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Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks 2021 Summary

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Summary

2021 Fats and Oils Oilseed Crushings, Production, Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2021 Annual Summary of the Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks contains data and annual totals for January through December of 2021.

Soybeans crushed for crude oil was 64.2 million tons in 2021, a decrease of 3 percent from 2020. Crude oil production was 25.2 billion pounds, down 1 percent from 2020.

Canola seeds crushed for crude oil was 2.05 million tons in 2021, down 10 percent from 2020. Crude oil production was 1.68 billion pounds, down 12 percent from 2020.

Tallow was published in three categories (edible, inedible, and technical). The largest percentage of tallow production was **inedible tallow** at 3.94 billion pounds in 2021. **Choice white grease production** was 1.25 billion pounds in 2021.

Soybean Crushing, Production, Consumption and Stocks – United States: 2021

Item	January 2021	February 2021	March 2021	April 2021
Crush				
Soybeans crushed tons	5,895,360	4,930,499	5,646,728	5,095,631
Crude oil produced1,000 pounds	2,308,752	1,924,749	2,222,123	1,991,877
Cake and meal produced tons	4,353,068	3,652,574	4,181,300	3,773,943
For animal feed tons	4,294,634	3,607,780	4,128,686	3,731,721
For edible protein products tons	58,434	44,794	52,614	42,222
Millfeed produced tons	312,586	266,097	295,287	270,766
Refine				
Crude oil processed in refining1,000 pounds	1,620,678	1,473,714	1,799,682	1,678,886
Once refined oil produced1,000 pounds	1,587,925	1,444,542	1,756,293	1,642,251
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	109,089	90,729	168,184	107,443
Once refined oil removed for use in processing1,000 pounds	1,559,029	1,435,783	1,809,582	1,664,176
Removed for edible use in processing1,000 pounds	1,147,158	1,099,893	1,262,853	1,215,141
Removed for inedible use in processing1,000 pounds	411,871	335,890	546,729	449,035
Stocks				
Cake and meal on hand end of month tons	512,396	544,178	415,418	417,603
Millfeed on hand end of month tons	43,408	39,885	32,322	34,403
Crude oil on hand end of month1,000 pounds	1,882,069	1,870,825	1,864,100	1,814,888
Crusher1,000 pounds	915,444	953,464	881,363	945,718
Refiner1,000 pounds	287,889	293,656	283,755	264,724
Offsite1,000 pounds	678,736	623,705	698,982	604,446
Once refined oil on hand end of month1,000 pounds	423,922	435,163	381,178	362,700

See footnote(s) at end of table.

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Soybean Crushing, Production, Consumption and Stocks – United States: 2021 (continued)

Item	May 2021	June 2021	July 2021	August 2021
Crush				
Soybeans crushed.....tons	5,205,032	4,852,334	4,989,996	5,047,776
Crude oil produced.....1,000 pounds	2,043,135	1,908,649	1,972,688	1,989,733
Cake and meal produced.....tons	3,849,675	3,579,777	3,698,749	3,728,116
For animal feed.....tons	3,800,161	3,542,326	3,639,202	3,672,915
For edible protein products.....tons	49,514	37,451	59,547	55,201
Millfeed produced.....tons	273,209	254,174	267,750	267,178
Refine				
Crude oil processed in refining.....1,000 pounds	1,752,280	1,639,231	1,615,578	1,670,680
Once refined oil produced.....1,000 pounds	1,711,860	1,599,354	1,580,058	1,629,162
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	102,003	144,540	117,570	109,209
Once refined oil removed for use in processing.....1,000 pounds	1,649,497	1,608,391	1,600,617	1,598,981
Removed for edible use in processing.....1,000 pounds	1,222,088	1,216,055	1,208,117	1,189,459
Removed for inedible use in processing.....1,000 pounds	427,409	392,336	392,500	409,522
Stocks				
Cake and meal on hand end of month.....tons	592,860	390,755	442,290	344,741
Millfeed on hand end of month.....tons	48,594	48,245	34,536	38,771
Crude oil on hand end of month.....1,000 pounds	1,721,223	1,682,521	1,671,358	1,753,469
Crusher.....1,000 pounds	893,077	831,496	822,597	872,120
Refiner.....1,000 pounds	248,304	290,681	262,856	282,751
Offsite.....1,000 pounds	579,842	560,344	585,905	598,598
Once refined oil on hand end of month.....1,000 pounds	425,765	418,133	398,753	429,972

See footnote(s) at end of table.

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Soybean Crushing, Production, Consumption and Stocks – United States: 2021 (continued)

Item	September 2021	October 2021	November 2021	December 2021
Crush				
Soybeans crushed..... tons	4,924,574	5,908,157	5,717,943	5,947,222
Crude oil produced1,000 pounds	1,938,212	2,347,580	2,235,370	2,324,183
Cake and meal produced tons	3,604,266	4,284,256	4,164,959	4,322,245
For animal feed..... tons	3,548,734	4,231,399	4,115,130	4,268,957
For edible protein products tons	55,532	52,857	49,829	53,288
Millfeed produced tons	263,385	307,383	291,811	307,307
Refine				
Crude oil processed in refining1,000 pounds	1,650,106	1,772,253	1,701,596	1,673,573
Once refined oil produced1,000 pounds	1,609,230	1,731,222	1,663,486	1,640,109
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	122,583	142,927	155,107	177,666
Once refined oil removed for use in processing1,000 pounds	1,651,189	1,686,717	1,625,636	1,677,093
Removed for edible use in processing1,000 pounds	1,257,386	1,274,866	1,201,284	1,226,483
Removed for inedible use in processing1,000 pounds	393,803	411,851	424,352	450,610
Stocks				
Cake and meal on hand end of month tons	306,923	363,969	333,525	372,832
Millfeed on hand end of month tons	33,863	47,512	42,087	38,477
Crude oil on hand end of month1,000 pounds	1,741,589	1,960,220	1,940,772	2,035,694
Crusher.....1,000 pounds	841,384	957,162	937,363	954,641
Refiner.....1,000 pounds	267,363	292,912	338,069	341,872
Offsite.....1,000 pounds	632,842	710,146	665,340	739,181
Once refined oil on hand end of month1,000 pounds	389,644	426,117	465,191	430,197

See footnote(s) at end of table.

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Soybean Crushing, Production, Consumption and Stocks – United States: 2021 (continued)

Item	Total 2021
Crush	
Soybeans crushed..... tons	64,161,252
Crude oil produced..... 1,000 pounds	25,207,051
Cake and meal produced..... tons	47,192,928
For animal feed tons	46,581,645
For edible protein products..... tons	611,283
Millfeed produced tons	3,376,933
Refine	
Crude oil processed in refining..... 1,000 pounds	20,048,257
Once refined oil produced..... 1,000 pounds	19,595,492
Consumption	
Crude oil removed for inedible use in processing 1,000 pounds	1,547,050
Once refined oil removed for use in processing..... 1,000 pounds	19,566,691
Removed for edible use in processing..... 1,000 pounds	14,520,783
Removed for inedible use in processing..... 1,000 pounds	5,045,908

Soybean Crushing – Regional: 2021

Region	Soybeans crushed			
	January 2021	February 2021	March 2021	April 2021
	(tons)	(tons)	(tons)	(tons)
Illinois.....	687,830	564,364	650,305	602,959
Iowa.....	1,208,731	1,006,599	1,184,103	1,077,647
North and East ¹	1,317,875	1,148,657	1,249,030	1,181,213
North Central ²	960,834	834,276	948,475	740,687
South, West and Pacific ³	745,378	634,444	653,920	599,822
West Central ⁴	974,712	742,159	960,895	893,303
Region	Crude oil produced			
	January 2021	February 2021	March 2021	April 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	268,997	218,358	257,144	236,611
Iowa.....	481,259	403,783	473,760	431,292
North and East ¹	512,987	445,826	486,457	460,822
North Central ²	374,035	310,461	365,803	283,193
South, West and Pacific ³	281,129	240,881	252,520	230,159
West Central ⁴	390,345	305,440	386,439	349,800
Region	Crude oil stocks at crusher			
	January 2021	February 2021	March 2021	April 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	160,382	165,256	116,301	159,970
Iowa.....	150,240	167,119	159,091	189,514
North and East ¹	211,885	206,603	186,154	210,365
North Central ²	217,147	228,318	253,489	230,583
South, West and Pacific ³	60,877	63,474	68,880	52,724
West Central ⁴	114,913	122,694	97,448	102,562
Region	Cake and meal produced			
	January 2021	February 2021	March 2021	April 2021
	(tons)	(tons)	(tons)	(tons)
Illinois.....	504,380	412,468	474,100	441,948
Iowa.....	893,538	745,792	877,859	796,327
North and East ¹	974,209	852,001	922,999	878,415
North Central ²	716,110	629,941	709,801	558,515
South, West and Pacific ³	545,471	466,874	479,929	439,037
West Central ⁴	719,360	545,498	716,612	659,701
Region	Cake and meal stocks			
	January 2021	February 2021	March 2021	April 2021
	(tons)	(tons)	(tons)	(tons)
Illinois.....	100,435	115,901	71,222	59,855
Iowa.....	71,100	77,897	58,250	48,654
North and East ¹	131,145	145,741	137,616	136,328
North Central ²	83,151	88,176	86,273	70,046
South, West and Pacific ³	64,494	46,045	18,042	43,069
West Central ⁴	62,071	70,418	44,015	59,651

See footnote(s) at end of table.

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Soybean Crushing – Regional: 2021 (continued)

Region	Soybeans crushed			
	May 2021	June 2021	July 2021	August 2021
	(tons)	(tons)	(tons)	(tons)
Illinois	582,792	535,732	540,911	523,927
Iowa.....	1,044,686	1,052,081	1,008,359	1,127,643
North and East ¹	1,140,335	1,067,029	1,075,246	1,095,494
North Central ²	866,672	747,586	816,910	892,792
South, West and Pacific ³	684,564	591,106	659,891	680,532
West Central ⁴	885,983	858,800	888,679	727,388
Region	Crude oil produced			
	May 2021	June 2021	July 2021	August 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	228,670	215,265	219,021	211,996
Iowa.....	420,025	416,500	399,197	445,121
North and East ¹	446,077	417,359	424,371	427,196
North Central ²	334,255	280,169	308,616	341,412
South, West and Pacific ³	263,865	230,079	257,470	261,757
West Central ⁴	350,243	349,277	364,013	302,251
Region	Crude oil stocks at crusher			
	May 2021	June 2021	July 2021	August 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois	140,864	138,000	124,287	112,312
Iowa.....	175,563	149,134	143,445	145,444
North and East ¹	216,426	184,364	197,277	211,380
North Central ²	191,988	166,541	160,280	179,711
South, West and Pacific ³	68,519	71,151	70,074	68,778
West Central ⁴	99,717	122,306	127,234	154,495
Region	Cake and meal produced			
	May 2021	June 2021	July 2021	August 2021
	(tons)	(tons)	(tons)	(tons)
Illinois	419,546	386,679	399,388	388,670
Iowa.....	779,358	776,975	740,907	832,106
North and East ¹	841,583	788,993	802,133	811,541
North Central ²	646,497	559,651	612,441	663,145
South, West and Pacific ³	504,547	433,016	485,512	492,360
West Central ⁴	658,144	634,463	658,368	540,294
Region	Cake and meal stocks			
	May 2021	June 2021	July 2021	August 2021
	(tons)	(tons)	(tons)	(tons)
Illinois	89,892	46,662	50,549	45,926
Iowa.....	87,395	66,789	56,689	50,248
North and East ¹	149,456	118,855	158,614	89,272
North Central ²	106,917	65,838	86,506	76,153
South, West and Pacific ³	89,508	40,902	44,885	43,427
West Central ⁴	69,692	51,709	45,047	39,715

See footnote(s) at end of table.

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Soybean Crushing – Regional: 2021 (continued)

Region	Soybeans crushed			
	September 2021	October 2021	November 2021	December 2021
	(tons)	(tons)	(tons)	(tons)
Illinois.....	567,436	674,438	667,542	690,990
Iowa.....	1,054,862	1,215,324	1,195,092	1,224,279
North and East ¹	1,181,329	1,373,563	1,284,894	1,340,409
North Central ²	803,971	979,305	938,426	988,790
South, West and Pacific ³	537,592	697,651	685,243	686,568
West Central ⁴	779,384	967,876	946,746	1,016,186
Region	Crude oil produced			
	September 2021	October 2021	November 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	223,398	268,201	258,905	266,247
Iowa.....	419,249	482,830	466,018	479,965
North and East ¹	464,280	540,676	497,334	513,178
North Central ²	308,351	379,028	367,976	388,266
South, West and Pacific ³	207,227	274,183	262,298	266,050
West Central ⁴	315,707	402,662	382,839	410,477
Region	Crude oil stocks at crusher			
	September 2021	October 2021	November 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	108,843	127,805	130,224	111,914
Iowa.....	107,518	138,813	142,265	152,785
North and East ¹	241,363	296,888	257,434	276,807
North Central ²	179,751	186,333	192,590	214,737
South, West and Pacific ³	(D)	70,057	71,627	62,900
West Central ⁴	(D)	137,266	143,223	135,498
Region	Cake and meal produced			
	September 2021	October 2021	November 2021	December 2021
	(tons)	(tons)	(tons)	(tons)
Illinois.....	415,150	482,269	479,210	489,734
Iowa.....	777,831	889,103	870,604	896,068
North and East ¹	864,915	997,216	939,348	973,831
North Central ²	589,215	718,124	688,681	722,433
South, West and Pacific ³	388,317	496,628	490,266	495,221
West Central ⁴	568,838	700,916	696,850	744,958
Region	Cake and meal stocks			
	September 2021	October 2021	November 2021	December 2021
	(tons)	(tons)	(tons)	(tons)
Illinois.....	42,049	53,908	72,108	67,919
Iowa.....	42,677	65,958	48,377	50,962
North and East ¹	83,545	84,421	104,593	105,010
North Central ²	57,740	64,941	40,451	58,676
South, West and Pacific ³	37,665	43,189	25,209	31,308
West Central ⁴	43,247	51,552	42,787	58,957

See footnote(s) at end of table.

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Soybean Crushing – Regional: 2021 (continued)

Region	Soybeans crushed Total 2019
	(tons)
Illinois	7,289,226
Iowa.....	13,399,406
North and East ¹	14,455,074
North Central ²	10,518,724
South, West and Pacific ³	7,856,711
West Central ⁴	10,642,111
Region	Crude oil produced Total 2019
	(1,000 pounds)
Illinois	2,872,813
Iowa.....	5,318,999
North and East ¹	5,636,563
North Central ²	4,041,565
South, West and Pacific ³	3,027,618
West Central ⁴	4,309,493
Region	Cake and meal produced Total 2019
	(tons)
Illinois	5,293,542
Iowa.....	9,876,468
North and East ¹	10,647,184
North Central ²	7,814,554
South, West and Pacific ³	5,717,178
West Central ⁴	7,844,002

(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: 2021

Item	January 2021	February 2021	March 2021	April 2021
Canola				
Crush				
Seeds crushed..... tons	186,114	162,675	207,096	193,146
Crude oil produced1,000 pounds	156,818	136,767	172,196	160,030
Cake and meal produced..... tons	105,473	94,840	115,712	111,658
Refine				
Crude oil processed in refining1,000 pounds	142,925	140,840	160,686	150,342
Once refined oil produced1,000 pounds	137,882	136,031	155,434	144,334
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	143,157	147,849	156,722	148,155
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	34,394	33,429	28,741	33,419
Crude oil on hand end of month1,000 pounds	67,096	55,844	49,785	66,276
Once refined oil on hand end of month1,000 pounds	117,918	81,667	78,543	95,834
Cottonseed				
Crush				
Seeds crushed..... tons	139,266	104,256	161,253	95,786
Crude oil produced1,000 pounds	37,848	30,911	43,654	27,788
Cake and meal produced..... tons	59,258	49,642	70,175	43,800
Refine				
Crude oil processed in refining1,000 pounds	41,233	25,578	44,452	34,124
Once refined oil produced1,000 pounds	39,883	24,925	43,209	32,897
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	38,392	34,426	40,352	35,826
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	13,461	18,617	20,345	18,773
Crude oil on hand end of month1,000 pounds	24,104	29,212	29,202	25,286
Once refined oil on hand end of month1,000 pounds	26,047	16,212	20,989	19,092
Coconut				
Refine				
Crude oil processed in refining1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil produced1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	47,191	52,611	60,884	47,205
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 month1,000 pounds	69,352	56,115	41,698	84,355
Once refined oil on hand end of month1,000 pounds	50,295	(D)	(D)	44,237
Corn				
Crush				
Crude oil produced1,000 pounds	170,099	136,172	166,495	158,563
Refine				
Crude oil processed in refining1,000 pounds	190,988	130,641	169,962	145,488
Once refined oil produced1,000 pounds	188,389	127,505	167,110	142,776
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	180,999	119,626	(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				
Crude oil on hand end of month1,000 pounds	56,075	64,953	61,298	65,890
Once refined oil on hand end of month1,000 pounds	63,176	59,692	59,370	66,926

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2021 (continued)

Item	May 2021	June 2021	July 2021	August 2021
Canola				
Crush				
Seeds crushedtons	159,120	163,537	145,967	131,150
Crude oil produced.....1,000 pounds	133,761	134,531	124,634	103,990
Cake and meal produced.....tons	90,476	92,082	87,751	74,518
Refine				
Crude oil processed in refining.....1,000 pounds	153,601	161,257	151,308	120,960
Once refined oil produced.....1,000 pounds	148,502	156,727	147,020	117,319
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	142,906	150,195	152,983	123,949
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	37,702	32,051	30,292	31,171
Crude oil on hand end of month.....1,000 pounds	69,079	58,289	47,186	27,229
Once refined oil on hand end of month.....1,000 pounds	116,197	126,972	108,223	100,832
Cottonseed				
Crush				
Seeds crushedtons	125,509	109,373	96,594	115,263
Crude oil produced.....1,000 pounds	34,224	29,336	24,274	27,982
Cake and meal produced.....tons	55,035	46,800	41,717	49,598
Refine				
Crude oil processed in refining.....1,000 pounds	41,001	40,291	33,274	34,605
Once refined oil produced.....1,000 pounds	39,835	39,868	32,855	33,445
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	39,620	41,656	36,807	34,929
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	36,756	46,459	50,527	57,833
Crude oil on hand end of month.....1,000 pounds	24,482	19,998	22,000	18,370
Once refined oil on hand end of month.....1,000 pounds	18,746	17,786	14,550	13,605
Coconut				
Refine				
Crude oil processed in refining.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil produced.....1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	51,712	58,897	104,624	59,471
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	81,306	138,237	52,922	85,193
Once refined oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)
Corn				
Crush				
Crude oil produced.....1,000 pounds	167,108	157,540	175,524	138,785
Refine				
Crude oil processed in refining.....1,000 pounds	156,602	162,608	162,082	(D)
Once refined oil produced.....1,000 pounds	153,473	159,408	157,494	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	(D)	(D)	133,973	(D)
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	68,651	75,741	94,122	81,948
Once refined oil on hand end of month.....1,000 pounds	77,664	67,205	76,625	63,618

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2021 (continued)

Item	September 2021	October 2021	November 2021	December 2021
Canola				
Crush				
Seeds crushed..... tons	168,464	196,646	160,197	176,931
Crude oil produced1,000 pounds	135,812	156,615	125,126	140,696
Cake and meal produced..... tons	97,932	115,606	93,909	102,961
Refine				
Crude oil processed in refining1,000 pounds	143,631	152,406	144,298	152,553
Once refined oil produced1,000 pounds	139,331	147,962	139,918	148,163
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	141,095	157,944	141,559	143,856
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	36,403	44,073	37,101	(D)
Crude oil on hand end of month1,000 pounds	34,601	51,296	39,882	39,951
Once refined oil on hand end of month1,000 pounds	103,791	81,986	88,870	99,220
Cottonseed				
Crush				
Seeds crushed..... tons	83,030	110,594	135,480	147,664
Crude oil produced1,000 pounds	22,064	30,632	35,172	41,365
Cake and meal produced..... tons	35,538	49,627	58,686	62,493
Refine				
Crude oil processed in refining1,000 pounds	24,609	38,665	33,140	54,528
Once refined oil produced1,000 pounds	23,799	37,586	32,280	53,078
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	24,241	34,064	37,695	46,222
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	39,306	38,529	40,931	33,667
Crude oil on hand end of month1,000 pounds	34,681	(D)	(D)	(D)
Once refined oil on hand end of month1,000 pounds	13,527	19,552	15,901	23,275
Coconut				
Refine				
Crude oil processed in refining1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil produced1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	60,832	66,738	59,310	67,083
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 month1,000 pounds	55,349	61,650	83,707	78,947
Once refined oil on hand end of month1,000 pounds	(D)	(D)	(D)	(D)
Corn				
Crush				
Crude oil produced1,000 pounds	136,514	160,213	150,429	151,431
Refine				
Crude oil processed in refining1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil produced1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 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				
Crude oil on hand end of month1,000 pounds	89,968	103,050	81,351	89,813
Once refined oil on hand end of month1,000 pounds	(D)	69,560	71,515	77,457

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United

Item	Total 2021
Canola	
Crush	
Seeds crushed tons	2,051,043
Crude oil produced 1,000 pounds	1,680,976
Cake and meal produced tons	1,182,918
Refine	
Crude oil processed in refining 1,000 pounds	1,774,807
Once refined oil produced 1,000 pounds	1,718,623
Consumption	
Crude oil removed for inedible use in processing 1,000 pounds	(D)
Once refined oil removed for use in processing 1,000 pounds	1,750,370
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	1,424,068
Crude oil produced 1,000 pounds	385,250
Cake and meal produced tons	622,369
Refine	
Crude oil processed in refining 1,000 pounds	445,500
Once refined oil produced 1,000 pounds	433,660
Consumption	
Crude oil removed for inedible use in processing 1,000 pounds	(D)
Once refined oil removed for use in processing 1,000 pounds	444,230
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	736,558
Removed for edible use in processing 1,000 pounds	(D)
Removed for inedible use in processing 1,000 pounds	(D)
Corn	
Crush	
Crude oil produced	(D)
Refine	
Crude oil processed in refining 1,000 pounds	1,869,698
Once refined oil produced 1,000 pounds	1,828,377
Consumption	
Crude oil removed for inedible use in processing 1,000 pounds	(D)
Once 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)

See footnote(s) at end of table.

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Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2021 (continued)

Item	January 2021	February 2021	March 2021	April 2021
Palm kernel				
Consumption				
Once refined oil removed for use in processing1,000 pounds	56,896	52,267	65,502	48,662
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month1,000 pounds	68,643	73,793	52,938	64,595
Palm				
Consumption				
Once refined oil removed for use in processing1,000 pounds	205,203	199,571	235,327	226,817
Removed for edible use in processing1,000 pounds	200,602	193,866	230,217	222,156
Removed for inedible use in processing1,000 pounds	4,601	5,705	5,110	4,661
Stocks				
Once refined oil on hand end of month1,000 pounds	281,712	243,142	248,371	273,146
Peanut				
Refine				
Crude oil processed in refining1,000 pounds	19,960	(D)	23,427	19,100
Once refined oil produced1,000 pounds	19,224	(D)	22,249	19,053
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	21,028	(D)	20,553	21,125
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month1,000 pounds	12,314	8,952	(D)	(D)
Once refined oil on hand end of month1,000 pounds	(D)	(D)	(D)	(D)
Safflower				
Refine				
Crude oil processed in refining1,000 pounds	3,951	2,267	2,024	3,107
Once refined oil produced1,000 pounds	3,884	2,143	1,936	2,945
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	4,162	4,511	3,225	3,737
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month1,000 pounds	9,381	(D)	(D)	(D)
Once refined oil on hand end of month1,000 pounds	1,752	(D)	(D)	(D)
Sunflower				
Refine				
Crude oil processed in refining1,000 pounds	44,939	52,038	43,791	46,783
Once refined oil produced1,000 pounds	43,632	50,264	41,371	43,796
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	37,402	36,726	37,737	38,978
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month1,000 pounds	44,004	52,114	61,607	61,442
Once refined oil on hand end of month1,000 pounds	22,564	27,562	23,902	21,020
Vegetable foots, raw and acidulated				
Refine				
Oil produced1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Oil on hand end of month1,000 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: 2021 (continued)

Item	May 2021	June 2021	July 2021	August 2021
Palm kernel				
Consumption				
Once refined oil removed for use in processing.....1,000 pounds	55,999	47,381	39,179	38,363
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				
Once refined oil on hand end of month.....1,000 pounds	50,005	37,694	34,885	39,510
Palm				
Consumption				
Once refined oil removed for use in processing.....1,000 pounds	221,930	226,802	244,396	229,265
Removed for edible use in processing1,000 pounds	217,209	220,906	218,494	217,131
Removed for inedible use in processing.....1,000 pounds	4,721	5,896	25,902	12,134
Stocks				
Once refined oil on hand end of month.....1,000 pounds	280,040	275,597	258,770	287,805
Peanut				
Refine				
Crude oil processed in refining.....1,000 pounds	24,152	30,331	28,713	33,281
Once refined oil produced.....1,000 pounds	22,612	28,952	27,681	31,259
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	26,066	29,712	26,188	29,586
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	(D)	(D)	(D)	(D)
Once refined oil on hand end of month.....1,000 pounds	(D)	(D)	(D)	(D)
Safflower				
Refine				
Crude oil processed in refining.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil produced.....1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	3,415	4,308	4,866	(D)
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	(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	35,822	51,438	53,365	58,045
Once refined oil produced.....1,000 pounds	33,546	49,327	50,610	55,890
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	27,882	37,094	45,928	41,734
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	42,848	36,695	31,133	38,297
Once refined oil on hand end of month.....1,000 pounds	20,601	26,415	22,938	26,458
Vegetable foots, raw and acidulated				
Refine				
Oil produced1,000 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 month1,000 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: 2021 (continued)

Item	September 2021	October 2021	November 2021	December 2021
Palm kernel				
Consumption				
Once refined oil removed for use in processing1,000 pounds	44,073	39,833	37,832	39,924
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month1,000 pounds	43,174	53,623	70,559	66,931
Palm				
Consumption				
Once refined oil removed for use in processing1,000 pounds	229,433	229,434	236,388	212,943
Removed for edible use in processing1,000 pounds	223,896	223,904	224,788	208,213
Removed for inedible use in processing1,000 pounds	5,537	5,530	11,600	4,730
Stocks				
Once refined oil on hand end of month1,000 pounds	312,605	303,227	267,420	305,163
Peanut				
Refine				
Crude oil processed in refining1,000 pounds	23,465	37,457	26,861	27,623
Once refined oil produced1,000 pounds	22,799	36,089	25,732	26,667
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	20,779	34,554	36,867	29,323
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month1,000 pounds	18,629	16,860	(D)	(D)
Once refined oil on hand end of month1,000 pounds	(D)	(D)	(D)	(D)
Safflower				
Refine				
Crude oil processed in refining1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil produced1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	(D)	6,177	(D)	6,035
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month1,000 pounds	(D)	(D)	(D)	1,988
Once refined oil on hand end of month1,000 pounds	(D)	(D)	(D)	(D)
Sunflower				
Refine				
Crude oil processed in refining1,000 pounds	50,683	47,900	47,946	40,710
Once refined oil produced1,000 pounds	47,451	45,695	46,289	38,723
Consumption				
Crude oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing1,000 pounds	35,839	38,260	39,515	36,609
Removed for edible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month1,000 pounds	33,214	37,154	38,099	(D)
Once refined oil on hand end of month1,000 pounds	23,662	23,757	25,113	22,222
Vegetable foots, raw and acidulated				
Refine				
Oil produced1,000 pounds	(D)	(D)	(D)	(D)
Consumption				
Oil removed for inedible use in processing1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Oil on hand end of month1,000 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: 2021 (continued)

Item	Total 2021
Palm kernel	
Consumption	
Once refined oil removed for use in processing..... 1,000 pounds	565,911
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	2,697,509
Removed for edible use in processing 1,000 pounds	2,601,382
Removed for inedible use in processing..... 1,000 pounds	96,127
Peanut	
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	(D)
Removed for edible use in processing 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
Safflower	
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	60,792
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	573,460
Once refined oil produced..... 1,000 pounds	546,594
Consumption	
Crude oil removed for inedible use in processing 1,000 pounds	(D)
Once refined oil removed for use in processing..... 1,000 pounds	453,704
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.

Animal Fats and Oils Production, Consumption and Stocks – United States: 2021

Item	January 2021	February 2021	March 2021	April 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease				
Production.....	112,172	108,286	108,982	97,445
Removed for inedible use	108,526	111,633	107,621	96,310
Stocks on hand end of month.....	13,223	9,877	11,238	12,373
Feather meal				
Production.....	81,286	86,309	83,980	81,631
Stocks on hand end of month.....	24,711	14,905	15,568	15,752
Lard				
Production.....	21,702	22,389	17,456	20,696
Removed for use in processing	21,304	24,448	20,165	20,683
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.....	10,355	9,621	6,912	6,925
Meat meal, meat and bone meal, and dry rendered tankage				
Production.....	416,645	424,692	513,462	481,207
Stocks on hand end of month.....	72,648	73,567	68,074	68,720
Other grease				
Production.....	33,686	30,832	39,492	35,284
Removed for inedible use in processing	33,936	31,214	42,624	32,209
Stocks on hand end of month.....	(D)	(D)	7,046	(D)
Poultry fats				
Production.....	167,245	174,726	179,452	170,567
Removed for inedible use in processing	171,675	173,515	183,605	168,501
Stocks on hand end of month.....	28,175	29,386	25,233	27,299
Poultry by-product meals				
Production.....	249,316	277,931	293,462	277,928
Stocks on hand end of month.....	47,142	53,923	43,638	48,016
Tallow, edible				
Production.....	73,053	90,103	94,481	90,917
Removed for use in processing	74,711	96,063	98,462	92,185
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.....	22,683	(D)	13,019	12,000
Tallow, inedible				
Production.....	269,443	290,555	365,475	367,648
Removed for inedible use in processing	265,168	280,464	368,767	364,010
Stocks on hand end of month.....	95,120	105,210	(D)	105,462
Tallow, technical				
Production.....	88,167	97,483	109,266	112,081
Removed for inedible use in processing	86,468	98,049	111,236	110,151
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Yellow grease				
Production.....	169,599	152,284	210,963	195,987
Removed for inedible use in processing	181,690	146,927	194,194	203,599
Stocks on hand end of month.....	75,943	81,153	97,920	90,308

See footnote(s) at end of table.

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Animal Fats and Oils Production, Consumption and Stocks – United States: 2021 (continued)

Item	May 2021	June 2021	July 2021	August 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease				
Production.....	91,738	88,615	83,645	96,856
Removed for inedible use.....	97,532	90,666	83,532	95,186
Stocks on hand end of month.....	6,541	4,529	4,642	6,313
Feather meal				
Production.....	93,858	84,855	80,188	84,291
Stocks on hand end of month.....	14,092	18,632	17,844	20,022
Lard				
Production.....	21,085	19,885	22,967	26,822
Removed for use in processing.....	23,777	20,972	23,031	26,340
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.....	5,198	6,096	6,032	6,514
Meat meal, meat and bone meal, and dry rendered tankage				
Production.....	456,634	427,461	420,054	427,951
Stocks on hand end of month.....	61,885	63,389	66,064	67,340
Other grease				
Production.....	37,021	34,356	55,949	61,586
Removed for inedible use in processing.....	36,349	28,663	53,550	63,770
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Poultry fats				
Production.....	196,754	186,549	176,395	176,931
Removed for inedible use in processing.....	192,167	183,383	180,055	173,836
Stocks on hand end of month.....	31,886	35,052	31,391	34,486
Poultry by-product meals				
Production.....	307,753	282,989	263,412	276,217
Stocks on hand end of month.....	52,014	54,577	76,132	76,506
Tallow, edible				
Production.....	102,834	101,309	85,015	83,690
Removed for use in processing.....	107,463	83,106	89,379	81,770
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.....	7,522	(D)	(D)	(D)
Tallow, inedible				
Production.....	339,224	306,293	303,938	343,634
Removed for inedible use in processing.....	348,586	309,784	301,368	335,493
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Tallow, technical				
Production.....	118,323	94,045	107,856	126,145
Removed for inedible use in processing.....	119,506	93,579	109,241	125,802
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Yellow grease				
Production.....	182,246	201,313	181,497	175,725
Removed for inedible use in processing.....	184,125	197,468	173,678	171,379
Stocks on hand end of month.....	88,427	92,212	100,031	104,378

See footnote(s) at end of table.

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Animal Fats and Oils Production, Consumption and Stocks – United States: 2021 (continued)

Item	September 2021	October 2021	November 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Choice white grease				
Production.....	102,844	103,514	129,988	123,435
Removed for inedible use	101,908	104,062	127,668	126,360
Stocks on hand end of month.....	7,249	6,701	9,239	6,315
Feather meal				
Production.....	78,093	84,174	80,324	77,684
Stocks on hand end of month.....	14,838	18,194	20,916	13,193
Lard				
Production.....	27,109	25,739	34,175	30,416
Removed for use in processing	27,491	28,156	37,328	31,368
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.....	6,132	5,836	4,725	4,950
Meat meal, meat and bone meal, and dry rendered tankage				
Production.....	489,251	480,665	520,433	494,499
Stocks on hand end of month.....	76,931	94,276	103,456	81,910
Other grease				
Production.....	42,562	50,831	38,213	45,421
Removed for inedible use in processing	41,247	43,495	44,449	43,943
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Poultry fats				
Production.....	176,139	174,260	167,555	163,485
Removed for inedible use in processing	173,157	175,329	167,924	169,826
Stocks on hand end of month.....	37,469	36,401	36,031	29,689
Poultry by-product meals				
Production.....	277,804	281,337	280,759	271,214
Stocks on hand end of month.....	109,547	111,313	115,846	100,954
Tallow, edible				
Production.....	76,604	77,433	86,896	66,873
Removed for use in processing	78,491	81,142	91,676	67,586
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.....	21,943	18,371	15,860	20,536
Tallow, inedible				
Production.....	350,054	342,024	377,789	285,505
Removed for inedible use in processing	329,082	331,404	383,668	304,995
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Tallow, technical				
Production.....	124,777	129,384	125,128	103,539
Removed for inedible use in processing	123,773	130,416	122,514	105,968
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
Yellow grease				
Production.....	186,146	189,877	187,154	171,389
Removed for inedible use in processing	169,840	178,050	220,539	178,984
Stocks on hand end of month.....	120,684	132,511	98,756	90,985

See footnote(s) at end of table.

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Animal Fats and Oils Production, Consumption and Stocks – United States: 2021 (continued)

Item	Total 2021 (1,000 pounds)
Choice white grease	
Production.....	1,247,520
Removed for inedible use.....	1,251,004
Feather meal	
Production.....	996,673
Lard	
Production.....	290,441
Removed for use in processing.....	305,063
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.....	5,552,954
Other grease	
Production.....	505,233
Removed for inedible use in processing.....	495,449
Poultry fats	
Production.....	2,110,058
Removed for inedible use in processing.....	2,112,973
Poultry by-product meals	
Production.....	3,340,122
Tallow, edible	
Production.....	1,029,208
Removed for use in processing.....	1,042,034
Removed for edible use in processing.....	(D)
Removed for inedible use in processing.....	(D)
Tallow, inedible	
Production.....	3,941,582
Removed for inedible use in processing.....	3,922,789
Tallow, technical	
Production.....	1,336,194
Removed for inedible use in processing.....	1,336,703
Yellow grease	
Production.....	2,204,180
Removed for inedible use in processing.....	2,200,473

(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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Joshua Bates – Oats, Soybeans	(202) 690-3234
David Colwell – Current Agricultural Industrial Reports.....	(202) 720-8800
Michelle Harder – Barley, County Estimates, Hay.....	(202) 690-8533
James Johanson – Rye, Wheat	(202) 720-8068
Greg Lemmons – Corn, Flaxseed, Proso Millet	(202) 720-9526
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Travis Thorson – Sunflower, Other Oilseeds	(202) 720-7369
Lihan Wei – Peanuts, Rice.....	(202) 720-7688

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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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