



Fats and Oils: Oilseed Crashings, Production, Consumption and Stocks

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Highlights

May 2020 contained 31 days.

June 2020 contained 30 days.

Soybeans crushed for crude oil was 5.32 million tons (177 million bushels) in June 2020, compared with 5.39 million tons (180 million bushels) in May 2020 and 4.73 million tons (158 million bushels) in June 2019. Crude oil produced was 2.04 billion pounds down 1 percent from May 2020 but up 12 percent from June 2019. Soybean once refined oil production at 1.51 billion pounds during June 2020 increased 4 percent from May 2020 and increased 7 percent from June 2019.

Canola seeds crushed for crude oil was 123,242 tons in June 2020, compared with 194,813 tons in May 2020 and 125,124 tons in June 2019. Canola crude oil produced was 106 million pounds, down 35 percent from May 2020 and down 3 percent from June 2019. Canola once refined oil production, at 116 million pounds during June 2020, was down 5 percent from May 2020 but up 6 percent from June 2019.

Cottonseed once refined oil production, at 40.0 million pounds during June 2020, was up 13 percent from May 2020 but down 1 percent from June 2019.

Edible tallow production was 76.8 million pounds during June 2020, up 34 percent from May 2020 but down 12 percent from June 2019. Inedible tallow production was 324 million pounds during June 2020, up 16 percent from May 2020 but down 5 percent from June 2019. Technical tallow production was 111 million pounds during June 2020, up 41 percent from May 2020 and up 36 percent from June 2019. Choice white grease production, at 115 million pounds during June 2020, increased 4 percent from May 2020 and increased 4 percent from June 2019.

**Soybean Crushing, Production, Consumption and Stocks – United States: June 2020
with Comparisons**

Item	June 2019	May 2020	June 2020
Crush			
Soybeans crushed..... tons	4,729,137	5,386,534	5,318,419
Crude oil produced1,000 pounds	1,811,481	2,057,617	2,035,269
Cake and meal produced tons	3,453,178	3,970,047	3,904,725
For animal feed..... tons	3,406,447	3,914,540	3,847,451
For edible protein products tons	46,731	55,507	57,274
Millfeed produced tons	243,145	270,933	262,751
Refine			
Crude oil processed in refining1,000 pounds	1,438,233	1,489,672	1,543,842
Once refined oil produced1,000 pounds	1,411,496	1,455,183	1,511,265
Consumption			
Crude oil removed for inedible use in processing.....1,000 pounds	91,283	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	1,455,630	1,476,292	1,583,061
Removed for edible use in processing1,000 pounds	1,038,178	1,093,508	1,174,266
Removed for inedible use in processing1,000 pounds	417,452	382,784	408,795
Stocks			
Cake and meal on hand end of month tons	376,025	442,173	420,426
Millfeed on hand end of month tons	48,431	55,674	41,877
Crude oil on hand end of month1,000 pounds	1,595,273	2,048,992	1,925,583
Crusher.....1,000 pounds	802,215	875,584	773,161
Refiner.....1,000 pounds	402,875	431,345	450,977
Offsite.....1,000 pounds	390,183	742,063	701,445
Once refined oil on hand end of month1,000 pounds	419,147	398,256	345,083

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

Soybean Crushing – Regional: June 2020 with Comparisons

Region	Soybeans crushed		
	June 2019	May 2020	June 2020
	(tons)	(tons)	(tons)
Illinois	513,588	576,483	667,194
Iowa	921,588	1,100,051	982,154
North and East ¹	1,212,672	1,242,434	1,174,651
North Central ²	702,629	854,165	903,057
South, West and Pacific ³	516,578	635,744	649,999
West Central ⁴	862,082	977,657	941,364
Region	Crude oil produced		
	June 2019	May 2020	June 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	204,795	229,132	256,210
Iowa	357,533	419,557	374,079
North and East ¹	455,344	476,061	458,046
North Central ²	264,600	313,372	332,743
South, West and Pacific ³	197,226	243,751	249,481
West Central ⁴	331,983	375,744	364,710
Region	Crude oil stocks at crusher		
	June 2019	May 2020	June 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	151,492	108,904	108,765
Iowa	146,379	173,673	129,901
North and East ¹	189,761	221,161	191,839
North Central ²	215,622	240,293	231,375
South, West and Pacific ³	56,807	61,539	39,877
West Central ⁴	42,154	70,014	71,404
Region	Cake and meal produced		
	June 2019	May 2020	June 2020
	(tons)	(tons)	(tons)
Illinois	374,720	418,999	481,992
Iowa	679,988	806,876	720,800
North and East ¹	883,791	923,780	876,500
North Central ²	516,094	632,245	659,985
South, West and Pacific ³	365,783	463,113	472,294
West Central ⁴	632,802	725,034	693,154
Region	Cake and meal stocks		
	June 2019	May 2020	June 2020
	(tons)	(tons)	(tons)
Illinois	77,454	(D)	82,686
Iowa	85,736	82,284	49,376
North and East ¹	92,581	78,560	116,076
North Central ²	30,992	56,373	64,440
South, West and Pacific ³	31,480	(D)	(D)
West Central ⁴	57,782	72,660	(D)

(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, Mississippi, North Carolina and South Carolina.

⁴ West Central includes Kansas, Missouri and Nebraska.

**Selected Oilseed Crushing, Production, Consumption and Stocks – United States: June 2020
with Comparisons**

Item	June 2019	May 2020	June 2020
Canola			
Crush			
Seeds crushed..... tons	125,124	194,813	123,242
Crude oil produced1,000 pounds	108,332	161,642	105,607
Cake and meal produced..... tons	72,608	107,328	68,666
Refine			
Crude oil processed in refining1,000 pounds	112,974	126,876	119,752
Once refined oil produced.....1,000 pounds	109,656	122,620	115,913
Consumption			
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	142,953	150,691	143,275
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)
Stocks			
Cake and meal on hand end of month tons	(D)	63,239	(D)
Crude oil on hand end of month1,000 pounds	66,768	54,629	46,477
Once refined oil on hand end of month1,000 pounds	87,068	123,808	75,750
Cottonseed			
Crush			
Seeds crushed..... tons	122,379	93,725	130,788
Crude oil produced1,000 pounds	35,572	26,346	37,559
Cake and meal produced..... tons	55,097	39,903	62,368
Refine			
Crude oil processed in refining1,000 pounds	41,564	36,733	41,390
Once refined oil produced.....1,000 pounds	40,296	35,514	40,048
Consumption			
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	38,672	36,406	45,241
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)
Stocks			
Cake and meal on hand end of month tons	48,402	18,182	22,527
Crude oil on hand end of month1,000 pounds	33,015	21,900	(D)
Once refined oil on hand end of month1,000 pounds	24,596	40,258	41,067
Coconut			
Refine			
Crude oil processed in refining1,000 pounds	(D)	(D)	(D)
Once refined oil produced.....1,000 pounds	(D)	(D)	(D)
Consumption			
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	67,806	75,364	49,711
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)
Stocks			
Crude oil on hand end of month1,000 pounds	(D)	(D)	77,694
Once refined oil on hand end of month1,000 pounds	81,210	87,903	(D)
Corn			
Crush			
Crude oil produced1,000 pounds	179,383	177,596	158,267
Refine			
Crude oil processed in refining1,000 pounds	167,895	156,442	161,899
Once refined oil produced.....1,000 pounds	163,110	151,914	156,803
Consumption			
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	163,658	156,899	156,512
Removed for edible use in processing.....1,000 pounds	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)
Stocks			
Crude oil on hand end of month1,000 pounds	28,725	(S)	23,369
Once refined oil on hand end of month1,000 pounds	54,973	32,862	32,835

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: June 2020 with Comparisons (continued)

Item	June 2019	May 2020	June 2020
Palm kernel			
Consumption			
Once refined oil removed for use in processing..... 1,000 pounds	20,315	27,202	38,606
Removed for edible use in processing 1,000 pounds	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)
Stocks			
Once refined oil on hand end of month..... 1,000 pounds	71,366	43,722	67,751
Palm			
Consumption			
Once refined oil removed for use in processing..... 1,000 pounds	167,464	188,552	245,657
Removed for edible use in processing 1,000 pounds	158,385	180,337	241,057
Removed for inedible use in processing..... 1,000 pounds	9,079	8,215	4,600
Stocks			
Once refined oil on hand end of month..... 1,000 pounds	354,896	371,631	431,522
Peanut			
Refine			
Crude oil processed in refining..... 1,000 pounds	20,388	(D)	27,311
Once refined oil produced..... 1,000 pounds	18,754	(D)	25,507
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	17,217	(D)	26,206
Removed for edible use in processing 1,000 pounds	(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	20,750	18,165	18,925
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)
Safflower			
Refine			
Crude oil processed in refining..... 1,000 pounds	(D)	3,950	4,695
Once refined oil produced..... 1,000 pounds	(D)	3,883	4,615
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)	3,060	3,966
Removed for edible use in processing 1,000 pounds	(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	5,569	11,923	13,353
Once refined oil on hand end of month..... 1,000 pounds	1,455	2,991	(D)
Sunflower			
Refine			
Crude oil processed in refining..... 1,000 pounds	42,279	39,909	42,034
Once refined oil produced..... 1,000 pounds	40,315	37,886	39,916
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)	25,194	29,781
Removed for edible use in processing 1,000 pounds	(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	28,465	30,626	33,838
Once refined oil on hand end of month..... 1,000 pounds	23,054	21,132	22,446
Vegetable foots, raw and acidulated			
Refine			
Oil produced..... 1,000 pounds	(D)	(D)	(D)
Consumption			
Oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)
Stocks			
Oil on hand end of month 1,000 pounds	(D)	(D)	(D)

(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: June 2020
with Comparisons**

Item	June 2019 (1,000 pounds)	May 2020 (1,000 pounds)	June 2020 (1,000 pounds)
Choice white grease			
Production	110,237	110,913	114,975
Removed for inedible use	109,944	108,731	113,761
Stocks on hand end of month	5,296	8,011	9,152
Feather meal			
Production	116,046	107,366	96,402
Stocks on hand end of month	32,179	29,834	27,568
Lard			
Production	28,968	18,726	25,203
Removed for use in processing	27,602	18,312	26,364
Removed for edible use in processing	(D)	(D)	(D)
Removed for inedible use in processing	(D)	(D)	(D)
Stocks on hand end of month	17,337	9,259	9,678
Meat meal, meat and bone meal, and dry rendered tankage			
Production	487,970	401,117	433,928
Stocks on hand end of month	55,152	66,791	67,453
Other grease			
Production	40,092	33,402	41,053
Removed for inedible use in processing	37,276	34,566	38,405
Stocks on hand end of month	(D)	(D)	(D)
Poultry fats			
Production	215,804	229,986	207,202
Removed for inedible use in processing	214,760	222,459	207,160
Stocks on hand end of month	27,685	36,139	36,181
Poultry by-product meals			
Production	292,242	315,975	271,874
Stocks on hand end of month	28,736	37,014	36,721
Tallow, edible			
Production	87,709	57,236	76,768
Removed for use in processing	81,476	55,288	89,088
Removed for edible use in processing	(D)	(D)	(D)
Removed for inedible use in processing	(D)	(D)	(D)
Stocks on hand end of month	20,272	25,684	12,512
Tallow, inedible			
Production	340,145	278,733	324,334
Removed for inedible use in processing	329,205	259,179	334,252
Stocks on hand end of month	84,850	107,693	(D)
Tallow, technical			
Production	81,968	78,736	111,176
Removed for inedible use in processing	94,508	84,846	109,836
Stocks on hand end of month	(D)	9,450	(D)
Yellow grease			
Production	193,072	137,095	174,888
Removed for inedible use in processing	192,600	125,235	177,152
Stocks on hand end of month	97,104	78,795	75,682

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

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 Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Weather	(202) 720-7621
Joshua Bates – Oats, Soybeans	(202) 690-3234
David Colwell – Current Agricultural Industrial Reports.....	(202) 720-8800
Chris Hawthorn – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-2127
James Johanson – Barley, County Estimates, Hay	(202) 690-8533
Greg Lemmons – Corn, Flaxseed, Proso Millet	(202) 720-9526
Jean Porter – Rye, Wheat	(202) 720-8068
John Stephens – Peanuts, Rice.....	(202) 720-7688
Travis Thorson – Sunflower, Other Oilseeds	(202) 720-7369

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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@usda.gov.

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