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# Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks 2015 Summary

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# USDA





## 2015 Fats and Oils Oilseed Crushings, Production, Consumption and Stocks Data Published

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2015 Annual Summary of the *Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks* contains data for May through December of 2015. Annual totals are not included in this report since a partial year was collected and summarized.

While the program was in place during 2015, monthly totals of **soybeans crushed** for crude oil ranged from 4.04 million tons in September 2015 to 5.10 million tons in October 2015. Crude oil production ranged from 1.53 billion pounds to 1.96 billion pounds. The two regions with the largest amount of crush were the North and East Region, which is comprised of Indiana, Kentucky, Maryland, Ohio, Pennsylvania, and Virginia, and the Iowa Region.

**Canola seeds crushed** for crude oil spanned between 99.1 thousand tons crushed in October 2015 to 187.4 thousand tons in September 2015.

Tallow was published in three categories (edible, inedible, and technical). The largest percentage of tallow production was **inedible tallow** at approximately 63%. **Choice white grease production** ranged from 107.2 million pounds during August 2015 to 118.8 million pounds in May 2015.

## Soybean Crushing, Production, Consumption and Stocks – United States: 2015

Item	May 2015	June 2015	July 2015	August 2015
<b>Crush</b>				
Soybeans crushed ..... tons	4,682,322	4,549,103	4,672,921	4,337,340
Crude oil produced ..... 1,000 pounds	1,754,179	1,708,286	1,738,053	1,626,655
Cake and meal produced ..... tons	3,472,958	3,380,130	3,468,950	3,193,281
For animal feed ..... tons	3,432,552	3,332,573	3,412,727	3,133,606
For edible protein products ..... tons	40,406	47,557	56,223	59,675
Millfeed produced ..... tons	235,330	226,653	235,788	223,371
<b>Refine</b>				
Crude oil processed in refining ..... 1,000 pounds	1,439,683	1,499,818	1,462,350	1,437,891
Once refined oil produced ..... 1,000 pounds	1,400,207	1,458,282	1,425,963	1,406,585
<b>Consumption</b>				
Crude oil removed for inedible use in processing ..... 1,000 pounds	(D)	(D)	(D)	116,726
Once refined oil removed for use in processing ..... 1,000 pounds	1,348,234	1,448,372	1,410,582	1,394,520
Removed for edible use in processing ..... 1,000 pounds	1,078,712	1,158,925	1,088,812	1,117,803
Removed for inedible use in processing ..... 1,000 pounds	269,522	289,447	321,770	276,717
<b>Stocks</b>				
Cake and meal on hand end of month ..... tons	456,016	300,225	310,185	306,757
Millfeed on hand end of month ..... tons	51,724	34,400	36,698	32,480
Crude oil on hand end of month ..... 1,000 pounds	1,812,875	1,773,201	1,791,738	1,661,276
Crusher ..... 1,000 pounds	1,054,953	1,027,209	993,484	823,426
Refiner ..... 1,000 pounds	254,724	266,861	255,926	331,736
Offsite ..... 1,000 pounds	503,198	479,131	542,328	506,114
Once refined oil on hand end of month ..... 1,000 pounds	376,449	380,046	354,715	338,446

See footnote(s) at end of table.

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## Soybean Crushing, Production, Consumption and Stocks – United States: 2015 (continued)

Item	September 2015	October 2015	November 2015	December 2015
<b>Crush</b>				
Soybeans crushed ..... tons	4,036,896	5,104,010	4,973,534	5,011,324
Crude oil produced .....1,000 pounds	1,531,282	1,962,937	1,901,853	1,929,027
Cake and meal produced ..... tons	2,974,159	3,742,412	3,655,750	3,669,213
For animal feed ..... tons	2,934,985	3,684,955	3,600,752	3,610,090
For edible protein products ..... tons	39,174	57,457	54,998	59,123
Millfeed produced ..... tons	200,994	258,909	251,965	262,266
<b>Refine</b>				
Crude oil processed in refining .....1,000 pounds	1,435,640	1,610,904	1,461,965	1,445,949
Once refined oil produced .....1,000 pounds	1,396,101	1,575,910	1,433,449	1,401,107
<b>Consumption</b>				
Crude oil removed for inedible use in processing .....1,000 pounds	(D)	(D)	90,941	112,270
Once refined oil removed for use in processing .....1,000 pounds	1,344,392	1,530,330	1,390,793	1,337,705
Removed for edible use in processing .....1,000 pounds	1,098,750	1,258,068	1,121,110	1,053,797
Removed for inedible use in processing .....1,000 pounds	245,642	272,262	269,683	283,908
<b>Stocks</b>				
Cake and meal on hand end of month ..... tons	240,755	360,253	342,962	270,421
Millfeed on hand end of month ..... tons	19,709	33,515	38,826	31,927
Crude oil on hand end of month .....1,000 pounds	1,516,385	1,569,861	1,545,181	1,576,849
Crusher .....1,000 pounds	736,754	747,770	750,725	778,789
Refiner .....1,000 pounds	275,561	270,002	267,049	304,192
Offsite .....1,000 pounds	504,070	552,089	527,407	493,868
Once refined oil on hand end of month .....1,000 pounds	338,433	370,508	420,677	395,661

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

## Soybean Crushing – Regional: 2015

Region	Soybeans crushed			
	May 2015	June 2015	July 2015	August 2015
	(tons)	(tons)	(tons)	(tons)
Illinois .....	527,050	606,566	553,006	592,782
Iowa .....	999,851	1,042,505	963,713	924,771
North and East <sup>1</sup> .....	1,122,112	1,069,307	1,107,382	967,985
North Central <sup>2</sup> .....	586,822	515,011	662,728	644,551
South, West and Pacific <sup>3</sup> .....	630,186	551,190	607,366	535,207
West Central <sup>4</sup> .....	816,301	764,524	778,726	672,044
Region	Crude oil produced			
	May 2015	June 2015	July 2015	August 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois .....	199,753	229,969	210,218	229,564
Iowa .....	373,025	384,007	355,836	343,825
North and East <sup>1</sup> .....	411,841	395,927	405,282	356,274
North Central <sup>2</sup> .....	221,107	198,012	244,417	240,608
South, West and Pacific <sup>3</sup> .....	235,004	207,559	228,211	200,663
West Central <sup>4</sup> .....	313,449	292,812	294,089	255,721
Region	Crude oil stocks at crusher			
	May 2015	June 2015	July 2015	August 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois .....	263,758	260,325	235,709	186,815
Iowa .....	154,548	176,662	159,745	148,111
North and East <sup>1</sup> .....	233,055	210,258	193,378	161,482
North Central <sup>2</sup> .....	220,252	177,279	185,604	193,973
South, West and Pacific <sup>3</sup> .....	52,299	61,165	67,866	43,847
West Central <sup>4</sup> .....	131,041	141,520	151,182	89,198
Region	Cake and meal produced			
	May 2015	June 2015	July 2015	August 2015
	(tons)	(tons)	(tons)	(tons)
Illinois .....	384,474	443,421	402,832	437,569
Iowa .....	741,843	771,184	713,971	679,922
North and East <sup>1</sup> .....	836,302	800,609	823,075	716,415
North Central <sup>2</sup> .....	447,321	391,598	501,675	477,627
South, West and Pacific <sup>3</sup> .....	458,922	405,561	445,672	390,476
West Central <sup>4</sup> .....	604,096	567,757	581,725	491,272
Region	Cake and meal stocks			
	May 2015	June 2015	July 2015	August 2015
	(tons)	(tons)	(tons)	(tons)
Illinois .....	74,899	61,107	64,068	57,547
Iowa .....	93,268	62,259	54,557	46,941
North and East <sup>1</sup> .....	105,526	69,294	94,817	78,902
North Central <sup>2</sup> .....	57,914	21,242	28,561	31,862
South, West and Pacific <sup>3</sup> .....	50,768	53,669	45,137	42,426
West Central <sup>4</sup> .....	73,641	32,654	23,045	49,079

See footnote(s) at end of table.

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## Soybean Crushing – Regional: 2015 (continued)

Region	Soybeans crushed			
	September 2015	October 2015	November 2015	December 2015
	(tons)	(tons)	(tons)	(tons)
Illinois .....	484,419	555,931	580,134	587,325
Iowa .....	875,192	1,085,673	1,117,349	1,118,485
North and East <sup>1</sup> .....	1,016,594	1,251,197	1,186,723	1,105,040
North Central <sup>2</sup> .....	591,078	745,497	675,509	709,052
South, West and Pacific <sup>3</sup> .....	509,672	656,450	653,803	665,297
West Central <sup>4</sup> .....	559,941	809,262	760,016	826,125
Region	Crude oil produced			
	September 2015	October 2015	November 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois .....	187,146	215,171	224,717	232,176
Iowa .....	327,503	414,237	424,938	427,106
North and East <sup>1</sup> .....	381,500	478,700	449,049	425,422
North Central <sup>2</sup> .....	223,883	288,655	261,263	275,314
South, West and Pacific <sup>3</sup> .....	198,914	255,682	251,126	252,254
West Central <sup>4</sup> .....	212,336	310,492	290,760	316,755
Region	Crude oil stocks at crusher			
	September 2015	October 2015	November 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois .....	164,881	83,246	87,395	91,653
Iowa .....	103,783	109,952	134,659	147,848
North and East <sup>1</sup> .....	175,137	232,422	203,856	198,288
North Central <sup>2</sup> .....	176,772	191,806	204,776	227,072
South, West and Pacific <sup>3</sup> .....	49,694	64,052	62,928	64,403
West Central <sup>4</sup> .....	66,487	66,292	57,111	49,525
Region	Cake and meal produced			
	September 2015	October 2015	November 2015	December 2015
	(tons)	(tons)	(tons)	(tons)
Illinois .....	355,560	398,012	418,043	423,765
Iowa .....	649,413	797,408	835,465	827,142
North and East <sup>1</sup> .....	746,864	917,687	870,005	816,299
North Central <sup>2</sup> .....	441,511	556,667	497,698	516,838
South, West and Pacific <sup>3</sup> .....	366,874	477,898	472,620	475,881
West Central <sup>4</sup> .....	413,937	594,740	561,919	609,288
Region	Cake and meal stocks			
	September 2015	October 2015	November 2015	December 2015
	(tons)	(tons)	(tons)	(tons)
Illinois .....	44,165	51,288	79,993	49,628
Iowa .....	42,035	69,455	64,965	45,944
North and East <sup>1</sup> .....	53,217	95,336	65,415	77,279
North Central <sup>2</sup> .....	26,602	31,603	23,946	23,431
South, West and Pacific <sup>3</sup> .....	38,902	66,479	65,399	35,663
West Central <sup>4</sup> .....	35,834	46,092	43,244	38,476

<sup>1</sup> North and East includes Indiana, Kentucky, Maryland, Ohio, Pennsylvania and Virginia.

<sup>2</sup> North Central includes Michigan, Minnesota, North Dakota and South Dakota.

<sup>3</sup> South, West, and Pacific includes Alabama, Arkansas, California, Georgia, Louisiana, North Carolina and South Carolina.

<sup>4</sup> West Central includes Kansas, Missouri and Nebraska.

**Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2015**

Item	May 2015	June 2015	July 2015	August 2015
<b>Canola</b>				
Crush				
Seeds crushed ..... tons	114,135	104,149	161,341	147,512
Crude oil produced ..... 1,000 pounds	96,026	88,704	134,932	120,026
Cake and meal produced ..... tons	65,606	60,068	92,243	82,076
Refine				
Crude oil processed in refining ..... 1,000 pounds	141,220	110,561	145,288	132,503
Once refined oil produced ..... 1,000 pounds	137,706	107,139	133,466	128,794
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	133,378	121,328	140,035	132,656
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)	37,336	(D)
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	66,066	73,802	74,395	83,700
<b>Cottonseed</b>				
Crush				
Seeds crushed ..... tons	141,846	125,787	110,345	97,738
Crude oil produced ..... 1,000 pounds	43,639	38,971	33,035	29,271
Cake and meal produced ..... tons	64,958	55,528	49,101	44,806
Refine				
Crude oil processed in refining ..... 1,000 pounds	54,697	49,090	52,009	45,192
Once refined oil produced ..... 1,000 pounds	53,547	48,705	51,578	43,886
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	51,442	55,723	59,450	43,476
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	53,074	56,310	58,230	46,450
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	43,617	43,662	36,572	36,458
<b>Coconut</b>				
Refine				
Crude oil processed in refining ..... 1,000 pounds	40,119	47,981	54,219	56,689
Once refined oil produced ..... 1,000 pounds	38,530	46,882	52,447	55,403
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	62,128	68,679	74,903	77,537
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	85,109	92,718	97,939	89,674
Once refined oil on hand end of month ..... 1,000 pounds	26,409	18,312	18,994	25,624
<b>Corn</b>				
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: 2015 (continued)**

Item	September 2015	October 2015	November 2015	December 2015
<b>Canola</b>				
Crush				
Seeds crushed .....	187,362	99,117	128,925	165,762
Crude oil produced .....	157,247	81,606	108,222	135,689
Cake and meal produced .....	103,385	55,587	71,958	91,746
Refine				
Crude oil processed in refining .....	141,649	85,389	99,481	102,980
Once refined oil produced .....	134,121	82,822	98,094	96,540
Consumption				
Crude oil removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing .....	157,011	86,736	91,462	98,205
Removed for edible use in processing .....	(D)	86,736	(D)	(D)
Removed for inedible use in processing .....	(D)	-	(D)	(D)
Stocks				
Cake and meal on hand end of month .....	(D)	(D)	(D)	(D)
Crude oil on hand end of month .....	(D)	(D)	(D)	(D)
Once refined oil on hand end of month .....	67,337	57,349	55,944	72,843
<b>Cottonseed</b>				
Crush				
Seeds crushed .....	116,505	123,060	135,714	149,644
Crude oil produced .....	36,021	37,719	41,950	46,826
Cake and meal produced .....	54,485	58,556	61,007	70,040
Refine				
Crude oil processed in refining .....	49,427	50,383	50,854	54,603
Once refined oil produced .....	47,255	48,556	49,486	54,020
Consumption				
Crude oil removed for inedible use in processing .....	-	-	(D)	-
Once refined oil removed for use in processing .....	39,487	50,839	44,338	44,042
Removed for edible use in processing .....	(D)	(D)	(D)	(D)
Removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month .....	42,316	44,836	43,407	47,977
Crude oil on hand end of month .....	(D)	(D)	(D)	(D)
Once refined oil on hand end of month .....	48,635	46,670	47,772	49,144
<b>Coconut</b>				
Refine				
Crude oil processed in refining .....	46,965	40,128	53,810	35,724
Once refined oil produced .....	45,628	38,908	52,472	35,270
Consumption				
Crude oil removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing .....	72,119	62,046	71,061	50,075
Removed for edible use in processing .....	(D)	(D)	(D)	(D)
Removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month .....	108,123	112,588	85,510	99,332
Once refined oil on hand end of month .....	25,782	30,512	30,517	31,137
<b>Corn</b>				
Refine				
Crude oil processed in refining .....	(S)	(S)	(S)	(S)
Once refined oil produced .....	(S)	(S)	(S)	(S)
Consumption				
Crude oil removed for inedible use in processing .....	(S)	(S)	(S)	(S)
Once refined oil removed for use in processing .....	(S)	(S)	(S)	(S)
Removed for edible use in processing .....	(S)	(S)	(S)	(S)
Removed for inedible use in processing .....	(S)	(S)	(S)	(S)
Stocks				
Crude oil on hand end of month .....	(S)	(S)	(S)	(S)
Once refined oil on hand end of month .....	(S)	(S)	(S)	(S)

See footnote(s) at end of table.

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**Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2015 (continued)**

Item	May 2015	June 2015	July 2015	August 2015
<b>Olives</b>				
Crush				
Crushed for oil .....	-	-	-	-
Virgin oil produced .....	-	-	-	-
Refine				
Refined oil produced .....	(D)	(D)	(D)	(D)
Consumption				
Refined oil removed for use in processing .....	(D)	(D)	(D)	(D)
Removed for edible use in processing .....	(D)	(D)	(D)	(D)
Removed for inedible use in processing .....	(D)	(D)	-	-
Stocks				
Virgin oil on hand end of month .....	(D)	(D)	(D)	(D)
Refined oil on hand end of month .....	(D)	(D)	(D)	(D)
<b>Palm kernel</b>				
Consumption				
Once refined oil removed for use in processing .....	33,465	29,973	29,768	34,387
Removed for edible use in processing .....	(D)	(D)	(D)	(D)
Removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month .....	90,109	84,513	97,557	81,101
<b>Palm</b>				
Consumption				
Once refined oil removed for use in processing .....	141,603	157,995	178,735	170,257
Removed for edible use in processing .....	136,910	147,667	165,458	164,502
Removed for inedible use in processing .....	4,693	10,328	13,277	5,755
Stocks				
Once refined oil on hand end of month .....	377,332	365,663	352,521	346,704
<b>Peanut</b>				
Refine				
Crude oil processed in refining .....	(D)	25,611	22,970	18,675
Once refined oil produced .....	(D)	23,546	21,184	16,713
Consumption				
Crude oil removed for inedible use in processing .....	-	(D)	(D)	(D)
Once refined oil removed for use in processing .....	(D)	19,820	22,219	17,761
Removed for edible use in processing .....	(D)	19,820	(D)	(D)
Removed for inedible use in processing .....	-	-	(D)	(D)
Stocks				
Crude oil on hand end of month .....	18,612	13,465	16,926	16,452
Once refined oil on hand end of month .....	10,513	(D)	(D)	(D)
<b>Sunflower</b>				
Refine				
Crude oil processed in refining .....	22,169	37,175	33,797	43,479
Once refined oil produced .....	20,501	35,177	31,997	40,916
Consumption				
Crude oil removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing .....	25,416	33,317	34,818	30,139
Removed for edible use in processing .....	(D)	(D)	(D)	(D)
Removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month .....	31,163	24,803	53,153	37,676
Once refined oil on hand end of month .....	23,254	23,155	18,487	31,638
<b>Vegetable foots, raw and acidulated</b>				
Refine				
Oil produced .....	(D)	(D)	(D)	27,523
Consumption				
Oil removed for inedible use in processing .....	(D)	(D)	(D)	(D)
Stocks				
Oil on hand end of month .....	23,141	24,501	28,863	16,553

See footnote(s) at end of table.

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**Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2015 (continued)**

Item	September 2015	October 2015	November 2015	December 2015
<b>Olives</b>				
Crush				
Crushed for oil ..... tons	(D)	(D)	(D)	(D)
Virgin oil produced .....1,000 pounds	(D)	(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)	-	-	-
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)	510
<b>Palm kernel</b>				
Consumption				
Once refined oil removed for use in processing .....1,000 pounds	33,570	41,397	30,797	37,003
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	86,719	90,368	122,672	124,857
<b>Palm</b>				
Consumption				
Once refined oil removed for use in processing .....1,000 pounds	177,219	194,332	175,526	171,269
Removed for edible use in processing .....1,000 pounds	165,349	184,030	169,454	163,525
Removed for inedible use in processing .....1,000 pounds	11,870	10,302	6,072	7,744
Stocks				
Once refined oil on hand end of month .....1,000 pounds	364,151	379,381	422,115	473,268
<b>Peanut</b>				
Refine				
Crude oil processed in refining .....1,000 pounds	25,271	35,971	26,563	(D)
Once refined oil produced .....1,000 pounds	23,134	33,210	24,371	(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	23,048	30,347	23,256	(D)
Removed for edible use in processing .....1,000 pounds	23,048	(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	21,213	12,062	(D)	(D)
Once refined oil on hand end of month .....1,000 pounds	(D)	(D)	(D)	(D)
<b>Sunflower</b>				
Refine				
Crude oil processed in refining .....1,000 pounds	22,773	44,642	39,719	41,254
Once refined oil produced .....1,000 pounds	21,675	42,502	38,630	39,688
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	26,731	37,260	30,517	36,787
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)	54,688	68,834	53,659
Once refined oil on hand end of month .....1,000 pounds	20,869	25,967	34,294	33,464
<b>Vegetable foots, raw and acidulated</b>				
Refine				
Oil produced .....1,000 pounds	28,941	25,188	25,939	25,912
Consumption				
Oil removed for inedible use in processing .....1,000 pounds	31,753	26,224	28,933	25,722
Stocks				
Oil on hand end of month .....1,000 pounds	22,835	11,286	11,357	21,987

- 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: 2015

Item	May 2015	June 2015	July 2015	August 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Choice white grease</b>				
Production .....	118,849	116,705	107,580	107,163
Removed for inedible use .....	119,328	115,031	109,442	103,818
Stocks on hand end of month .....	19,634	18,840	15,131	17,240
<b>Fatty acids</b>				
Production .....	(S)	(S)	(S)	(S)
Stocks on hand end of month .....	(S)	(S)	(S)	(S)
<b>Feather meal</b>				
Production .....	93,489	91,527	92,653	97,549
Stocks on hand end of month .....	17,034	15,885	17,744	17,288
<b>Glycerin, crude</b>				
Production .....	(S)	(S)	(S)	(S)
Processed in refining .....	(S)	(S)	(S)	(S)
Stocks on hand end of month .....	(S)	(S)	(S)	(S)
<b>Glycerin, refined</b>				
Production .....	(S)	(S)	(S)	(S)
Stocks on hand end of month .....	(S)	(S)	(S)	(S)
<b>Lard</b>				
Production .....	25,338	28,884	24,504	32,120
Removed for use in processing .....	25,917	28,705	29,665	43,023
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 .....	17,447	14,308	7,393	(D)
<b>Meat meal, meat and bone meal, and dry rendered tankage</b>				
Production .....	495,421	473,234	397,569	423,079
Stocks on hand end of month .....	89,480	66,311	63,128	71,562
<b>Other grease</b>				
Production .....	65,928	71,689	77,704	74,569
Removed for inedible use in processing .....	67,602	72,204	73,185	75,898
Stocks on hand end of month .....	(D)	(D)	(D)	(D)
<b>Poultry fats</b>				
Production .....	189,379	181,315	173,661	190,825
Removed for inedible use in processing .....	175,006	178,860	146,729	185,108
Stocks on hand end of month .....	20,372	15,850	18,658	18,194
<b>Poultry by-product meals</b>				
Production .....	248,878	235,049	227,466	252,901
Stocks on hand end of month .....	60,308	49,412	54,509	55,666
<b>Tallow, edible</b>				
Production .....	67,807	64,251	60,035	57,280
Removed for use in processing .....	77,196	65,558	70,912	78,202
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 .....	28,753	31,895	25,919	23,430
<b>Tallow, inedible</b>				
Production .....	296,905	284,102	251,530	267,221
Removed for inedible use in processing .....	298,733	297,329	254,916	247,073
Stocks on hand end of month .....	98,909	92,079	85,660	108,501
<b>Tallow, technical</b>				
Production .....	102,098	86,150	85,997	100,321
Removed for inedible use in processing .....	103,538	85,661	95,951	106,374
Stocks on hand end of month .....	(D)	(D)	31,125	28,200
<b>Yellow grease</b>				
Production .....	155,319	173,967	155,237	160,926
Removed for inedible use in processing .....	139,568	165,451	145,397	152,346
Stocks on hand end of month .....	95,456	92,012	93,151	98,283

See footnote(s) at end of table.

--continued

**Animal Fats and Oils Production, Consumption and Stocks – United States: 2015 (continued)**

Item	September 2015	October 2015	November 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Choice white grease</b>				
Production .....	118,144	114,187	116,647	117,902
Removed for inedible use .....	122,376	115,087	117,543	119,056
Stocks on hand end of month .....	12,490	11,338	10,715	9,253
<b>Fatty acids</b>				
Production .....	(S)	(S)	(S)	(S)
Stocks on hand end of month .....	(S)	(S)	(S)	(S)
<b>Feather meal</b>				
Production .....	100,570	91,910	98,132	90,908
Stocks on hand end of month .....	20,082	19,777	19,215	19,785
<b>Glycerin, crude</b>				
Production .....	(S)	(S)	(S)	(S)
Processed in refining .....	(S)	(S)	(S)	(S)
Stocks on hand end of month .....	(S)	(S)	(S)	(S)
<b>Glycerin, refined</b>				
Production .....	(S)	(S)	(S)	(S)
Stocks on hand end of month .....	(S)	(S)	(S)	(S)
<b>Lard</b>				
Production .....	31,434	29,825	32,776	29,998
Removed for use in processing .....	30,654	28,841	32,593	29,534
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 .....	6,436	6,676	6,334	8,619
<b>Meat meal, meat and bone meal, and dry rendered tankage</b>				
Production .....	493,284	466,020	488,082	511,225
Stocks on hand end of month .....	51,930	60,677	58,432	57,972
<b>Other grease</b>				
Production .....	78,227	57,552	56,696	56,127
Removed for inedible use in processing .....	80,407	68,165	55,378	57,101
Stocks on hand end of month .....	(D)	(D)	(D)	(D)
<b>Poultry fats</b>				
Production .....	199,998	202,707	208,092	198,753
Removed for inedible use in processing .....	190,134	203,971	204,600	192,601
Stocks on hand end of month .....	22,899	18,546	18,535	22,056
<b>Poultry by-product meals</b>				
Production .....	261,440	235,528	250,461	236,453
Stocks on hand end of month .....	60,971	54,488	50,244	53,622
<b>Tallow, edible</b>				
Production .....	85,849	83,526	83,941	78,930
Removed for use in processing .....	95,652	88,788	84,042	86,352
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 .....	29,013	23,112	23,250	16,667
<b>Tallow, inedible</b>				
Production .....	270,022	275,016	303,999	287,203
Removed for inedible use in processing .....	277,329	271,842	303,543	288,841
Stocks on hand end of month .....	93,732	94,478	92,336	90,866
<b>Tallow, technical</b>				
Production .....	84,581	82,800	105,338	94,100
Removed for inedible use in processing .....	108,020	89,169	111,404	102,820
Stocks on hand end of month .....	10,016	13,261	14,063	13,100
<b>Yellow grease</b>				
Production .....	169,938	151,888	146,001	170,566
Removed for inedible use in processing .....	184,272	159,747	141,867	166,779
Stocks on hand end of month .....	83,656	75,133	79,475	90,019

(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](mailto:nass@nass.usda.gov).

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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](mailto:nass@nass.usda.gov).

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