

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

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

Table 9-1.—Economic trends: Data relating to agriculture, United States, 2009–2018

Year	Prices paid by farmers ¹		Prices received by farmers ¹	Farm income ²		
	Total including interest, taxes, and wage rates (PPITW)	Production items		Gross farm income ³	Production expenses	Net farm income
	<i>Index numbers 2011=100</i>	<i>Index numbers 2011=100</i>	<i>Index numbers 2011=100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
2009	87.3	84.8	80.6	336.6	274.4	62.2
2010	90.0	87.7	86.8	356.5	279.4	77.1
2011	100.0	100.0	100.0	420.4	306.9	113.6
2012	104.4	105.4	105.0	449.8	353.4	96.4
2013	106.3	107.4	107.0	483.8	360.4	123.4
2014	112.0	114.1	107.9	483.1	391.1	92.0
2015	110.7	112.0	99.2	440.5	359.4	81.1
2016	105.9	104.7	90.6	411.7	350.2	61.5
2017	106.6	104.5	93.3	429.5	354.3	75.2
2018	109.1	106.4	90.9	433.0	369.8	63.1

Year	National income ⁴	Personal income ⁴	Industrial production ⁵	Consumer prices all items ⁶	Producer prices consumer foods ⁶
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 2012=100</i>	<i>Index numbers 1982–84=100</i>	<i>Index numbers 1982=100</i>
2009	12,027.2	12,059.1	89.2	214.6	175.5
2010	12,735.8	12,551.6	94.1	218.1	182.4
2011	13,357.7	13,326.8	97.1	224.9	193.9
2012	14,094.7	14,010.1	100.0	229.6	199.1
2013	14,494.7	14,181.1	102.0	233.0	203.5
2014	15,245.5	14,991.8	105.2	236.7	212.5
2015	15,783.0	15,719.5	104.1	237.0	209.7
2016	16,058.9	16,125.1	102.1	240.0	204.6
2017	16,756.1	16,830.9	104.4	245.1	207.2
2018	17,529.4	17,569.5	108.6	251.1	207.4

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

ERS, Farm Economy Branch, (202) 694–5216. E-mail contact is Dipak Subedi at dipak.subedi@ers.usda.gov.

Table 9-2.—Farms: Number, land in farms, and average size of farm, United States, 2009–2018

Year	Farms ¹	Land in farms	Average size farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
2009	2,169,660	917,590	423
2010	2,149,520	915,660	426
2011	2,131,240	914,420	429
2012	2,109,810	914,600	433
2013	2,100,350	911,720	434
2014	2,082,440	908,920	436
2015	2,063,890	905,790	439
2016	2,055,340	902,680	439
2017	2,042,000	900,370	441
2018	2,029,200	899,500	443

¹ A farm is any establishment from which \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the year.

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

Table 9-3.—Farms: Percent of farms and land in farms, and average size, by economic sales class, United States, 2017–2018

Economic sales class	Percent of total				Average size farm	
	Farms		Land in farms		2017	2018
	2017	2018	2017	2018		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$ 1,000 - \$ 9,999	51.1	51.0	9.4	9.4	81	81
\$ 10,000 - \$ 99,999	30.4	30.5	20.7	20.8	301	302
\$100,000 - \$249,999	6.7	6.7	14.7	14.8	971	987
\$250,000 - \$499,999	4.4	4.4	14.4	14.3	1,448	1,450
\$500,000 - \$999,999	3.5	3.6	15.4	15.4	1,930	1,925
\$1,000,000 or more	3.9	3.9	25.3	25.3	2,866	2,897
Total ¹	100.0	100.1	99.9	100.00	441	443

¹ May not add due to rounding.
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-4.—Land in farms: Classification by tenure of operator, United States, 1935–2012

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
	<i>Acres</i>				
1935 ¹	1,054,515,111	37.1	25.2	5.8	31.9
1940	1,065,113,774	35.9	28.2	6.5	29.4
1945 ¹	1,141,615,364	36.1	32.5	9.3	22.0
1950	1,161,419,720	36.1	36.4	9.2	18.3
1954 ¹	1,158,191,511	34.2	40.7	8.6	16.5
1959	1,123,507,574	31.0	44.0	9.8	14.8
1964	1,110,187,000	28.7	48.0	10.2	13.1
1969	1,062,892,501	35.3	51.8	.....	13.0
1974	1,017,030,357	35.3	52.6	.....	12.0
1978	1,014,777,234	32.7	55.3	.....	12.0
1982	986,796,579	34.7	53.8	.....	11.5
1987	964,470,625	32.9	53.9	.....	13.2
1992	945,531,506	31.3	55.7	.....	13.0
1997	931,795,255	33.9	54.5	.....	11.6
2002 ²	938,279,056	38.0	52.8	.....	9.2
2007 ²	922,095,843	37.3	53.8	.....	8.9
2012 ²	914,527,657	36.8	53.7	.....	9.5

¹ Excludes Alaska and Hawaii. ² The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. All 2002 published census items were reweighted for undercoverage. Strictly speaking, data for 2002 and subsequent years are not fully comparable with data from earlier years.
 ERS, Resource and Rural Economics Division, (202) 694-5572. Data from the Census of Agriculture, National Agricultural Statistics Service.

Table 9-5.—Number of farms and land in farms by economic sales class by State and United States, 2017–2018

State	Economic Sales Class: \$1,000-\$9,999			
	Number of Farms		Land in Farms	
	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Alabama	22,800	22,600	2,200	2,100
Alaska	540	540	80	80
Arizona	14,100	14,300	4,700	4,800
Arkansas	20,900	20,700	1,900	1,800
California	27,200	26,400	1,300	1,400
Colorado	22,300	21,900	2,300	2,100
Connecticut	3,650	3,650	130	130
Delaware	820	820	20	20
Florida	29,200	29,000	1,400	1,300
Georgia	23,600	23,300	2,200	2,300
Hawaii	4,250	4,250	70	70
Idaho	13,700	13,500	700	700
Illinois	28,100	27,900	1,200	1,200
Indiana	26,400	25,800	1,000	900
Iowa	25,400	25,400	900	900
Kansas	21,800	21,800	1,900	2,000
Kentucky	45,100	44,300	3,100	3,100
Louisiana	15,400	15,300	1,100	1,100
Maine	4,800	4,800	390	390
Maryland	6,700	6,700	260	260
Massachusetts	4,500	4,500	180	190
Michigan	24,500	24,000	1,200	1,200
Minnesota	25,600	25,400	1,600	1,600
Mississippi	20,000	19,700	2,300	2,300
Missouri	44,500	44,400	3,300	3,300
Montana	11,700	11,600	2,000	1,900
Nebraska	12,000	11,500	900	800
Nevada	1,700	1,700	500	500
New Hampshire	2,750	2,750	170	170
New Jersey	6,400	6,400	160	160
New Mexico	17,100	16,800	5,400	5,100
New York	15,400	15,400	1,100	1,100
North Carolina	26,100	26,100	1,500	1,500
North Dakota	7,400	7,200	1,100	1,100
Ohio	40,100	40,400	1,700	1,600
Oklahoma	40,400	39,800	4,100	4,100
Oregon	23,800	23,400	1,000	1,000
Pennsylvania	25,000	25,000	1,300	1,300
Rhode Island	630	630	20	20
South Carolina	16,700	16,500	1,500	1,600
South Dakota	7,500	7,200	900	900
Tennessee	43,800	43,800	2,800	2,700
Texas	157,000	156,500	15,600	15,600
Utah	11,200	11,000	600	600
Vermont	3,750	3,750	280	280
Virginia	24,700	24,100	1,700	1,700
Washington	21,800	21,800	800	800
West Virginia	17,000	17,000	1,600	1,600
Wisconsin	28,700	28,800	1,800	1,800
Wyoming	5,600	5,600	1,100	1,200
United States	1,044,090	1,035,690	85,060	84,370

See footnote(s) at end of table.

Table 9-5.—Number of farms and land in farms by economic sales class by State and United States, 2017–2018—Continued

State	Economic Sales Class: \$10,000-\$99,999			
	Number of Farms		Land in Farms	
	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Alabama	13,300	12,500	3,200	3,200
Alaska	360	360	450	450
Arizona	3,650	3,550	5,100	5,300
Arkansas	14,500	14,700	3,700	3,700
California	22,800	22,500	4,300	4,000
Colorado	10,900	11,200	7,200	7,100
Connecticut	1,400	1,400	100	100
Delaware	(D)	510	(D)	50
Florida	13,400	13,500	2,000	2,100
Georgia	12,000	11,500	2,700	2,700
Hawaii	2,500	2,500	200	200
Idaho	6,500	6,500	1,800	1,800
Illinois	20,400	20,200	2,600	2,600
Indiana	16,200	16,600	1,800	1,800
Iowa	26,300	26,200	3,700	3,700
Kansas	21,100	21,300	7,000	7,100
Kentucky	24,200	24,200	4,400	4,400
Louisiana	8,700	8,800	1,900	1,900
Maine	2,050	2,050	350	350
Maryland	3,300	3,300	390	390
Massachusetts	1,950	1,950	160	160
Michigan	14,200	14,400	1,700	1,700
Minnesota	20,400	20,400	3,600	3,600
Mississippi	10,700	10,700	3,000	3,000
Missouri	37,100	37,200	8,600	8,600
Montana	7,900	8,000	10,100	10,400
Nebraska	14,200	14,500	4,900	5,000
Nevada	970	970	500	500
New Hampshire	1,100	1,100	170	170
New Jersey	2,350	2,350	160	170
New Mexico	6,000	6,100	10,100	10,400
New York	11,300	11,400	1,800	1,800
North Carolina	12,500	12,700	1,700	1,800
North Dakota	7,400	7,400	3,800	4,000
Ohio	23,500	23,000	2,800	2,700
Oklahoma	29,400	29,000	11,400	11,400
Oregon	9,000	9,000	3,000	3,000
Pennsylvania	16,700	16,700	2,200	2,200
Rhode Island	(D)	340	(D)	20
South Carolina	5,900	5,900	1,300	1,300
South Dakota	9,300	9,300	4,600	4,600
Tennessee	21,700	21,700	3,800	3,900
Texas	73,800	72,800	39,100	38,300
Utah	5,200	5,100	1,900	1,900
Vermont	1,950	1,950	310	310
Virginia	14,000	14,000	2,800	2,800
Washington	8,200	8,300	1,800	1,800
West Virginia	5,800	5,600	1,500	1,400
Wisconsin	20,100	20,100	2,900	2,900
Wyoming	3,600	3,700	4,000	4,000
Other States ¹	850	-	70	-
United States	620,630	619,030	186,660	186,770

See footnote(s) at end of table.

Table 9-5.—Number of farms and land in farms by economic sales class by State and United States, 2017–2018—Continued

State	Economic Sales Class: \$100,000-\$249,999			
	Number of Farms		Land in Farms	
	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Alabama	1,000	1,050	710	750
Alaska	40	40	210	210
Arizona	490	530	10,400	10,300
Arkansas	1,350	1,350	900	950
California	6,700	6,450	3,400	3,200
Colorado	2,500	2,550	5,800	5,900
Connecticut	(D)	190	(D)	30
Delaware	(D)	130	(D)	40
Florida	1,950	1,900	1,200	1,200
Georgia	1,400	1,450	700	690
Hawaii	270	270	130	130
Idaho	1,700	1,700	1,700	1,700
Illinois	8,200	8,000	2,800	2,700
Indiana	5,100	5,000	1,600	1,700
Iowa	11,100	11,100	3,600	3,600
Kansas	6,200	6,300	6,500	6,600
Kentucky	3,000	2,900	1,300	1,200
Louisiana	930	950	780	790
Maine	320	320	100	100
Maryland	720	720	210	210
Massachusetts	340	340	40	40
Michigan	3,350	3,150	1,100	1,200
Minnesota	7,700	7,700	2,900	2,900
Mississippi	930	920	610	610
Missouri	6,000	5,800	3,600	3,500
Montana	3,050	3,100	10,300	10,200
Nebraska	6,600	6,400	5,700	5,700
Nevada	220	220	900	900
New Hampshire	(D)	(D)	(D)	(D)
New Jersey	450	450	100	110
New Mexico	850	820	6,600	6,300
New York	3,050	3,000	880	880
North Carolina	1,650	1,650	600	600
North Dakota	3,200	3,100	4,700	4,700
Ohio	6,100	6,400	2,000	2,200
Oklahoma	4,350	4,250	6,300	6,300
Oregon	1,850	1,850	2,600	2,600
Pennsylvania	5,100	5,100	1,100	1,100
Rhode Island	(D)	(D)	(D)	(D)
South Carolina	620	630	320	320
South Dakota	4,450	4,450	6,700	6,800
Tennessee	1,800	1,800	850	850
Texas	7,500	7,500	19,200	20,200
Utah	910	900	1,200	1,300
Vermont	470	470	140	140
Virginia	1,750	1,750	950	950
Washington	1,900	1,800	3,200	3,100
West Virginia	370	370	270	270
Wisconsin	7,000	6,900	2,100	2,100
Wyoming	1,300	1,200	5,300	5,400
Other States ¹	510	190	110	40
United States	136,340	135,110	132,410	133,310

See footnote(s) at end of table.

Table 9-5.—Number of farms and land in farms by economic sales class by State and United States, 2017–2018—Continued

State	Economic Sales Class: \$250,000-\$499,999			
	Number of Farms		Land in Farms	
	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Alabama	650	650	590	560
Alaska	(D)	(D)	(D)	(D)
Arizona	230	210	1,600	1,700
Arkansas	1,050	1,050	700	750
California	4,100	3,900	2,500	2,300
Colorado	1,400	1,450	5,500	5,700
Connecticut	(D)	110	(D)	20
Delaware	(D)	110	(D)	50
Florida	1,050	1,000	850	850
Georgia	1,050	1,050	600	610
Hawaii	120	120	170	170
Idaho	1,200	1,200	1,500	1,500
Illinois	6,400	6,200	4,100	4,000
Indiana	3,450	3,350	2,000	2,000
Iowa	8,900	8,900	5,500	5,500
Kansas	3,950	4,050	7,700	7,600
Kentucky	1,400	1,450	900	900
Louisiana	560	540	620	610
Maine	180	180	100	100
Maryland	490	490	230	230
Massachusetts	(D)	(D)	(D)	(D)
Michigan	2,200	2,200	1,300	1,200
Minnesota	5,800	5,800	3,800	3,900
Mississippi	590	600	590	590
Missouri	2,900	2,950	2,800	2,900
Montana	2,300	2,300	13,300	13,400
Nebraska	5,100	5,000	8,200	7,800
Nevada	240	240	1,000	1,000
New Hampshire	(D)	70	(D)	30
New Jersey	280	280	80	80
New Mexico	420	390	6,600	6,400
New York	1,750	1,750	780	780
North Carolina	1,250	1,250	700	700
North Dakota	3,000	3,000	6,600	6,500
Ohio	3,600	3,300	2,000	1,900
Oklahoma	2,050	2,050	4,600	4,600
Oregon	1,150	1,150	2,900	2,900
Pennsylvania	3,250	3,150	980	980
Rhode Island	(D)	(D)	(D)	(D)
South Carolina	340	280	270	270
South Dakota	3,700	3,700	8,700	8,700
Tennessee	1,000	1,000	660	660
Texas	3,550	3,650	15,200	14,700
Utah	510	520	2,100	2,000
Vermont	320	320	130	130
Virginia	960	910	680	680
Washington	1,300	1,250	2,000	2,100
West Virginia	130	130	120	120
Wisconsin	4,300	4,300	2,000	2,000
Wyoming	800	810	6,100	6,200
Other States ¹	540	250	230	130
United States	89,510	88,610	129,580	128,500

See footnote(s) at end of table.

Table 9-5.—Number of farms and land in farms by economic sales class by State and United States, 2017–2018—Continued

State	Economic Sales Class: \$500,000-\$999,999			
	Number of Farms		Land in Farms	
	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Alabama	1,150	1,200	700	690
Alaska	(D)	30	(D)	20
Arizona	210	200	1,100	1,000
Arkansas	1,350	1,350	1,200	1,200
California	3,300	3,550	2,500	2,200
Colorado	920	900	4,600	4,500
Connecticut	(D)	70	(D)	20
Delaware	260	260	110	110
Florida	800	900	650	650
Georgia	1,800	1,800	1,400	1,400
Hawaii	70	70	210	210
Idaho	800	800	1,800	1,800
Illinois	5,200	5,300	5,900	6,100
Indiana	2,650	2,450	2,800	2,800
Iowa	8,000	8,000	7,800	7,800
Kansas	2,950	3,000	9,300	9,200
Kentucky	1,000	1,000	900	900
Louisiana	710	710	1,100	1,050
Maine	110	110	70	70
Maryland	520	520	330	330
Massachusetts	(D)	140	(D)	30
Michigan	1,650	1,550	1,500	1,500
Minnesota	4,800	4,800	5,100	5,100
Mississippi	880	880	900	900
Missouri	2,400	2,400	3,700	3,700
Montana	1,400	1,300	12,200	12,200
Nebraska	4,300	4,400	9,400	9,400
Nevada	140	140	700	700
New Hampshire	(D)	30	(D)	10
New Jersey	200	200	90	90
New Mexico	290	260	5,900	6,300
New York	930	930	640	640
North Carolina	1,450	1,450	900	900
North Dakota	2,800	2,800	9,100	9,100
Ohio	2,450	2,550	2,300	2,300
Oklahoma	1,250	1,150	3,700	3,600
Oregon	850	850	2,800	2,800
Pennsylvania	1,700	1,700	750	750
Rhode Island	(D)	20	(D)	10
South Carolina	360	410	400	400
South Dakota	2,700	2,700	8,900	8,900
Tennessee	830	830	890	890
Texas	3,000	3,000	14,300	14,500
Utah	310	310	1,000	1,000
Vermont	140	140	80	80
Virginia	880	830	670	670
Washington	1,100	1,100	2,300	2,300
West Virginia	150	150	100	100
Wisconsin	2,550	2,550	1,900	1,900
Wyoming	400	390	6,200	6,100
Other States ¹	290	-	90	-
United States	72,000	72,180	138,980	138,920

See footnote(s) at end of table.

Table 9-5.—Number of farms and land in farms by economic sales class by State and United States, 2017–2018—Continued

State	Economic Sales Class: \$1,000,000 or more			
	Number of Farms		Land in Farms	
	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Alabama	1,700	1,700	1,200	1,200
Alaska	(D)	(D)	(D)	(D)
Arizona	420	410	3,200	3,100
Arkansas	3,450	3,350	5,500	5,500
California	6,400	6,600	10,500	11,200
Colorado	880	900	6,400	6,500
Connecticut	80	80	80	80
Delaware	470	470	260	260
Florida	1,200	1,200	3,600	3,600
Georgia	2,550	2,500	2,400	2,400
Hawaii	90	90	320	320
Idaho	1,100	1,100	4,200	4,100
Illinois	4,400	4,400	10,400	10,400
Indiana	2,800	2,900	5,800	5,800
Iowa	6,400	6,400	9,100	9,100
Kansas	2,600	2,450	13,400	13,300
Kentucky	1,300	1,250	2,400	2,400
Louisiana	1,100	1,100	2,500	2,550
Maine	140	140	290	290
Maryland	670	670	580	580
Massachusetts	70	(D)	40	(D)
Michigan	1,700	1,700	3,000	3,000
Minnesota	4,500	4,400	8,500	8,400
Mississippi	1,900	1,900	3,000	3,000
Missouri	2,400	2,250	5,800	5,700
Montana	650	600	10,200	9,900
Nebraska	4,100	4,100	15,900	16,300
Nevada	130	130	2,500	2,500
New Hampshire	(D)	(D)	(D)	(D)
New Jersey	220	220	140	140
New Mexico	340	330	6,100	6,000
New York	970	920	1,700	1,700
North Carolina	3,450	3,250	3,000	2,900
North Dakota	2,600	2,600	14,000	13,900
Ohio	2,050	2,150	3,200	3,200
Oklahoma	1,050	1,050	4,100	4,200
Oregon	950	950	3,700	3,700
Pennsylvania	1,450	1,350	970	970
Rhode Island	(D)	(D)	(D)	(D)
South Carolina	880	880	910	910
South Dakota	2,350	2,250	13,400	13,300
Tennessee	870	870	1,900	1,900
Texas	3,650	3,550	23,600	23,700
Utah	270	270	4,000	3,900
Vermont	170	170	260	260
Virginia	910	910	1,000	1,000
Washington	1,500	1,450	4,600	4,600
West Virginia	150	150	110	110
Wisconsin	2,150	2,150	3,600	3,600
Wyoming	200	200	6,300	6,100
Other States ¹	50	120	20	60
United States	79,430	78,580	227,680	227,630

(D) Withheld to avoid disclosing data for individual operations. ¹ Includes data withheld above.
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-6.—Number of farms and land in farms by State and United States, 2017–2018

State	Number of Farms ¹		Land in farms		Average farm size	
	2017	2018	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Acres</i>	<i>Acres</i>
Alabama	40,600	39,700	8,600	8,500	212	214
Alaska	1,000	1,000	850	850	850	850
Arizona	19,100	19,200	26,100	26,200	1,366	1,365
Arkansas	42,600	42,500	13,900	13,900	326	327
California	70,500	69,400	24,500	24,300	348	350
Colorado	38,900	38,900	31,800	31,800	817	817
Connecticut	5,500	5,500	380	380	69	69
Delaware	2,300	2,300	530	530	230	230
Florida	47,600	47,500	9,700	9,700	204	204
Georgia	42,400	41,600	10,000	10,100	236	243
Hawaii	7,300	7,300	1,100	1,100	151	151
Idaho	25,000	24,800	11,700	11,600	468	468
Illinois	72,700	72,000	27,000	27,000	371	375
Indiana	56,600	56,100	15,000	15,000	265	267
Iowa	86,100	86,000	30,600	30,600	355	356
Kansas	58,600	58,900	45,800	45,800	782	778
Kentucky	76,000	75,100	13,000	12,900	171	172
Louisiana	27,400	27,400	8,000	8,000	292	292
Maine	7,600	7,600	1,300	1,300	171	171
Maryland	12,400	12,400	2,000	2,000	161	161
Massachusetts	7,200	7,200	490	500	68	69
Michigan	47,600	47,000	9,800	9,800	206	209
Minnesota	68,800	68,500	25,500	25,500	371	372
Mississippi	35,000	34,700	10,400	10,400	297	300
Missouri	95,300	95,000	27,800	27,700	292	292
Montana	27,000	26,900	58,100	58,000	2,152	2,156
Nebraska	46,300	45,900	45,000	45,000	972	980
Nevada	3,400	3,400	6,100	6,100	1,794	1,794
New Hampshire	4,100	4,100	430	430	105	105
New Jersey	9,900	9,900	730	750	74	76
New Mexico	25,000	24,700	40,700	40,500	1,628	1,640
New York	33,400	33,400	6,900	6,900	207	207
North Carolina	46,400	46,400	8,400	8,400	181	181
North Dakota	26,400	26,100	39,300	39,300	1,489	1,506
Ohio	77,800	77,800	14,000	13,900	180	179
Oklahoma	78,500	77,300	34,200	34,200	436	442
Oregon	37,600	37,200	16,000	16,000	426	430
Pennsylvania	53,200	53,000	7,300	7,300	137	138
Rhode Island	1,100	1,100	60	60	55	55
South Carolina	24,800	24,600	4,700	4,800	190	195
South Dakota	30,000	29,600	43,200	43,200	1,440	1,459
Tennessee	70,000	70,000	10,900	10,900	156	156
Texas	248,500	247,000	127,000	127,000	511	514
Utah	18,400	18,100	10,800	10,700	587	591
Vermont	6,800	6,800	1,200	1,200	176	176
Virginia	43,200	42,500	7,800	7,800	181	184
Washington	35,800	35,700	14,700	14,700	411	412
West Virginia	23,600	23,400	3,700	3,600	157	154
Wisconsin	64,800	64,800	14,300	14,300	221	221
Wyoming	11,900	11,900	29,000	29,000	2,437	2,437
United States	2,042,000	2,029,200	900,370	899,500	441	443

¹A farm is any establishment from which \$1,000 or more of agricultural products were produced and sold or would normally have been sold during the year.
 NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-7.—Farms: Classification by tenure of operator, United States, 1940–2017

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
		<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1940	6,102,417	50.6	10.1	0.6	38.8
1945 ¹	5,859,169	56.4	11.3	0.7	31.7
1950	5,388,437	57.4	15.3	0.4	26.9
1954 ¹	4,783,021	57.4	18.2	0.4	24.0
1959	3,710,503	57.1	21.9	0.6	20.5
1964	3,157,857	57.6	24.8	0.6	17.1
1969	2,730,250	62.5	24.6	.....	12.9
1974	2,314,013	61.5	27.2	.....	11.3
1978	2,257,775	57.5	30.2	.....	12.3
1982	2,240,976	59.2	29.3	.....	11.6
1987	2,087,759	59.3	29.2	.....	11.5
1992	1,925,300	57.7	31.0	.....	11.3
1997	1,911,859	60.0	30.0	.....	10.0
2002 ²	2,128,982	67.1	25.9	.....	7.0
2007 ²	2,204,792	69.0	24.6	.....	6.4
2012 ²	2,109,303	67.7	25.3	.....	7.0
2017	2,042,220	69.0	24.1	.....	6.9

¹ Excludes Alaska and Hawaii. ² The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. All 2002 published census items were reweighted for undercoverage. Strictly speaking, data for 2002 and subsequent years are not fully comparable with data from earlier years.
ERS, Resource and Rural Economics Division, (202) 694-5572. Data from the Census of Agriculture, National Agricultural Statistics Service.

Table 9-8.—Farmland Rented: Classification by tenants and part owners, United States, 1910–2012

Year	Land in farms	Land rented by tenure of operator ¹			Percentage of land rented
		Tenants	Part owners	Total	
		<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	
1920	958.7	³ 265.0	⁴ 54.7	319.7	33.3
1925	924.3	264.9	96.3	361.2	39.1
1930	990.1	307.3	125.2	432.5	43.7
1935	1,054.5	336.8	134.3	471.1	44.7
1940	1,065.1	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	35.0
1959	1,123.0	166.8	234.1	400.9	35.7
1964	1,110.2	144.9	248.1	⁵ 393.0	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	282.2	406.2	39.4
1982	986.2	113.6	269.9	383.5	38.9
1987	964.5	126.9	275.4	402.3	41.7
1992	945.5	122.7	282.2	404.9	42.8
1997	931.8	108.1	270.0	378.1	40.6
2002 ⁶	938.3	86.5	266.8	353.3	37.7
2007 ⁶	922.1	81.8	269.0	350.8	38.0
2012 ⁶	914.5	82.9	268.1	351.0	38.4
2017	.....	.....	.....	.....	.....

¹ Columns 3, 4, and 5 refer only to land rented from others and operated, so subleased land is not included. Acres of land rented are comparable in the same year, but definitions change over time. Basic sources are 1969 Census of Agriculture, table 5, p.14; 1974 Census of Agriculture, table 3, pp.1-6; 1978 Census of Agriculture, vol. 1, part 51, table 5, pp. 124-127; 1982 Census of Agriculture, vol. 1, part 51, table 48, p. 49; 1987 Census of Agriculture vol. 1 part 51, table 48, p. 49; 1992 Census of Agriculture vol. 1, part 51, table 46, p. 53; 1997 Census of Agriculture, vol. 1, part 51, chapter 1, table 46, p. 57; 2002 Census of Agriculture, vol. 1, part 51, chapter 1, table 61, p. 214; 2007 Census of Agriculture, vol. 1, part 51, chapter 1, table 65, p. 262; 2012 Census of Agriculture, vol. 1, part 51, table 70, p. 231; and earlier census volumes as noted. ² Assumes land leased by part-owners is the difference between the average size of full-owner and part-owner farms. Acreage leased by part-owners is this difference times the number of part-owners. 1910 Census of Agriculture, chapter 11, table 1 and 3, pp.97-99. ³ 1920 Census of Agriculture, vol. VI, part 1, table 5, p. 19. ⁴ Assumes same proportion of owner and part-owner as in 1910. ⁵ 1964 Census of Agriculture, vol. II, chapter 8, p.757. ⁶ The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. All 2002 published census items were reweighted for undercoverage. Strictly speaking, data for 2002 and subsequent years are not fully comparable with data from earlier years.
ERS, Resource and Rural Economics Division, (202) 694-5572. Data from the Census of Agriculture, National Agricultural Statistics Service.

Table 9-9.—Land: Utilization, by State and United States, 2012

State	Cropland			Grassland pasture	Forest land
	Used for crops	Idle	Used only for pasture		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Alabama	2,231	415	161	2,892	22,800
Alaska	31	45	4	696	91,817
Arizona	908	142	84	43,580	13,000
Arkansas	7,466	585	184	4,127	18,544
California	8,316	780	481	26,667	16,991
Colorado	8,013	2,218	437	31,734	15,138
Connecticut	104	9	9	22	1,346
Delaware	420	11	7	18	331
Florida	2,122	452	260	5,100	15,827
Georgia	3,799	457	129	1,680	24,352
Hawaii	161	189	22	770	1,299
Idaho	4,790	789	221	18,391	16,771
Illinois	22,672	1,175	88	1,728	4,772
Indiana	12,216	414	80	1,656	4,748
Iowa	24,750	1,738	225	2,879	2,968
Kansas	25,545	2,598	449	17,781	2,402
Kentucky	5,400	641	328	4,742	11,886
Louisiana	3,497	869	218	2,275	14,645
Maine	328	55	8	159	17,191
Maryland	1,254	108	15	447	2,329
Massachusetts	130	14	5	79	2,088
Michigan	7,192	483	91	1,982	19,262
Minnesota	20,394	1,887	171	3,568	15,929
Mississippi	4,372	638	163	2,715	19,495
Missouri	13,455	1,591	580	9,792	15,085
Montana	12,522	3,181	902	47,629	18,429
Nebraska	20,442	1,090	326	23,677	1,470
Nevada	478	42	57	52,329	5,417
New Hampshire	73	18	2	116	4,341
New Jersey	403	29	16	78	1,116
New Mexico	1,183	534	231	54,344	13,278
New York	3,816	318	113	2,397	15,920
North Carolina	4,085	294	95	1,579	18,078
North Dakota	24,081	2,718	322	13,336	517
Ohio	10,190	530	109	2,144	7,864
Oklahoma	9,155	1,123	1,011	19,756	7,656
Oregon	3,522	834	308	23,863	24,116
Pennsylvania	3,952	446	119	1,287	16,242
Rhode Island	19	4	2	7	290
South Carolina	1,540	308	55	976	13,025
South Dakota	17,624	1,203	528	24,972	1,789
Tennessee	4,479	374	408	3,424	13,500
Texas	21,598	4,773	2,844	104,603	14,357
Utah	1,090	246	140	32,774	9,810
Vermont	379	19	15	305	4,476
Virginia	2,636	205	148	2,794	15,385
Washington	5,558	1,856	125	7,314	18,081
West Virginia	685	42	54	1,351	11,780
Wisconsin	9,301	607	164	2,864	16,727
Wyoming	1,523	207	256	46,086	7,002
United States ¹	339,900	39,306	12,769	655,486	631,682

¹ Distributions may not sum to totals due to rounding.
 ERS, Resource and Rural Economics Division, (202) 694-5340. See notes to Table 9-11 for definitions and data sources.
 Estimates developed for years coinciding with a Census of Agriculture.

Table 9-10.—Land in farms: Irrigated land, by State and United States, 1982–2012¹

State	1982	1987	1992	1997	2002	2007	2012
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Alabama	66	84	82	80	109	113	113
Alaska	1	2	2	3	3	4	2
Arizona	1,098	914	956	1,075	932	876	881
Arkansas	2,022	2,406	2,702	3,785	4,150	4,461	4,804
California	8,461	7,596	7,571	8,887	8,709	8,016	7,862
Colorado	3,201	3,014	3,170	3,374	2,591	2,868	2,517
Connecticut	7	7	6	8	10	10	9
Delaware	44	61	62	75	97	105	127
Florida	1,585	1,623	1,783	1,874	1,815	1,552	1,493
Georgia	575	640	725	773	871	1,018	1,125
Hawaii	146	149	134	77	69	59	82
Idaho	3,450	3,219	3,260	3,544	3,289	3,300	3,365
Illinois	166	208	328	352	391	474	522
Indiana	132	170	241	256	313	397	437
Iowa	91	92	116	133	142	190	172
Kansas	2,675	2,463	2,680	2,696	2,678	2,763	2,881
Kentucky	23	38	28	60	37	59	74
Louisiana	694	647	898	961	939	954	1,093
Maine	6	6	10	22	20	21	31
Maryland	39	51	57	69	81	93	105
Massachusetts	17	20	20	27	24	23	23
Michigan	286	315	366	407	456	500	592
Minnesota	315	354	370	403	455	506	524
Mississippi	431	637	883	1,110	1,176	1,369	1,652
Missouri	403	535	709	921	1,033	1,200	1,181
Montana	2,023	1,997	1,978	2,102	1,976	2,013	1,903
Nebraska	6,039	5,682	6,312	7,066	7,625	8,559	8,297
Nevada	830	779	556	764	747	691	688
New Hampshire	1	3	2	3	2	2	3
New Jersey	83	91	80	94	97	95	88
New Mexico	807	718	738	852	845	830	680
New York	52	51	47	74	75	68	60
North Carolina	81	138	113	156	264	232	175
North Dakota	163	168	187	183	203	236	218
Ohio	28	32	29	35	41	38	47
Oklahoma	492	478	512	509	518	535	480
Oregon	1,808	1,648	1,622	1,963	1,908	1,845	1,630
Pennsylvania	18	30	23	40	43	38	39
Rhode Island	2	4	3	3	4	4	4
South Carolina	81	81	76	89	96	132	159
South Dakota	376	362	371	367	401	374	379
Tennessee	18	38	37	47	61	81	146
Texas	5,576	4,271	4,912	5,764	5,075	5,010	4,489
Utah	1,082	1,161	1,143	1,218	1,091	1,134	1,104
Vermont	1	2	2	3	2	2	4
Virginia	43	79	62	86	99	82	69
Washington	1,638	1,519	1,641	1,787	1,823	1,736	1,634
West Virginia	1	3	3	4	2	2	2
Wisconsin	259	285	331	358	386	377	422
Wyoming	1,565	1,518	1,465	1,750	1,542	1,551	1,436
United States	49,003	46,386	49,404	56,289	55,316	56,599	55,822
Puerto Rico	42	36	46	35	43	40	52
Virgin Islands	(³)	(³)	(³)	(³)	(²)	(²)	(²)
Total	49,002	46,386	49,404	55,058	55,360	56,639	55,874

¹Distributions may not sum to totals due to rounding. ²Less than 500 acres. ³Not available.
 Note: Data from the Census of Agriculture, U.S. Department of Commerce. Beginning in 1997 Census of Agriculture, U.S. Department of Agriculture. Estimates developed for years coinciding with a Census of Agriculture.
 ERS, Resource and Rural Economics Division, (202) 694-5340.

Table 9-11.—Land utilization, United States, selected years, 1987–2012

Major land uses	1987	1992	1997	2002	2007	2012
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
Cropland used for crops ¹	331	338	349	340	335	340
Idle cropland	68	56	39	40	37	39
Cropland used for pasture ²	65	67	68	62	36	13
Grassland pasture ³	591	591	580	587	614	655
Forest land ⁴	648	648	641	651	671	632
Special uses ⁵	279	281	286	297	313	316
Urban areas ⁶	57	59	66	60	61	70
Other land ⁷	227	224	236	228	197	196
Total land area ⁸	2,265	2,263	2,263	2,264	2,264	2,260

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² The 2007 and 2012 estimates declined due to a change in the methodology for determining cropland used for pasture. ³ Grassland and other nonforest pasture and range. ⁴ Excludes reserved and other forest land duplicated in parks and special uses of land. Includes forested grazing land. ⁵ Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes. ⁶ The 2002 urban acreage estimate is not directly comparable to estimates in prior years due to a change in the definition of urban areas in the 2000 Census of Population and Housing. The apparent change in "urban" acreage between 1997 and 2002 reflects a definitional change, rather than a decline in acreage. ⁷ Miscellaneous areas such as marshes, open swamps, bare rock areas, deserts, and other uses not inventoried. ⁸ Remeasurement and increases in reservoirs account for changes in total land areas.
 ERS, Rural and Resource Economics Division, (202) 694-5340. Estimates based on reports and records of the U.S. Agriculture and Commerce Departments, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture. See <http://www.ers.usda.gov/data-products/major-land-uses> for data and more information.

Table 9-12.—Farm real estate: Value of farmland and buildings, Region, State, and United States, 2015–2018¹

Region and State	Total value of land and buildings			
	2015	2016	2017	2018
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Northeast:				
Connecticut	4,680	4,641	4,598	4,674
Delaware	4,217	4,311	4,373	4,457
Maine	3,038	2,873	3,081	3,081
Maryland	14,540	14,940	15,240	15,720
Massachusetts	5,300	5,350	5,292	5,450
New Hampshire	1,958	1,982	2,090	2,107
New Jersey	9,709	9,709	9,782	10,125
New York	21,630	21,770	21,804	22,287
Pennsylvania	42,825	42,486	44,019	45,625
Rhode Island	858	876	894	912
Vermont	4,020	4,080	4,164	4,248
Lake:				
Michigan	48,706	48,020	48,412	48,608
Minnesota	122,332	122,624	124,185	123,675
Wisconsin	65,520	65,088	69,641	70,070
Corn Belt:				
Illinois	200,610	197,100	193,320	196,560
Indiana	103,257	101,767	98,700	98,700
Iowa	234,702	225,522	224,910	222,462
Missouri	90,117	89,838	86,736	93,626
Ohio	83,020	83,580	84,140	86,180
Northern Plains:				
Kansas	94,095	87,478	86,562	84,730
Nebraska	135,751	130,050	126,900	123,750
North Dakota	73,491	68,775	68,382	67,203
South Dakota	98,724	94,827	90,720	89,424
Appalachian:				
Kentucky	44,147	46,020	47,840	48,633
North Carolina	38,760	38,675	38,472	38,976
Tennessee	40,221	41,093	41,856	42,728
Virginia	35,076	35,313	35,802	36,036
West Virginia	9,468	9,432	9,768	9,540
Southeast:				
Alabama	23,577	24,252	25,026	25,330
Florida	52,608	52,896	56,842	57,230
Georgia	32,046	34,100	35,600	35,451
South Carolina	15,024	15,264	15,228	15,888
Delta States:				
Arkansas	41,676	41,700	43,229	43,924
Louisiana	21,962	22,960	23,680	24,320
Mississippi	26,500	27,195	27,664	28,496
Southern Plains:				
Oklahoma	55,909	57,967	59,850	61,560
Texas	239,010	234,600	243,840	260,350
Mountain:				
Arizona ²	25,211	24,929	26,058	26,493
Colorado	47,550	47,550	48,972	49,608
Idaho	29,601	30,044	31,941	33,292
Montana	52,126	52,443	53,278	53,128
Nevada ²	5,934	5,829	5,722	5,722
New Mexico ²	20,268	20,586	20,977	21,100
Utah ²	15,523	15,512	15,983	16,290
Wyoming	20,374	20,481	20,648	21,054
Pacific:				
California	194,718	200,384	219,765	227,205
Oregon	34,668	35,840	37,760	38,880
Washington	38,073	39,396	40,572	41,748
United States³	2,623,130	2,602,148	2,644,318	2,686,656

¹Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. ²Value of all land and buildings adjusted to include American Indian reservation land value. ³Excludes Alaska and Hawaii.

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

Table 9-13.—Farm real estate: Average value per acre - Region, State, and United States, 2015–2018

Region and State	2015	2016	2017	2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast:	5,190	5,270	5,380	5,550
Connecticut	11,700	11,900	12,100	12,300
Delaware	8,110	8,290	8,250	8,410
Maine	2,170	2,210	2,370	2,370
Maryland	7,270	7,470	7,620	7,860
Massachusetts	10,600	10,700	10,800	10,900
New Hampshire	4,450	4,610	4,860	4,900
New Jersey	13,300	13,300	13,400	13,500
New York	3,090	3,110	3,160	3,230
Pennsylvania	5,710	5,820	6,030	6,250
Rhode Island	14,300	14,600	14,900	15,200
Vermont	3,350	3,400	3,470	3,540
Lake:	4,740	4,730	4,880	4,890
Michigan	4,970	4,900	4,940	4,960
Minnesota	4,760	4,790	4,870	4,850
Wisconsin	4,550	4,520	4,870	4,900
Corn Belt:	6,220	6,100	5,990	6,110
Illinois	7,430	7,300	7,160	7,280
Indiana	6,930	6,830	6,580	6,580
Iowa	7,670	7,370	7,350	7,270
Missouri	3,230	3,220	3,120	3,380
Ohio	5,930	5,970	6,100	6,200
Northern Plains:	2,320	2,200	2,150	2,110
Kansas	2,050	1,910	1,890	1,850
Nebraska	3,010	2,890	2,820	2,750
North Dakota	1,870	1,750	1,740	1,710
South Dakota	2,280	2,190	2,100	2,070
Appalachian:	3,810	3,880	3,970	4,030
Kentucky	3,370	3,540	3,680	3,770
North Carolina	4,560	4,550	4,580	4,640
Tennessee	3,690	3,770	3,840	3,920
Virginia	4,440	4,470	4,590	4,620
West Virginia	2,630	2,620	2,640	2,650
Southeast:	3,740	3,830	3,990	4,050
Alabama	2,710	2,820	2,910	2,980
Florida	5,480	5,510	5,860	5,900
Georgia	3,270	3,410	3,560	3,510
South Carolina	3,130	3,180	3,240	3,310
Delta:	2,790	2,830	2,920	3,000
Arkansas	3,020	3,000	3,110	3,160
Louisiana	2,780	2,870	2,960	3,040
Mississippi	2,500	2,590	2,660	2,740
Southern Plains:	1,810	1,810	1,880	2,000
Oklahoma	1,630	1,690	1,750	1,800
Texas	1,860	1,840	1,920	2,050
Mountain:	1,130	1,140	1,170	1,200
Arizona ¹	3,620	3,570	3,770	3,780
Colorado	1,500	1,500	1,540	1,560
Idaho	2,530	2,590	2,730	2,870
Montana	888	898	917	916
Nevada ¹	1,080	1,040	1,020	1,020
New Mexico ¹	523	540	558	565
Utah ¹	2,130	2,160	2,230	2,310
Wyoming	686	699	712	726
Pacific:	4,800	4,960	5,440	5,610
California	7,820	8,080	8,970	9,350
Oregon	2,140	2,240	2,360	2,430
Washington	2,590	2,680	2,760	2,840
United States ²	3,000	2,990	3,030	3,100

¹ Excludes American Indian Reservation Land. ² Excludes Alaska and Hawaii.
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Table 9-14.—Land values, cropland and pasture average value per acre: Region, State, and United States, 2015–2018

Region and State	Cropland			
	2015	2016	2017	2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast:	5,520	5,650	5,700	5,940
Delaware	7,880	8,090	7,960	8,120
Maryland	6,720	6,910	7,050	7,280
New Jersey	13,800	13,500	13,600	13,700
New York	2,680	2,690	2,740	2,800
Pennsylvania	6,130	6,450	6,470	6,890
Other States ¹	7,270	7,290	7,630	7,650
Lake:	4,730	4,750	4,840	4,810
Michigan	4,620	4,590	4,580	4,510
Minnesota	4,860	4,840	4,920	4,950
Wisconsin	4,550	4,660	4,870	4,740
Corn Belt:	6,700	6,500	6,380	6,370
Illinois	7,580	7,350	7,210	7,280
Indiana	6,780	6,690	6,300	6,210
Iowa	7,860	7,510	7,440	7,290
Missouri	3,680	3,570	3,560	3,490
Ohio	6,030	6,070	6,150	6,320
Northern Plains:	3,090	2,900	2,760	2,740
Kansas	2,230	2,080	2,010	2,060
Nebraska	5,010	4,750	4,430	4,380
North Dakota	2,080	1,910	1,890	1,870
South Dakota	3,670	3,430	3,200	3,120
Appalachian:	3,910	3,980	4,070	4,140
Kentucky	3,860	3,980	4,140	4,250
North Carolina	4,150	4,060	4,090	4,130
Tennessee	3,510	3,670	3,730	3,830
Virginia	4,560	4,610	4,730	4,760
West Virginia	3,290	3,220	3,250	3,250
Southeast:	3,840	4,030	4,060	4,160
Alabama	2,940	3,080	3,170	3,300
Florida	6,660	6,860	6,940	7,040
Georgia	3,160	3,420	3,430	3,430
South Carolina	2,560	2,610	2,700	2,790
Delta:	2,600	2,690	2,770	2,840
Arkansas	2,600	2,660	2,730	2,780
Louisiana	2,480	2,590	2,700	2,790
Mississippi	2,700	2,810	2,900	3,000
Southern Plains:	1,690	1,700	1,780	1,820
Oklahoma	1,520	1,530	1,590	1,630
Texas	1,760	1,770	1,850	1,890
Mountain:	1,780	1,820	1,860	1,910
Arizona ²	7,970	7,800	7,720	7,610
Colorado	1,990	2,020	2,070	2,100
Idaho	3,280	3,420	3,570	3,740
Montana	995	1,010	1,010	1,020
Nevada ²	2,550	(D)	(D)	(D)
New Mexico ²	1,480	1,500	1,560	1,580
Utah ²	3,430	3,530	3,690	3,830
Wyoming	1,420	1,450	1,460	1,490
Pacific:	6,190	6,350	6,650	6,830
California	10,850	11,160	11,630	12,170
Oregon	2,630	2,780	2,920	3,000
Washington	2,530	2,590	2,660	2,630
United States ³	4,100	4,040	4,030	4,050

See footnote(s) at end of table.

Table 9-14.—Land values, cropland and pasture average value per acre: Region, State, and United States, 2015–2018—Continued

Region, State, and land type	Irrigated and Non-Irrigated Cropland			
	2015	2016	2017	2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn Belt:				
Missouri all cropland	3,680	3,570	3,560	3,490
Irrigated	4,950	4,830	4,940	4,770
Non-irrigated	3,570	3,470	3,450	3,380
Northern Plains:				
Kansas all cropland	2,230	2,080	2,010	2,060
Irrigated	3,300	3,050	2,910	2,980
Non-irrigated	2,110	1,970	1,910	1,960
Nebraska all cropland	5,010	4,750	4,430	4,380
Irrigated	6,780	6,430	6,010	5,930
Non-irrigated	3,920	3,720	3,450	3,430
South Dakota all cropland	3,670	3,430	3,200	3,120
Irrigated	(D)	(D)	(D)	(D)
Non-irrigated	3,640	3,410	3,180	3,100
Southeast:				
Florida all cropland	6,660	6,860	6,940	7,040
Irrigated	7,680	7,750	7,860	7,980
Non-irrigated	5,690	6,020	6,070	6,160
Georgia all cropland	3,160	3,420	3,430	3,430
Irrigated	3,600	4,010	4,080	4,560
Non-irrigated	3,000	3,210	3,190	3,020
Delta:				
Arkansas all cropland	2,600	2,660	2,730	2,780
Irrigated	3,070	3,150	3,230	3,290
Non-irrigated	1,880	1,920	1,960	1,990
Louisiana all cropland	2,480	2,590	2,700	2,790
Irrigated	2,380	2,520	2,660	2,750
Non-irrigated	2,510	2,620	2,710	2,810
Mississippi all cropland	2,700	2,810	2,900	3,000
Irrigated	3,130	3,300	3,440	3,580
Non-irrigated	2,500	2,580	2,640	2,720
Southern Plains:				
Oklahoma all cropland	1,520	1,530	1,590	1,630
Irrigated	(D)	(D)	(D)	(D)
Non-irrigated	1,510	1,520	1,580	1,610
Texas all cropland	1,760	1,770	1,850	1,890
Irrigated	1,970	1,920	2,020	2,160
Non-irrigated	1,730	1,750	1,820	1,840
Mountain:				
Arizona all cropland ²	7,970	7,800	7,720	7,610
Irrigated	7,970	7,800	7,720	7,610
Colorado all cropland	1,990	2,020	2,070	2,100
Irrigated	4,840	4,860	4,950	5,050
Non-irrigated	1,280	1,320	1,360	1,370
Idaho all cropland	3,280	3,420	3,570	3,740
Irrigated	4,950	5,180	5,410	5,690
Non-irrigated	1,430	1,470	1,530	1,590
Montana all cropland	995	1,010	1,010	1,020
Irrigated	2,950	2,970	2,970	2,990
Non-irrigated	808	818	827	836
Nevada all cropland ²	2,550	(D)	(D)	(D)
Irrigated	2,550	(D)	(D)	(D)
New Mexico all cropland ²	1,480	1,500	1,560	1,580
Irrigated	4,020	4,080	4,140	4,190
Non-irrigated	400	405	463	469
Utah all cropland ²	3,430	3,530	3,690	3,830
Irrigated	5,510	5,660	5,930	6,160
Non-irrigated	1,180	1,240	1,270	1,320
Wyoming all cropland	1,420	1,450	1,460	1,490
Irrigated	2,280	2,330	2,340	2,390
Non-irrigated	800	816	820	836
Pacific:				
California all cropland	10,850	11,160	11,630	12,170
Irrigated	12,900	13,200	13,700	14,300
Non-irrigated	4,060	4,400	4,740	5,090
Oregon all cropland	2,630	2,780	2,920	3,000
Irrigated	4,400	4,730	4,950	5,180
Non-irrigated	1,970	2,060	2,170	2,200
Washington all cropland	2,530	2,590	2,660	2,630
Irrigated	7,530	7,760	8,000	7,930
Non-irrigated	1,230	1,250	1,270	1,260

See footnote(s) at end of table.

Table 9-14.—Land values, cropland and pasture average value per acre: Region, State, and United States, 2015–2018—Continued

Region and State	Pasture			
	2015	2016	2017	2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast:	3,600	3,550	3,640	3,770
Maryland	6,230	6,450	6,580	(D)
New Jersey	13,800	13,000	13,100	13,300
New York	1,470	1,460	1,480	1,560
Pennsylvania	2,960	2,860	3,020	3,140
Other States ¹	6,010	6,040	6,160	6,410
Lake:	2,050	2,020	2,050	2,080
Michigan	2,720	2,650	2,620	2,600
Minnesota	1,720	1,680	1,740	1,750
Wisconsin	2,180	2,190	2,200	2,260
Corn Belt:	2,390	2,330	2,260	2,320
Illinois	3,520	3,350	3,240	3,200
Indiana	2,520	2,480	2,430	2,430
Iowa	3,260	3,190	2,850	2,790
Missouri	1,880	1,830	1,830	1,920
Ohio	3,240	3,250	3,240	3,370
Northern Plains:	1,010	1,000	1,020	1,040
Kansas	1,400	1,310	1,310	1,320
Nebraska	859	891	904	975
North Dakota	828	794	804	776
South Dakota	963	993	1,020	1,040
Appalachian:	3,410	3,440	3,500	3,530
Kentucky	2,850	2,880	2,970	3,000
North Carolina	4,760	4,810	4,840	4,830
Tennessee	3,540	3,610	3,670	3,870
Virginia	4,110	4,090	4,150	4,050
West Virginia	2,040	2,060	2,100	2,090
Southeast:	3,870	4,000	4,030	4,180
Alabama	2,210	2,280	2,360	2,470
Florida	4,970	5,200	5,240	5,380
Georgia	3,580	3,540	3,570	3,660
South Carolina	3,060	3,120	3,180	3,260
Delta:	2,330	2,420	2,480	2,550
Arkansas	2,270	2,410	2,460	2,530
Louisiana	2,570	2,570	2,660	2,750
Mississippi	2,210	2,300	2,350	2,410
Southern Plains:	1,500	1,480	1,490	1,540
Oklahoma	1,370	1,380	1,350	1,380
Texas	1,530	1,500	1,520	1,570
Mountain:	626	636	647	667
Arizona ²	(D)	(D)	(D)	(D)
Colorado	792	803	818	835
Idaho	1,280	1,350	1,420	1,490
Montana	649	649	658	667
Nevada ²	(D)	(D)	(D)	(D)
New Mexico ²	349	363	379	394
Utah ²	1,090	1,100	1,130	1,160
Wyoming	530	540	550	561
Pacific:	1,640	1,660	1,680	1,680
California	2,740	2,760	2,780	2,810
Oregon	666	692	715	728
Washington	787	790	782	766
United States ³	1,310	1,320	1,330	1,370

(D) Withheld to avoid disclosing data for individual operations. ¹ Includes: Connecticut, Delaware, Maine, Maryland (beginning in 2018), Massachusetts, New Hampshire, Rhode Island, and Vermont. ² Excludes American Indian Reservation land. ³ Excludes Alaska and Hawaii.

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Table 9-15.—Cash rents, cropland and pasture: By State, 2017–2018

State	2017				2018			
	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama	58.00	121.00	55.00	23.00	61.50	111.00	59.00	22.00
Arizona	250.00	250.00		2.30	253.00	253.00		
Arkansas	106.00	132.00	43.00	18.00	111.00	136.00	49.00	18.00
California	325.00	510.00	35.00	12.00	340.00	528.00		13.00
Colorado	73.50	143.00	30.00	5.60	74.50	144.00		
Connecticut			57.00					
Delaware	109.00	145.00	88.00		112.00			
Florida	123.00	259.00	50.00	15.50	115.00	232.00	53.00	17.00
Georgia	120.00	200.00	65.00	29.00	116.00	190.00	65.00	27.00
Hawaii	282.00	400.00	200.00	12.00				
Idaho	160.00	215.00	58.00	12.00	160.00	216.00	56.00	11.00
Illinois	218.00	236.00	218.00	38.00	223.00	240.00	223.00	39.00
Indiana	195.00	250.00	193.00	39.00	198.00	244.00	196.00	
Iowa	231.00	240.00	231.00	54.00	231.00		231.00	54.00
Kansas	64.00	128.00	56.00	19.00	66.50	131.00	58.00	19.50
Kentucky	145.00	205.00	144.00	25.00	149.00		148.00	
Louisiana	88.00	104.00	71.00	17.00	89.00	104.00	73.00	18.00
Maine			57.00					
Maryland	103.00	190.00	94.00	40.00	113.00		106.00	
Massachusetts	82.00	220.00	67.00	27.00				
Michigan	123.00	225.00	115.00	28.00	123.00	232.00	115.00	
Minnesota	166.00	185.00	166.00	30.00	167.00	192.00	166.00	31.00
Mississippi	119.00	143.00	83.00	18.00	120.00	143.00	84.00	19.00
Missouri	128.00	180.00	121.00	31.00	132.00	180.00	125.00	33.00
Montana	31.50	75.00	26.00	6.30	32.00		26.50	6.30
Nebraska	194.00	238.00	149.00	24.50	195.00	238.00	150.00	22.50
Nevada		127.00						
New Hampshire	54.00		50.00					
New Jersey	77.00	128.00	63.00	36.00	77.50			
New Mexico	83.00	140.00	18.00	3.20				
New York	61.00	138.00	60.00	23.00	63.00		62.00	
North Carolina	88.50	105.00	88.00	26.00	87.00	110.00	86.00	28.00
North Dakota	65.00	161.00	64.00	17.00	65.00	163.00	64.00	17.00
Ohio	152.00	185.00	152.00	25.00	152.00		152.00	
Oklahoma	33.00	72.00	31.00	13.00	34.00	72.00	32.00	13.50
Oregon	152.00	205.00	90.00	11.00	159.00	215.00	93.00	12.00
Pennsylvania	79.50	140.00	79.00	44.00	80.50		80.00	
South Carolina	46.50	90.00	42.00	19.00	48.50	90.00	44.00	
South Dakota	119.00	191.00	117.00	25.00	119.00	189.00	117.00	23.00
Tennessee	98.50	170.00	95.00	20.00	98.00	165.00	95.00	20.00
Texas	40.50	87.00	28.00	6.60	42.50	91.00	30.00	6.70
Utah	63.00	90.50	26.50	4.80	64.00	92.00		
Vermont			48.00	24.50				
Virginia	60.00	105.00	58.00	20.00	63.00	100.00	61.00	21.00
Washington	198.00	350.00	73.00	8.00	203.00	358.00	75.00	
West Virginia	42.00		42.00	12.50	45.00		45.00	
Wisconsin	139.00	243.00	133.00	40.00	140.00	238.00	134.00	40.00
Wyoming	56.50	82.00	15.00	4.80				

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Table 9-16.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 2014–2018

Item	2014	2015	2016	2017	2018
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Assets					
Physical assets:					
Real estate	2,383.2	2,395.4	2,443.4	2,469.5	2,519.0
Non-real estate:					
Livestock and poultry ¹	127.9	118.2	109.0	107.2	104.9
Machinery and motor vehicles ²	245.7	118.2	109.0	107.2	267.5
Crops ³	61.7	239.5	255.4	260.5	49.4
Purchased inputs	20.1	52.5	55.7	56.9	16.8
Financial	102.8	16.4	14.9	16.2	68.5
Total	2,949.2	2,909.7	2,956.5	2,993.1	3,032.8
Debt					
Liabilities:					
Real estate	196.8	208.8	226.0	238.1	250.9
Non-real estate	148.4	148.0	148.2	155.0	160.0
Total Debt ⁴	345.2	356.7	374.2	393.0	410.8
Equity	2,604.0	2,552.9	2,582.3	2,600.0	2,621.9
Ratio:	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Debt/equity	13.3	14.0	14.5	15.1	15.7
Debt/assets	11.7	12.3	12.7	13.1	13.5

Note: Data as of March 6, 2019. ¹The U.S. total exceeds the sum of the states because NASS does not release state data for some minor producing states due to disclosure issues. Horses and mules are excluded. ²Includes only farm share value for trucks and autos. ³All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. ⁴Excludes debt for nonfarm purposes.

ERS, Farm Income Team. <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>.

Table 9-17.—Farm labor: Number of workers on farms and average wage rates, United States, 2009–2018

Year	Hired workers ¹	Wage rate ²
	<i>Thousands</i>	<i>Dollars Per Hour</i>
2009		
Jan	603	10.93
Apr	694	10.86
July	892	10.66
Oct	829	10.93
Annual average	754.5	10.83
2010		
Jan	612	11.08
Apr	746	10.82
July	885	10.79
Oct	827	11.13
Annual average	767.5	10.95
2011		
Jan	603	11.30
Apr	⁽³⁾	⁽³⁾
July	834	10.93
Oct	828	11.15
Annual average	748.8	11.07
2012		
Jan	575	11.52
Apr	748	11.41
July	906	11.36
Oct	876	11.75
Annual average	776.3	11.51
2013		
Jan	596	12.02
Apr	736	11.89
July	906	11.68
Oct	871	11.96
Annual average	777.3	11.87
2014		
Jan	540	12.23
Apr	690	12.01
July	838	11.96
Oct	782	12.12
Annual average	712.5	12.07
2015		
Jan	549	12.53
Apr	687	12.28
July	872	12.47
Oct	841	12.82
Annual average	737.3	12.54
2016		
Jan	582	12.83
Apr	703	12.75
July	840	13.02
Oct	798	13.25
Annual average	730.8	12.98
2017		
Jan	533	13.43
Apr	673	13.23
July	879	13.23
Oct	840	13.42
Annual average	731.3	13.32
2018		
Jan	534	14.08
Apr	648	13.72
July	843	14.28
Oct	784	14.47
Annual average	702.3	14.17

¹ Includes all workers, other than agricultural service workers, who were paid for at least one hour of agricultural work on a farm or ranch during the survey week. ² Applies to hired workers only (excludes pay for agricultural service workers). ³ The Agricultural (Farm) Labor Survey was not conducted for this quarter.
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Table 9-18.—Farm labor: Number of hired workers on farms and average wage rates, by regions and United States, 2018¹

Region ²	Workers on farms	Farm wage rates			
	Hired	Type of worker			
		Field	Livestock	Field and livestock	All hired workers ³
	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>January 7–13, 2018</i>					
Northeast I	28	14.00	13.12	13.45	14.70
Northeast II	27	13.57	12.88	13.25	14.19
Appalachian I	19	12.49	11.57	12.15	13.30
Appalachian II	17	11.68	11.53	11.60	12.89
Southeast	20	10.74	11.33	10.95	11.86
Florida	37	10.80	10.80	10.80	11.64
Lake	35	12.18	12.35	12.30	13.06
Cormbelt I	31	13.09	13.20	13.15	14.29
Cormbelt II	16	13.37	13.08	13.20	13.85
Delta	19	12.35	10.83	11.50	12.23
Northern Plains	25	14.76	13.47	14.05	14.82
Southern Plains	40	11.68	12.48	12.05	12.65
Mountain I	17	13.18	13.14	13.15	14.54
Mountain II	13	12.16	13.93	13.40	14.57
Mountain III	17	12.04	12.33	12.15	13.31
Pacific	37	14.06	14.23	14.10	15.31
California	129	13.55	14.40	13.73	15.61
Hawaii	7	14.35	15.40	14.52	16.20
United States	534	12.84	12.89	12.86	14.08
<i>April 8–14, 2018</i>					
Northeast I	35	13.44	13.03	13.25	14.46
Northeast II	33	13.37	12.68	13.10	13.89
Appalachian I	24	11.87	11.80	11.85	12.69
Appalachian II	18	11.56	11.64	11.60	12.69
Southeast	30	10.35	11.03	10.55	11.23
Florida	38	11.20	12.20	11.25	11.89
Lake	43	12.28	12.41	12.35	13.02
Cormbelt I	42	12.49	13.20	12.75	13.71
Cormbelt II	21	12.74	13.43	13.05	13.64
Delta	32	11.30	10.91	11.15	11.62
Northern Plains	32	14.52	13.47	14.00	14.70
Southern Plains	44	11.40	12.13	11.75	12.26
Mountain I	26	13.16	13.02	13.10	13.84
Mountain II	15	12.08	13.59	13.05	14.13
Mountain III	16	11.77	12.09	11.90	13.13
Pacific	53	14.16	14.10	14.15	14.97
California	140	13.45	14.15	13.58	15.10
Hawaii	6	14.55	15.70	14.77	16.71
United States	648	12.72	12.78	12.74	13.72

See footnote(s) at end of table.

Table 9-18.—Farm labor: Number of hired workers on farms and average wage rates, by regions and United States, 2018¹—Continued

Region ²	Workers on farms		Type of worker		
	Hired	Field	Livestock	Field and livestock	All hired workers ³
	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>July 8–14, 2018</i>					
Northeast I	34	13.14	12.92	13.05	13.74
Northeast II	42	12.57	12.83	12.65	13.45
Appalachian I	40	12.17	12.54	12.25	12.73
Appalachian II	31	11.52	11.77	11.60	12.33
Southeast	27	11.75	10.85	11.50	12.32
Florida	30	11.40	11.40	11.40	12.49
Lake	70	13.76	14.05	13.90	14.49
Cormbelt I	45	13.20	13.36	13.25	14.29
Cormbelt II	24	13.48	12.62	13.15	13.84
Delta	31	11.33	11.67	11.40	11.85
Northern Plains	42	15.12	13.80	14.40	15.14
Southern Plains	57	12.33	12.28	12.30	13.12
Mountain I	27	13.53	14.23	13.85	14.34
Mountain II	21	13.15	13.01	13.10	13.79
Mountain III	18	11.30	12.67	11.95	12.49
Pacific	120	15.39	14.40	15.30	15.69
California	178	14.10	14.15	14.11	15.43
Hawaii	6	14.35	17.00	14.82	16.58
United States	843	13.58	13.22	13.48	14.28
<i>October 7–13, 2018</i>					
Northeast I	36	13.58	12.81	13.30	13.95
Northeast II	35	13.77	13.70	13.75	14.45
Appalachian I	37	12.52	12.68	12.55	13.07
Appalachian II	30	11.63	11.84	11.70	12.39
Southeast	27	11.92	10.82	11.60	12.48
Florida	31	11.60	11.60	11.60	12.63
Lake	66	14.81	14.39	14.60	15.14
Cormbelt I	45	13.93	13.47	13.80	14.76
Cormbelt II	23	13.94	13.65	13.85	14.53
Delta	28	11.32	11.46	11.35	11.83
Northern Plains	40	15.93	13.55	14.80	15.49
Southern Plains	53	12.67	12.73	12.70	13.53
Mountain I	31	13.05	14.11	13.55	13.95
Mountain II	20	12.91	13.26	13.05	13.87
Mountain III	19	11.45	12.67	12.00	12.53
Pacific	90	15.62	14.58	15.50	16.02
California	167	14.10	14.25	14.12	15.50
Hawaii	6	14.55	16.20	14.82	16.26
United States	784	13.74	13.38	13.64	14.47

¹ Includes all workers, other than agricultural service workers, who were paid for at least one hour of agricultural work on a farm or ranch during the survey week. ² Multi-state regions consist of the following: Northeast I: Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont; Northeast II: Delaware, Maryland, New Jersey, Pennsylvania; Appalachian I: North Carolina, Virginia; Appalachian II: Kentucky, Tennessee, West Virginia; Southeast: Alabama, Georgia, South Carolina; Lake: Michigan, Minnesota, Wisconsin; Cormbelt I: Illinois, Indiana, Ohio; Cormbelt II: Iowa, Missouri; Delta: Arkansas, Louisiana, Mississippi; Northern Plains: Kansas, Nebraska, North Dakota, South Dakota; Southern Plains: Oklahoma, Texas; Mountain I: Idaho, Montana, Wyoming; Mountain II: Colorado, Nevada, Utah; Mountain III: Arizona, New Mexico; Pacific: Oregon, Washington. ³ Includes field workers, livestock workers, supervisors, and others, excluding agricultural service workers.

Table 9-19.—Hired farmworkers: Number of Workers and Median Weekly Earnings, 2016–2018

Characteristics	Workers ¹			Median Weekly Earnings ²		
	2016	2017	2018	2016	2017	2018
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
All workers	925	964	950	481	500	540
15–19 years old	74	69	78	204	300	300
20–24 years old	95	104	108	480	442	459
25–34 years old	221	216	191	559	560	576
35–44 years old	196	199	204	500	520	576
45–54 years old	189	192	169	518	550	570
55 years old and older	150	185	201	480	600	550
Male	741	776	744	520	554	577
Female	184	189	206	400	430	440
White ³	436	456	426	550	600	597
Black and other races ³	39	50	55	*	*	*
Hispanic	450	459	469	480	480	528
Schooling completed						
Less than 5th grade	66	51	68	450	464	460
5th–8th grade	160	175	165	400	461	492
9th–12th grade (no diploma) ..	175	165	183	416	450	480
High school diploma	291	318	300	536	560	600
Beyond high school	233	255	235	610	650	600
Full-time (35 or more hours per week) ⁴	789	836	798	538	574	580
Part-time (less than 35 hours per week) ⁴	135	126	148	200	240	220

¹ Insufficient number of reports to publish data. ² Represents annual average number of persons 15 years old and over in the civilian noninstitutional population who were employed as hired farm managers, supervisors, or laborers. Employment estimates based on 12 monthly Current Population Survey microdata files. Earnings estimates based on 12 monthly Current Population Survey Outgoing Rotation Group microdata files. ³ "Median weekly earnings" is the earnings value that divides farmworkers into two equal-sized groups, one group having earnings above the median and the other group having earnings below the median. "Earnings" refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions. ⁴ Excludes persons of Hispanic origin. ⁵ The sum of full-time and part-time workers will not equal the total because usual hours worked varies for some individuals. ERS, Rural Economy Branch, (202) 694–5416.

Table 9-20.—Crops: Area, United States, 2009–2018

Year	Principal crops				Commercial vegetables, harvested area	Fruits and nuts, bearing area ⁴
	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>
2009	89,446	53,195	301,172	319,022	2,946.6	4,050.5
2010	89,984	50,768	303,619	315,414	2,827.2	4,091.5
2011	90,940	48,543	292,652	314,343	2,682.0	4,132.6
2012	96,639	51,687	306,855	324,304	2,762.0	4,113.1
2013	98,095	48,073	303,764	324,937	2,681.2	4,306.1
2014	93,079	49,576	308,368	326,673	2,669.6	4,375.9
2015	93,037	50,267	304,814	319,047	2,637.1	4,398.3
2016	96,455	47,356	305,826	318,977	2,636.2	4,770.4
2017	90,543	40,229	301,779	318,340	2,572.5	4,818.5
2018	89,648	42,800	300,566	319,579	2,498.1	4,056.1

¹ Corn for grain, oats, barley, and sorghum for grain. ² Wheat, rye, and rice. ³ Crops included in area planted and area harvested are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, canola, proso millet, and sugarbeets. Harvested acreage for all hay, tobacco, and sugarcane are used in computing total area planted. ⁴ Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons and tangelos; area is for the year of harvest; deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit, olives, avocados, papayas, dates, berries, guavas, cranberries, pineapples (discontinued as of 2007 crop) and strawberries; nuts—almonds, hazelnuts, macadamias, pistachios, and walnuts. NASS, Crops Branch, (202) 720–2127.

Table 9-21.—Crops: Area harvested and yield, United States, 2017–2018

Crop	Area harvested		Yield per acre		
	2017	2018	Unit	2017	2018
	1,000 acres	1,000 acres			
Grains and hay:					
Barley	1,962	1,982	Bushels	73.0	77.5
Corn for grain	82,733	81,740	Bushels	176.6	176.4
Corn for silage	6,385	6,113	Tons	20.0	19.9
Hay, all	52,777	52,839	Tons	2.43	2.34
Alfalfa	17,007	16,608	Tons	3.28	3.17
All other	35,770	36,231	Tons	2.02	1.96
Oats	804	865	Bushels	61.7	64.9
Proso millet	403	403	Bushels	36.9	29.8
Rice	2,374	2,915	Pounds	7,507	7,692
Rye	300	273	Bushels	34.2	30.9
Sorghum for grain	5,044	5,061	Bushels	71.7	72.1
Sorghum for silage	282	264	Tons	13.4	12.6
Wheat, all	37,555	39,612	Bushels	46.4	47.6
Winter	25,301	24,742	Bushels	50.2	47.9
Durum	2,106	1,974	Bushels	26.0	39.5
Other spring	10,148	12,896	Bushels	41.0	48.3
Oilseeds:					
Canola	2,002.0	1,942.5	Pounds	1,526	1,861
Cottonseed			Tons		
Flaxseed	272	198	Bushels	14.1	22.6
Mustard Seed	95.4	97.5	Pounds	617	750
Peanuts	1,775.6	1,373.5	Pounds	4,007	4,001
Rapeseed	9.9	5.4	Pounds	1,843	1,524
Safflower	145.2	156.4	Pounds	1,212	1,511
Soybeans for beans	89,542	87,594	Bushels	49.3	50.6
Sunflower	1,333.8	1,217.4	Pounds	1,603	1,731
Cotton, tobacco and sugar crops:					
Cotton, all	11,100.4	10,205.8	Pounds	905	864
Upland	10,850.0	9,957.0	Pounds	895	847
American Pima	250.4	248.8	Pounds	1,341	1,545
Sugarbeets	1,113.8	1,095.4	Tons	31.7	30.3
Sugarcane	904.1	899.7	Tons	36.8	38.4
Tobacco	321.5	291.4	Pounds	2,209	1,830
Dry beans, peas and lentils:					
Austrian winter peas	8.0	10.9	Cwt	1,250	1,138
Dry edible beans	2,022.7	2,016.0	Cwt	1,778	1,860
Chickpeas, all	611.0	842.8	Cwt	1,155	1,512
Large	435.2	623.2	Cwt	1,169	1,520
Small	175.8	219.6	Cwt	1,120	1,489
Dry edible peas	1,051.5	807.9	Cwt	1,350	1,972
Lentils	1,022.0	718.0	Cwt	732	1,171
Wrinkled seed peas			Cwt		
Potatoes and miscellaneous:					
Hops	54.0	55.0	Pounds	1,956	1,943
Maple Syrup			Pounds		
Mushrooms			Pounds		
Peppermint oil	60.8	58.5	Pounds	95	92
Potatoes, all	1,044.5	1,014.8	Cwt	432	443
Spring	62.2	51.8	Cwt	350	343
Summer	67.6	56.4	Cwt	331	315
Fall	914.7	906.6	Cwt	445	457
Spearmint oil	22.3	20.8	Pounds	125	124
Sweet potatoes	159.3	144.4	Cwt	224	190
Taro (Hawaii)	0.4	0.3	Pounds	10,530	9,630

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Table 9-22.—Crops: Production and value, United States, 2017–2018

Crop	Production			Value of production	
	Unit	2017	2018	2017	2018
		Thousands	Thousands	1,000 dollars	1,000 dollars
Grains and hay:					
Barley	Bushels	143,258	153,527	624,184	693,058
Corn for grain	Bushels	14,609,407	14,420,101	49,567,854	51,481,090
Corn for silage	Bushels	127,434	121,361	.....	.....
Hay, all	Tons	128,207	123,600	16,109,040	17,048,184
Alfalfa	Tons	55,812	52,634	8,155,304	8,457,472
All other	Tons	72,395	70,966	7,953,736	8,590,712
Oats	Bushels	49,585	56,130	139,635	163,822
Proso millet	Bushels	14,889	11,991	49,444	55,648
Rice	Cwt	178,228	224,211	2,360,439	2,751,514
Rye	Bushels	10,252	8,432	48,180	.....
Sorghum for grain	Bushels	361,871	364,986	1,168,526	1,212,237
Sorghum for silage	Bushels	3,772	3,326	.....	.....
Wheat, all	Bushels	1,740,910	1,885,156	8,255,119	9,699,073
Winter	Bushels	1,270,282	1,183,939	5,522,949	5,981,865
Durum	Bushels	54,777	77,985	344,791	405,313
Other Spring	Bushels	415,851	623,232	2,387,379	3,311,895
Oilseeds:					
Canola	Pounds	3,055,410	3,615,440	526,211	594,156
Cottonseed	Tons	6,422.0	5,631.0	911,925	896,048
Flaxseed	Bushels	3,842	4,466	36,340	43,072
Mustard Seed	Pounds	58,820	73,078	17,725	20,878
Peanuts	Pounds	7,115,410	5,495,935	1,634,017	1,155,709
Rapeseed	Pounds	18,250	8,230	3,487	1,526
Safflower	Pounds	176,025	236,380	35,725	48,051
Soybeans for beans	Bushels	4,411,633	4,428,150	41,308,740	39,133,978
Sunflower	Pounds	2,137,750	2,107,045	375,077	371,386
Cotton, tobacco and sugar crops:					
Cotton, all	Bales	20,922.5	18,367.0	7,222,535	6,712,086
Upland	Bales	20,223.0	17,566.0	6,757,371	6,187,432
American Pima	Bales	699.5	801.0	465,164	524,654
Sugarbeets	Tons	35,317	33,145	1,456,165	.....
Sugarcane	Tons	33,238	34,542	1,025,524	.....
Tobacco	Pounds	710,161	533,241	1,461,855	1,093,918
Dry Beans, peas and lentils:					
Austrian winter peas	Cwt	100	124	1,575	1,830
Dry edible beans	Cwt	35,961	37,494	1,006,353	978,076
Chickpeas, all	Cwt	7,057	12,742	223,130	274,039
Large	Cwt	5,088	9,472	170,960	203,423
Small	Cwt	1,969	3,270	52,170	70,616
Dry edible peas	Cwt	14,195	15,929	165,770	164,972
Lentils	Cwt	7,482	8,408	188,906	139,911
Wrinkled seed peas	Cwt	357	389	11,548	13,564
Potatoes and miscellaneous:					
Hops	Pounds	105,621.5	106,906.7	591,375	583,444
Maple Syrup	Gallons	4,385	4,199	145,346	141,825
Mushrooms	Pounds	933,355	917,235	1,226,127	1,131,564
Peppermint oil	Pounds	5,750	5,377	105,011	106,489
Potatoes, all	Cwt	450,921	450,020	4,133,073	4,006,340
Spring	Cwt	21,748	17,757	467,311	282,093
Summer	Cwt	22,373	17,764	287,416	207,518
Fall	Cwt	406,800	414,499	3,378,346	3,516,729
Spearmint oil	Pounds	2,796	2,571	45,336	43,178
Sweet potatoes	Cwt	35,646	27,378	657,021	654,060
Taro (Hawaii)	Pounds	3,686	2,985	2,580	1,970

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Table 9-23.—Fruits and nuts: Bearing acreage and yield, United States, 2017–2018

Crop	Bearing acreage		Yield per acre		
	2017	2018	Unit	2017	2018
	Acres	Acres			
Noncitrus fruits:					
Apples, Commercial	328,200	291,200	Tons	17.60	17.61
Apricots	11,300	10,600	Tons	4.04	3.73
Avocados	58,140	53,640	Tons	3.23	3.46
Bananas (Hawaii) ^{1 2}	950	.....	Tons	3.50	.....
Blackberries Cultivated (Oregon) ^{1 2}	6,300	.....	Tons	3.19	.....
Blueberries Cultivated ¹	83,900	89,200	Tons	3.06	3.15
Blueberries Wild (Maine) ¹	17,000	18,800	Tons	1.99	1.34
Boysenberries (Oregon) ^{1 2}	330	.....	Tons	3.03	.....
Cherries, Sweet	92,500	85,000	Tons	4.73	4.05
Cherries, Tart	35,300	35,200	Tons	3.68	4.24
Coffee (Hawaii)	7,200	7,100	Tons	1.77	1.92
Cranberries	39,900	39,300	Tons	10.46	11.36
Dates	13,400	13,100	Tons	3.23	3.13
Figs (California) ²	6,700	.....	Tons	4.66	.....
Grapes	997,800	937,000	Tons	7.40	8.11
Kiwifruit (California)	3,600	3,900	Tons	9.33	9.70
Nectarines	17,000	14,000	Tons	8.34	8.60
Olives (California)	40,000	37,500	Tons	4.81	1.43
Papayas (Hawaii) ¹	1,100	800	Tons	11.64	6.50
Peaches	91,950	74,500	Tons	7.62	8.74
Pears	46,200	46,300	Tons	16.00	17.40
Plums (California)	15,000	14,000	Tons	7.86	7.16
Prunes (California)	45,000	44,000	Tons	7.22	6.36
Raspberries ¹	19,960	16,900	Tons	5.65	6.47
Strawberries ¹	53,200	49,220	Tons	25.57	29.03
Tree nuts:					
Almonds (California) ³	1,030,000	1,090,000	Tons	1.79	1.69
Hazelnuts (Oregon) ³	40,000	44,000	Tons	0.80	1.16
Macadamia (Hawaii) ³	17,000	16,900	Tons	1.44	1.04
Pecans ³	404,800	409,900	Tons	0.38	0.30
Pistachios (California) ³	250,000	264,000	Tons	1.20	1.87
Walnuts (California) ³	335,000	350,000	Tons	1.88	1.93
Citrus fruits:					
Grapefruit ⁴	59,600	54,800	Boxes	285	228
Lemons ⁴	54,300	54,300	Boxes	406	409
Oranges ⁴	527,500	517,500	Boxes	225	176
Tangerines and Mandarins ⁴	68,400	71,300	Boxes	372	280

¹Harvested acreage. For 2017, yield based on utilized production. For 2018, yield based on total production. ²Estimates discontinued in 2018. ³Yield based on utilized production on an in-shell basis. ⁴Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. NASS, Crops Branch, (202) 720-2127.

Table 9-24.—Fruits and nuts: Production and value, United States, 2017–2018

Crop	Total production		Value of utilized production	
	2017	2018	2017	2018
	1,000 tons ¹	1,000 tons ¹	1,000 dollars	1,000 dollars
Noncitrus fruits:				
Apples, Commercial	5,776.9	5,128.5	3,601,447	3,013,713
Apricots	45.7	39.6	44,556	48,465
Avocados	187.7	185.8	392,012	400,354
Bananas (Hawaii) ²	3.3	.....	6,028	.....
Blackberries Cultivated (Oregon) ²	20.1	.....	31,115	.....
Blueberries Cultivated	259.3	281.2	815,908	797,295
Blueberries Wild (Maine)	33.9	25.2	17,561	23,155
Boysenberries (Oregon) ²	1.0	.....	1,693	.....
Cherries, Sweet	437.6	344.4	891,652	637,700
Cherries, Tart	129.8	149.2	56,868	56,635
Coffee	12.7	13.7	43,774	50,160
Cranberries	419.7	446.3	252,088	222,440
Dates	43.3	41.1	150,959	152,175
Figs (California) ²	31.2	.....	28,568	.....
Grapes	7,383.9	7,596.0	6,507,849	6,615,121
Kiwifruit (California)	33.6	37.8	34,860	32,886
Nectarines	141.9	120.5	128,255	104,626
Olives (California)	192.3	53.6	186,649	40,523
Papayas (Hawaii)	12.8	5.2	9,400	5,702
Peaches	700.8	651.5	599,862	511,226
Pears	737.5	805.5	519,290	428,940
Plums (California)	117.9	100.0	114,897	92,570
Prunes (California)	325.5	279.6	207,900	194,832
Raspberries	113.4	109.4	493,945	367,001
Strawberries ³	1,360.4	1,428.9	2,895,813	2,670,523
Tree Nuts:				
Almonds, shelled (California) ⁴	1,892.5	1,872.5	5,603,950	5,468,040
Hazelnuts, in-shell (Oregon) ⁵	(NA)	(NA)	73,600	91,800
Macadamia, in-shell (Hawaii) ⁵	(NA)	(NA)	53,900	42,007
Pecans, in-shell ⁵	(NA)	(NA)	709,218	425,331
Pistachios, in-shell (California) ⁵	(NA)	(NA)	1,014,507	2,615,550
Walnuts, in-shell (California) ⁵	(NA)	(NA)	1,568,700	878,800
Citrus fruits³:				
Grapefruit	698	509	256,917	207,970
Lemons	882	888	763,446	715,761
Oranges	5,088	3,875	1,943,678	1,830,445
Tangerines and mandarins	1,029	804	568,084	575,976

(NA) Not available. ¹Tons refers to the 2,000 lb. short Tons. ²Estimates discontinued in 2018. ³Value of production is packinghouse-door equivalent. ⁴Value is based on the edible portion of the crop only. ⁵Only utilized production estimated.

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

Table 9-25.—Vegetables, commercial: Area harvested and yield, United States, 2017–2018

Crop	Total area harvested		Total yield per harvested acre		
	2017	2018	Unit	2017	2018
	<i>Acres</i>	<i>Acres</i>			
Artichokes	7,200	6,900	Cwt	130.0	145.0
Asparagus	26,300	21,700	Cwt	32.0	36.0
Beans, lima	24,100	23,750	Cwt	27.8	28.7
Beans, snap	212,100	221,500	Cwt	85.2	79.4
Broccoli	128,600	113,900	Cwt	158.5	151.7
Cabbage	60,600	54,200	Cwt	393.2	359.9
Cantaloups	63,250	60,700	Cwt	243.4	240.6
Carrots	75,900	79,800	Cwt	408.4	413.8
Cauliflower	45,800	43,900	Cwt	198.1	211.5
Celery	31,800	30,200	Cwt	505.9	589.4
Corn, sweet	464,600	473,100	Cwt	162.9	154.9
Cucumbers	117,200	110,900	Cwt	161.4	139.3
Garlic	33,000	32,800	Cwt	155.0	175.0
Honeydews	11,600	14,900	Cwt	290.0	310.0
Lettuce					
Head	140,700	120,300	Cwt	351.1	337.2
Leaf	67,200	69,300	Cwt	203.5	162.7
Romaine	117,400	99,600	Cwt	309.3	293.5
Onions	151,500	130,200	Cwt	543.8	556.1
Pea, green	134,200	131,100	Cwt	44.8	38.7
Peppers, bell	42,200	39,700	Cwt	341.0	324.8
Peppers, chile	16,000	14,200	Cwt	208.5	187.7
Pumpkins	72,300	65,900	Cwt	220.2	228.5
Spinach	64,730	61,450	Cwt	125.0	138.0
Squash	45,900	44,800	Cwt	174.5	165.0
Tomatoes	310,500	321,900	Cwt	791.2	863.8
Watermelons	107,800	111,400	Cwt	378.3	350.5

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

Table 9-26.—Vegetables, commercial: Production and value, United States, 2017–2018

Crop	Total production			Total value of utilized production	
	Unit	2017	2018	2017	2018
		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Artichokes	Cwt	936.0	1,000.5	65,520	63,032
Asparagus	Cwt	841.1	781.8	100,672	87,584
Beans, lima	Cwt	671.0	681.7	19,493	21,622
Beans, snap	Cwt	18,076.3	17,595.2	349,445	363,506
Broccoli	Cwt	20,384.0	17,273.0	925,716	738,527
Cabbage	Cwt	23,826.0	19,507.5	431,307	409,446
Cantaloups	Cwt	15,394.8	14,607.0	295,975	331,542
Carrots	Cwt	31,001.0	33,018.0	696,129	731,504
Cauliflower	Cwt	9,074.5	9,286.0	415,737	425,350
Celery	Cwt	16,089.0	17,799.0	322,047	444,013
Corn, sweet	Cwt	75,674.4	73,279.7	892,179	858,862
Cucumbers	Cwt	18,912.8	15,450.4	392,013	332,867
Garlic	Cwt	5,115.0	5,740.0	390,021	452,599
Honeydews	Cwt	3,364.0	4,619.0	94,192	90,532
Lettuce					
Head	Cwt	49,395.5	40,561.0	1,774,522	1,219,857
Leaf	Cwt	13,675.0	11,277.0	833,077	585,299
Romaine	Cwt	36,308.0	29,233.0	1,628,136	901,186
Onions	Cwt	82,389.0	72,409.0	1,042,090	817,496
Pea, green	Cwt	6,012.4	5,071.0	85,475	64,901
Peppers, bell	Cwt	14,390.0	12,895.0	625,577	533,307
Peppers, chile	Cwt	3,336.0	2,665.0	113,562	94,767
Pumpkins	Cwt	15,919.6	15,058.4	196,541	190,162
Spinach	Cwt	8,090.6	8,480.5	470,860	422,879
Squash	Cwt	8,009.1	7,392.5	235,613	192,922
Tomatoes	Cwt	245,654.5	278,071.0	1,677,960	1,856,280
Watermelons	Cwt	40,781.5	39,045.0	594,033	656,655

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

Table 9-27.—Livestock and livestock products: Production and value, United States, 2016–2018

Product	Production ¹			Value of production		
	2016	2017	2018	2016	2017	2018
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Eggs	103,202	107,242	109,192	6,591,359	7,635,359	10,586,262
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves	42,694,001	44,197,461	46,318,583	48,572,501	50,398,374	49,844,530
Hogs	35,898,712	36,962,875	38,829,022	17,363,044	19,159,248	19,060,203
Broilers ²	54,259,100	55,573,900	56,791,100	25,935,852	30,232,203	31,746,230
Mature chickens	1,060,677	1,001,386	1,019,695	87,949	46,999	49,364
Turkeys ³	7,486,978	7,544,391	7,598,289	6,184,247	4,873,677	3,875,131
Milk	212,451,000	215,527,000	217,575,000	34,712,099	38,119,254	35,411,485
Catfish ^{3,4}	320,174	342,241	358,604	385,985	379,713	360,401
Trout ^{3,4}	60,933	55,709	49,772	113,904	120,302	110,554
Honey	162,246	148,980	152,348	343,962	334,166	333,482
Wool (shorn)	25,795	24,810	24.00	37,423	36,774	42,772
Mohair	800	740	755	3,650	3,661	3,963

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

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

Table 9-28.—Farm product prices: Marketing year average prices received by farmers; Parity prices, United States, 2017–2018

Commodity	Unit	Marketing year average price ¹		Parity price ²	
		2017	2018	2017	2018
		Dollars	Dollars	Dollars	Dollars
Basic commodities:					
Cotton:					
Upland	pound	0.686	0.703	1.93	2
Extra long staple(American Pima)	pound	1.39	1.15	3.83	3.99
Wheat	bushel	4.72	5.16	17.7	17.6
Rice	cwt	12.9	12.3	39.5	39.9
Corn	bushel	3.36	3.61	13	13.2
Peanuts	pound	0.229	0.215	0.663	0.675
Tobacco:					
Flue-cured, types (class 1)	pound	2.004	1.933	5.21	5.46
Types 21	pound	(NA)	(NA)	(NA)	(NA)
Burley, type 31	pound	1.935	1.96	5.13	5.34
Maryland, type 32 ³	pound	1.8	1.8	4.9	5.05
Dark air-cured, types 35–36	pound	(NA)	(NA)	(NA)	(NA)
Sun-cured, type 37	pound	(NA)	(NA)	(NA)	(NA)
Pa., seedleaf, type 41	pound	2.36	2.14	5.5	5.78
Cigar binder type 51	pound	(NA)	(NA)	(NA)	(NA)
Puerto Rican filler, type 46	pound	(NA)	(NA)	(NA)	(NA)
Cigar wrapper, type 61	pound	(NA)	(NA)	(NA)	(NA)
Designated nonbasic commodities:					
All milk, sold to plants	cwt	17.69	16.28	51.9	52.2
Honey, all	pound	2.200	2.166	4.72	5.14
Wool and mohair:					
Wool ⁴	pound	1.48	1.75	3.63	3.87
Mohair ⁵	pound	4.95	5.25	11.4	11.9
Other nonbasic commodities:					
Field crops and miscellaneous:					
Austrian winter peas	cwt	12.7	16.4	(NA)	(NA)
Barley	bushel	4.47	4.62	14.3	14.9
Beans, dry edible	cwt	26.7	25.4	93.3	96
Cottonseed	ton	142	155	591	593
Crude pine gum	barrel	(NA)	(NA)	400	408
Flaxseed	bushel	9.53	(NA)	33.1	33.8
Hay, all, baled	ton	142	166	424	431
Hops	pound	5.6	5.46	10.6	11.6
Lentils	cwt	25.9	17.7	73.5	77.8
Oats	bushel	2.59	2.66	8.41	8.57
Peas, dry edible	cwt	11.8	10.5	54.5	55.5
Peppermint oil	pounds	18.3	19.8	58.8	60.8
Popcorn, shelled basis	cwt	(NA)	(NA)	52.1	53.1
Potatoes	cwt	9.17	8.9	24.6	(NA)
Rye	bushel	4.7	6.27	18.2	18.5
Sorghum grain	cwt	5.75	5.82	22.2	22.3
Soybeans	bushel	9.33	8.48	31.4	32.6
Spearmint oil	pound	16.2	16.8	49	50.8
Sweet potatoes	cwt	18.4	23.2	59.3	60.5
Fruits:					
Citrus (equiv. on-tree): ⁶					
Grapefruit	box	12.48	14.24	19.2	21.7
Lemons	box	28.5	26.03	50.4	54.9
Oranges	box	13.32	16.86	25.4	26.7
Tangerines	box	18.76	25.39	51.6	53.7
Deciduous and other:					
Apples:					
For fresh consumption ⁷	pound	0.407	0.394	0.98	1.03
For processing ⁸	ton	248	206	545	575
Apricots:					
For fresh consumption ⁹	ton	1,400	1,540	3400	3,400
Dried, California (dried basis) ⁸	ton	(D)	(D)	7630	8,750
For processing (excl dried) ⁸	ton	(NA)	(NA)	1160	1,230
Avocados ⁹	ton	2,110	2,190	5100	5,370

See footnote(s) at end of table.

Table 9-28.—Farm product prices: Marketing year average prices received by farmers; Parity prices, United States, 2017–2018—Continued

Commodity	Unit	Marketing year average price ¹		Parity price ²	
		2017	2018	2017	2018
		Dollars	Dollars	Dollars	Dollars
Deciduous and other—Continued					
Berries for processing:					
Blackberries (Oregon)	pound	0.692	.....	17.90	18.20
Boysenberries (Oregon)	pound	0.835	.....	2.54	2.58
Gooseberries	pound	.....	.....	1.07	1.09
Loganberries (Oregon)	pound	.....	.....	1.73	1.76
Raspberries, black (California, Oregon & Washington)	pound	.....	.....	3.05	3.11
Raspberries, red (California, Oregon & Washington)	pound	.....	.....	2.42	2.47
Cherries:					
Sweet	ton	2,060	1,860	5,930	6,250
Tart	pound	0.224	0.196	0.922	0.939
Cranberries ¹⁰	barrel	30.20	25.10	121	119
Dates ⁹	ton	3,510	3,800	4,260	4,230
Grapes:					
For all sales	ton	881	871	.....	.....
Raisin varieties dried, California (dried basis) ⁸	ton	1,840	.....	4,090	4,110
Wine dried grapes	ton	928	.....	1,860	2,010
Kiwi	ton	1,050	870	2,780	3,050
Nectarines					
For fresh consumption ¹⁷	ton	943	(D)	1,830	1,970
For processing ¹⁸	ton	144	(D)	121	124
Olives (California): ¹¹					
For all sales	ton	974	766	.....	.....
Crushed for oil	ton	810	566	1,690	1,800
For all sales (excl crushed)	ton	.....	.....	2,520	2,610
For canning	ton	1,320	1,270	2,790	2,910
Papayas	pound	0.422	0.554	1.15	1.20
Peaches:					
For all sales	ton	864	801	.....	.....
For fresh consumption ⁷	ton	1,350	1,250	2,490	2,660
Dried, California (dried basis) ⁸	ton	(NA)	.....	1,320	1,280
For processing California (excl dried):					
Clingstone ¹¹	ton	474	480	980	1,060
Freestone ⁸	ton	393	410	798	869
Pears:					
For all sales	ton	710	536	.....	.....
For fresh consumption ⁷	ton	875	610	1,670	1,770
For processing (excl dried) ⁸	ton	384	367	.....	.....
Plums (California):					
For all sales ⁹	ton	1,000	935	.....	.....
For fresh consumption ¹⁷	ton	(D)	(D)	1,840	1,910
For processing ¹⁸	ton	(D)	(D)	.....	.....
Prunes, dried (California) ⁸	ton	1,980	.....	4,520	4,700
Prunes and plums (excl California):					
For fresh consumption ¹²	ton	.....	.....	1,760	1,800
For processing (excl dried) ⁸	ton	.....	.....	686	699
Strawberries:					
For fresh consumption ¹³	cwt	125	106	253	282
For processing ⁸	cwt	37.20	43.60	101	106
Sugar crops:					
Sugarbeets	ton	41.2	35.5	150	150
Sugarcane for sugar	ton	31	33.4	99.70	102
Tree nuts: ¹⁴					
Almonds	pound	2.53	2.44	6.60	6.93
Hazelnuts	ton	2,300	1,800	6,250	6,840
Macadamia	pound	1.10	1.19	.....	.....
Pecans, all	pound	2.33	1.75	4.98	(NA)
Pistachios	pound	1.69	2.65	6.63	6.93
Walnuts	ton	2,490	1,300	6,680	6,870

See footnote(s) at end of table.

Table 9-28.—Farm product prices: Marketing year average prices received by farmers; Parity prices, United States, 2017–2018—Continued

Commodity	Unit	Marketing year average price ¹		Parity price ²	
		2017	2018	2017	2018
		Dollars	Dollars	Dollars	Dollars
Vegetables for fresh market:¹³					
Artichokes, California	cwt	70	63	131	134
Asparagus	cwt	132	122	323	335
Broccoli	cwt	46	43.1	111	115
Cabbage	cwt	19.8	22.9	39.8	40.5
Cantaloups	cwt	19.2	22.7	61.4	62.5
Carrots ¹⁵	cwt	30.2	27.3	78.7	81.9
Cauliflower ¹⁵	cwt	46.8	46.1	130	135
Celery ¹⁵	cwt	20.5	25.9	58.8	58.1
Cucumbers	cwt	29.4	28.6	65.7	66.9
Eggplant	cwt	(NA)	(NA)	69.4	70.7
Escarole/Endive	cwt	(NA)	(NA)	89.3	91
Garlic	cwt	184	190	84.4	86
Green peppers ¹⁵	cwt	48.7	44.3	104	106
Honeydew melons	cwt	28	19.6	55.6	59.3
Lettuce	cwt	35.9	30.1	66.3	71.3
Onions ¹⁵	cwt	14.4	13.5	39.8	41.4
Snap beans	cwt	57.1	59.8	130	132
Spinach	cwt	68.8	59	114	116
Sweet corn	cwt	29.2	29.3	76.3	79.8
Tomatoes	cwt	36.8	41.5	116	119
Watermelons	cwt	14.8	16.9	24.4	24.8
Vegetables for processing:⁸					
Asparagus	ton	1570	1,580	42100	4,340
Beets	ton	(NA)	(NA)	224	229
Cabbage	ton	202	123	173	176
Cucumbers	ton	352	352	(NA)	(NA)
Green peas	ton	250	251	977	989
Lima beans	ton	561	625	19300	1,970
Snap beans	ton	188	182	645	660
Spinach	ton	196	197	418	426
Sweet corn	ton	78.5	79.7	305	311
Tomatoes	ton	82.7	81.5	235	243
Livestock and livestock products:					
All beef cattle	cwt	120	115	320	335
Cows	cwt	69.1	62.6	(NA)	(NA)
Steers and heifers	cwt	122	117	(NA)	(NA)
Calves	cwt	168	170	464	484
Beeswax	pound	(NA)	(NA)	(NA)	(NA)
Chickens:					
Broilers, live ¹⁸	pound	0.545	0.567	1.44	1.5
All Eggs	dozen	0.863	1.15	2.94	2.96
Hogs	cwt	53.1	50.2	161	166
Lambs	cwt	(NA)	(NA)	(NA)	(NA)
Milk cows ¹⁶	head	1,620	1,360	(NA)	(NA)
Sheep	cwt	(NA)	(NA)	(NA)	(NA)
Turkeys, live	pound	0.645	0.51	187	194

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. ¹Unless otherwise noted, these prices are for marketing year average or calendar year average computed by weighing State prices by quantities sold, or by production for those commodities for which the production is sold. ²Parity prices are for January of the year shown as published in the January issue of Agricultural Prices. ³Previous year. ⁴Average local market price for wool sold excluding incentive payment. ⁵Average local market price for mohair sold excluding incentive payment. ⁶Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. ⁷Equivalent packinghouse-door returns for California, Oregon (pears only), Washington, and New York (apples only), and prices as sold for other States. ⁸Equivalent returns at processing plant-door. ⁹Equivalent returns at packinghouse-door. ¹⁰Weighted 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. ¹¹Equivalent per unit returns for bulk fruit at first delivery point. ¹²Average price as sold. ¹³FOB shipping point when available. Weighted average of prices at points of first sale. ¹⁴Prices are in-shell basis except almonds which are shelled basis. ¹⁵Includes some processing. ¹⁶Simple average of States weighted by estimated Jan. 1 head for U.S. average. ¹⁷Prices for fresh and processing breakdown no longer published to avoid disclosure of individual operations. ¹⁸Live weight equivalent price. NASS, Environmental, Economics, and Demographics Branch (202) 720-6146.

Table 9-29.—Producer prices: Index numbers, by groups of commodities, United States, 2009–2018
[1982=100]

Year	Total finished goods	Consumer foods	Personal consumption goods ¹	Total intermediate materials	Unprocessed Goods for intermediate demand ²
2009	172.5	175.5	179.1	172.5	175.2
2010	179.8	182.4	189.1	183.4	212.2
2011	190.7	193.9	203.3	199.8	249.4
2012	194.3	199.1	207.5	200.7	241.4
2013	196.7	203.5	210.3	200.8	246.7
2014	200.4	212.5	214.7	201.9	249.3
2015	193.9	209.7	204.4	188.0	189.1
2016	191.9	204.6	201.3	182.2	173.4
2017	198.0	207.2	209.2	190.7	190.8
2018	204.1	207.4	216.8	200.9	200.1

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

Table 9-30.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 2008–2018¹
[1910–14=100]

Year	Food grain	Feed grain	Cotton	Tobacco	Oilseed	Fruit & tree nut ²	Vegetable & melon	Other crop
2008	820	1,010	515	1,409	1,107	1,038	1,076	604
2009	590	579	416	1,569	971	977	1,153	609
2010	560	587	601	1,557	944	1,031	1,161	622
2011	758	902	745	1,497	1,225	1,162	1,224	645
2012	779	1,010	673	1,576	1,356	1,339	1,040	649
2013 ³	759	943	651	1,760	1,343	1,311	1,330	645

Year	Potato & dry edible bean	Crop Production	Meat animal	Dairy	Poultry & egg	Livestock Production	Agricultural Production	Parity ratio ⁴
2009	761	747	1,075	790	390	857	832	35
2010	708	690	1,256	1,000	427	1,002	850	35
2011	867	872	1,540	1,239	422	1,161	1,032	38
2012	846	933	1,633	1,140	459	1,190	1,083	38
2013	901	922	1,669	1,230	515	1,260	1,104	38
2014	(3)	805	(3)	(3)	(3)	1,495	1,113	37
2015	(3)	759	(3)	(3)	(3)	1,317	1,024	34
2016	(3)	752	(3)	(3)	(3)	1,096	935	32
2017	(3)	752	(3)	(3)	(3)	1,160	963	33
2018	(3)	609	(3)	(3)	(3)	1,095	938	32

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 2011 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent 5-year period. For example, 2013 indexes use quantities sold for the period 2007–11. Then, the 2011 indexes are used to adjust the 1910–14 base period. ² Fresh market for noncitrus, and fresh market and processing for citrus. ³ Data series discontinued after 2013. ⁴ Ratio of Index of Prices Received to the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates.

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

Table 9-31.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 2009–2018¹
(2011=100)

Year	Food grain	Feed grain	Cotton ²	Tobacco ²	Oilseed	Fruit & tree nut ³	Vegetable & melon	Other crop
2009	78.5	65.1	55.9	99.7	83.5	83.9	102.8	94.1
2010	74.4	66.0	80.6	98.9	81.2	88.5	103.5	95.9
2011	100.0	100.0	.....	.....	100.0	100.0	100.0	100.0
2012	103.8	110.8	.....	.....	111.9	112.4	91.9	102.7
2013	101.5	102.4	.....	.....	111.6	119.1	103.8	100.5
2014	90.4	69.1	.....	.....	98.8	136.3	103.3	94.7
2015	75.5	62.7	.....	.....	76.0	138.6	108.8	84.3
2016	62.1	58.6	.....	.....	75.0	138.8	103.9	79.1
2017	65.5	56.5	.....	.....	75.1	133.8	113.6	81.5
2018	74.8	58.3	.....	.....	73.5	132.4	107.3	88.5

Year	Potato ⁴ & dry edible bean ⁵	Crop Production	Meat animal	Dairy product	Poultry & egg	Livestock Production	Agricultural Production	Parity ratio ⁶
2009	88.3	85.7	73.8	63.7	93	69.9	80.6	92
2010	82.1	87.0	85.7	80.7	101.6	81.6	86.8	96
2011	100.0	100	100.0	100	100	100	100
2012	107.0	102.5	92.1	109	103.9	105	100
2013	105.7	108.5	99.8	123.3	106.8	107	100
2014	92.3	128.7	119.2	133.1	131.1	107.9	96
2015	87.0	113.4	85.2	127.8	119.8	99.2	90
2016	86.2	94.4	81.1	100.4	97.9	90.6	85
2017	86.8	99.9	87.8	107.5	100.5	93.3	87
2018	86.8	94.3	80.9	116.3	95.8	90.9	83

¹ These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 2011 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 2013 indexes use quantities sold for the period 2007–11. ² Included in Other crop index group beginning in 2010. ³ Fresh market for noncitrus, and fresh market and processing for citrus. ⁴ Included in Vegetable and melon index group beginning 2010. ⁵ Included in Food grain index group beginning 2010. ⁶ Ratio of Index of Prices Received (2011=100) to Index of Prices Paid by Farmers for Commodities & Services, Interest, Taxes, and Wage Rates (2007–11=100).

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

Table 9-32.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 2009–2018
(2011=100)

Production indexes ¹										
Year	Production all commodities	Feed	Livestock & Poultry	Seeds	Fertilizer	Agricultural chemicals	Fuels	Supplies & Repairs	Autos & trucks	
2009	84.8	82.5	74.6	90.1	83.8	102.5	63.1	94.3	94.9	
2010	87.7	79.7	86.0	93.4	76.8	99.5	78.3	96.1	97.3	
2011	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2012	105.4	115.3	106.6	105.5	101.4	105.4	99.3	102.9	101.9	
2013	107.4	117.5	108.3	110.2	96.7	108.5	98.4	103.8	103.4	
2014	114.1	114.9	153.6	113.5	94.5	109.5	97.9	105.7	104.4	
2015	112.0	106.1	147.1	124.6	87.2	106.5	63.5	105.8	105.5	
2016	104.7	101.4	105.2	121.4	71.8	107.7	55.6	106.0	106.0	
2017	104.5	94.8	107.0	119.9	66.2	104.0	63.2	107.9	106.0	
2018	106.4	99.9	105.8	118.5	66.7	100.7	71.1	111.6	105.5	

Production indexes ¹ - continued										
Year	Farm machinery	Building materials	Farm services	Rent	Interest	Taxes	Wage rates	Production, interest, taxes, & wage rates	Family living	Commodities, interest, taxes, & wage rates ²
2009	91.2	95.4	95.3	89.6	94.2	91.9	97.9	86.4	95.4	87.3
2010	94.3	96.6	98.1	92.6	91.6	95.9	98.9	89.0	96.9	90.0
2011	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2012	105.3	102.6	101.8	101.7	99.3	101.0	102.9	104.8	102.1	104.4
2013	108.1	104.6	105.5	105.6	93.3	103.4	106.3	106.7	103.6	106.3
2014	112.0	106.9	109.1	114.2	93.1	116.3	108.0	113.1	105.3	112.0
2015	114.6	107.4	113.7	130.3	98.4	109.9	111.9	111.6	105.4	110.7
2016	115.4	107.6	115.6	123.8	103.9	114.7	115.9	105.8	106.7	105.9
2017	117.7	110.4	112.4	123.8	111.9	116.3	119.1	106.3	109.0	106.6
2018	120.0	116.1	114.5	119.5	117.6	117.1	126.3	108.7	111.7	109.1

¹ Annual price index computed using annual weights. Base period (2011=100) are now being published to one decimal digit. ² Family Living component included.

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

Table 9-33.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 2009–2018¹
[1910–14=100]

Year	Family living	Production indexes							
		Production all commodities	Feed	Livestock & poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies & repairs
2009	2,038	1,766	909	1,472	2,960	1,009	921	1,765	1,113
2010	2,071	1,825	879	1,698	3,070	925	893	2,191	1,134
2011	2,136	2,082	1,102	1,974	3,286	1,204	898	2,797	1,180
2012	2,181	2,193	1,270	2,104	3,468	1,221	946	2,779	1,214
2013	2,213	2,237	1,295	2,137	3,622	1,164	974	2,752	1,225
2014	2,249	2,376	1,266	3,032	3,729	1,138	983	2,739	1,247
2015	2,252	2,331	1,168	2,904	4,096	1,050	957	1,775	1,248
2016	2,280	2,179	1,118	2,076	3,990	864	967	1,556	1,251
2017	2,328	2,175	1,045	2,113	3,940	797	934	1,768	1,272
2018	2,385	2,214	1,100	2,089	3,893	803	904	1,988	1,316

Year	Production indexes—Continued				Interest	Taxes	Wage rates	Production, interest, taxes, & wage rates	Commodities, interest, taxes, & wage rates ²
	Autos & trucks	Farm machinery	Building materials	Farm services & rent					
2009	2,917	5,575	2,218	1,976	3,436	5,453	7,007	2,435	2,364
2010	2,992	5,762	2,248	2,036	3,339	5,694	7,079	2,509	2,434
2011	3,074	6,111	2,326	2,123	3,646	5,935	7,161	2,820	2,706
2012	3,131	6,432	2,387	2,162	3,620	5,993	7,366	2,954	2,824
2013	3,179	6,609	2,434	2,241	3,402	6,137	7,607	3,010	2,877
2014	3,209	6,845	2,486	2,360	3,394	6,904	7,731	3,190	3,031
2015	3,243	7,003	2,497	2,554	3,587	6,520	8,015	3,146	2,996
2016	3,259	7,051	2,504	2,524	3,789	6,808	8,295	2,983	2,866
2017	3,259	7,190	2,569	2,486	4,082	6,904	8,529	2,996	2,885
2018	3,242	7,329	2,700	2,474	4,288	6,952	9,047	3,066	2,954

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

Table 9-34.—Grazing fees: Rates for cattle by selected States and regions, 2017–2018

State	Monthly lease rates for private non-irrigated grazing land ¹					
	Animal unit ²		Cow-calf		Per head	
	2017	2018	2017	2018	2017	2018
	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>
Arizona	9.50	10.00	(S)	(S)	(S)	(S)
California	20.60	22.40	28.00	29.00	19.50	21.00
Colorado	19.00	19.50	23.00	23.00	18.00	18.50
Idaho	18.00	18.00	22.00	22.50	18.50	19.00
Kansas	21.00	21.00	27.00	27.00	24.50	22.00
Montana	24.50	24.50	27.00	26.00	24.00	24.50
Nebraska	39.80	46.00	45.00	52.00	39.00	35.00
Nevada	9.90	9.50	18.10	(S)	15.50	15.20
New Mexico	15.50	16.00	(S)	(S)	16.00	16.50
North Dakota	19.00	24.50	23.00	32.00	19.00	19.00
Oklahoma	12.50	12.50	(S)	(S)	11.50	13.00
Oregon	16.50	17.50	19.50	21.00	19.50	21.50
South Dakota	31.50	31.50	39.00	40.50	35.00	34.00
Texas	12.50	12.50	(S)	(S)	11.50	14.50
Utah	16.50	17.00	20.00	19.00	18.50	18.50
Washington	14.00	14.50	16.50	16.50	16.00	16.00
Wyoming	21.50	22.00	23.50	24.00	22.00	23.00
17-State ³	20.20	21.30	23.70	25.20	20.60	21.00
16-State ⁴	22.60	24.00	26.40	28.40	23.40	23.00
11-State ⁵	19.30	19.70	22.80	22.80	19.80	20.50
9-State ⁶	20.50	21.70	23.80	25.70	20.70	21.00

(S) Insufficient number of reports to establish an estimate. ¹The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Cattle Survey. ²Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf *0.833). ³Seventeen Western States: All States listed. ⁴Sixteen Western States: All States, except Texas. ⁵Eleven Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. ⁶Nine Great Plains States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas and Wyoming.

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

Table 9-35.—Agricultural commodities: Support prices per unit, United States, 2014–2018¹

Commodity	Unit	2014 ²	2015	2016	2017	2018
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Basic commodities:						
Corn:						
Target/reference price	Bushel	3.70	3.70	3.70	3.70	3.70
Loan rate	do	1.95	1.95	1.95	1.95	1.95
Cotton:						
American upland:						
Target price	Cwt	(NA)	(NA)	(NA)	(NA)	(NA)
Loan rate	do	52.00	52.00	52.00	49.49	52.00
Extra-long staple:						
Target price	do	(NA)	(NA)	(NA)	(NA)	(NA)
Loan rate	do	79.77	79.77	79.77	79.77	79.77
Peanuts:						
Target/reference price	Short tons	535.00	535.00	535.00	535.00	535.00
Loan rate	do	355.00	355.00	355.00	355.00	355.00
Rice:						
Target/reference price ³	Cwt	14.00	14.00	14.00	14.00	14.00
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target/reference price	Bushel	5.50	5.50	5.50	5.50	5.50
Loan rate	do	2.94	2.94	2.94	2.94	2.94
Barley:						
Target/reference price	Bushel	4.95	4.95	4.95	4.95	4.95
Loan rate	do	1.95	1.95	1.95	1.95	1.95
Sorghum grain:						
Target/reference price	Cwt	7.05	7.05	7.05	7.05	7.05
Loan rate	do	3.48	3.48	3.48	3.48	3.48
Oats:						
Target/reference price	Bushel	2.40	2.40	2.40	2.40	2.40
Loan rate	do	1.39	1.39	1.39	1.39	1.39
Other oilseeds: ⁴						
Target/reference price	Cwt	20.15	20.15	20.15	20.15	20.15
Loan rate	do	10.09	10.09	10.09	10.09	10.09
Soybeans:						
Target/reference price	Bushel	8.40	8.40	8.40	8.40	8.40
Loan rate	do	5.00	5.00	5.00	5.00	5.00
Dry Peas:						
Target/reference price	Cwt	11.00	11.00	11.00	11.00	11.00
Loan rate	do	5.40	5.40	5.40	5.40	5.40
Small chick peas:						
Target/reference price	Cwt	19.04	19.04	19.04	19.04	19.04
Loan rate	do	7.43	7.43	7.43	7.43	7.43
Large chick peas:						
Target/reference price	Cwt	21.54	21.54	21.54	21.54	21.54
Loan rate	do	11.28	11.28	11.28	11.28	11.28
Lentils:						
Target/reference price	do	19.97	19.97	19.97	19.97	19.97
Loan rate	do	11.28	11.28	11.28	11.28	11.28
Sugar, raw cane:						
Loan rate	Pound	0.188	0.188	0.188	0.188	0.188
Sugar, refined beet:						
Loan rate	do	0.241	0.241	0.241	0.241	0.241
Honey, extracted:						
Loan rate	Pound	0.69	0.69	0.69	0.69	0.69
Mohair:						
Loan rate	do	4.20	4.20	4.20	4.20	4.20
Wool, graded:						
Loan rate	Pound	1.15	1.15	1.15	1.15	1.15
Wool, nongraded:						
Loan rate	Pound	0.40	0.40	0.40	0.40	0.40
Milk for manufacturing: ⁵						
Support price	Cwt	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available. ¹ National averages during the marketing years for the individual crops. ² Target price is applicable for crop years 2012-2013 and reference price is applicable beginning with crop year 2014. ³ Target and reference price shown is for long grain and medium (including short) grain rice. The reference price for temperate japonica rice is \$16.10 per Cwt beginning with crop year 2014. The loan rate for temperate japonica is the same as for other types of rice, at 6.50 per cwt. ⁴ Other oilseeds are flaxseed, sunflower seed (oil and other types), safflower, rapeseed, canola, mustard seed, crambe, and sesame seed. ⁵ Effective support price calculated from product prices specified in 2008 Farm Bill, effective January 1, 2008. The Dairy Product Price Support Program expired December 31, 2013. FPAC-FSA, Loan Making Division, (202) 690-4006.

Table 9-36.—Farm income: Cash receipts by commodity groups and selected commodities, United States, 2014–2018¹

Commodity	2014	2015	2016	2017	2018
	Thousand dollars				
All commodities	424,216,010	377,072,444	357,855,275	371,431,220	372,899,822
Livestock and products	212,799,230	189,468,909	162,829,730	176,034,295	175,268,484
Cattle and calves	81,478,368	78,128,981	63,672,844	67,351,377	66,510,424
Hogs	26,517,815	20,623,942	19,038,623	21,072,898	20,181,367
Sheep and lambs	(NA)	(NA)	(NA)	(NA)	(NA)
Dairy products	49,352,950	35,732,794	34,538,700	37,937,689	35,064,026
Broilers	32,728,234	28,716,398	25,935,852	30,229,700	32,280,115
Farm chickens	96,151	103,206	87,423	46,674	49,384
Chicken eggs	10,257,972	13,608,194	6,514,074	7,551,021	10,135,673
Turkeys	5,304,501	5,707,928	6,184,247	4,841,545	3,815,409
Miscellaneous livestock	7,063,239	6,847,466	6,857,968	7,003,390	7,232,086
Crops	211,426,948	187,619,974	195,001,740	195,396,925	197,631,338
Food grains	16,046,130	12,281,732	11,273,172	11,202,413	11,679,520
Feed crops	65,887,223	56,928,704	55,442,001	54,255,031	56,568,259
Cotton	7,111,320	4,756,100	5,496,518	7,958,702	7,815,473
Tobacco	1,717,774	1,607,985	1,337,821	1,378,695	1,247,564
Oil crops	42,619,119	35,513,420	44,043,505	41,207,593	42,240,723
Vegetables	18,870,335	20,281,406	18,996,236	19,723,146	18,459,872
Fruits/nuts	31,930,824	28,417,919	29,991,875	31,145,042	30,381,540
All other crops	27,244,224	27,832,707	28,420,611	28,526,304	29,238,387

Data as of March 6, 2019. (NA) Not available ¹USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for individual commodities, computed as the sum of the reported States, may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous". The degree of underestimation in some of the minor commodities can be substantial.

ERS, Farm Income Team, (202) 694-5344. FarmIncomeTeam@ers.usda.gov. <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>.

Table 9-37.—Farm income: United States, 2014–2018

Item	2014	2015	2016	2017	2018
	Thousand dollars				
Total gross farm income	483.1	440.5	411.7	429.5	433.0
Value of production	473.4	429.7	398.7	417.9	419.2
Crops	206.0	184.0	188.6	189.6	188.5
Livestock and product	214.4	194.2	165.6	177.3	176.4
Services and forestry	52.9	51.5	44.5	51.0	54.3
Direct government payments	9.8	10.8	13.0	11.5	13.8
Total production expenses ¹	391.1	359.4	350.2	354.3	369.8
Net farm income	92.0	81.1	61.5	75.2	63.1
Gross cash income	470.6	422.3	398.7	415.8	421.6
Cash expenses	339.0	315.9	303.8	314.8	330.3
Net cash income	131.6	106.3	94.9	101.0	91.4

Data as of March 6, 2019. ¹Includes expenses associated with operator dwellings.
ERS, Farm Income Team, (202) 694-5344. FarmIncomeTeam@ers.usda.gov. <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>.

Table 9-38.—Expenses: Farm production expenses, United States, 2015–2018

Item	2015	2016	2017	2018
Thousand dollars				
Total production expenses ¹	359,440,347	350,219,741	354,277,464	369,827,260
Feed purchased	58,538,814	55,636,890	55,236,625	58,311,974
Livestock and poultry purchased	30,374,285	22,063,968	28,377,831	28,721,552
Seed purchased	21,323,225	21,823,770	22,224,206	22,031,377
Fertilizer and lime	25,544,606	23,541,108	22,038,484	22,122,980
Pesticides	14,629,651	15,230,869	15,531,478	15,538,668
Fuel and oil	13,166,472	12,155,180	12,872,344	15,138,634
Electricity	5,722,547	5,585,083	5,806,507	5,899,755
Other ²	66,511,167	65,592,758	68,522,002	70,913,260
Interest ¹	16,382,490	17,337,685	18,687,579	21,956,267
Contract and hired labor expenses	32,102,649	34,425,216	35,436,036	38,069,072
Net rent to landlords ³	20,071,518	19,459,885	18,378,016	19,126,814
Capital consumption ¹	41,555,938	44,736,351	37,385,366	37,326,457
Property taxes ¹	13,516,985	12,630,978	13,780,990	14,670,449

¹ Includes expenses associated with operator dwellings. ² Includes repair and maintenance, machine hire and custom work, marketing, storage and transportation, insurance premiums, and miscellaneous other expenses. ³ Data includes landlord capital consumption.
 ERS, Farm Income Team, (202) 694-5344. FarmIncomeTeam@ers.usda.gov. <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>. Data as of March 6, 2019.

Table 9-39.—Principal farm operator household finances, United States, 2015–2018

Item	2015	2016	2017	2018
Number of family farms	2,032,300	2,027,269	1,989,574	1,979,368
Income, median dollars per household				
Farm income	(765)	(940)	(1,036)	(1,840)
Off-farm income	67,500	66,468	67,500	65,841
Earned income	38,270	40,000	42,851	37,500
Unearned income	25,013	24,962	19,000	20,404
Household income	76,735	76,250	74,950	72,092
U.S. household income ¹	56,516	59,039	61,372	(NA)
Income, average dollars per household				
Farm income	24,740	24,731	21,830	17,103
Off-farm income	95,140	93,187	89,914	93,786
Earned income	65,814	65,680	61,506	65,596
Unearned income	29,326	27,506	28,408	28,190
Household income	119,880	117,918	111,744	110,888
U.S. household income ¹	79,263	83,143	86,220	(NA)

(NA) Not available. ¹ Estimates of U.S. Household Income are produced by the U.S. Census Bureau, Current Population Reports, p60-263, *Income and Poverty in the United States: 2017 (and earlier editions)*.
 ERS, Farm Economy Branch, farmincometeam@ERS.usda.gov. Source: USDA, Economic Research Service and National Agricultural Statistics Service, 2014-2018 Agricultural Resource Management Survey. Data as of August 30, 2019.