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Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks 2016 Summary

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Summary

2016 Fats and Oils Oilseed Crushings, Production, Consumption and Stocks Data Published

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2016 Annual Summary of the Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks contains data and annual totals for January through December of 2016.

Soybeans crushed for crude oil was 57.1 million tons in 2016. Crude oil production was 22.1 billion pounds.

Canola seeds crushed for crude oil was 2.10 million tons in 2016.

Tallow was published in three categories (edible, inedible, and technical). The largest percentage of tallow production was **inedible tallow** at 3.50 billion pounds in 2016. **Choice white grease production** was 1.37 billion pounds in 2016.

Soybean Crushing, Production, Consumption and Stocks – United States: 2016

Item	January 2016	February 2016	March 2016	April 2016
Crush				
Soybeans crushed tons	4,814,044	4,638,663	4,991,626	4,745,090
Crude oil produced..... 1,000 pounds	1,864,887	1,795,866	1,943,537	1,840,263
Cake and meal produced tons	3,539,791	3,425,236	3,677,248	3,502,911
For animal feed tons	3,476,488	3,366,159	3,613,239	3,445,720
For edible protein products..... tons	63,303	59,077	64,009	57,191
Millfeed produced..... tons	256,884	241,078	260,298	243,761
Refine				
Crude oil processed in refining 1,000 pounds	1,277,782	1,344,388	1,438,379	1,385,229
Once refined oil produced 1,000 pounds	1,236,602	1,306,085	1,404,133	1,352,235
Consumption				
Crude oil removed for inedible use in processing 1,000 pounds	(D)	107,789	116,869	89,374
Once refined oil removed for use in processing..... 1,000 pounds	1,283,248	1,336,284	1,404,906	1,359,441
Removed for edible use in processing..... 1,000 pounds	1,049,611	1,112,647	1,139,437	1,100,348
Removed for inedible use in processing..... 1,000 pounds	233,637	223,637	265,469	259,093
Stocks				
Cake and meal on hand end of month..... tons	368,063	330,057	302,672	365,653
Millfeed on hand end of month tons	42,235	32,295	35,426	46,616
Crude oil on hand end of month 1,000 pounds	1,724,459	1,880,210	1,956,599	2,048,554
Crusher..... 1,000 pounds	890,950	976,800	1,013,888	1,033,659
Refiner 1,000 pounds	341,226	371,273	420,583	450,938
Offsite 1,000 pounds	492,283	532,137	522,128	563,957
Once refined oil on hand end of month..... 1,000 pounds	386,338	399,967	368,327	371,464

See footnote(s) at end of table.

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Soybean Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	May 2016	June 2016	July 2016	August 2016
Crush				
Soybeans crushed..... tons	4,825,833	4,623,752	4,603,543	4,218,789
Crude oil produced1,000 pounds	1,876,184	1,787,234	1,789,356	1,642,478
Cake and meal produced..... tons	3,561,181	3,411,099	3,403,386	3,111,301
For animal feed..... tons	3,503,877	3,355,519	3,344,078	3,049,231
For edible protein products tons	57,304	55,580	59,308	62,070
Millfeed produced tons	246,358	235,294	240,805	217,058
Refine				
Crude oil processed in refining.....1,000 pounds	1,474,278	1,407,282	1,469,747	1,455,355
Once refined oil produced.....1,000 pounds	1,439,174	1,373,898	1,435,608	1,426,954
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	123,277	130,024	125,305	113,176
Once refined oil removed for use in processing1,000 pounds	1,418,293	1,383,757	1,418,803	1,535,765
Removed for edible use in processing1,000 pounds	1,091,362	1,060,220	1,061,181	1,175,567
Removed for inedible use in processing.....1,000 pounds	326,931	323,537	357,622	360,198
Stocks				
Cake and meal on hand end of month tons	343,411	281,038	419,802	247,799
Millfeed on hand end of month..... tons	46,011	30,119	39,832	26,866
Crude oil on hand end of month.....1,000 pounds	2,063,240	2,042,738	1,865,797	1,666,531
Crusher.....1,000 pounds	1,001,700	941,373	823,753	705,836
Refiner.....1,000 pounds	451,654	425,779	379,435	279,621
Offsite.....1,000 pounds	609,886	675,586	662,609	681,074
Once refined oil on hand end of month1,000 pounds	402,898	381,396	348,481	319,212

See footnote(s) at end of table.

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Soybean Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	September 2016	October 2016	November 2016	December 2016
Crush				
Soybeans crushed..... tons	4,148,008	5,276,415	5,122,038	5,071,493
Crude oil produced..... 1,000 pounds	1,616,609	2,028,518	1,961,256	1,950,176
Cake and meal produced..... tons	3,042,315	3,830,125	3,739,093	3,690,668
For animal feed..... tons	2,999,215	3,767,699	3,671,317	3,628,323
For edible protein products..... tons	43,100	62,426	67,776	62,345
Millfeed produced..... tons	215,143	273,917	273,414	273,479
Refine				
Crude oil processed in refining..... 1,000 pounds	1,397,555	1,580,814	1,471,587	1,440,556
Once refined oil produced..... 1,000 pounds	1,368,461	1,542,749	1,438,840	1,406,505
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	132,793	(D)	114,490	120,200
Once refined oil removed for use in processing..... 1,000 pounds	1,388,248	1,579,541	1,463,620	1,376,935
Removed for edible use in processing..... 1,000 pounds	1,101,371	1,238,448	1,147,517	1,083,997
Removed for inedible use in processing..... 1,000 pounds	286,877	341,093	316,103	292,938
Stocks				
Cake and meal on hand end of month..... tons	233,715	335,413	361,959	403,901
Millfeed on hand end of month..... tons	30,171	42,212	46,074	42,509
Crude oil on hand end of month..... 1,000 pounds	1,417,400	1,437,483	1,473,201	1,505,351
Crusher..... 1,000 pounds	600,477	592,330	618,320	632,124
Refiner..... 1,000 pounds	259,927	317,449	325,894	303,620
Offsite..... 1,000 pounds	556,996	527,704	528,987	569,607
Once refined oil on hand end of month..... 1,000 pounds	269,413	357,828	307,510	366,919

See footnote(s) at end of table.

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Soybean Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	Total 2016
Crush	
Soybeans crushed..... tons	57,084,774
Crude oil produced 1,000 pounds	22,098,051
Cake and meal produced..... tons	41,938,552
For animal feed..... tons	41,225,063
For edible protein products tons	713,489
Millfeed produced tons	2,977,489
Refine	
Crude oil processed in refining..... 1,000 pounds	17,144,325
Once refined oil produced..... 1,000 pounds	16,732,560
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	1,378,845
Once refined oil removed for use in processing 1,000 pounds	16,949,832
Removed for edible use in processing 1,000 pounds	13,362,697
Removed for inedible use in processing..... 1,000 pounds	3,587,135

(D) Withheld to avoid disclosing data for individual operations.

Soybean Crushing – Regional: 2016

Region	Soybeans crushed			
	January 2016	February 2016	March 2016	April 2016
	(tons)	(tons)	(tons)	(tons)
Illinois.....	514,261	546,695	607,194	570,995
Iowa.....	1,064,253	1,039,470	1,115,334	998,221
North and East ¹	1,119,325	1,073,727	1,114,512	1,082,465
North Central ²	654,555	613,960	682,246	631,767
South, West and Pacific ³	670,757	619,304	678,267	660,708
West Central ⁴	790,893	745,507	794,073	800,934
Region	Crude oil produced			
	January 2016	February 2016	March 2016	April 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	201,801	212,594	243,082	224,439
Iowa.....	409,626	400,845	429,053	386,076
North and East ¹	428,442	412,264	429,941	418,968
North Central ²	258,811	245,853	268,005	247,599
South, West and Pacific ³	257,934	238,075	260,381	254,706
West Central ⁴	308,273	286,235	313,075	308,475
Region	Crude oil stocks at crusher			
	January 2016	February 2016	March 2016	April 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	126,799	155,453	201,541	208,033
Iowa.....	171,135	177,351	183,787	179,767
North and East ¹	226,634	268,007	252,746	274,473
North Central ²	247,460	264,508	267,241	259,541
South, West and Pacific ³	60,469	57,244	55,520	52,478
West Central ⁴	58,453	54,237	53,053	59,367
Region	Cake and meal produced			
	January 2016	February 2016	March 2016	April 2016
	(tons)	(tons)	(tons)	(tons)
Illinois.....	366,355	398,369	436,932	411,628
Iowa.....	787,211	769,939	828,610	744,246
North and East ¹	822,623	791,416	818,269	798,843
North Central ²	488,800	456,642	506,058	466,200
South, West and Pacific ³	487,459	451,372	498,229	483,795
West Central ⁴	587,343	557,498	589,150	598,199
Region	Cake and meal stocks			
	January 2016	February 2016	March 2016	April 2016
	(tons)	(tons)	(tons)	(tons)
Illinois.....	61,419	56,703	43,670	53,514
Iowa.....	69,767	65,265	61,790	75,985
North and East ¹	99,828	84,293	57,727	86,303
North Central ²	46,726	33,701	25,074	42,366
South, West and Pacific ³	39,001	30,537	71,019	58,201
West Central ⁴	51,322	59,558	43,392	49,284

See footnote(s) at end of table.

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Soybean Crushing – Regional: 2016 (continued)

Region	Soybeans crushed			
	May 2016	June 2016	July 2016	August 2016
	(tons)	(tons)	(tons)	(tons)
Illinois	597,271	526,304	452,361	472,761
Iowa	1,028,376	972,010	1,049,756	1,093,723
North and East ¹	1,098,826	1,077,584	1,050,197	897,159
North Central ²	648,696	625,978	701,390	653,307
South, West and Pacific ³	649,712	656,650	610,360	483,971
West Central ⁴	802,952	765,226	739,479	617,868
Region	Crude oil produced			
	May 2016	June 2016	July 2016	August 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	236,503	205,480	180,481	188,449
Iowa	397,548	370,618	408,176	420,591
North and East ¹	426,247	419,149	406,715	348,789
North Central ²	253,268	245,236	272,386	255,972
South, West and Pacific ³	250,780	251,559	235,240	188,670
West Central ⁴	311,838	295,192	286,358	240,007
Region	Crude oil stocks at crusher			
	May 2016	June 2016	July 2016	August 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	195,936	170,858	131,003	128,644
Iowa	168,873	183,051	165,368	151,834
North and East ¹	287,145	298,731	243,729	184,115
North Central ²	247,443	196,292	201,665	156,947
South, West and Pacific ³	54,031	55,373	38,129	36,478
West Central ⁴	48,272	37,068	43,859	47,818
Region	Cake and meal produced			
	May 2016	June 2016	July 2016	August 2016
	(tons)	(tons)	(tons)	(tons)
Illinois	435,508	377,885	325,903	342,981
Iowa	765,105	718,667	784,157	812,026
North and East ¹	809,399	801,865	771,938	658,529
North Central ²	476,754	464,391	519,443	482,264
South, West and Pacific ³	473,892	481,283	455,490	355,686
West Central ⁴	600,523	567,008	546,455	459,815
Region	Cake and meal stocks			
	May 2016	June 2016	July 2016	August 2016
	(tons)	(tons)	(tons)	(tons)
Illinois	57,257	33,058	51,325	34,570
Iowa	86,597	84,344	78,619	53,075
North and East ¹	65,641	81,716	106,520	38,239
North Central ²	44,241	26,267	46,051	26,997
South, West and Pacific ³	41,857	32,574	71,236	46,089
West Central ⁴	47,818	23,079	66,051	48,829

See footnote(s) at end of table.

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Soybean Crushing – Regional: 2016 (continued)

Region	Soybeans crushed			
	September 2016	October 2016	November 2016	December 2016
	(tons)	(tons)	(tons)	(tons)
Illinois.....	451,253	635,958	653,259	641,988
Iowa.....	970,697	1,135,222	1,097,446	1,090,185
North and East ¹	985,484	1,260,422	1,177,106	1,102,200
North Central ²	592,748	712,934	647,631	690,151
South, West and Pacific ³	495,385	653,604	666,907	660,057
West Central ⁴	652,441	878,275	879,689	886,912
Region	Crude oil produced			
	September 2016	October 2016	November 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	174,081	251,934	255,081	252,510
Iowa.....	372,202	432,983	415,128	414,879
North and East ¹	384,123	487,728	453,481	428,512
North Central ²	239,857	269,439	247,553	260,797
South, West and Pacific ³	190,805	252,391	256,795	255,052
West Central ⁴	255,541	334,043	333,218	338,426
Region	Crude oil stocks at crusher			
	September 2016	October 2016	November 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	77,781	99,942	126,853	118,626
Iowa.....	112,590	98,398	99,653	122,691
North and East ¹	155,045	123,690	136,874	117,929
North Central ²	156,933	177,382	159,576	147,289
South, West and Pacific ³	54,250	48,539	59,390	82,320
West Central ⁴	43,878	44,379	35,974	43,269
Region	Cake and meal produced			
	September 2016	October 2016	November 2016	December 2016
	(tons)	(tons)	(tons)	(tons)
Illinois.....	327,487	459,827	475,789	462,693
Iowa.....	714,785	826,937	800,539	795,276
North and East ¹	721,657	914,440	854,893	803,907
North Central ²	436,066	524,593	480,770	500,821
South, West and Pacific ³	357,654	471,436	484,419	478,293
West Central ⁴	484,666	632,892	642,683	649,678
Region	Cake and meal stocks			
	September 2016	October 2016	November 2016	December 2016
	(tons)	(tons)	(tons)	(tons)
Illinois.....	43,807	69,516	(D)	94,385
Iowa.....	48,268	68,084	59,388	69,580
North and East ¹	51,805	62,601	96,250	79,529
North Central ²	23,354	35,370	(D)	38,060
South, West and Pacific ³	35,939	51,815	50,394	65,333
West Central ⁴	30,542	48,027	42,431	57,014

See footnote(s) at end of table.

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Soybean Crushing – Regional: 2016 (continued)

Region	Soybeans crushed Total 2016
	(tons)
Illinois	6,670,300
Iowa	12,660,173
North and East ¹	13,039,007
North Central ²	7,855,363
South, West and Pacific ³	7,505,682
West Central ⁴	9,354,249
Region	Crude oil produced Total 2016
	(1,000 pounds)
Illinois	2,626,435
Iowa	4,859,412
North and East ¹	5,044,359
North Central ²	3,064,776
South, West and Pacific ³	2,892,388
West Central ⁴	3,610,681
Region	Cake and meal produced Total 2016
	(tons)
Illinois	4,821,357
Iowa	9,351,696
North and East ¹	9,567,779
North Central ²	5,802,802
South, West and Pacific ³	5,479,008
West Central ⁴	6,915,910

(D) Withheld to avoid disclosing data for individual operations.

¹ North and East includes Indiana, Kentucky, Maryland, Ohio, Pennsylvania and Virginia.

² North Central includes Michigan, Minnesota, North Dakota and South Dakota.

³ South, West, and Pacific includes Alabama, Arkansas, California, Georgia, Louisiana, North Carolina and South Carolina.

⁴ West Central includes Kansas, Missouri and Nebraska.

Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016

Item	January 2016	February 2016	March 2016	April 2016
Canola				
Crush				
Seeds crushed..... tons	148,424	137,631	149,882	137,120
Crude oil produced..... 1,000 pounds	126,109	114,443	123,498	119,826
Cake and meal produced..... tons	82,050	76,448	84,758	79,349
Refine				
Crude oil processed in refining..... 1,000 pounds	130,855	117,491	125,623	119,360
Once refined oil produced..... 1,000 pounds	123,760	116,149	122,722	115,695
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	117,275	125,700	142,659	129,004
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month..... tons	(D)	(D)	(D)	53,730
Crude oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil on hand end of month..... 1,000 pounds	78,205	80,162	79,337	75,588
Cottonseed				
Crush				
Seeds crushed..... tons	131,639	125,631	142,679	132,306
Crude oil produced..... 1,000 pounds	41,430	38,433	45,265	39,194
Cake and meal produced..... tons	65,905	57,608	68,728	61,060
Refine				
Crude oil processed in refining..... 1,000 pounds	45,126	44,088	53,409	42,810
Once refined oil produced..... 1,000 pounds	44,623	43,445	52,772	42,199
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	-	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	46,306	51,081	55,817	55,278
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month..... tons	43,756	35,916	42,423	46,960
Crude oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil on hand end of month..... 1,000 pounds	51,179	47,302	53,985	48,199
Coconut				
Refine				
Crude oil processed in refining..... 1,000 pounds	20,787	28,024	29,308	21,186
Once refined oil produced..... 1,000 pounds	20,613	27,692	29,067	21,019
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	52,177	51,803	65,377	54,272
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	85,607	74,844	55,739	64,636
Once refined oil on hand end of month..... 1,000 pounds	29,325	24,919	25,969	25,980
Corn				
Refine				
Crude oil processed in refining..... 1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil produced..... 1,000 pounds	(S)	(S)	(S)	(S)
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil removed for use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Removed for edible use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Removed for inedible use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil on hand end of month..... 1,000 pounds	(S)	(S)	(S)	(S)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	May 2016	June 2016	July 2016	August 2016
Canola				
Crush				
Seeds crushed..... tons	131,688	202,415	201,506	174,164
Crude oil produced1,000 pounds	112,422	174,761	162,239	146,060
Cake and meal produced..... tons	76,308	116,628	110,072	101,353
Refine				
Crude oil processed in refining.....1,000 pounds	140,461	164,125	142,799	118,238
Once refined oil produced.....1,000 pounds	136,502	159,596	137,673	114,497
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	148,301	168,648	153,088	144,025
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month tons	53,785	(D)	(D)	(D)
Crude oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	252,305
Once refined oil on hand end of month1,000 pounds	66,343	53,773	54,754	48,571
Cottonseed				
Crush				
Seeds crushed..... tons	126,891	114,374	(D)	109,126
Crude oil produced1,000 pounds	38,434	32,182	(D)	32,792
Cake and meal produced..... tons	57,448	51,992	(D)	47,094
Refine				
Crude oil processed in refining.....1,000 pounds	44,374	37,728	26,590	38,906
Once refined oil produced.....1,000 pounds	43,917	37,400	26,180	38,445
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	-	-	(D)
Once refined oil removed for use in processing.....1,000 pounds	44,018	46,009	37,499	34,482
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month tons	53,736	50,106	34,109	22,364
Crude oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil on hand end of month1,000 pounds	54,869	47,026	43,549	43,057
Coconut				
Refine				
Crude oil processed in refining.....1,000 pounds	27,533	28,323	30,056	49,399
Once refined oil produced.....1,000 pounds	27,262	28,075	29,798	49,050
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	59,505	57,886	59,506	76,175
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	83,525	91,569	115,881	104,214
Once refined oil on hand end of month1,000 pounds	31,817	21,460	24,508	32,382
Corn				
Refine				
Crude oil processed in refining.....1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil produced.....1,000 pounds	(S)	(S)	(S)	(S)
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil removed for use in processing.....1,000 pounds	(S)	(S)	(S)	(S)
Removed for edible use in processing1,000 pounds	(S)	(S)	(S)	(S)
Removed for inedible use in processing.....1,000 pounds	(S)	(S)	(S)	(S)
Stocks				
Crude oil on hand end of month.....1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil on hand end of month1,000 pounds	(S)	(S)	(S)	(S)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	September 2016	October 2016	November 2016	December 2016
Canola				
Crush				
Seeds crushed..... tons	213,176	213,230	209,432	178,637
Crude oil produced..... 1,000 pounds	183,019	177,076	178,189	149,916
Cake and meal produced..... tons	120,435	121,184	117,056	103,139
Refine				
Crude oil processed in refining..... 1,000 pounds	176,680	171,639	167,222	120,438
Once refined oil produced..... 1,000 pounds	173,184	166,881	161,950	117,307
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	160,876	170,979	160,326	138,866
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month..... tons	(D)	(D)	(D)	(D)
Crude oil on hand end of month..... 1,000 pounds	(D)	(D)	239,673	237,622
Once refined oil on hand end of month..... 1,000 pounds	52,783	52,157	66,466	68,912
Cottonseed				
Crush				
Seeds crushed..... tons	119,113	141,590	163,909	167,631
Crude oil produced..... 1,000 pounds	37,298	42,003	51,141	50,386
Cake and meal produced..... tons	54,805	63,853	75,937	76,853
Refine				
Crude oil processed in refining..... 1,000 pounds	38,286	54,637	50,007	53,081
Once refined oil produced..... 1,000 pounds	37,235	49,851	48,776	51,498
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	-	-	(D)	-
Once refined oil removed for use in processing..... 1,000 pounds	40,747	39,122	48,018	53,464
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month..... tons	19,676	29,753	34,469	33,198
Crude oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil on hand end of month..... 1,000 pounds	41,547	47,611	48,432	48,385
Coconut				
Refine				
Crude oil processed in refining..... 1,000 pounds	40,421	33,031	35,731	(D)
Once refined oil produced..... 1,000 pounds	40,199	32,796	35,490	(D)
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	83,491	77,971	72,686	73,352
Removed for edible use in processing..... 1,000 pounds	39,082	(D)	33,875	33,019
Removed for inedible use in processing..... 1,000 pounds	44,409	(D)	38,811	40,333
Stocks				
Crude oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil on hand end of month..... 1,000 pounds	62,791	60,304	63,029	61,063
Corn				
Refine				
Crude oil processed in refining..... 1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil produced..... 1,000 pounds	(S)	(S)	(S)	(S)
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil removed for use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Removed for edible use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Removed for inedible use in processing..... 1,000 pounds	(S)	(S)	(S)	(S)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	(S)	(S)	(S)	(S)
Once refined oil on hand end of month..... 1,000 pounds	(S)	(S)	(S)	(S)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	Total 2016
Canola	
Crush	
Seeds crushed..... tons	2,097,305
Crude oil produced 1,000 pounds	1,767,558
Cake and meal produced..... tons	1,188,780
Refine	
Crude oil processed in refining..... 1,000 pounds	1,694,931
Once refined oil produced..... 1,000 pounds	1,645,916
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)
Once refined oil removed for use in processing..... 1,000 pounds	1,759,747
Removed for edible use in processing 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
Cottonseed	
Crush	
Seeds crushed..... tons	(D)
Crude oil produced 1,000 pounds	(D)
Cake and meal produced..... tons	(D)
Refine	
Crude oil processed in refining..... 1,000 pounds	529,042
Once refined oil produced..... 1,000 pounds	516,341
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)
Once refined oil removed for use in processing..... 1,000 pounds	551,841
Removed for edible use in processing 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
Coconut	
Refine	
Crude oil processed in refining..... 1,000 pounds	(D)
Once refined oil produced..... 1,000 pounds	(D)
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)
Once refined oil removed for use in processing..... 1,000 pounds	784,201
Removed for edible use in processing 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
Corn	
Refine	
Crude oil processed in refining..... 1,000 pounds	(S)
Once refined oil produced..... 1,000 pounds	(S)
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	(S)
Once refined oil removed for use in processing..... 1,000 pounds	(S)
Removed for edible use in processing 1,000 pounds	(S)
Removed for inedible use in processing..... 1,000 pounds	(S)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	January 2016	February 2016	March 2016	April 2016
Olives				
Crush				
Crushed for oil..... tons	-	-	-	-
Virgin oil produced 1,000 pounds	-	-	-	-
Refine				
Refined oil produced 1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Refined oil removed for use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Virgin oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Palm kernel				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	47,380	45,621	50,983	41,492
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	132,027	127,179	116,166	111,046
Palm				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	159,978	163,186	190,378	162,731
Removed for edible use in processing..... 1,000 pounds	141,461	156,545	180,620	155,481
Removed for inedible use in processing..... 1,000 pounds	18,517	6,641	9,758	7,250
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	498,710	485,005	452,989	448,856
Peanut				
Refine				
Crude oil processed in refining..... 1,000 pounds	(D)	16,988	(D)	20,359
Once refined oil produced 1,000 pounds	(D)	15,943	(D)	18,179
Consumption				
Crude oil removed for inedible use in processing 1,000 pounds	-	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	(D)	13,589	17,471	19,190
Removed for edible use in processing..... 1,000 pounds	(D)	13,589	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	-	(D)	(D)
Stocks				
Crude oil on hand end of month 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Sunflower				
Refine				
Crude oil processed in refining..... 1,000 pounds	31,581	40,410	49,706	40,123
Once refined oil produced 1,000 pounds	30,134	38,334	47,177	38,199
Consumption				
Crude oil removed for inedible use in processing 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	29,391	45,685	48,399	43,392
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month 1,000 pounds	61,465	53,347	41,368	68,877
Once refined oil on hand end of month..... 1,000 pounds	50,523	35,537	41,947	51,510
Vegetable foots, raw and acidulated				
Refine				
Oil produced 1,000 pounds	25,284	25,020	(D)	(D)
Consumption				
Oil removed for inedible use in processing..... 1,000 pounds	22,150	(D)	29,281	(D)
Stocks				
Oil on hand end of month..... 1,000 pounds	11,375	12,123	(D)	(D)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	May 2016	June 2016	July 2016	August 2016
Olives				
Crush				
Crushed for oil..... tons	-	-	-	-
Virgin oil produced.....1,000 pounds	-	-	-	-
Refine				
Refined oil produced.....1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Refined oil removed for use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Virgin oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)
Refined oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)
Palm kernel				
Consumption				
Once refined oil removed for use in processing.....1,000 pounds	41,046	43,133	43,120	31,827
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month.....1,000 pounds	116,127	105,465	95,093	84,844
Palm				
Consumption				
Once refined oil removed for use in processing.....1,000 pounds	182,958	172,179	162,872	189,395
Removed for edible use in processing.....1,000 pounds	174,891	164,103	157,190	179,142
Removed for inedible use in processing.....1,000 pounds	8,067	8,076	5,682	10,253
Stocks				
Once refined oil on hand end of month.....1,000 pounds	449,054	407,153	441,656	437,181
Peanut				
Refine				
Crude oil processed in refining.....1,000 pounds	25,132	(D)	18,280	28,824
Once refined oil produced.....1,000 pounds	22,171	(D)	16,521	25,514
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	18,684	(D)	(D)	25,943
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	13,793
Once refined oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)
Sunflower				
Refine				
Crude oil processed in refining.....1,000 pounds	34,918	26,462	40,466	44,032
Once refined oil produced.....1,000 pounds	32,827	25,329	38,148	41,737
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	30,753	37,974	40,744	52,451
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	51,563	56,149	58,166	52,124
Once refined oil on hand end of month.....1,000 pounds	31,102	32,721	33,325	29,444
Vegetable foots, raw and acidulated				
Refine				
Oil produced.....1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	September 2016	October 2016	November 2016	December 2016
Olives				
Crush				
Crushed for oil..... tons	-	(D)	(D)	(D)
Virgin oil produced 1,000 pounds	-	(D)	(D)	(D)
Refine				
Refined oil produced 1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Refined oil removed for use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Virgin oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Palm kernel				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	35,833	33,815	38,668	34,970
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	94,899	92,566	81,162	76,215
Palm				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	188,248	199,986	193,618	165,297
Removed for edible use in processing..... 1,000 pounds	178,212	189,507	186,688	159,763
Removed for inedible use in processing..... 1,000 pounds	10,036	10,479	6,930	5,534
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	417,024	397,208	429,757	437,231
Peanut				
Refine				
Crude oil processed in refining..... 1,000 pounds	29,473	33,797	33,804	(D)
Once refined oil produced 1,000 pounds	25,432	30,019	30,642	(D)
Consumption				
Crude oil removed for inedible use in processing 1,000 pounds	(D)	(D)	(D)	-
Once refined oil removed for use in processing..... 1,000 pounds	25,739	33,259	30,190	(D)
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	-
Stocks				
Crude oil on hand end of month 1,000 pounds	(D)	(D)	(D)	14,416
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
Sunflower				
Refine				
Crude oil processed in refining..... 1,000 pounds	41,182	53,829	35,737	25,574
Once refined oil produced 1,000 pounds	38,730	51,014	33,834	24,059
Consumption				
Crude oil removed for inedible use in processing 1,000 pounds	232	2,877	2,210	(D)
Once refined oil removed for use in processing..... 1,000 pounds	40,023	45,280	40,705	32,692
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month 1,000 pounds	47,449	49,791	48,929	56,593
Once refined oil on hand end of month..... 1,000 pounds	28,307	42,444	48,215	41,338
Vegetable foots, raw and acidulated				
Refine				
Oil produced 1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2016 (continued)

Item	Total 2016
Olives	
Crush	
Crushed for oil	(D)
Virgin oil produced	1,000 pounds (D)
Refine	
Refined oil produced	1,000 pounds (D)
Consumption	
Refined oil removed for use in processing	1,000 pounds (D)
Removed for edible use in processing	1,000 pounds (D)
Removed for inedible use in processing	1,000 pounds (D)
Palm kernel	
Consumption	
Once refined oil removed for use in processing	1,000 pounds 487,888
Removed for edible use in processing	1,000 pounds (D)
Removed for inedible use in processing	1,000 pounds (D)
Palm	
Consumption	
Once refined oil removed for use in processing	1,000 pounds 2,130,826
Removed for edible use in processing	1,000 pounds 2,023,603
Removed for inedible use in processing	1,000 pounds 107,223
Peanut	
Refine	
Crude oil processed in refining	1,000 pounds 286,985
Once refined oil produced	1,000 pounds 258,385
Consumption	
Crude oil removed for inedible use in processing	1,000 pounds (D)
Once refined oil removed for use in processing	1,000 pounds 256,606
Removed for edible use in processing	1,000 pounds (D)
Removed for inedible use in processing	1,000 pounds (D)
Sunflower	
Refine	
Crude oil processed in refining	1,000 pounds 464,020
Once refined oil produced	1,000 pounds 439,522
Consumption	
Crude oil removed for inedible use in processing	1,000 pounds (D)
Once refined oil removed for use in processing	1,000 pounds 487,489
Removed for edible use in processing	1,000 pounds (D)
Removed for inedible use in processing	1,000 pounds (D)
Vegetable foots, raw and acidulated	
Refine	
Oil produced	1,000 pounds (D)
Consumption	
Oil removed for inedible use in processing	1,000 pounds (D)

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Animal Fats and Oils Production, Consumption and Stocks – United States: 2016

Item	January 2016	February 2016	March 2016	April 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease				
Production.....	111,920	111,901	112,681	111,103
Removed for inedible use.....	111,080	110,190	110,810	111,044
Stocks on hand end of month.....	10,395	11,793	11,811	11,969
Fatty acids				
Production.....	(S)	(S)	(S)	(S)
Stocks on hand end of month.....	(S)	(S)	(S)	(S)
Feather meal				
Production.....	93,070	98,226	96,025	94,072
Stocks on hand end of month.....	18,277	16,836	16,192	19,795
Glycerin, crude				
Production.....	(S)	(S)	(S)	(S)
Processed in refining.....	(S)	(S)	(S)	(S)
Stocks on hand end of month.....	(S)	(S)	(S)	(S)
Glycerin, refined				
Production.....	(S)	(S)	(S)	(S)
Stocks on hand end of month.....	(S)	(S)	(S)	(S)
Lard				
Production.....	28,209	35,325	26,542	28,245
Removed for use in processing.....	31,140	35,556	26,673	28,718
Removed for edible use in processing.....	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)	(D)
Stocks on hand end of month.....	9,791	10,472	11,498	12,416
Meat meal, meat and bone meal, and dry rendered tankage				
Production.....	474,699	497,462	495,307	469,177
Stocks on hand end of month.....	54,360	45,912	45,464	43,428
Other grease				
Production.....	54,109	51,305	58,085	55,198
Removed for inedible use in processing.....	57,431	52,925	56,198	55,881
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Poultry fats				
Production.....	197,011	206,596	207,255	198,257
Removed for inedible use in processing.....	194,904	210,263	206,182	196,734
Stocks on hand end of month.....	21,459	17,594	19,844	21,347
Poultry by-product meals				
Production.....	245,249	260,162	250,708	246,193
Stocks on hand end of month.....	46,977	43,408	42,813	50,498
Tallow, edible				
Production.....	88,857	77,272	62,600	76,064
Removed for use in processing.....	93,843	76,987	64,704	76,078
Removed for edible use in processing.....	90,636	(D)	(D)	(D)
Removed for inedible use in processing.....	3,207	(D)	(D)	(D)
Stocks on hand end of month.....	12,969	15,634	14,674	16,214
Tallow, inedible				
Production.....	276,798	281,038	287,102	275,434
Removed for inedible use in processing.....	272,649	284,339	292,582	281,517
Stocks on hand end of month.....	87,804	84,623	81,601	76,974
Tallow, technical				
Production.....	91,109	118,065	92,732	84,550
Removed for inedible use in processing.....	99,877	126,167	104,112	92,387
Stocks on hand end of month.....	15,428	12,946	13,189	12,408
Yellow grease				
Production.....	147,716	160,255	194,203	167,301
Removed for inedible use in processing.....	164,031	155,555	181,581	171,403
Stocks on hand end of month.....	74,152	80,905	92,854	86,614

See footnote(s) at end of table.

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Animal Fats and Oils Production, Consumption and Stocks – United States: 2016 (continued)

Item	May 2016	June 2016	July 2016	August 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease				
Production	116,462	115,558	95,777	114,603
Removed for inedible use	115,463	115,517	96,897	115,996
Stocks on hand end of month	12,861	12,825	12,252	11,268
Fatty acids				
Production	(S)	(S)	(S)	(S)
Stocks on hand end of month	(S)	(S)	(S)	(S)
Feather meal				
Production	97,415	98,910	91,725	101,611
Stocks on hand end of month	20,674	17,726	19,076	20,373
Glycerin, crude				
Production	(S)	(S)	(S)	(S)
Processed in refining	(S)	(S)	(S)	(S)
Stocks on hand end of month	(S)	(S)	(S)	(S)
Glycerin, refined				
Production	(S)	(S)	(S)	(S)
Stocks on hand end of month	(S)	(S)	(S)	(S)
Lard				
Production	31,471	27,802	22,838	27,542
Removed for use in processing.....	30,376	29,918	27,791	28,872
Removed for edible use in processing	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)	(D)
Stocks on hand end of month	12,486	10,253	11,251	8,276
Meat meal, meat and bone meal, and dry rendered tankage				
Production	510,653	492,239	444,643	523,656
Stocks on hand end of month	46,803	45,154	49,154	49,067
Other grease				
Production	59,082	59,515	56,708	53,022
Removed for inedible use in processing.....	60,419	56,859	50,859	50,439
Stocks on hand end of month	(D)	(D)	(D)	(D)
Poultry fats				
Production	211,672	209,324	191,219	220,418
Removed for inedible use in processing.....	211,493	209,156	191,277	217,721
Stocks on hand end of month	21,550	21,714	21,652	24,937
Poultry by-product meals				
Production	262,634	254,393	237,469	269,451
Stocks on hand end of month	55,626	43,738	46,749	59,168
Tallow, edible				
Production	83,169	74,100	67,837	79,711
Removed for use in processing.....	84,325	75,946	69,760	81,365
Removed for edible use in processing	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)	(D)
Stocks on hand end of month	16,808	16,177	15,862	16,737
Tallow, inedible				
Production	291,743	290,235	267,045	304,113
Removed for inedible use in processing.....	290,770	287,121	260,958	304,938
Stocks on hand end of month	71,354	78,061	81,101	82,904
Tallow, technical				
Production	112,546	97,704	85,729	117,708
Removed for inedible use in processing.....	120,518	106,150	91,622	124,528
Stocks on hand end of month	12,358	13,020	13,475	10,432
Yellow grease				
Production	166,724	181,812	158,542	172,990
Removed for inedible use in processing.....	170,951	186,012	163,555	164,968
Stocks on hand end of month	79,929	77,887	74,228	84,021

See footnote(s) at end of table.

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Animal Fats and Oils Production, Consumption and Stocks – United States: 2016 (continued)

Item	September 2016	October 2016	November 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease				
Production.....	112,216	116,183	127,696	121,400
Removed for inedible use.....	110,832	115,514	128,052	124,399
Stocks on hand end of month.....	13,077	13,914	13,656	10,463
Fatty acids				
Production.....	(S)	(S)	(S)	(S)
Stocks on hand end of month.....	(S)	(S)	(S)	(S)
Feather meal				
Production.....	96,961	93,992	103,760	96,485
Stocks on hand end of month.....	18,460	23,806	22,997	17,039
Glycerin, crude				
Production.....	(S)	(S)	(S)	(S)
Processed in refining.....	(S)	(S)	(S)	(S)
Stocks on hand end of month.....	(S)	(S)	(S)	(S)
Glycerin, refined				
Production.....	(S)	(S)	(S)	(S)
Stocks on hand end of month.....	(S)	(S)	(S)	(S)
Lard				
Production.....	30,362	33,270	35,670	41,586
Removed for use in processing.....	29,845	33,841	37,204	42,776
Removed for edible use in processing.....	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)	(D)
Stocks on hand end of month.....	9,144	7,255	7,661	(D)
Meat meal, meat and bone meal, and dry rendered tankage				
Production.....	489,606	491,455	548,073	540,870
Stocks on hand end of month.....	56,741	58,536	62,871	60,233
Other grease				
Production.....	60,357	78,086	85,048	70,213
Removed for inedible use in processing.....	62,161	86,208	77,543	72,635
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Poultry fats				
Production.....	209,206	197,480	207,194	198,816
Removed for inedible use in processing.....	211,536	196,654	204,038	204,487
Stocks on hand end of month.....	22,649	23,470	26,540	20,637
Poultry by-product meals				
Production.....	259,234	250,062	254,462	257,030
Stocks on hand end of month.....	57,767	64,897	64,465	49,846
Tallow, edible				
Production.....	68,841	67,281	81,756	75,621
Removed for use in processing.....	69,200	71,007	85,476	75,240
Removed for edible use in processing.....	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)	(D)
Stocks on hand end of month.....	17,062	15,230	15,792	23,394
Tallow, inedible				
Production.....	310,898	284,782	316,296	314,080
Removed for inedible use in processing.....	310,377	287,010	316,000	309,464
Stocks on hand end of month.....	84,911	92,570	85,897	89,800
Tallow, technical				
Production.....	103,861	110,249	125,974	99,891
Removed for inedible use in processing.....	111,198	118,756	130,307	108,418
Stocks on hand end of month.....	13,136	12,207	14,608	17,540
Yellow grease				
Production.....	183,125	157,019	161,550	169,013
Removed for inedible use in processing.....	178,108	161,472	156,209	181,148
Stocks on hand end of month.....	89,281	84,076	87,201	76,163

See footnote(s) at end of table.

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Animal Fats and Oils Production, Consumption and Stocks – United States: 2016 (continued)

Item	Total 2016 (1,000 pounds)
Choice white grease	
Production	1,367,500
Removed for inedible use	1,365,794
Fatty acids	
Production	(S)
Feather meal	
Production	1,162,252
Glycerin, crude	
Production	(S)
Processed in refining	(S)
Glycerin, refined	
Production	(S)
Lard	
Production	368,862
Removed for use in processing.....	382,710
Removed for edible use in processing	(D)
Removed for inedible use in processing.....	(D)
Meat meal, meat and bone meal, and dry rendered tankage	
Production	5,977,840
Other grease	
Production	740,728
Removed for inedible use in processing.....	739,558
Poultry fats	
Production	2,454,448
Removed for inedible use in processing.....	2,454,445
Poultry by-product meals	
Production	3,047,047
Tallow, edible	
Production	903,109
Removed for use in processing.....	923,931
Removed for edible use in processing	903,900
Removed for inedible use in processing.....	20,031
Tallow, inedible	
Production	3,499,564
Removed for inedible use in processing.....	3,497,725
Tallow, technical	
Production	1,240,118
Removed for inedible use in processing.....	1,334,040
Yellow grease	
Production	2,020,602
Removed for inedible use in processing.....	2,035,392

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

Statistical Methodology

Survey Procedures: *Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Animal and vegetable fats and oils data are collected from all known facilities that crush, refine or render. Crushing facilities include processors that use either solvent extraction or continuous screw press.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of rendering, oilseeds crushing, and crude oil refining in 2014.

In the Animal and Vegetable Fats and Oils survey questionnaire, facilities are asked for previous calendar month data on oilseed crushing, crude oil production, once refined oil production, rendering production, and end of month stocks. Facilities are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

Estimating Procedures: Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

Revision Policy: Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

Reliability: Survey data are based on a census of all known facilities and therefore, have no sampling variability. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

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