



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

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Highlights

June 2024 contained 30 days.

July 2024 contained 31 days.

Soybeans crushed for crude oil was 5.80 million tons (193 million bushels) in July 2024, compared with 5.51 million tons (184 million bushels) in June 2024 and 5.55 million tons (185 million bushels) in July 2023. Crude oil produced was 2.30 billion pounds, up 6 percent from June 2024 and up 6 percent from July 2023. Soybean once refined oil production at 1.85 billion pounds during July 2024 increased 8 percent from June 2024 and increased 6 percent from July 2023.

Canola seeds crushed for crude oil was 230,516 tons in July 2024, compared with 196,212 tons in June 2024 and 209,247 tons in July 2023. Canola crude oil produced was 183 million pounds, up 15 percent from June 2024 and up 12 percent from July 2023. Canola once refined oil production, at 177 million pounds during July 2024, was up 20 percent from June 2024 and up 6 percent from July 2023.

Cottonseed once refined oil production, at 32.8 million pounds during July 2024, was up 9 percent from June 2024 and up 27 percent from July 2023.

Edible tallow production was 88.6 million pounds during July 2024, up 25 percent from June 2024 but down 1 percent from July 2023. Inedible tallow production was 304 million pounds during July 2024, down 5 percent from June 2024 but up 8 percent from July 2023. Technical tallow production was 108 million pounds during July 2024, down 14 percent from June 2024 but up 22 percent from July 2023. Choice white grease production, at 91.2 million pounds during July 2024, decreased 4 percent from June 2024 and decreased 2 percent from July 2023.

Soybean Crushing, Production, Consumption and Stocks – United States: July 2024 with Comparisons

Item	July 2023	June 2024	July 2024
Crush			
Soybeans crushed tons	5,545,001	5,510,461	5,803,654
Crude oil produced1,000 pounds	2,180,036	2,183,615	2,304,785
Cake and meal produced tons	4,088,890	4,055,237	4,270,716
For animal feed..... tons	4,057,304	3,995,568	4,218,890
For edible protein products..... tons	31,586	59,669	51,826
Millfeed produced tons	274,040	279,769	282,107
Refine			
Crude oil processed in refining1,000 pounds	1,791,151	1,751,078	1,887,452
Once refined oil produced1,000 pounds	1,753,057	1,709,206	1,853,738
Consumption			
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	1,756,571	1,720,797	1,789,786
Removed for edible use in processing1,000 pounds	1,202,682	1,192,408	1,260,927
Removed for inedible use in processing1,000 pounds	553,889	528,389	528,859
Stocks			
Cake and meal on hand end of month tons	425,415	432,648	396,929
Millfeed on hand end of month tons	44,133	60,281	33,709
Crude oil on hand end of month1,000 pounds	1,704,235	1,680,900	1,500,059
Crusher.....1,000 pounds	870,177	955,767	807,198
Refiner.....1,000 pounds	251,072	241,905	279,795
Offsite1,000 pounds	582,986	483,228	413,066
Once refined oil on hand end of month1,000 pounds	431,967	444,407	508,976

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

Soybean Crushing – Regional: July 2024 with Comparisons

Region	Soybeans crushed		
	July 2023	June 2024	July 2024
	(tons)	(tons)	(tons)
Illinois	678,319	609,361	588,141
Iowa.....	1,195,702	1,045,894	1,267,607
North and East ¹	1,281,129	1,264,861	1,313,013
North Central ²	890,644	1,069,796	1,065,719
South, West and Pacific ³	566,854	675,597	649,653
West Central ⁴	932,353	844,952	919,521
Region	Crude oil produced		
	July 2023	June 2024	July 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	264,773	249,278	239,783
Iowa.....	478,439	417,750	506,338
North and East ¹	497,317	498,735	512,977
North Central ²	349,740	422,222	423,053
South, West and Pacific ³	215,391	263,618	254,976
West Central ⁴	374,376	332,012	367,658
Region	Crude oil stocks at crusher		
	July 2023	June 2024	July 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	122,299	127,905	127,739
Iowa.....	141,628	149,370	100,916
North and East ¹	224,465	268,067	220,815
North Central ²	183,087	199,256	185,210
South, West and Pacific ³	74,133	74,381	52,827
West Central ⁴	124,565	136,788	119,691
Region	Cake and meal produced		
	July 2023	June 2024	July 2024
	(tons)	(tons)	(tons)
Illinois	482,943	445,521	431,261
Iowa.....	884,224	773,797	938,508
North and East ¹	950,231	930,761	962,380
North Central ²	664,005	787,284	782,010
South, West and Pacific ³	415,020	490,694	474,613
West Central ⁴	692,467	627,180	681,944
Region	Cake and meal stocks		
	July 2023	June 2024	July 2024
	(tons)	(tons)	(tons)
Illinois	48,935	45,511	(D)
Iowa.....	80,963	78,426	70,226
North and East ¹	140,605	98,373	104,921
North Central ²	51,436	67,091	61,561
South, West and Pacific ³	58,761	85,437	45,343
West Central ⁴	44,715	57,810	(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: July 2024 with Comparisons

Item	July 2023	June 2024	July 2024
Canola			
Crush			
Seeds crushed..... tons	209,247	196,212	230,516
Crude oil produced 1,000 pounds	163,415	158,674	183,162
Cake and meal produced tons	120,514	116,033	130,988
Refine			
Crude oil processed in refining 1,000 pounds	171,635	150,871	182,646
Once refined oil produced 1,000 pounds	166,430	146,846	176,702
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	151,221	147,796	178,904
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	59,054	30,293	27,428
Crude oil on hand end of month 1,000 pounds	46,087	53,321	41,914
Once refined oil on hand end of month 1,000 pounds	106,273	91,983	92,945
Cottonseed			
Crush			
Seeds crushed..... tons	85,306	76,152	84,691
Crude oil produced 1,000 pounds	22,061	19,614	22,231
Cake and meal produced..... tons	33,807	33,677	35,275
Refine			
Crude oil processed in refining 1,000 pounds	26,595	30,940	34,067
Once refined oil produced 1,000 pounds	25,774	30,125	32,848
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	32,537	33,526	36,672
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	33,863	28,965	29,860
Crude oil on hand end of month 1,000 pounds	(D)	(D)	(D)
Once refined oil on hand end of month 1,000 pounds	24,997	36,373	33,121
Coconut			
Refine			
Crude oil processed in refining 1,000 pounds	38,338	28,048	31,342
Once refined oil produced 1,000 pounds	38,204	27,776	31,004
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	44,888	43,572	40,741
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	87,830	115,731	126,060
Once refined oil on hand end of month 1,000 pounds	65,277	(D)	(D)
Corn			
Crush			
Crude oil produced 1,000 pounds	148,605	163,818	165,106
Refine			
Crude oil processed in refining 1,000 pounds	132,532	138,882	159,442
Once refined oil produced 1,000 pounds	128,618	134,741	154,411
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	103,967	102,849	147,423
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	80,570	75,559	84,468
Once refined oil on hand end of month 1,000 pounds	64,592	(D)	(D)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: July 2024 with Comparisons (continued)

Item	July 2023	June 2024	July 2024
Palm kernel			
Consumption			
Once refined oil removed for use in processing..... 1,000 pounds	24,312	36,349	38,769
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	60,642	73,228	76,172
Palm			
Consumption			
Once refined oil removed for use in processing..... 1,000 pounds	184,780	196,153	185,474
Removed for edible use in processing 1,000 pounds	177,134	192,947	181,371
Removed for inedible use in processing..... 1,000 pounds	7,646	3,206	4,103
Stocks			
Once refined oil on hand end of month..... 1,000 pounds	353,625	263,141	288,390
Peanut			
Refine			
Crude oil processed in refining..... 1,000 pounds	27,663	18,049	30,400
Once refined oil produced..... 1,000 pounds	26,399	17,302	28,793
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	30,877	19,057	29,507
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	29,942	16,991	12,208
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)	(D)	(D)
Once refined oil produced..... 1,000 pounds	(D)	(D)	(D)
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	3,400	7,793	4,781
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	13,883	3,038	(D)
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)
Sunflower			
Refine			
Crude oil processed in refining..... 1,000 pounds	37,399	44,343	34,691
Once refined oil produced..... 1,000 pounds	36,141	42,585	33,277
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)	32,067	(D)
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	44,842	34,813	29,838
Once refined oil on hand end of month..... 1,000 pounds	38,599	29,190	28,849

- Represents zero.

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

Animal Fats and Oils Production, Consumption and Stocks – United States: July 2024 with Comparisons

Item	July 2023	June 2024	July 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease			
Production.....	92,937	94,591	91,188
Removed for inedible use	91,258	94,601	91,328
Stocks on hand end of month	6,481	13,417	6,239
Feather meal			
Production.....	82,833	83,993	79,065
Stocks on hand end of month	17,156	19,668	20,558
Lard			
Production.....	17,882	14,893	25,178
Removed for use in processing	17,614	15,373	21,407
Removed for edible use in processing.....	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)
Stocks on hand end of month	7,019	(D)	10,231
Meat meal, meat and bone meal, and dry rendered tankage			
Production.....	438,993	407,521	393,519
Stocks on hand end of month	54,957	57,862	55,207
Other grease			
Production.....	24,837	16,464	16,617
Removed for inedible use in processing	27,555	17,734	17,767
Stocks on hand end of month	(D)	(D)	(D)
Poultry fats			
Production.....	175,875	184,862	171,546
Removed for inedible use in processing	179,771	186,220	165,052
Stocks on hand end of month	24,055	30,114	36,608
Poultry by-product meals			
Production.....	287,592	341,576	296,694
Stocks on hand end of month	74,936	117,596	113,701
Tallow, edible			
Production.....	89,242	71,135	88,627
Removed for use in processing	86,068	70,335	89,241
Removed for edible use in processing.....	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)
Stocks on hand end of month	15,752	9,387	10,196
Tallow, inedible			
Production.....	281,771	320,161	304,039
Removed for inedible use in processing	281,572	317,347	305,490
Stocks on hand end of month	(D)	(D)	(D)
Tallow, technical			
Production.....	88,734	125,980	108,200
Removed for inedible use in processing	88,661	124,118	108,398
Stocks on hand end of month	(D)	(D)	(D)
Yellow grease			
Production.....	165,253	(D)	(D)
Removed for inedible use in processing	154,071	(D)	(D)
Stocks on hand end of month	108,639	(D)	(D)

(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

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David Colwell – Fats and Oils, Flour Milling Products	(202) 720-8800
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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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