2.91	2.91	3.21
Oats: ⁶					
Target price	Bushel ...	1.45	1.45	1.45	1.45
Loan rate	do	0.83	0.88	0.88	0.97
Rye: ⁶	do	1.38	1.46	1.46	1.61
Nonbasic commodities:					
Beans, dry edible	Cwt.	(⁵)	(⁵)	(⁵)	(⁵)
Cottonseed	Ton	(⁵)	(⁵)	(⁵)	(⁵)
Minor oilseeds ⁷	Pound	0.089	0.089	0.089	0.087
Soybeans	Bushel ...	5.02	5.02	5.02	4.92
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	10.10	10.10	10.10	10.10
Honey, extracted	Pound	0.538	0.538	0.538	0.500
Mohair	do	4.448	4.613	4.738	4.739
Wool	Pound	1.88	1.97	2.04	2.09

¹ National averages during the marketing years for the individual crops, beginning in the years shown. ² The target price is known in the statute as the established price. ³ 1¹/₁₆ strict low middling, micronaire 3.5 through 4.9. ⁴ For quota portion of crop. 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.

Table 559.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1985–94

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Chicken eggs	Broilers	Turkeys	Other poultry ¹	Other livestock and products ²	Total livestock and products ³
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1985	29,002	9,033	514	18,055	5,668	1,820	3,262	458	2,008	69,822
1986	28,865	9,734	481	17,724	6,784	1,949	3,543	425	2,048	71,553
1987	33,583	10,337	558	17,727	6,177	1,703	3,208	427	2,276	75,996
1988	36,958	9,221	522	17,632	7,435	1,951	3,067	415	2,439	79,640
1989	36,429	9,770	487	19,357	8,778	2,235	3,862	503	2,497	83,918
1990	39,302	11,525	414	20,153	8,365	2,393	4,010	494	2,537	89,193
1991	38,697	11,036	399	18,007	8,383	2,353	3,902	491	2,483	85,750
1992	37,272	10,017	460	19,742	9,177	2,396	3,385	545	2,602	85,596
1993	39,362	10,911	545	19,244	10,416	2,509	3,779	596	2,673	90,036
1994	36,445	9,859	507	19,934	11,370	2,672	3,777	625	2,919	88,107

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts ⁵	Vegetables ⁶	Other crops ⁷	Total crops ³
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1985	8,990	22,591	3,687	12,475	2,699	6,946	8,572	8,333	74,293
1986	5,723	16,993	3,371	10,614	1,894	7,252	8,859	9,101	63,807
1987	5,790	14,635	4,189	11,283	1,816	8,056	9,891	10,141	65,800
1988	7,469	14,281	4,525	13,501	2,069	9,032	9,792	10,935	71,603
1989	8,247	17,049	5,026	11,866	2,410	9,151	11,562	11,582	76,892
1990	7,480	18,669	5,488	12,258	2,733	9,418	11,424	12,785	80,256
1991	7,325	19,327	5,236	12,700	2,881	9,928	11,537	13,066	82,001
1992	8,467	20,060	5,192	13,286	2,962	10,175	11,824	13,696	85,662
1993	8,180	20,161	5,249	13,219	2,949	10,260	13,144	13,940	87,102
1994 ⁴	9,469	20,574	5,730	15,216	2,646	10,146	13,033	14,748	91,562

¹Farm chickens, ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. ²Wool, horses and mules, mohair, honey, beeswax, bees, goats, rabbits, aquaculture, and fur animals. ³Components may not add due to rounding. ⁴Preliminary. ⁵Includes melons, 1945–48. ⁶Includes melons, 1949 to date. ⁷Sugar crops, floriculture and ornamentals, Christmas trees, mushrooms, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

ERS, Farm Business Economics Branch, (202) 219-0800.

Table 560.—Farm income: Gross and net income from farming, United States, 1985–94

Year	Gross income								Total	Production expenses	Net income from farming current dollars
	Cash receipts			Nonmoney and other farm income							
	Farm marketings ¹	Government payments	Total	Home consumption	Imputed rent	Other farm income ²	Change in inventory	Total			
Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
1985	144,114	7,704	151,818	926	4,689	6,035	-2,269	9,381	161,199	132,433	28,766
1986	135,361	11,813	147,174	895	4,579	5,689	-2,201	8,962	156,136	125,085	31,051
1987	141,797	16,747	158,544	743	4,888	6,411	-2,319	9,723	168,267	130,226	38,041
1988	151,243	14,480	165,723	732	7,116	7,858	-4,095	11,611	177,334	139,836	37,499
1989	160,810	10,887	171,697	672	7,164	8,596	3,788	20,220	191,917	146,902	45,015
1990	169,449	9,298	178,747	706	7,339	8,235	3,482	19,761	198,508	153,712	44,796
1991	167,751	8,214	175,965	620	7,116	8,285	-207	15,814	191,779	153,428	38,351
1992	171,258	9,169	180,427	590	7,164	8,176	4,156	10,085	200,511	152,574	47,937
1993	177,137	13,402	190,539	520	7,339	9,083	-4,512	12,430	202,969	160,908	42,061
1994 ³	179,669	7,881	187,550	482	7,620	9,154	8,666	25,922	213,472	166,741	46,731

¹Excludes forest product sales. ²Includes forest product sales. ³Preliminary.

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Table 561.—Farm marketings: Farm marketings, 1993 and 1994, government payments, 1994, and principal commodities, by States, 1994

State	1993			1994				1994		
	Farm marketings			Farm marketings			Government pay-ments	Home consumption		
	Total	Crops	Livestock and prod-ucts	Total	Crops	Livestock and prod-ucts		Livestock and prod-ucts	Crops	Total
				<i>1,000 dollars</i>						
AL	2,857,094	728,031	2,129,063	2,904,463	745,060	2,159,403	89,386	2,898	1,619	4,517
AK	26,763	20,834	5,929	27,716	21,685	6,031	1,348	570	18	588
AZ	1,945,902	1,027,581	918,321	1,868,642	1,044,621	824,021	72,073	3,784	278	4,062
AR	4,354,224	1,453,568	2,900,656	5,275,623	2,161,534	3,114,089	302,752	4,554	1,549	6,103
CA	19,954,273	14,642,815	5,311,458	20,238,064	14,840,518	5,397,546	272,781	17,234	2,675	19,909
CO	4,197,400	1,204,991	2,992,409	4,028,834	1,250,177	2,778,657	177,109	7,049	890	7,939
CT	474,510	214,495	260,015	472,741	221,848	250,893	2,368	1,265	127	1,392
DE	611,054	144,060	466,994	660,191	154,807	505,384	5,590	1,047	88	1,135
FL	6,069,496	4,858,365	1,211,131	5,977,970	4,786,346	1,191,624	58,637	1,998	1,373	3,371
GA	4,232,365	1,683,837	2,548,528	4,715,685	2,046,757	2,668,928	139,825	6,319	1,513	7,832
HI	507,204	421,835	85,369	498,099	421,576	76,523	2,911	938	155	1,093
ID	2,890,394	1,723,322	1,167,072	2,954,516	1,755,529	1,198,987	127,289	6,642	722	7,364
IL	8,150,527	5,916,210	2,234,317	8,222,796	6,158,108	2,064,688	303,159	15,693	2,710	18,403
IN	5,340,897	3,427,646	1,913,251	4,837,594	3,072,192	1,765,402	137,020	12,708	2,217	14,925
IA	10,389,722	4,605,688	5,784,034	10,084,316	4,964,427	5,119,889	732,567	13,805	3,520	17,325
KS	7,335,486	2,478,065	4,857,421	7,687,299	2,878,598	4,808,701	467,710	13,481	2,288	15,769
KY	3,414,258	1,689,532	1,724,726	3,230,277	1,584,844	1,645,433	54,894	15,828	3,133	18,961
LA	1,795,135	1,090,195	704,940	2,012,687	1,308,964	703,723	181,575	2,702	985	3,687
ME	453,287	184,759	268,528	482,729	206,701	276,028	14,101	2,247	239	2,486
MD	1,345,320	524,559	820,761	1,344,680	551,193	793,487	15,634	5,995	510	6,505
MA	490,598	369,501	121,097	458,731	341,421	117,310	4,694	1,203	218	1,421
MI	3,327,519	1,959,479	1,368,040	3,418,874	2,009,236	1,409,638	102,092	9,892	1,830	11,722
MN	6,334,387	2,579,833	3,754,554	6,522,323	3,075,068	3,447,255	622,325	18,613	2,992	21,605
MS	2,632,254	1,064,193	1,568,061	2,916,359	1,210,043	1,706,316	225,483	4,885	1,373	6,258
MO	4,111,941	1,836,384	2,275,557	4,524,209	2,072,076	2,452,133	267,397	21,654	3,660	25,314
MT	1,801,742	853,576	948,166	1,857,217	990,433	866,784	256,151	10,151	813	10,964
NE	8,870,838	3,024,941	5,845,897	8,561,321	3,157,866	5,403,455	348,333	8,776	1,936	10,712
NV	295,700	102,586	193,114	299,121	109,696	189,425	4,785	1,868	84	1,952
NH	152,431	86,275	66,156	151,911	87,885	64,026	1,475	682	88	770
NJ	699,685	502,376	197,309	768,405	585,841	182,564	7,596	926	299	1,225
NM	1,536,797	413,468	1,123,329	1,523,959	425,073	1,098,886	61,092	5,216	475	5,691
NY	2,859,586	978,076	1,881,510	2,857,581	970,556	1,887,025	42,443	6,441	1,302	7,743
NC	6,019,322	2,829,349	3,189,973	6,369,139	3,036,625	3,332,514	77,646	12,031	2,041	14,072
ND	2,948,826	2,348,419	600,407	2,934,691	2,307,377	627,314	457,346	5,590	1,126	6,716
OH	4,490,584	2,834,933	1,655,651	4,475,151	2,897,802	1,577,349	117,097	19,657	2,640	22,297
OK	3,949,327	1,141,304	2,808,023	3,864,455	1,164,650	2,699,805	207,036	16,304	2,464	18,768
OR	2,557,447	1,809,465	747,982	2,651,530	1,925,560	725,970	74,426	12,040	1,320	13,360
PA	3,806,940	1,186,935	2,620,005	3,755,276	1,143,263	2,612,013	32,686	18,082	1,795	19,877
RI	80,461	66,657	13,804	80,748	68,461	12,287	451	112	24	136
SC	1,249,116	648,891	600,225	1,361,759	746,869	614,890	60,198	5,101	845	5,946
SD	3,200,009	1,236,183	1,963,826	3,342,603	1,698,537	1,644,066	289,214	11,092	1,197	12,289
TN	2,025,569	1,063,968	961,601	2,151,724	1,169,745	981,979	95,610	9,238	2,957	12,195
TX	12,662,294	4,492,070	8,170,224	12,552,238	4,324,186	8,228,052	863,213	15,878	6,511	22,389
UT	831,399	217,691	613,708	818,862	221,289	597,573	32,051	7,048	458	7,506
VT	489,196	87,330	401,866	480,548	90,770	389,778	4,234	1,358	222	1,580
VA	2,094,682	697,008	1,397,674	2,159,252	773,057	1,386,195	34,254	10,013	1,513	11,526
WA	4,632,786	3,074,675	1,558,111	4,720,482	3,111,831	1,608,651	152,854	11,200	1,250	12,450
WV	404,574	81,117	323,457	402,749	74,201	328,548	5,513	5,201	704	5,905
WI	5,395,090	1,294,250	4,100,840	5,384,188	1,439,320	3,944,868	236,484	17,761	2,745	20,506
WY	840,955	180,505	660,450	778,364	157,348	621,016	38,128	5,569	324	5,893
US	177,137,366	87,101,826	90,035,540	179,668,692	91,561,570	88,107,122	7,881,036	410,339	71,815	482,154

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Table 562.—Expenses: Farm production expenses, United States, 1985–94¹

Year	Feed purchased	Livestock and poultry purchased	Seed purchased ²	Fertilizer, lime, and pesticides	Petroleum fuel and oils ³	Depreciation and other consumption of farm capital ⁴	Contract and hired labor ⁵	Taxes on farm property ⁶	Interest on farm mortgage debt ⁸	Net rent to non-operator landlords ⁹	Miscellaneous ^{8,10}	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1985	16,949	9,184	3,128	11,847	6,436	19,298	10,007	4,542	9,878	7,690	33,474	132,433
1986	17,472	9,758	3,188	11,144	5,310	17,788	9,484	4,612	9,131	6,099	31,098	125,084
1987	17,463	11,842	3,259	10,965	4,957	17,091	9,975	4,853	8,205	8,184	33,045	129,839
1988	20,246	13,095	4,059	11,827	4,800	17,607	10,911	4,954	7,581	8,479	36,277	139,836
1989	20,744	13,077	4,397	13,187	4,772	18,168	12,033	5,213	7,190	9,582	38,539	146,902
1990	20,387	14,875	4,518	13,570	5,790	18,259	14,119	5,687	6,740	10,321	39,446	153,712
1991	19,331	14,449	5,113	14,986	5,607	18,234	13,903	5,785	5,963	9,907	40,150	153,428
1992	20,132	13,894	4,912	14,801	5,298	18,289	14,009	6,042	5,772	10,740	38,684	152,574
1993	21,434	14,955	5,162	15,116	5,350	18,366	15,005	6,285	5,504	11,048	42,682	160,908
1994	22,633	13,599	5,373	16,398	5,323	18,470	15,313	6,587	5,742	11,060	46,244	166,741

¹ Starting in 1991, all expense estimates are based on the Farm Costs and Returns Survey (FCRS), except livestock and poultry purchased, interest, dairy assessment fees, depreciation and other consumption of farm capital, and certain components of net rent to nonoperator landlords. Estimates for 1988-90 were derived using interpolation factors between prior 1987 estimates and the new 1991 results. FCRS data for 1991 and later years use revised nonresponse and undercoverage procedures that make them significantly different from previous estimates. ² Includes bulbs, plants, and trees for replanting. ³ For farm business use only. Final estimates subtract federal and State refunds of excise taxes from total expenditures. ⁴ Estimated outlay necessary, at current prices, to replace capital equipment that has been used up or destroyed during the year. ⁵ Includes contract labor, hired labor cash wages, including insurance and retirement; Social Security and other wage taxes paid by employers; and perquisites. ⁶ Includes taxes levied on farm real estate and personal property. ⁷ Interest charges payable during the calendar year on outstanding farm-mortgage debt. ⁸ Starting in 1991, interest on nonfarm-purpose debt, based on data collected in the Farm Costs and Returns Survey is subtracted from total interest expenses. For 1988-90, the proportion of nonfarm-purpose interest to total interest was interpolated between zero in 1987 and the percent of total in 1991. ⁹ Includes cash receipts for forest products received by nonoperators starting in 1987. These forest products are not necessarily taken from land that is part of a farm operation, nor do these landowners necessarily rent land to operators. ¹⁰ In all years, includes interest on nonreal estate debt; electricity; repair and maintenance of farm capital; machine hire and customwork; marketing, storage, and transportation; miscellaneous livestock purchases; livestock rental fees; health and breeding services and supplies; grazing, custom feeding, irrigation water and dairy assessment fees; farm supplies, tools, and noncapital equipment; other general production expenses; motor vehicle registration and licensing fees; telephone, water, and other farm business management expenses. Net insurance including motor vehicles, which equals gross insurance less indemnities, is included in 1985-86. For 1987 and later years, gross insurance including motor vehicles is included and indemnities are part of farm-related income.

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Table 563.— Average Income to Farm Operator Households , United States, 1988–93¹

Item	1988	1989	1990	1991	1992	1993
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Farm income to household ²						
Self employment	4,201	5,796	5,742	5,810	7,180	4,815
farm income	3,837	4,723	4,973	4,458	5,172	3,623
Other farm income to household	364	1,073	768	1,352	2,008	1,192
Plus: Total off-farm income	28,829	26,223	33,265	31,638	35,731	35,408
Income from wages, salaries, and non-farm businesses	22,220	19,467	24,778	23,551	27,022	25,215
Income from interest, dividends, transfer payments, etc.	6,610	6,756	8,487	8,087	8,709	10,194
Equals: Farm operator household income	33,030	32,019	39,007	37,447	42,911	40,223

¹ In dollars per operator household. Data for 1988-90 are expanded to represent only the farm operator households surveyed in USDA's Farm Costs and Returns Survey; beginning in 1991, data represent the total number of farms and ranches in the contiguous United States. ² Farm income to the household equals self-employment income (net cash farm income, less depreciation, adjusted for the share received by the senior operator household in multiple-household farms) plus amounts that operators pay themselves and family members to work on the farm, income from renting out acreage (1990-92), and net income from a farm business other than the one being surveyed. In 1993, income from renting out acreage is included in income from interest, dividends, transfer payments, etc.

ERS, Farm Business Economics Branch, (202) 219-0592. Estimates are from the Farm Costs and Returns Survey, Farm Operator Household Files.