

CHAPTER III

STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

Table 3-1.—Cottonseed: All cotton harvested area and cottonseed production, farm disposition, marketing year average price per ton received by farmers, and value, United States, 2009–2018

Year	Harvested area of all cotton	Cottonseed				
		Production	Farm disposition		Marketing year average price ²	Value of production
			Sales to oil mills	Other ¹		
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars/tons	1,000 dollars
2009	7,533.7	4,148.8	2,277.9	1,870.9	158.00	670,027
2010	10,698.7	6,096.1	3,252.9	2,843.2	161.00	988,656
2011	9,460.9	5,370.0	2,695.0	2,675.0	260.00	1,413,343
2012	9,321.8	5,666.0	2,985.0	2,681.0	252.00	1,456,245
2013	7,539.4	4,203.0	2,070.0	2,133.0	246.00	1,054,003
2014	9,351.8	5,125.0	2,459.0	2,666.0	194.00	1,015,607
2015	8,074.9	4,043.0	1,916.0	2,127.0	227.00	932,894
2016	9,507.8	5,369.0	2,921.0	2,448.0	195.00	1,055,924
2017	11,100.4	6,422.0	3,059.0	3,363.0	142.00	911,925
2018	10,205.8	5,631.0	2,435.0	3,196.0	152.00	896,048

¹ Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses. ² 2018 based on monthly prices received from August 1, 2018 - December 31, 2018.
NASS, Crops Branch, (202) 720–2127.

Table 3-2.—Cottonseed: Production and farm disposition, by State and United States, 2017 and 2018

State	Production		Farm disposition				Seed for planting ¹	
	2017	2018	Sales to oil mills		Other ²		2017	2018
			2017	2018	2017	2018		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Alabama	204.0	254.0	26.0	43.0	178.0	211.0	2.6	3.1
Arizona	171.0	156.0	.....	3.0	171.0	153.0	1.3	1.1
Arkansas	351.0	366.0	238.0	268.0	113.0	98.0	3.0	3.7
California	323.0	342.0	84.0	62.0	239.0	280.0	2.3	2.0
Florida	44.0	27.0	35.0	26.0	9.0	1.0	0.6	0.5
Georgia	638.0	546.0	279.0	202.0	359.0	344.0	7.2	6.5
Kansas	58.0	106.0	12.0	.....	46.0	106.0	0.7	0.9
Louisiana	127.0	135.0	108.0	107.0	19.0	28.0	1.1	1.6
Mississippi	432.0	451.0	295.0	240.0	137.0	211.0	3.9	4.4
Missouri	255.0	310.0	179.0	150.0	76.0	160.0	1.9	2.1
New Mexico	40.0	42.0	.....	.....	40.0	42.0	0.5	0.5
North Carolina	217.0	224.0	7.0	10.0	210.0	214.0	2.8	3.1
Oklahoma	294.0	197.0	190.0	124.0	104.0	73.0	3.7	4.0
South Carolina	134.0	117.0	44.0	30.0	90.0	87.0	1.6	1.5
Tennessee	230.0	219.0	184.0	175.0	46.0	44.0	2.2	2.3
Texas	2,852.0	2,088.0	1,378.0	995.0	1,474.0	1,093.0	40.7	41.6
Virginia	52.0	51.0	.....	.....	52.0	51.0	0.5	0.6
United States	6,422.0	5,631.0	3,059.0	2,435.0	3,363.0	3,196.0	76.6	79.5

¹ Included in "other" farm disposition. Seed for planting is produced in crop year shown, but used in the following year. ² Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.
NASS, Crops Branch, (202) 720–2127.

Table 3-3.—Cottonseed: Marketing year average price per ton and value of production, by State and United States, crop of 2016–2018

State	Marketing year average price per ton			Value of production		
	2016	2017	2018 ¹	2016	2017	2018 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama	176.00	118.00	117.00	36,432	24,072	29,601
Arizona	241.00	183.00	201.00	33,258	31,293	31,557
Arkansas	209.00	152.00	153.00	57,475	53,352	57,987
California	276.00	226.00	264.00	77,556	72,998	89,496
Florida	157.00	100.00	110.00	8,635	4,400	3,740
Georgia	167.00	116.00	112.00	102,872	74,008	61,488
Kansas	(D)	170.00	175.00	(D)	9,860	18,550
Louisiana	203.00	160.00	146.00	17,458	20,320	19,126
Mississippi	194.00	156.00	156.00	67,512	67,392	71,448
Missouri	212.00	152.00	154.00	41,976	38,760	45,892
New Mexico	238.00	164.00	200.00	7,854	6,560	8,000
North Carolina	184.00	118.00	127.00	18,216	25,606	26,035
Oklahoma	172.00	116.00	140.00	33,024	34,104	32,480
South Carolina	175.00	133.00	122.00	10,498	16,685	15,860
Tennessee	211.00	137.00	143.00	40,301	31,510	36,894
Texas	194.00	138.00	157.00	490,432	393,576	341,000
Virginia	(D)	121.00	130.00	(D)	6,292	6,890
Other States ²	206.00	146.00	.....	10,498	17,822	.....
United States	195.00	142.00	152.00	1,055,924	911,925	896,048

(D) Withheld to avoid disclosing data for individual operations. ¹ Based on monthly prices received from August 1, 2018 - December 31, 2018. ² Includes data withheld above.
 NASS, Crops Branch, (202) 720-2127.

Table 3-4.—Cottonseed: Crushings, output of products and product prices, United States, 2009–2018

Year beginning August	Quantity crushed	Cottonseed products and prices			
		Oil		Cake and meal	
		Quantity	Price ¹	Quantity	Price ²
	<i>1,000 tons</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>
2009	1,901	617	40.27	883	220.90
2010	2,563	835	54.50	1,163	273.84
2011	2,400	755	53.22	1,090	275.13
2012	2,500	800	48.60	1,125	331.52
2013	2,000	630	60.66	900	377.51
2014	1,900	610	45.74	855	304.27
2015	1,500	465	45.87	705	261.19
2016	1,769	542	40.92	805	208.61
2017	1,854	561	31.87	845	260.88
2018	1,900	590	33.0-36.0	855	225-265

¹ Tanks, f.o.b. Valley Points. ² 41 percent protein, solvent, Memphis.
 ERS, Field Crops Branch, (202) 694-5300. Compiled from annual reports of the U.S. Department of Commerce.

Table 3-5.—International meal, cottonseed: Production in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
China	3,321	4,116	4,116
India	3,787	4,301	3,974
Brazil	995	1,310	1,763
Pakistan	1,349	1,465	1,420
United States	731	766	767
Turkey	572	710	732
Uzbekistan	628	651	563
Australia	338	386	328
Mexico	150	245	263
Mali	158	167	172
Benin	98	145	166
Turkmenistan	205	205	144
Burma	130	141	134
European Union	103	130	130
Burkina	111	116	106

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-6.—Cottonseed, Cottonseed oil, and cottonseed cake and meal: United States exports by country of destination, 2016–2018

Country of destination	2016	2017	2018
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cottonseed:			
Korea, South	39,268	123,769	131,097
Mexico	99,730	120,085	95,329
Saudi Arabia	45,071	77,740	82,694
Japan	13,337	53,872	63,678
United Arab Emirates	695	6,784	11,432
Morocco	400	4,228	6,194
Qatar	0	1,259	4,872
Canada	742	2,477	3,366
China	0	0	2,330
Jordan	381	1,740	1,576
Oman	576	1,292	1,145
Indonesia	0	988	894
Bangladesh	0	519	824
Italy(*)	0	686	745
United Kingdom	0	0	744
Lebanon	0	302	639
Philippines	0	0	420
Taiwan	0	258	325
Vietnam	0	0	50
Colombia	17	8	6
Trinidad and Tobago	7	1	5
Ireland	0	0	3
Panama	5	0	1
Guatemala	7	0	1
Costa Rica	42	19	0
World Total	200,278	396,075	408,369
Cottonseed oil:			
Mexico	19,599	22,013	17,089
Australia(*)	1,872	4,347	9,742
Malaysia	201	7,350	8,100
Canada	3,474	5,141	6,230
Libya	0	0	5,440
Egypt	0	0	3,150
India	101	261	1,857
South Africa	3,929	0	1,159
Japan	474	591	1,101
Singapore	1	467	326
Thailand	0	59	108
Portugal	127	133	71
Brazil	37	32	65
Belgium-Luxembourg(*)	0	0	56
Korea, South	512	0	43
Argentina	0	8	38
Chile	1	0	29
Hungary	0	0	26
Turkey	1	29	20
United Kingdom	64	0	9
Bahamas, The	4	2	5
Costa Rica	19	0	2
Colombia	0	0	1
Germany(*)	0	0	1
United Arab Emirates	27	24	0
Belize	0	5	0
Guatemala	311	207	0
World Total	30,837	41,770	54,667

(*) Denotes a country that is a summarization of its component countries.
 FAS, Office of Global Analysis, (202) 720-6301. Data Source: U.S. Census Bureau Trade Data

Table 3-7.—International oilseed, cottonseed: Area and production in specified countries, 2016/2017–2018/2019

Country	Area			Production		
	2016/2017	2017/2018	2018/2019	2016/2017	2017/2018	2018/2019
	<i>1,000 hectares</i>			<i>1,000 metric tons</i>		
India	10,850	12,450	12,250	11,463	12,312	11,038
China	2,900	3,400	3,500	8,800	10,800	10,875
United States	3,848	4,492	4,130	4,871	5,826	5,108
Brazil	940	1,175	1,595	2,298	3,019	4,191
Pakistan	2,500	2,700	2,400	3,336	3,552	3,336
Turkey	400	470	520	1,050	1,300	1,350
Uzbekistan	1,180	1,250	1,100	1,400	1,512	1,293
Australia	580	530	300	1,250	1,442	721
Mexico	104	210	238	260	530	574
European Union	273	295	312	418	487	550
Benin	420	530	650	284	376	463
Argentina	240	320	380	278	277	414
Mali	655	705	720	351	396	356
Turkmenistan	545	545	545	518	525	356
Cameroon	225	225	250	235	250	300
Burma	244	249	240	285	310	295
Sudan	96	180	180	185	243	255
Burkina	700	850	640	362	331	254
Cote d'Ivoire	345	327	392	172	215	234
Tanzania	400	350	500	85	101	186
Tajikistan	165	185	180	168	180	176
Egypt	55	91	141	52	91	152
Azerbaijan	52	130	130	59	133	148
Kazakhstan	115	125	128	112	117	129
Togo	135	160	185	91	100	109
Uganda	73	80	75	109	153	105
Nigeria	275	270	270	99	102	102

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-8.—International oil, cottonseed: Production in specified countries, 2016/2017–2018/2019¹

Country	2016/2017	2017/2018	2018/2019
	<i>1,000 metric tons</i>		
China	1,115	1,382	1,382
India	1,166	1,325	1,225
Brazil	336	440	592
Pakistan	445	484	468
Turkey	187	232	239
United States	246	255	238
Uzbekistan	222	230	199
Australia	117	133	113
Mexico	57	93	100
Mali	53	58	61
Benin	33	48	56
Turkmenistan	77	77	54
Burma	46	50	48
European Union	35	44	44
Burkina	34	36	33
Cameroon	27	28	30
Egypt	8	14	23
Tajikistan	20	21	23
Sudan	14	18	21
Tanzania	11	13	21
Kazakhstan	18	19	20
Korea, South	24	20	20
Argentina	9	16	18
South Africa	6	14	17

¹ Year beginning July 1.
FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-9.—Flaxseed: Area, yield, production, disposition, and value, United States, 2009–2018

Year	Area planted	Area harvested	Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	317	314	23.6	7,423	8.15	60,373
2010	421	418	21.7	9,056	12.20	110,251
2011	178	173	16.1	2,791	13.90	38,570
2012	349	336	17.3	5,798	13.80	79,919
2013	181	172	19.5	3,356	13.80	46,325
2014	311	302	21.1	6,368	11.80	75,077
2015	463	456	22.1	10,095	8.95	90,561
2016	374	366	23.7	8,656	8.00	69,352
2017	303	272	14.1	3,842	9.53	36,340
2018	208	198	22.6	4,466	9.75	43,072

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

Table 3-10.—Flaxseed: Area, yield, and production, by State and United States, 2016–2018

State	Area planted			Area harvested		
	2016	2017	2018	2016	2018	2017
	<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>
Montana	29	52	39	28	38	37
North Dakota	335	245	165	329	229	158
South Dakota	10	6	4	9	5	3
United States	374	303	208	366	272	198

State	Yield per harvested acre			Production		
	2016	2017	2018	2016	2017	2018
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Montana	22.0	9.0	17.0	616	342	629
North Dakota	24.0	15.0	24.0	7,896	3,435	3,792
South Dakota	16.0	13.0	15.0	144	65	45
United States	23.7	14.1	22.6	8,656	3,842	4,466

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

Table 3-11.—Flaxseed: Marketing year average price and value of production, by State and United States, 2016–2018

State	Marketing year average price per bushel			Value of production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Montana	8.04	8.73	9.00	4,953	2,986	5,661
North Dakota	8.00	9.53	9.75	63,168	32,736	36,972
South Dakota	8.55	9.50	9.75	1,231	618	439
United States	8.00	9.53	9.75	69,352	36,340	43,072

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

Table 3-12.—Flaxseed: Support operations, United States, 2012–2018

Marketing year beginning June 1	Income support payment rates per bushels ¹	Program price levels per bushel		Put under loan		Acquired by CCC under loan program ⁴	Owned by CCC at end of marketing year
		Loan ²	Target/Reference ³	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
2012/2013	0.45/0.00	5.65	7.10	26.8	0.5	0	0
2013/2014	0.45/0.00	5.65	7.10	10.7	0.3	0	0
2014/2015	0.00	5.65	11.28	37.5	0.6	0	0
2015/2016	2.33	5.65	11.28	269.6	2.7	0	0
2016/2017	3.28	5.65	11.28	236.1	2.7	0	0
2017/2018	1.75	5.65	11.28	76.8	1.9	0	0
2018/2019	1.47	5.65	11.28	81.4	1.8	0	0

¹The first entry is the direct payment rate and the second entry is the counter-cyclical payment rate for 2004/2005-2013/2014. For 2009/2010-2013/2014, producers who participated in the Average Crop Revenue (ACRE) program got a 20 percent reduction in their direct payment, not calculated in this table. For 2014/2015 and after, the entry is the price loss coverage payment rate. For 2017/2018, projected PLC payment rate is based on March 2018 WASDE MY price. Agricultural Risk Coverage (ARC) is also available, but payment rates are established at the county or farm levels. ²For 2009/2010-2013/2014, producers who participated in the ACRE program get a 30 percent reduction in their loan rate, not calculated in this table. ³Target applies to 2003/2004-2013/2014 and Reference applies beginning with 2014/2015. ⁴Acquisitions as of September 30, 2019.

FPAC-BC, Commodity Analysis Branch.

Table 3-13.—Flaxseed: Supply and disappearance, United States, 2009–2018

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings ¹	Total domestic disappearance ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
2009	2,552	7,423	6,283	16,258	341	1,752	12,000	14,701
2010	1,557	9,056	6,040	16,653	144	2,130	11,635	14,483
2011	2,170	2,791	8,286	13,247	279	654	10,500	12,127
2012	1,120	5,798	6,928	13,846	147	1,020	11,000	12,922
2013	924	3,356	6,759	11,039	252	599	8,700	10,276
2014	763	6,368	7,464	14,595	375	528	11,850	13,787
2015	808	10,095	4,481	15,339	303	870	10,700	12,425
2016	2,914	8,656	3,091	14,661	245	1,332	10,500	12,491
2017	2,170	3,842	5,125	11,137	168	480	9,000	10,337
2018 ³	1,629	4,466	5,524	11,619	162	335	9,300	10,819

¹From domestic and imported seed. ²Total supply minus exports and stocks June 1 of following year. ³Forecast. ERS, Field Crops Branch, (202) 694-5300.

Table 3-14.—Flaxseed and linseed oil and meal: Average price Minneapolis, 2009–2018

Year	Average price received by farmers per bushel	Minneapolis	
		Oil, per pound ¹	Linseed meal, per ton ²
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
2009	8.15	86.52	217.24
2010	12.20	67.49	223.23
2011	13.90	(NA)	238.35
2012	13.80	(NA)	320.13
2013	13.80	(NA)	359.42
2014	11.80	(NA)	263.90
2015	8.95	(NA)	234.78
2016	8.00	(NA)	313.17
2017	9.53	(NA)	236.92
2018 ³	9.25-10.25	(NA)	195-235

(NA) Not available. ¹ Raw oil in tank cars. ² Bulk carlots, 34 percent protein. ³ Forecast.
ERS, Field Crops Branch, (202) 694-5300.

Table 3-15.—Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 2009–2018

Year beginning June	Total flaxseed crushed	Linseed oil			Linseed cake and meal		
		Stocks June 1	Production	Exports	Production	Imports for consumption	Exports
	<i>1,000 bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
2009	12,000	73	234	103	216	3	10
2010	11,635	37	227	101	209	7	7
2011	10,500	38	205	89	189	8	3
2012	11,000	35	215	94	198	6	5
2013	8,700	35	170	58	157	1	6
2014	11,850	35	231	52	213	3	4
2015	10,700	35	209	17	193	7	4
2016	10,500	35	205	15	189	6	5
2017	9,000	35	176	14	162	7	3
2018 ¹	9,300	35	181	23	167	10	4

¹ Forecast.
ERS, Field Crops Branch, (202) 694-5300.

Table 3-16.—Peanuts: Area, yield, production, disposition, marketing year average price per pound received by farmers, and value, United States, 2009–2018

Year	Area planted	Peanuts for nuts				
		Area harvested	Yield per acre	Production ¹	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
2009	1,116.0	1,079.0	3,421	3,691,650	24.0	793,147
2010	1,288.0	1,255.0	3,312	4,156,840	21.0	938,611
2011	1,140.6	1,080.6	3,386	3,658,590	25.0	1,168,587
2012	1,638.0	1,604.0	4,211	6,753,880	34.0	2,026,326
2013	1,067.0	1,043.0	4,001	4,173,170	27.0	1,055,095
2014	1,353.5	1,322.5	3,923	5,188,665	23.0	1,158,251
2015	1,625.0	1,560.9	3,845	6,001,357	21.3	1,160,560
2016	1,671.0	1,536.0	3,634	5,581,570	19.7	1,088,165
2017	1,871.6	1,775.6	4,074	7,115,410	21.0	1,634,017
2018	1,425.5	1,368.5	3,991	5,461,600	21.5	1,155,709

¹ Estimates comprised of quota and non-quota peanuts.
NASS, Crops Branch, (202) 720-2127.

Table 3-17.—Peanuts, farmer stock: Stocks, production, and quantity milled, United States, 2009–2018

Year beginning August	Stocks Aug. 1 ¹	Production harvested for nuts ¹	Imports	Total supply	Milled ^{1,2}
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
2009	1,359,950	3,691,650	1,243	5,052,843	3,930,088
2010	991,394	4,156,840	163	5,148,397	3,976,460
2011	769,016	3,658,590	1,299	4,428,905	3,949,494
2012	272,838	6,753,880	3,117	7,029,835	4,979,182
2013	1,924,996	4,173,170	169	6,098,335	4,955,484
2014	1,059,524	5,188,665	7	6,248,196	4,775,454
2015	1,445,310	6,001,357	287	7,446,954	4,998,028
2016	1,051,096	5,581,570	113	6,632,779	4,699,164
2017	732,966	7,115,410	171	7,966,566	4,448,304
2018	1,916,798	5,461,600	107	7,378,398	4,498,876

¹ Net weight basis. ² Includes peanuts milled for seed.
NASS, Crops Branch, (202) 720-2127, ERS, and Foreign trade from the Bureau of the Census.

Table 3-18.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 2009–2018

Year beginning August	Peanuts crushed (shelled basis)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 ¹	Production of crude	Imports	Exports ²	Stocks Aug. 1 ³	Production
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
2009	326,779	4,491	139,903	73,184	10,764	3,792	185,452
2010	441,017	6,888	190,110	60,012	15,923	7,045	250,043
2011	453,835	6,836	188,479	28,290	15,646	9,959	250,037
2012	493,835	2,478	210,702	10,360	12,598	10,446	270,328
2013	497,272	(NA)	209,808	55,265	8,940	(NA)	268,554
2014	506,677	(NA)	214,041	30,174	18,840	(NA)	278,380
2015	531,770	2,667	226,219	93,314	10,253	3,197	291,193
2016	659,966	4,868	283,689	40,446	12,148	5,460	357,751
2017	528,750	10,646	231,748	71,354	10,943	8,750	282,346
2018	486,398	9,250	219,334	58,844	9,384	4,552	255,683

(NA) Not available. ¹ Crude plus refined. ² Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting. ³ Holding at producing mills only.
NASS, Crops Branch, (202) 720-2127, ERS, and Foreign trade from the Bureau of the Census.

Table 3-19.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 2009–2018

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
2009	60,487	257,414	1,243	319,144	55,430	210,785	0.69
2010	52,929	268,956	163	322,048	78,693	184,385	0.60
2011	58,970	226,481	1,299	286,750	66,819	179,965	0.58
2012	39,966	323,731	3,117	366,814	194,821	100,098	0.32
2013	71,895	323,607	169	395,671	143,921	178,597	0.56
2014	73,153	248,170	7	321,330	168,504	112,491	0.35
2015	40,335	251,484	287	292,106	418,066	(157,559)	(0.49)
2016	31,599	230,537	113	262,249	183,423	46,348	0.14
2017	32,478	225,475	171	257,953	159,790	43,054	0.13
2018	55,533	188,223	107	243,756	140,540	47,683	0.14

NASS, Crops Branch, (202) 720-2127, ERS, and Foreign trade from the Bureau of the Census.

Table 3-20.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 2009–2018

Year beginning August	Supply						Exports	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
2009	511,261	22,320	2,547,434	280,888	49,454	3,411,357	402,732	326,779
2010	554,295	35,498	2,450,639	357,130	46,031	3,443,593	395,554	441,017
2011	473,878	43,380	2,399,094	345,565	163,852	3,425,769	352,994	453,835
2012	466,310	52,883	3,125,786	351,284	72,871	4,069,134	741,109	493,205
2013	547,965	33,883	3,098,392	373,008	60,760	4,114,008	708,391	497,272
2014	519,824	25,364	2,997,078	391,728	64,342	3,998,336	675,930	506,677
2015	431,674	31,012	3,141,099	442,650	62,620	4,109,055	839,203	531,770
2016	467,139	65,350	2,944,760	448,377	112,152	4,037,778	851,628	659,966
2017	482,010	26,372	2,853,147	358,282	122,653	3,842,464	810,359	528,750
2018	535,730	24,232	2,932,229	368,168	78,396	3,938,755	784,553	486,398

NASS, Crops Branch, (202) 720-2127, ERS, and Foreign trade from the U.S. Bureau of the Census.

Table 3-21.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts, United States, 2009–2018

Type and year beginning August	Edible grades used in products					Apparent disappearance ²
	Peanut butter ¹	Peanut snack	Peanut candy	Other products	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Virginia and Valencia:						
2009	³	50,812	17,361	³	198,497	.....
2010	³	62,708	16,070	³	211,194	.....
2011	³	78,333	17,856	³	203,958	.....
2012	82,981	83,722	17,731	8,452	192,888	.....
2013	86,759	85,298	17,109	13,373	202,536	.....
2014	102,340	91,909	12,079	26,440	232,768	.....
2015	108,156	89,766	14,319	26,258	238,494	.....
2016	118,109	92,331	13,427	23,606	247,473	.....
2017	129,823	84,479	15,455	28,998	258,754	.....
2018	120,939	81,418	15,589	18,753	236,696	.....
Runner:						
2009	1,056,699	290,358	286,277	13,120	1,646,454	.....
2010	1,076,521	319,529	365,260	13,036	1,774,346	.....
2011	1,091,541	303,631	360,797	14,840	1,770,809	.....
2012	1,143,108	309,860	347,428	12,195	1,812,591	.....
2013	1,128,206	337,934	³	³	1,844,490	.....
2014	1,196,277	329,930	348,367	26,737	1,901,311	.....
2015	1,186,810	408,726	346,831	35,128	1,977,495	.....
2016	1,215,212	370,766	379,549	33,156	1,998,683	.....
2017	1,179,186	434,139	346,985	66,943	2,027,254	.....
2018	1,213,018	380,165	349,081	93,897	2,036,161	.....
Spanish:						
2009	³	11,793	11,957	³	31,269	.....
2010	³	12,940	14,122	³	35,207	.....
2011	³	8,104	16,025	³	27,390	.....
2012	³	6,847	16,755	³	25,389	.....
2013	³	6,564	15,996	³	³	.....
2014	³	6,638	15,410	³	27,188	.....
2015	³	7,200	16,355	³	28,225	.....
2016	³	7,195	14,725	³	26,801	.....
2017	³	6,227	17,064	³	28,851	.....
2018	³	6,093	16,266	³	30,840	.....
All types:						
2009	1,191,821	352,963	315,595	15,840	1,876,219	2,682,110
2010	1,213,229	395,177	395,452	16,890	2,020,748	2,880,304
2011	1,197,748	390,068	394,678	19,661	2,002,155	2,742,724
2012	1,227,859	400,429	381,914	20,664	2,030,866	3,417,047
2013	1,218,170	429,796	395,726	29,103	2,072,795	3,508,060
2014	1,303,755	428,477	375,856	53,179	2,161,267	3,471,308
2015	1,299,634	505,692	377,505	61,388	2,244,219	3,513,946
2016	1,338,195	470,292	407,701	56,769	2,272,957	3,417,244
2017	1,314,567	524,845	379,504	95,943	2,843,609	3,159,849
2018	1,342,437	467,676	380,936	112,651	2,790,098	3,296,059

¹ Excludes peanut butter made by manufacturers for own use in candy. Includes peanut butter used in spreads, sandwiches, and cookies. ² Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year. Includes edible grades and oilstocks. ³ Not published to avoid disclosure of individual operations. NASS, Crops Branch, (202) 720-2127, and ERS.

Table 3-22.—Peanuts: Area, yield, and production, by State and United States, 2016–2018

State	Area planted			Peanuts for nuts		
	2016	2017	2018	Area harvested		
				2016	2017	2018
	<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>
Alabama	175.0	195.0	165.0	172.0	193.0	162.0
Arkansas	24.0	30.0	26.0	23.0	29.0	23.0
Florida	155.0	195.0	155.0	146.0	185.0	140.0
Georgia	720.0	835.0	665.0	706.0	825.0	650.0
Mississippi	39.0	44.0	25.0	38.0	43.0	24.0
New Mexico	8.0	7.6	5.5	8.0	7.6	5.5
North Carolina	101.0	119.0	102.0	99.0	117.0	98.0
Oklahoma	13.0	22.0	16.0	12.0	21.0	15.0
South Carolina	110.0	122.0	87.0	106.0	118.0	82.0
Texas	305.0	275.0	155.0	205.0	210.0	145.0
Virginia	21.0	27.0	24.0	21.0	27.0	24.0
United States	1,671.0	1,871.6	1,425.5	1,536.0	1,775.6	1,368.5

State	Peanuts for nuts					
	Yield per harvested acre			Production		
	2016	2017	2018	2016	2017	2018
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alabama	3,600	3,650	3,400	619,200	704,450	550,800
Arkansas	4,800	5,300	5,000	110,400	153,700	115,000
Florida	3,800	3,450	3,600	554,800	638,250	504,000
Georgia	3,900	4,330	4,450	2,753,400	3,572,250	2,892,500
Mississippi	4,000	4,000	4,000	152,000	172,000	96,000
New Mexico	2,800	3,500	3,000	22,400	26,600	16,500
North Carolina	3,530	4,100	3,900	349,470	479,700	382,200
Oklahoma	3,700	3,780	3,100	44,400	79,380	46,500
South Carolina	3,200	4,000	3,400	339,200	472,000	278,800
Texas	2,730	3,320	3,300	559,650	697,200	478,500
Virginia	3,650	4,550	4,200	76,650	122,850	100,800
United States	3,634	4,007	3,991	5,581,570	7,115,410	5,461,600

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

Table 3-23.—Peanuts: Marketing year average price, and value of production, by State and United States, 2016–2018

State	Marketing year average price per pound			Value of production		
	2016	2017	2018	2016	2017	2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama	0.197	0.221	.208	121,982	155,683	118,422
Arkansas	0.185	0.212	.190	20,424	32,277	22,195
Florida	0.193	0.229	.207	107,076	146,159	107,856
Georgia	0.186	0.221	.205	512,132	789,467	578,500
Mississippi	0.182	0.206	.202	27,664	35,432	19,584
New Mexico	0.200	0.289	.292	4,480	7,687	4,901
North Carolina	0.213	0.237	.230	74,437	113,689	90,581
Oklahoma	0.211	0.250	.234	9,368	19,845	11,067
South Carolina	0.192	0.224	.217	65,126	105,728	60,500
Texas	0.232	0.286	.275	129,839	199,399	119,625
Virginia	0.204	0.239	.221	15,637	28,651	22,478
United States	0.197	0.229	.215	1,088,165	1,634,017	1,155,709

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

Table 3-24.—Peanuts, farmer's stock: Support operations, United States, 2012–2018

Marketing year beginning August 1	Income support payment rates per short ton ¹	Program price levels per short ton		Put under support		Acquired by CCC under loan program	Owned by CCC at end of marketing year
		Loan ²	Target/Reference ³	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 short tons</i>	<i>Percent</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>
2012/2013	36.00/0.00	355.00	495.00	2,640	78.2	55.9	0.0
2013/2014	36.00/0.00	355.00	495.00	1,452	69.6	6.1	2.5
2014/2015	95.00	355.00	535.00	2,123	81.8	173.2	6.8
2015/2016	149.00	355.00	535.00	2,233	74.4	0.0	0.0
2016/2017	141.00	355.00	535.00	2,270	79.9	39.1	0.0
2017/2018	77.00	355.00	535.00	2,735	75.6	121.7	0.0
2018/2019	105.00	355.00	535.00	2,340	85.7	42.0	0.0

¹The first entry is the direct payment rate and the second entry is the counter-cyclical payment rate for 2004/2005-2013/2014. The 2014 Act eliminated direct payments and replaced the counter-cyclical rate with a new reference price. For 2009/2010-2013/2014, producers who participated in the Average Crop Revenue (ACRE) program got a 20 percent reduction in their direct payment, not calculated in this table. For 2014/2015 and after, the entry is the price loss coverage payment rate. For 2017/2018, projected PLC payment rate is based on March 2018 WASDE MY price. Agricultural Risk Coverage (ARC) is also available, but payment rates are established at the county or farm levels. ²For 2009/2010-2013/2014, producers who participate in the ACRE program get a 30 percent reduction in their loan rate, not calculated in this table. ³Target applies to 2003/2004-2013/2014 and Reference applies beginning with 2014/2015. ⁴Acquisitions as of September 30, 2019. FPAC-BC, Commodity Analysis Branch.

Table 3-25.—International oilseed, peanut: Area and production in specified countries, 2016/2017–2018/2019

Country	Area			Production		
	2016/2017	2017/2018	2018/2019	2016/2017	2017/2018	2018/2019
	<i>1,000 hectares</i>			<i>1,000 metric tons</i>		
China	4,448	4,608	4,560	16,361	17,092	17,000
India	5,339	4,925	4,700	6,924	6,650	4,700
Nigeria	2,680	2,820	2,820	3,582	4,248	4,422
Sudan	2,315	2,215	3,065	1,826	1,648	2,884
United States	622	719	554	2,532	3,228	2,477
Senegal	1,151	1,254	1,250	945	1,412	1,450
Burma	885	885	885	1,375	1,375	1,375
Argentina	324	382	320	1,288	867	1,246
Tanzania	1,000	1,000	1,000	1,100	1,100	1,100
Indonesia	600	580	570	1,120	1,075	1,025
Chad	791	768	770	871	870	890
Guinea	670	670	680	535	696	770
Cameroon	454	430	430	748	600	600
Niger	771	922	925	454	462	592
Ghana	336	338	335	417	434	520

FAS, Office of Global Analysis, (202) 720–6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-26.—International meal, peanut: Production in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
	<i>1,000 metric tons</i>		
China	3,380	3,580	3,490
India	1,596	1,638	1,323
Burma	325	325	325
Sudan	259	259	268
Nigeria	245	245	245
Tanzania	170	170	170
Argentina	122	117	120
United States	162	128	118
Burkina Faso	90	90	90
Senegal	54	76	90
Chad	84	84	84
Brazil	66	73	62
Cameroon	57	57	57
Niger	54	54	54
Congo (Kinshasa)	50	50	50

FAS, Office of Global Analysis, (202) 720–6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-27.—Soybeans: Area, yield, production, and value, United States, 2009–2018

Year	Area planted	Soybeans for beans				
		Area harvested	Yield per acre	Production	Marketing year average price per bushel received by farmers	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	77,451	76,372	44.0	3,360,931	9.59	32,163,204
2010	77,404	76,610	43.5	3,331,306	11.30	37,571,277
2011	75,046	73,776	42.0	3,097,179	12.50	38,542,177
2012	77,198	76,144	40.0	3,042,044	14.40	43,723,144
2013	76,820	76,233	44.0	3,357,004	13.00	43,570,161
2014	83,296	82,611	47.5	3,928,070	10.10	39,484,465
2015	82,660	81,742	48.0	3,926,779	8.95	35,195,882
2016	83,453	82,706	51.9	4,296,496	9.47	40,694,573
2017	90,142	89,542	49.3	4,411,633	9.33	41,308,740
2018	89,196	88,110	51.6	4,543,883	8.60	39,133,978

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

Table 3-28.—Soybeans: Stocks on and off farms, United States, 2009–2018

Year beginning previous December	On farms				Off farms ¹			
	Dec. 1	Mar. 1	June 1	Sep. 1 ²	Dec. 1	Mar. 1	June 1	Sep. 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
2009	1,229,500	656,500	226,300	35,100	1,109,050	645,289	369,859	103,098
2010	1,091,000	609,200	232,600	35,400	1,187,084	660,868	338,523	115,485
2011	1,139,000	505,000	217,700	48,500	1,230,885	743,800	401,583	166,513
2012	910,000	555,000	179,000	38,250	1,056,161	819,488	488,465	131,120
2013	955,000	456,700	171,100	39,550	1,198,621	541,320	263,564	101,007
2014	1,218,000	381,900	109,100	21,325	1,309,744	611,928	295,945	70,666
2015	1,308,500	609,200	246,300	49,700	1,405,577	717,399	380,768	140,910
2016	1,335,000	727,500	281,300	41,560	1,564,056	803,406	590,481	155,169
2017	1,485,000	668,500	332,500	87,900	1,675,679	1,070,433	633,356	213,695
2018	1,935,000	855,000	377,000	101,000	1,810,824	1,254,303	842,329	337,105

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors. ² Old crop only. NASS, Crops Branch, (202) 720-2127.

Table 3-29.—Soybeans, soybean meal, and oil: Average price at specified markets, 2009–2018

Year ¹	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, f.o.b. Decatur	Soybean meal per short ton: 48 percent protein Decatur
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
2009	9.91	35.95	311.27
2010	13.14	53.20	345.52
2011	13.49	51.90	393.53
2012	14.86	47.13	468.11
2013	13.51	38.23	489.94
2014	9.84	31.60	368.49
2015	9.54	29.86	324.56
2016	9.77	32.55	316.88
2017	9.53	30.04	345.02
2018 ²	8.89	28.5-31.5	295-335

¹ Year beginning September for soybeans and October for oil and meal. ² Forecast. ERS, Field Crops Branch, (202) 694-5300.

Table 3-30.—Soybeans: Supply and disappearance, United States, 2008–2017

Year beginning September	Supply				
	Stocks by position			Production	Total ¹
	On-Farm, Sep 1	Terminal market, interior mill, elevator, and warehouse	Beginning, Sep- Nov		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
2008	47,000	158,034	205,034	2,967,007	3,185,304
2009	35,100	103,098	138,198	3,360,931	3,513,717
2010	35,400	115,485	150,885	3,331,306	3,496,640
2011	48,500	166,513	215,013	3,097,179	3,328,324
2012	38,250	131,120	169,370	3,042,044	3,251,930
2013	39,550	101,007	140,557	3,357,004	3,569,338
2014	21,325	70,666	91,991	3,928,070	4,053,306
2015	49,700	140,910	190,610	3,926,779	4,140,930
2016	41,560	155,169	196,729	4,296,496	4,515,506
2017	87,900	213,695	301,595	4,411,633	4,735,050

Year beginning September	Disappearance			
	Crushed ²	Seed, feed and residual	Exports	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
2008	1,661,922	105,890	1,279,294	3,047,106
2009	1,751,686	112,098	1,499,048	3,362,832
2010	1,648,043	128,607	1,504,978	3,281,627
2011	1,703,019	90,684	1,365,251	3,158,954
2012	1,688,903	94,944	1,327,526	3,111,373
2013	1,733,888	104,900	1,638,559	3,477,347
2014	1,873,494	146,779	1,842,423	3,862,696
2015	1,886,237	115,325	1,942,639	3,944,201
2016	1,901,198	146,296	2,166,417	4,213,911
2017	2,054,932	551,017	2,129,101	4,735,050

¹ Includes imports. ² Reported by the U.S. Department of Commerce. ERS, Field Crops Branch, (202) 694-5300.

Table 3-31.—Soybeans: Support operations, United States, 2012–2018

Marketing year beginning September 1	Income support payment rates per bushels ¹	Program price levels per bushel		Put under loan		Acquired by CCC under loan program ⁴	Owned by CCC at end of marketing year
		Loan ²	Target/ Reference ³	Quantity	Percentage of production		
2012/2013	0.44/0.00	5.00	6.00	58	1.9	0	0
2013/2014	0.44/0.00	5.00	6.00	49	1.5	0	0
2014/2015	0.00	5.00	8.40	80	2.0	0	0
2015/2016	0.00	5.00	8.40	124	3.2	0	0
2016/2017	0.00	5.00	8.40	105	2.4	0	0
2017/2018	0.00	5.00	8.40	145	3.3	0	0
2018/2019	0.00	5.00	8.40	218	4.8	0	0

¹ The first entry is the direct payment rate and the second entry is the counter-cyclical payment rate for 2004/2005-2013/2014. For 2009/2010-2013/2014, producers who participated in the Average Crop Revenue (ACRE) program got a 20 percent reduction in their direct payment, not calculated in this table. For 2014/2015 and after, the entry is the price loss coverage (PLC) payment rate. For 2017/2018, projected PLC payment rate is based on March 2018 WASDE MY price. Agricultural Risk Coverage (ARC) is also available, but payment rates are established at the county or farm levels. ² For 2009/2010-2013/2014, producers who participated in the ACRE program got a 30 percent reduction in their loan rate, not calculated in this table. ³ Target applies to 2003/2004-2013/2014 and Reference applies beginning with 2014/2015. ⁴ Acquisitions as of September 30, 2019. FPAC-BC, Commodity Analysis Branch.

Table 3-32.—Soybeans for beans: Area, yield, and production, by State and United States, 2016–2018

State	Area planted			Area harvested		
	2016	2017	2018	2016	2017	2018
	<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>
Alabama	420	350	345	410	345	340
Arkansas	3,130	3,530	3,280	3,090	3,500	3,240
Delaware	165	160	170	163	158	168
Florida	31	15	18	29	14	12
Georgia	260	155	145	240	150	135
Illinois	10,100	10,600	10,800	10,050	10,550	10,750
Indiana	5,650	5,950	5,950	5,630	5,940	5,920
Iowa	9,500	10,000	10,000	9,440	9,940	9,910
Kansas	4,050	5,150	4,750	4,010	5,110	4,700
Kentucky	1,790	1,950	2,000	1,780	1,940	1,990
Louisiana	1,230	1,270	1,340	1,190	1,250	1,200
Maryland	520	500	520	515	495	515
Michigan	2,070	2,280	2,300	2,060	2,270	2,280
Minnesota	7,550	8,150	7,800	7,490	8,090	7,710
Mississippi	2,040	2,190	2,230	2,020	2,170	2,190
Missouri	5,600	5,950	5,850	5,540	5,910	5,800
Nebraska	5,200	5,700	5,700	5,150	5,670	5,650
New Jersey	100	100	105	98	99	103
New York	330	270	330	320	265	320
North Carolina	1,690	1,700	1,650	1,660	1,690	1,570
North Dakota	6,050	7,100	6,900	5,990	7,050	6,860
Ohio	4,850	5,100	5,000	4,840	5,090	4,980
Oklahoma	485	655	630	470	640	600
Pennsylvania	600	610	640	595	605	630
South Carolina	420	400	390	405	390	375
South Dakota	5,200	5,650	5,650	5,170	5,610	5,580
Tennessee	1,660	1,690	1,700	1,630	1,660	1,670
Texas	165	210	175	145	185	135
Virginia	610	600	600	600	590	590
West Virginia	27	27	28	26	26	27
Wisconsin	1,960	2,150	2,200	1,950	2,140	2,160
United States	83,453	90,162	89,196	82,706	89,542	88,110
State	Yield per harvested acre			Production		
	2016	2017	2018	2016	2017	2018
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Alabama	32.0	46.0	41.0	13,120	15,870	13,940
Arkansas	47.0	51.0	51.0	145,230	178,500	165,240
Delaware	41.5	51.0	42.0	6,765	8,058	7,056
Florida	36.0	34.0	38.0	1,044	476	456
Georgia	30.0	42.0	40.0	7,200	6,300	5,400
Illinois	59.0	58.0	65.0	592,950	611,900	698,750
Indiana	57.5	54.0	58.5	323,725	320,760	346,320
Iowa	60.0	57.0	57.0	566,400	566,580	564,870
Kansas	48.0	37.5	43.5	192,480	191,625	204,450
Kentucky	50.0	53.0	52.0	89,000	102,820	103,480
Louisiana	48.5	54.0	52.0	57,715	67,500	62,400
Maryland	41.5	51.0	47.5	21,373	25,245	24,463
Michigan	50.5	42.5	48.0	104,030	96,475	109,440
Minnesota	52.0	47.5	50.5	389,480	384,275	389,355
Mississippi	48.0	53.0	54.5	96,960	115,010	119,355
Missouri	49.0	49.5	45.0	271,460	292,545	261,000
Nebraska	61.0	57.5	59.0	314,150	326,025	333,350
New Jersey	36.0	45.0	40.0	3,528	4,455	4,120
New York	41.0	45.0	52.5	13,120	11,925	16,800
North Carolina	35.0	40.0	34.0	58,100	67,600	53,380
North Dakota	41.5	34.5	35.5	248,585	243,225	243,530
Ohio	54.5	49.5	58.0	263,780	251,955	288,840
Oklahoma	29.0	29.0	30.0	13,630	18,560	18,000
Pennsylvania	44.0	48.0	45.0	26,180	29,040	28,350
South Carolina	31.0	38.0	29.5	12,555	14,820	11,063
South Dakota	49.5	43.0	46.0	255,915	241,230	256,680
Tennessee	45.0	50.0	46.0	73,350	83,000	76,820
Texas	31.0	37.0	32.0	4,495	6,845	4,320
Virginia	36.0	44.0	43.0	21,600	25,960	25,370
West Virginia	51.0	54.0	53.5	1,326	1,404	1,445
Wisconsin	55.0	47.5	49.0	107,250	101,650	105,840
United States	51.9	49.3	51.6	4,296,496	4,411,633	4,543,883

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

Table 3-33.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 2008–2017

Year beginning October	Soybeans crushed	Soybean oil			Soybean cake and meal		
		Stocks Oct. 1	Production	Exports	Stocks Oct. 1	Production	Exports
	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
2008	1,661,922	2,485	18,745	2,193	294	39,102	8,497
2009	1,751,686	2,861	19,615	3,359	235	41,707	11,159
2010	1,648,043	3,406	18,888	3,233	302	39,251	9,081
2011	1,703,019	2,675	19,740	1,464	350	41,036	9,750
2012	1,688,903	2,590	19,820	2,163	300	39,875	11,146
2013	1,733,888	1,655	20,130	1,877	275	40,685	11,578
2014	1,873,494	1,165	21,399	2,014	250	45,062	13,107
2015	1,886,237	1,855	21,950	2,243	260	44,672	11,954
2016	1,901,198	1,687	22,123	2,556	264	44,787	11,580
2017 ¹	2,054,932	1,711	23,772	2,447	401	49,226	12,400

¹ Forecast.

ERS, Field Crops Branch, (202) 694–5300. Data from the U.S. Department of Commerce.

Table 3-34.—Soybeans for beans: Marketing year average price and value, by State and United States, 2016–2018

State	Marketing year average price per bushel			Value of production		
	2016	2017	2018	2016	2017	2018
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama	9.83	9.43	8.85	128,970	149,654	123,369
Arkansas	9.83	9.77	9.00	1,427,611	1,743,945	1,487,160
Delaware	9.44	9.19	8.45	63,862	74,053	59,623
Florida	8.75	8.85	8.10	9,135	4,213	3,694
Georgia	10.1	9.62	8.55	72,720	60,606	46,170
Illinois	9.78	9.60	8.95	5,799,051	5,874,240	6,253,813
Indiana	9.69	9.61	8.75	3,136,895	3,082,504	3,030,300
Iowa	9.34	9.25	8.60	5,290,176	5,240,865	4,857,882
Kansas	9.26	9.00	7.95	1,782,365	1,724,625	1,625,378
Kentucky	9.87	9.70	8.80	878,430	997,354	910,624
Louisiana	9.93	9.67	9.05	573,110	652,725	564,720
Maryland	9.33	9.20	8.45	199,410	232,254	206,712
Michigan	9.51	9.39	8.60	989,325	905,900	941,184
Minnesota	9.23	9.17	8.55	3,594,900	3,523,802	3,328,985
Mississippi	9.94	9.74	9.25	963,782	1,120,197	1,104,034
Missouri	9.60	9.48	8.60	2,606,016	2,773,327	2,244,600
Nebraska	9.18	9.08	8.30	2,883,897	2,960,307	2,766,805
New Jersey	9.59	9.30	8.00	33,834	41,432	32,960
New York	9.57	9.26	8.40	125,558	110,426	141,120
North Carolina	9.80	9.50	8.70	569,380	642,200	464,406
North Dakota	8.97	8.88	8.30	2,229,807	2,159,838	2,021,299
Ohio	9.66	9.62	8.75	2,548,115	2,423,807	2,527,350
Oklahoma	9.40	9.10	7.85	128,122	168,896	141,300
Pennsylvania	9.54	9.34	8.30	249,757	271,234	235,305
South Carolina	9.68	9.52	8.95	121,532	141,086	99,014
South Dakota	9.03	8.94	8.05	2,310,912	2,156,596	2,066,274
Tennessee	9.78	9.70	8.80	717,363	805,100	676,016
Texas	9.16	8.90	7.65	41,174	60,921	33,048
Virginia	9.40	9.40	8.60	203,040	244,024	218,182
West Virginia	9.40	9.40	8.60	12,464	13,198	12,427
Wisconsin	9.36	9.34	8.60	1,003,860	949,411	910,224
United States	9.47	9.33	8.60	40,694,573	41,308,740	39,133,978

NASS, Crops Branch, (202) 720–2127.

Table 3-35.—International oilseed, soybean: Area and production in specified countries, 2016/2017–2018/2019

Country	Area			Production		
	2016/2017	2017/2018	2018/2019	2016/2017	2017/2018	2018/2019
	<i>1,000 hectares</i>			<i>1,000 Metric tons</i>		
United States	33,470	36,236	35,657	116,931	120,065	123,664
Brazil	33,900	35,150	36,100	114,600	122,000	117,000
Argentina	17,335	16,300	17,100	55,000	37,800	56,000
China	7,596	8,250	8,400	13,644	15,200	15,900
India	11,183	10,400	11,000	10,992	8,350	11,500
Paraguay	3,389	3,400	3,300	10,336	10,300	9,000
Canada	2,232	2,935	2,550	6,597	7,717	7,300
Ukraine	1,858	1,976	1,729	4,286	3,890	4,461
Russia	2,118	2,568	2,739	3,134	3,621	4,027
Bolivia	1,264	1,400	1,400	3,019	2,600	2,700
European Union	803	926	930	2,410	2,539	2,681
Uruguay	1,089	1,098	989	3,212	1,334	1,978
South Africa	574	787	730	1,316	1,540	1,275
Nigeria	940	1,000	1,000	1,324	994	1,054
Serbia	185	200	220	650	460	625
Indonesia	430	420	410	565	540	520
Mexico	282	263	191	521	433	335
Zambia	138	225	192	268	351	303
Korea, North	175	150	150	282	223	225
Japan	150	150	147	238	249	213
Burma	150	150	150	160	160	160
Iran	52	83	70	139	200	160
Bangladesh	81	82	82	153	156	156
Ethiopia	37	39	42	81	84	120
Turkey	30	24	25	100	90	95

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-36.—Soybeans: United States exports by country of destination, 2016–2018

Country of destination	2016	2017	2018
	<i>Metric tons</i>		
China	36,051,026	31,732,138	8,335,921
Mexico	3,630,773	3,867,703	4,568,307
Netherlands	1,909,165	2,045,877	3,784,707
Egypt	261,215	1,010,074	3,186,587
Indonesia	2,563,732	2,390,649	2,636,776
Japan	2,358,319	2,299,178	2,344,786
Taiwan	1,501,424	1,447,092	2,193,391
Argentina	0	256	2,050,739
Pakistan	322,744	1,138,302	1,929,838
Spain	895,232	607,995	1,812,908
Thailand	902,336	1,193,359	1,599,011
Vietnam	842,116	742,066	1,258,259
Bangladesh	606,638	1,049,387	1,197,159
Iran	142,598	67,199	985,194
Germany(*)	1,308,642	1,314,686	901,860
Italy(*)	201,452	75,523	881,304
Korea, South	520,684	676,902	838,646
Canada	282,155	385,921	775,358
Colombia	497,404	554,157	726,464
Malaysia	391,666	437,202	598,224
Portugal	57,812	123,156	472,551
Tunisia	362,771	221,094	448,182
Saudi Arabia	214,841	224,694	348,134
United Kingdom	229,897	100	326,895
Costa Rica	307,252	296,126	280,516
Peru	141,731	109,471	261,751
Turkey	157,369	368,627	240,078
France(*)	272,466	64,900	182,732
Philippines	258,836	234,239	177,481
Belgium-Luxembourg(*)	0	82,007	176,461
Rest of World	602,918	461,854	892,284
World Total	57,795,213	55,221,933	46,412,505

(*) Denotes a country that is a summarization of its component countries.
 FAS, Office of Global Analysis, (202) 720-6301. Data Source: U.S. Census Bureau Trade Data.

Table 3-37.—Soybean oil: United States exports by country of destination, 2016–2018

Country of destination	2016	2017	2018
<i>Metric tons</i>			
Korea, South	81,697	264,506	287,809
Mexico	257,374	241,240	149,565
Dominican Republic	108,001	176,792	142,684
Colombia	74,950	89,426	128,383
Peru	41,248	2	93,051
Guatemala	42,977	52,752	75,474
Venezuela	50,090	12,402	48,857
Jamaica	31,328	33,489	27,013
Canada	16,331	23,052	21,802
Mozambique	0	12,200	17,200
Nicaragua	12,610	15,293	15,737
Morocco	19,005	30,432	11,798
Trinidad and Tobago	11,014	10,030	11,518
Senegal	7,936	5,810	11,000
Pakistan	7,253	7,137	10,867
Panama	6,308	6,583	7,779
Cuba	15,200	0	7,600
El Salvador	134	8,407	7,565
Costa Rica	36	4,121	5,772
United Arab Emirates	3,065	3,558	4,412
Honduras	575	3,922	4,399
Malaysia	40	2	4,000
Saudi Arabia	1,494	2,685	3,636
Japan	2,681	2,732	2,543
Bahamas, The	2,148	2,030	2,146
Kuwait	897	1,224	2,064
Lebanon	1,670	1,933	1,905
Jordan	464	979	1,807
China	143,269	30,332	888
Qatar	243	474	843
Rest of World	67,961	27,058	6,566
World Total	1,007,997	1,070,602	1,116,679

Users should use cautious interpretation on quantity reports using mixed units of measure. Quantity line items will only include statistics on the units of measure that are equal to, or are able to be converted to, the assigned unit of measure of the grouped commodities.

FAS, Office of Global Analysis, (202) 720-6301. Data Source: U.S. Census Bureau Trade Data.

Table 3-38.—Soybean cake and meal: United States exports by country of destination, 2016–2018

Country of destination	2016	2017	2018
<i>Metric tons</i>			
Philippines	1,847,953	2,042,537	2,164,098
Mexico	2,171,483	1,631,630	1,787,481
Colombia	720,861	973,684	1,221,918
Canada	770,517	916,203	996,584
Vietnam	211,469	192,398	760,814
Morocco	157,119	215,372	553,234
Dominican Republic	506,169	489,358	494,367
Guatemala	371,259	367,103	430,008
Spain	31	114,261	354,736
Thailand	402,050	366,966	344,363
Japan	159,843	250,144	330,632
Ecuador	350,931	184,928	320,420
Indonesia	35,667	71,933	306,584
Honduras	234,150	238,532	274,013
Panama	210,521	200,093	218,113
El Salvador	199,060	192,725	217,846
Peru	291,024	254,811	217,228
Venezuela	311,944	301,804	182,796
Sri Lanka	148,828	152,975	170,096
Burma	125,277	91,088	155,581
Jamaica	117,451	116,497	126,079
Italy(*)	438	2,029	125,119
Costa Rica	56,049	63,374	108,712
Nicaragua	116,756	104,700	107,284
Ireland	16,194	172	99,962
Bangladesh	143,424	121,030	86,972
Belgium-Luxembourg(*)	46,618	60,318	75,544
Saudi Arabia	126,689	207,975	73,523
Libya	16,825	0	59,845
United Kingdom	19,281	3,575	56,333
Rest of World	722,745	759,350	672,241
World Total	10,608,628	10,687,563	13,092,526

(*) Denotes a country that is a summarization of its component countries. Users should use cautious interpretation on quantity reports using mixed units of measure. Quantity line items will only include statistics on the units of measure that are equal to, or are able to be converted to, the assigned unit of measure of the grouped commodities.

FAS, Office of Global Analysis, (202) 720-6301. Data Source: U.S. Census Bureau Trade Data.

Table 3-39.—International oil, soybean: Production in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
China	15,770	16,128	15,411
United States	10,035	10,783	11,115
Argentina	8,395	7,236	8,200
Brazil	7,755	8,535	8,195
European Union	2,736	2,841	3,097
India	1,620	1,386	1,710
Mexico	820	937	982
Russia	788	824	860
Paraguay	711	733	740
Egypt	400	582	600
Bolivia	470	425	470
Iran	369	486	468
Japan	466	468	468
Pakistan	296	405	423
Taiwan	364	383	401
Canada	350	355	366
Thailand	350	251	359
Vietnam	209	276	295
Ukraine	146	187	275
Turkey	177	250	250

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-40.—International trade: Meal, soybean in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
Principle exporting countries:			
Argentina	31,323	25,350	28,100
Brazil	13,762	16,064	15,700
United States	10,505	12,752	12,701
Paraguay	2,370	2,625	2,580
India	2,008	1,844	1,850
Bolivia	1,522	1,655	1,675
China	1,111	1,198	900
Ukraine	303	365	900
Russia	323	384	410
Canada	291	357	400
European Union	334	395	350
Norway	181	182	182
Belarus	14	110	170
Vietnam	120	120	100
South Africa	70	75	80
Serbia	73	38	70
Malaysia	77	75	65
Korea, South	100	41	50
Nigeria	73	49	50
Thailand	2	50	50
Principle importing countries:			
European Union	18,794	18,354	18,700
Vietnam	4,945	4,800	5,000
Indonesia	4,255	4,454	4,850
Philippines	2,662	2,750	2,950
Thailand	2,782	3,191	2,900
Mexico	1,991	1,818	2,000
Korea, South	1,764	1,846	1,900
Japan	1,621	1,728	1,770
Malaysia	1,427	1,525	1,600
Algeria	1,276	1,475	1,500
Colombia	1,284	1,425	1,500
Peru	1,327	1,400	1,450
Iran	1,507	1,113	1,400
Ecuador	920	1,050	1,100
Saudi Arabia	1,175	833	1,075
Canada	821	1,022	1,050
Australia	850	880	1,000
Chile	639	824	925
Egypt	1,053	571	825
Turkey	790	557	700

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-41.—International trade: Oil, soybean in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
Principle exporting countries:			
India	3,534	2,984	3,400
China	711	481	900
Bangladesh	830	780	780
Algeria	667	720	760
Morocco	497	492	515
Peru	449	490	500
Colombia	352	355	375
European Union	285	284	325
Korea, South	306	276	300
Egypt	246	227	250
Iran	257	213	245
Venezuela	289	226	210
United States	145	152	181
Dominican Republic	187	165	180
Mexico	255	195	175
South Africa	180	150	175
Ecuador	110	105	110
Tunisia	149	95	106
Chile	105	67	100
Korea, North	99	90	100
Principle importing countries:			
Argentina	5,387	4,133	5,100
Brazil	1,241	1,511	1,200
European Union	819	902	1,000
United States	1,159	1,110	975
Paraguay	680	702	710
Russia	529	568	585
Bolivia	338	380	350
Ukraine	177	192	267
Canada	175	157	160
China	118	211	125
Malaysia	137	124	123
Turkey	68	58	85
Thailand	50	70	80
Serbia	69	43	70
Norway	70	62	67
South Africa	55	55	55
Egypt	53	25	50
Vietnam	35	40	40
Saudi Arabia	33	33	33
Mexico	24	26	25

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Table 3-42.—International trade: Oil, soybean local in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
Principle exporting countries:			
Argentina	4,716	4,570	5,500
Brazil	1,323	1,410	1,250
Principle importing countries:			
Brazil	51	41	50

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Table 3-43.—International trade: Oilseed, soybean in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
Principle exporting countries:			
Brazil	63,137	76,175	78,500
United States	58,960	57,945	46,266
Argentina	7,026	2,112	7,750
Paraguay	6,124	6,029	5,600
Canada	4,592	4,925	5,400
Ukraine	2,904	2,757	2,550
Uruguay	3,224	1,250	1,900
Russia	375	892	875
India	269	217	250
European Union	220	276	175
China	114	134	125
Ethiopia	32	93	95
Serbia	186	28	80
Malaysia	47	17	30
Nigeria	115	28	30
Turkey	132	20	25
Bolivia	13	7	10
Chile	8	7	8
South Africa	4	34	5
Uganda	5	5	5
Principle importing countries:			
China	83,230	93,495	94,095
European Union	15,120	13,441	14,584
Argentina	676	1,674	4,703
Mexico	4,126	4,126	4,873
Egypt	1,300	2,115	3,255
Japan	3,186	3,175	3,256
Thailand	2,798	3,078	2,482
Taiwan	2,476	2,566	2,666
Indonesia	2,274	2,649	2,483
Turkey	2,283	2,271	2,777
Iran	1,864	1,914	2,559
Pakistan	1,251	1,668	2,300
Russia	2,336	2,221	2,237
Vietnam	1,602	1,646	1,850
Korea, South	1,249	1,286	1,256
Bangladesh	1,128	813	1,100
Canada	286	486	487
Malaysia	885	768	690
Tunisia	546	471	683
Saudi Arabia	596	602	590

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Table 3-44.—International trade: Oilseed, Soybeans local in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
Principle exporting countries:			
Brazil	68,807	84,155	69,000
Argentina	7,245	3,719	7,000
Principle importing countries:			
Argentina	2,631	7,256	4,000
Brazil	267	185	150

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Table 3-45.—Sunflower, all: Area, yield, production, and value, United States, 2009–2018

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	2,030.0	1,953.5	1,554	3,036,460	15.10	458,959
2010	1,951.5	1,873.8	1,460	2,735,570	23.30	633,778
2011	1,543.0	1,457.8	1,398	2,038,275	29.10	589,282
2012	1,920.0	1,840.0	1,487	2,736,060	25.40	699,970
2013	1,575.5	1,464.6	1,380	2,021,765	21.40	443,296
2014	1,565.3	1,505.1	1,470	2,212,350	21.70	496,469
2015	1,860.1	1,800.4	1,625	2,925,030	19.60	574,481
2016	1,596.6	1,532.0	1,731	2,651,635	17.40	464,015
2017	1,403.0	1,333.8	1,603	2,137,750	17.20	375,077
2018	1,301.0	1,222.5	1,731	2,116,410	17.10	371,386

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Table 3-46.—Sunflower, oil varieties: Area, yield, production, and value, United States, 2009–2018

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	1,698.0	1,653.0	1,563	2,584,010	13.80	359,331
2010	1,463.0	1,422.5	1,458	2,074,500	22.60	457,135
2011	1,289.5	1,233.4	1,397	1,722,675	28.00	480,412
2012	1,658.0	1,589.8	1,484	2,359,775	24.40	580,404
2013	1,279.0	1,200.9	1,363	1,637,205	19.30	322,605
2014	1,174.0	1,134.5	1,461	1,657,390	19.30	322,163
2015	1,550.5	1,510.0	1,579	2,383,870	18.20	434,795
2016	1,418.0	1,368.5	1,731	2,369,015	16.90	403,850
2017	1,216.0	1,168.0	1,582	1,847,525	16.90	312,065
2018	1,164.0	1,099.0	1,726	1,896,410	16.70	323,067

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Table 3-47.—Sunflower, non-oil varieties: Area, yield, production, and value, United States, 2009–2018

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	332.0	300.5	1,506	452,450	22.10	99,628
2010	488.5	451.3	1,465	661,070	26.60	176,643
2011	253.5	224.4	1,406	315,600	33.80	108,870
2012	262.0	250.2	1,504	376,285	29.60	119,566
2013	296.5	263.7	1,458	384,560	31.30	120,691
2014	391.3	370.6	1,497	554,960	31.50	174,306
2015	309.6	290.4	1,863	541,160	26.60	139,686
2016	178.6	163.5	1,729	282,620	21.20	60,165
2017	187.0	165.8	1,750	290,225	21.00	63,012
2018	137.0	123.5	1,781	220,000	22.40	48,319

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Table 3-48.—Sunflower, all: Area, yield, production, and value, by type, State and United States, 2017–2018

Type and State	Area planted		Area harvested		Yield per harvested acre	
	2017	2018	2017	2018	2017	2018
Oil:	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>
California	54.0	58.0	52.5	57.0	950	1,300
Colorado	80.0	58.0	73.0	49.0	1,000	1,100
Kansas	52.0	43.0	50.0	41.0	1,300	1,500
Minnesota	34.0	45.0	33.0	44.0	1,950	2,250
Nebraska	30.0	25.0	28.5	24.0	1,300	1,420
North Dakota	395.0	395.0	381.0	380.0	1,650	1,750
South Dakota	540.0	520.0	520.0	485.0	1,700	1,830
Texas	31.0	20.0	30.0	19.0	1,520	1,120
United States	1,216.0	1,164.0	1,168.0	1,099	1,582	1,726
Non-oil:						
California	1.3	2.0	1.3	2.0	1,100	1,200
Colorado	12.0	8.0	11.0	7.0	1,200	1,150
Kansas	13.5	10.0	12.2	8.5	1,600	1,500
Minnesota	4.7	7.5	3.3	7.0	1,250	2,150
Nebraska	15.5	12.0	15.0	9.5	1,650	1,400
North Dakota	43.0	41.0	42.0	40.0	1,800	1,860
South Dakota	82.0	51.0	68.0	45.0	2,000	1,950
Texas	15.0	5.5	13.0	4.5	1,200	1,400
United States	187.0	137.0	165.8	123.5	1,750	1,781
Total:						
California	55.3	60.0	53.8	59.0	954	1,297
Colorado	92.0	66.0	84.0	56.0	1,026	1,106
Kansas	65.5	53.0	62.2	49.5	1,359	1,500
Minnesota	38.7	52.5	36.3	51.0	1,886	2,236
Nebraska	45.5	37.0	43.5	33.5	1,421	1,414
North Dakota	438.0	436.0	423.0	420.0	1,665	1,760
South Dakota	622.0	571.0	588.0	530.0	1,735	1,840
Texas	46.0	25.5	43.0	23.5	1,423	1,174
United States	1,403.0	1,301.0	1,333.8	1,222.5	1,603	1,731
Type and State	Production		Marketing year average price per cwt		Value of production	
	2017	2018	2017	2018	2017	2018
Oil:	<i>1,000 lbs</i>	<i>1,000 lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
California	49,875	74,100	21.00	(D)	10,474	(D)
Colorado	73,000	53,900	(D)	(D)	(D)	(D)
Kansas	65,000	61,500	(D)	(D)	(D)	(D)
Minnesota	64,350	99,000	18.60	(D)	11,969	(D)
Nebraska	37,050	34,080	15.60	15.50	5,780	5,282
North Dakota	628,650	665,000	17.10	17.30	107,499	115,045
South Dakota	884,000	887,550	(D)	(D)	(D)	(D)
Texas	45,600	21,280	17.50	18.00	7,980	3,830
Other States ¹ .....	.....	.....	16.50	16.90	168,363	198,910
United States	1,847,525	1,896,410	16.90	16.70	312,065	323,067
Non-oil:						
California	1,430	2,400	25.00	(D)	358	(D)
Colorado	13,200	8,050	(D)	(D)	(D)	(D)
Kansas	19,520	12,750	(D)	(D)	(D)	(D)
Minnesota	4,125	15,050	22.20	(D)	916	(D)
Nebraska	24,750	13,300	27.30	25.60	6,757	3,405
North Dakota	75,600	74,400	21.70	21.10	16,405	15,698
South Dakota	136,000	87,750	(D)	(D)	(D)	(D)
Texas	15,600	6,300	24.00	24.00	3,744	1,512
Other States ¹ .....	.....	.....	20.60	22.00	34,832	27,704
United States	290,255	220,000	21.00	22.40	63,012	48,319
Total:						
California	51,305	76,500	21.10	25.00	10,832	19,101
Colorado	86,200	61,950	16.30	17.40	14,028	11,015
Kansas	84,520	74,250	17.70	18.90	15,019	13,850
Minnesota	68,475	114,050	18.90	18.90	12,885	21,598
Nebraska	61,800	47,380	20.40	15.50	12,537	8,687
North Dakota	704,250	739,400	17.70	17.50	123,904	130,743
South Dakota	1,020,000	975,300	16.60	16.30	174,148	161,050
Texas	61,200	27,580	19.20	19.40	11,724	5,342
United States	2,137,750	2,116,410	17.20	17.10	375,077	371,386

(D) Withheld to avoid disclosing data for individual operations. ¹Includes data withheld above.
 NASS, Crops Branch, (202) 720-2127.

Table 3-49.—International Oilseed, sunflowerseed: Area and production in specified countries, 2016/2017–2018/2019

Country	Area			Production		
	2016/2017	2017/2018	2018/2019	2016/2017	2017/2018	2018/2019
	<i>1,000 hectares</i>			<i>1,000 metric tons</i>		
Ukraine	5,500	6,800	6,800	11,900	15,200	13,700
Russia	6,454	7,175	7,146	9,173	10,858	10,362
European Union	4,171	4,130	4,385	7,721	8,651	10,174
Argentina	1,415	1,819	1,678	3,000	3,547	3,538
China	1,036	1,153	1,250	2,698	2,990	3,120
Turkey	550	600	700	1,100	1,320	1,550
United States	729	620	540	1,327	1,203	970
Kazakhstan	701	807	883	534	755	903
South Africa	719	636	602	755	874	862
Moldova	330	362	385	525	677	804
Serbia	188	220	220	450	650	540
Burma	600	600	600	390	390	390
India	487	390	330	323	318	230
Brazil	51	63	96	62	104	142
Bolivia	147	143	131	131	114	105
Pakistan	85	70	80	90	75	90
Uruguay	38	44	50	57	66	78
Canada	38	28	26	73	51	58
Paraguay	45	30	32	74	48	53
Iran	36	41	40	31	40	43

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Table 3-50.—Sunflowerseed: United States exports by country of destination, 2016–2018

Country	2016	2017	2018
	<i>1,000 metric tons</i>		
Spain	21,324	19,785	19,791
Canada	18,343	17,168	14,210
Mexico	19,420	22,803	14,053
Israel(*)	2,493	2,491	3,462
Greece	1,610	1,559	1,492
Korea, South	2,381	1,818	1,484
Turkey	5,018	2,561	1,430
Romania	1,188	684	874
Morocco	454	1,205	660
Egypt	2,039	2,210	539
Japan	1,104	1,068	526
China	37	110	517
Colombia	390	466	492
Jordan	3,066	1,472	490
Bulgaria	0	180	479
Poland	120	0	419
Germany(*)	504	577	361
Kuwait	649	164	256
United Kingdom	444	656	220
Ukraine	0	0	201
Chile	131	84	116
Malaysia	16	123	92
Singapore	110	90	91
France(*)	329	0	48
Ethiopia(*)	0	0	45
Argentina	0	354	44
Vietnam	0	0	40
Philippines	23	24	27
Costa Rica	20	40	20
Taiwan	70	39	20
Rest of World	7,425	976	116
World Total	88,706	78,704	62,614

(*) Denotes a country that is a summarization of its component countries.
FAS, Office of Global Analysis, (202) 720–6301. Data Source: U.S. Census Bureau Trade Data.

Table 3-51.—Sunflowerseed oil: United States exports by country of destination, 2016–2018

Country	2016	2017	2018
<i>Metric tons</i>			
Canada	18,978	17,580	20,694
Mexico	9,528	5,419	16,209
Malaysia	6	60	2,322
Vietnam	664	475	1,507
Australia(*)	2	47	1,471
Japan	3,431	2,606	901
Honduras	702	626	732
Taiwan	740	1,028	624
Costa Rica	41	1	354
Korea, South	235	179	257
Netherlands	279	176	224
Tanzania	0	50	90
Italy(*)	0	310	62
India	42	5	45
Thailand	25	14	44
Kyrgyzstan	0	30	40
Argentina	0	0	39
China	505	364	35
Peru	0	6	18
Philippines	0	0	18
Colombia	534	2,694	14
Singapore	5	28	13
New Zealand(*)	0	0	13
Indonesia	20	59	11
Brazil	4	27	8
Uruguay	2	919	6
Netherlands Antilles(*)	8	0	6
Germany(*)	0	2	6
Hong Kong	0	18	6
Rest of World	752	550	6
World Total	36,501	33,272	45,773

(*) Denotes a country that is a summarization of its component countries.
 FAS, Office of Global Analysis, (202) 720–6301.

Table 3-52.—International oil, sunflowerseed: Production in specified countries, 2016/2017–2018/2019

Country	2016/2017	2017/2018	2018/2019
<i>1,000 metric tons</i>			
Ukraine	15,200	13,700	15,000
Russia	10,858	10,362	12,710
European Union	8,651	10,174	9,700
Argentina	3,547	3,538	3,800
China	2,990	3,120	3,250
Turkey	1,320	1,550	1,800
United States	1,203	970	960
Kazakhstan	755	903	848
Moldova	677	804	784
Serbia	650	540	680
South Africa	874	862	564
Burma	390	390	390
India	318	230	280
Pakistan	75	90	144
Brazil	104	142	112
Uruguay	66	78	90
Bolivia	114	105	80
Canada	51	58	57
Paraguay	48	53	54
Iran	40	43	43
Morocco	30	24	27
Australia	17	31	23
Egypt	17	19	19
Israel	16	16	16
Chile	10	12	13
Mexico	10	9	10
Switzerland	10	10	10
Macedonia	6	6	3
Bosnia and Herzegovina	1	1	1

FAS, Office of Global Analysis, (202) 720–6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-53.—Sunflowerseed cake and meal: United States exports by country of destination, 2016–2018

Country	2016	2017	2018
<i>Metric tons</i>			
Canada	3,293	3,974	2,707
Vietnam	100	0	2,550
Indonesia	406	0	194
Costa Rica	0	0	38
Mexico	1,371	0	35
Jordan	100	0	0
Korea, South	0	14	0
Thailand	5,140	288	0
Taiwan	0	522	0
Venezuela	1,177	0	0
World Total	11,585	4,797	5,525

(*) Denotes a country that is a summarization of its component countries.

Data source: U.S. Census Bureau Trade Data.
FAS, Office of Global Analysis, (202) 720-6301.**Table 3-54.—Mint oil: Production and value, by State and United States, 2016–2018**

State	Production			Price per pound			Value of production		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Peppermint:									
California	129	123	136	23.00	22.80	(D)	2,967	2,804	(D)
Idaho	1,914	1,890	1,785	19.90	17.60	18.90	38,089	33,264	33,737
Indiana	490	383	350	22.00	21.50	21.50	10,780	8,235	7,525
Oregon	1,615	1,710	1,615	21.40	19.40	21.10	34,561	33,174	34,077
Washington	1,518	1,440	1,320	20.50	16.50	19.40	31,119	23,760	25,608
Wisconsin	177	204	171	24.90	18.50	(D)	4,407	3,774	(D)
Other States ¹						18.10			5,542
United States	5,843	5,750	5,377	20.90	18.30	19.80	121,923	105,011	106,489
Spearmint:									
Idaho	(D)	(D)	(D)	(D)	(D)	15.50	(D)	(D)	2,170
Indiana	264	167	216	18.00	17.00	(D)	4,752	2,839	(D)
Michigan	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oregon	313	263	313	18.00	19.50	17.40	5,634	5,129	5,446
Washington	2,315	2,100	1,748	17.10	15.60	16.70	39,675	32,832	29,229
Native	1,535	1,320	1,264	16.70	16.60	16.50	25,635	21,912	20,856
Scotch	780	780	484	18.00	14.00	17.30	14,040	10,920	8,373
Other States ¹	316	266	294	16.80	17.10	21.50	5,317	4,536	6,333
United States	3,208	2,796	2,571	17.30	16.20	16.80	55,378	45,336	43,178

(D) Withheld to avoid disclosing data for individual operations. ¹ Includes data withheld above.
NASS, Crops Branch, (202) 720-2127.**Table 3-55.—Peppermint oil: Area, yield, production, and value, United States, 2009–2018**

Year	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	69.8	91	6,379	20.10	128,118
2010	72.8	89	6,495	20.30	131,805
2011	75.5	89	6,700	23.10	154,626
2012	75.7	87	6,549	24.10	158,121
2013	70.0	90	6,273	23.80	149,557
2014	65.0	91	5,887	22.90	134,775
2015	64.9	91	5,876	21.80	127,956
2016	64.5	91	5,843	20.90	121,923
2017	60.8	95	5,750	18.30	105,011
2018	58.5	92	5,377	19.80	106,489

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Table 3-56.—Spearmint oil: Area, yield, production, and value, United States, 2009–2018

Year	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	20.5	132	2,698	16.50	44,597
2010	18.6	125	2,318	16.20	37,553
2011	17.3	132	2,286	18.60	42,438
2012	20.0	119	2,386	19.50	46,521
2013	24.5	119	2,926	19.10	55,829
2014	24.4	114	2,784	19.80	54,977
2015	25.8	114	2,930	18.30	53,664
2016	24.5	131	3,208	17.30	55,378
2017	22.3	125	2,796	16.20	45,336
2018	20.8	124	2,571	16.80	43,178

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Table 3-57.—International oil, olive: Production in specified countries, 2016/2017–2018/2017

Country	2016/2017	2017/2018	2018/2017
	<i>1,000 metric tons</i>		
European Union	1,745	2,200	2,240
Turkey	177	263	220
Morocco	110	140	145
Tunisia	100	280	140
Syria	110	100	100
Algeria	63	83	76
Jordan	20	25	24
Lebanon	25	23	24
Australia	21	22	22
Argentina	38	44	20
Chile	19	17	18
Libya	16	18	18
United States	15	16	16
Israel	15	16	15
China	5	5	5
Saudi Arabia	3	3	3

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 3-58.—Fats and oils: Wholesale price per pound, 2013–2017 ¹

Item and market	2013	2014	2015	2016	2017
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Coconut oil, crude, tanks, f.o.b. New York	44.26	60.21	52.27	69.12	80.36
Corn oil, crude, tank cars, f.o.b. Decatur	43.13	38.36	38.24	29.24	36.78
Cottonseed oil, crude, tank cars, f.o.b. Valley	46.60	60.33	47.01	45.81	38.53
Palm oil, U.S. ports, refined	41.13	39.86	32.10	34.39	35.67
Canola oil, Midwest	52.81	42.46	36.70	36.44	38.65
Soybean oil, crude, tank cars, f.o.b. Decatur	44.98	36.83	30.20	31.58	32.06
Sunflower oil, crude, Minneapolis	62.79	59.77	38.03	55.27	53.40
Tallow, edible, number 1 delivered Chicago	42.52	38.91	28.42	32.96	34.43

¹ All prices are calendar year average.
ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694-5300. Compiled from the Chemical Marketing Reporter, Milling and Baking News, and the Agricultural Marketing Service.