



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

ISSN: 2379-9862

Released May 1, 2025, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

February 2025 contained 28 days.

March 2025 contained 31 days.

Soybeans crushed for crude oil was 6.20 million tons (207 million bushels) in March 2025, compared with 5.69 million tons (190 million bushels) in February 2025 and 6.11 million tons (204 million bushels) in March 2024. Crude oil produced was 2.47 billion pounds, up 10 percent from February 2025 and up 3 percent from March 2024. Soybean once refined oil production at 1.88 billion pounds during March 2025 increased 16 percent from February 2025 and increased 5 percent from March 2024.

Canola seeds crushed for crude oil was 200,953 tons in March 2025, compared with 154,734 tons in February 2025 and 190,641 tons in March 2024. Canola crude oil produced was 160 million pounds, up 33 percent from February 2025 and up 6 percent from March 2024. Canola once refined oil production, at 173 million pounds during March 2025, was up 34 percent from February 2025 and up 11 percent from March 2024.

Cottonseed once refined oil production, at 31.8 million pounds during March 2025, was up less than 1 percent from February 2025 but down 19 percent from March 2024.

Edible tallow production was 80.9 million pounds during March 2025, down 13 percent from February 2025 and down 12 percent from March 2024. Inedible tallow production was 338 million pounds during March 2025, down 2 percent from February 2025 and down 5 percent from March 2024. Technical tallow production was 126 million pounds during March 2025, down less than 1 percent from February 2025 but up 12 percent from March 2024. Choice white grease production, at 100 million pounds during March 2025, decreased 8 percent from February 2025 and decreased 9 percent from March 2024.

Soybean Crushing, Production, Consumption and Stocks – United States: March 2025 with Comparisons

Item	March 2024	February 2025	March 2025
Crush			
Soybeans crushed tons	6,106,056	5,687,304	6,197,177
Crude oil produced1,000 pounds	2,403,796	2,245,190	2,473,121
Cake and meal produced tons	4,485,471	4,206,736	4,605,680
For animal feed..... tons	4,426,590	4,131,976	4,519,939
For edible protein products..... tons	58,881	74,760	85,741
Millfeed produced tons	307,564	297,779	311,998
Refine			
Crude oil processed in refining1,000 pounds	1,827,030	1,657,516	1,929,858
Once refined oil produced1,000 pounds	1,791,949	1,612,586	1,876,913
Consumption			
Crude oil removed for inedible use in processing.....1,000 pounds	163,074	173,505	(D)
Once refined oil removed for use in processing1,000 pounds	1,756,125	1,635,522	1,793,221
Removed for edible use in processing1,000 pounds	1,233,543	1,083,189	1,211,486
Removed for inedible use in processing1,000 pounds	522,582	552,333	581,735
Stocks			
Cake and meal on hand end of month tons	495,202	435,851	378,839
Millfeed on hand end of month tons	64,513	35,880	44,226
Crude oil on hand end of month1,000 pounds	1,871,857	1,476,917	1,550,943
Crusher.....1,000 pounds	1,098,420	833,304	831,068
Refiner.....1,000 pounds	287,708	347,869	(D)
Offsite1,000 pounds	485,729	295,744	(D)
Once refined oil on hand end of month1,000 pounds	496,710	446,699	527,980

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

Soybean Crushing – Regional: March 2025 with Comparisons

Region	Soybeans crushed		
	March 2024	February 2025	March 2025
	(tons)	(tons)	(tons)
Illinois	661,731	512,114	607,551
Iowa.....	1,323,677	1,291,777	1,407,970
North and East ¹	1,403,497	1,272,385	1,328,499
North Central ²	1,089,165	1,066,893	1,139,676
South, West and Pacific ³	692,847	541,402	602,147
West Central ⁴	935,139	1,002,733	1,111,334
Region	Crude oil produced		
	March 2024	February 2025	March 2025
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	266,242	205,197	248,253
Iowa.....	527,043	516,394	567,657
North and East ¹	545,415	493,816	524,324
North Central ²	425,138	416,486	447,618
South, West and Pacific ³	267,860	209,165	234,042
West Central ⁴	372,098	404,132	451,227
Region	Crude oil stocks at crusher		
	March 2024	February 2025	March 2025
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	169,518	122,933	129,505
Iowa.....	193,078	126,245	130,210
North and East ¹	281,879	221,495	202,352
North Central ²	232,003	184,921	174,603
South, West and Pacific ³	73,465	45,590	44,435
West Central ⁴	148,477	132,120	149,963
Region	Cake and meal produced		
	March 2024	February 2025	March 2025
	(tons)	(tons)	(tons)
Illinois	467,111	368,750	444,653
Iowa.....	979,975	966,563	1,060,658
North and East ¹	1,028,511	934,189	974,443
North Central ²	806,638	799,460	856,155
South, West and Pacific ³	506,447	391,371	436,533
West Central ⁴	696,789	746,403	833,238
Region	Cake and meal stocks		
	March 2024	February 2025	March 2025
	(tons)	(tons)	(tons)
Illinois	71,701	78,953	47,462
Iowa.....	97,429	65,789	61,739
North and East ¹	88,100	114,764	94,671
North Central ²	94,047	84,883	76,822
South, West and Pacific ³	64,976	45,159	32,610
West Central ⁴	78,949	46,303	65,535

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: March 2025
with Comparisons**

Item	March 2024	February 2025	March 2025
Canola			
Crush			
Seeds crushed..... tons	190,641	154,734	200,953
Crude oil produced 1,000 pounds	150,165	120,587	159,841
Cake and meal produced tons	109,939	93,248	120,325
Refine			
Crude oil processed in refining 1,000 pounds	159,788	132,622	178,088
Once refined oil produced 1,000 pounds	154,757	129,195	172,517
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	163,024	140,985	159,773
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	24,474	28,361	31,770
Crude oil on hand end of month 1,000 pounds	58,931	54,367	34,860
Once refined oil on hand end of month 1,000 pounds	88,369	104,871	113,390
Cottonseed			
Crush			
Seeds crushed..... tons	132,168	116,922	95,081
Crude oil produced 1,000 pounds	36,934	29,390	24,490
Cake and meal produced..... tons	53,340	54,219	42,136
Refine			
Crude oil processed in refining 1,000 pounds	40,686	32,543	32,734
Once refined oil produced 1,000 pounds	39,524	31,785	31,836
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	34,129	32,698	29,816
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	20,410	45,627	38,003
Crude oil on hand end of month 1,000 pounds	(D)	(D)	(D)
Once refined oil on hand end of month 1,000 pounds	49,068	36,364	40,897
Coconut			
Refine			
Crude oil processed in refining 1,000 pounds	21,820	41,333	36,763
Once refined oil produced 1,000 pounds	21,467	41,165	36,498
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	37,709	58,313	57,862
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	63,340	94,244	68,254
Once refined oil on hand end of month 1,000 pounds	58,352	56,765	56,512
Corn			
Crush			
Crude oil produced 1,000 pounds	153,561	140,056	156,259
Refine			
Crude oil processed in refining 1,000 pounds	144,123	138,268	138,947
Once refined oil produced 1,000 pounds	140,762	134,583	134,616
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	105,633	116,906	116,705
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	101,186	64,818	69,923
Once refined oil on hand end of month 1,000 pounds	74,074	64,374	72,518

See footnote(s) at end of table.

--continued

Selected Oilseed Crushing, Production, Consumption and Stocks – United States: March 2025 with Comparisons (continued)

Item	March 2024	February 2025	March 2025
Palm kernel			
Consumption			
Once refined oil removed for use in processing..... 1,000 pounds	36,105	32,778	35,393
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	87,191	76,360	77,432
Palm			
Consumption			
Once refined oil removed for use in processing..... 1,000 pounds	181,468	177,654	188,203
Removed for edible use in processing 1,000 pounds	178,855	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	2,613	(D)	(D)
Stocks			
Once refined oil on hand end of month..... 1,000 pounds	315,922	278,972	293,475
Peanut			
Refine			
Crude oil processed in refining..... 1,000 pounds	15,901	26,312	14,728
Once refined oil produced..... 1,000 pounds	15,031	25,098	14,396
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	18,258	22,810	17,215
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	21,633	9,137	16,941
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)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	5,380	7,079	8,963
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	3,503	4,193	5,243
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)
Sunflower			
Refine			
Crude oil processed in refining..... 1,000 pounds	39,828	33,434	36,867
Once refined oil produced..... 1,000 pounds	38,638	32,733	36,305
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)	34,269	34,857
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	34,289	17,422	21,945
Once refined oil on hand end of month..... 1,000 pounds	27,466	23,989	25,112

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

Animal Fats and Oils Production, Consumption and Stocks – United States: March 2025 with Comparisons

Item	March 2024	February 2025	March 2025
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease			
Production.....	109,828	108,755	99,641
Removed for inedible use	109,617	111,839	101,945
Stocks on hand end of month	6,484	7,206	12,003
Feather meal			
Production.....	79,874	98,066	85,318
Stocks on hand end of month	17,190	18,032	14,335
Lard			
Production.....	21,766	27,025	21,193
Removed for use in processing	22,301	25,725	24,373
Removed for edible use in processing.....	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)
Stocks on hand end of month	(D)	10,066	(D)
Meat meal, meat and bone meal, and dry rendered tannage			
Production.....	504,290	460,490	428,902
Stocks on hand end of month	52,464	50,045	50,400
Other grease			
Production.....	23,110	22,239	27,003
Removed for inedible use in processing	25,949	21,480	26,901
Stocks on hand end of month	(D)	(D)	(D)
Poultry fats			
Production.....	170,818	202,186	171,939
Removed for inedible use in processing	177,204	203,133	174,928
Stocks on hand end of month	27,029	36,078	33,089
Poultry by-product meals			
Production.....	328,970	383,911	352,668
Stocks on hand end of month	101,929	97,313	101,888
Tallow, edible			
Production.....	91,654	93,309	80,870
Removed for use in processing	86,039	93,304	81,960
Removed for edible use in processing.....	(D)	(D)	(D)
Removed for inedible use in processing.....	(D)	(D)	(D)
Stocks on hand end of month	22,087	10,865	9,901
Tallow, inedible			
Production.....	355,531	345,356	337,732
Removed for inedible use in processing	365,483	345,804	336,276
Stocks on hand end of month	78,085	(D)	(D)
Tallow, technical			
Production.....	112,429	126,650	126,388
Removed for inedible use in processing	113,149	125,198	129,918
Stocks on hand end of month	(D)	(D)	6,099
Yellow grease			
Production.....	(D)	(D)	(D)
Removed for inedible use in processing	(D)	(D)	(D)
Stocks on hand end of month	(D)	(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.

Anthony Prillaman, Acting Chief, Crops Branch.....	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Progress and Condition, Flaxseed, Mustardseed	(202) 720-7621
Joshua Bates – Hemp, Oats, Soybeans.....	(202) 690-3234
Natasha Bruton – Barley, Cotton System Consumption and Stocks, Grain Crushings, Fats and Oils, Flour Milling Products	(202) 690-1042
Michelle Harder – Hay, Peanuts	(202) 690-8533
James Johanson – Rye, Wheat.....	(202) 720-8068
Greg Lemmons – Corn, Proso Millet, Rice.....	(202) 720-9526
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Travis Thorson – Canola, Rapeseed, Safflower, Sunflower	(202) 720-7369

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov.
- 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.
- 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.

USDA is an equal opportunity provider, employer, and lender.