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# Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks 2020 Summary

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# USDA





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## Summary

### 2020 Fats and Oils Oilseed Crushings, Production, Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2020 Annual Summary of the Fats and Oils: Oilseed Crushings, Production, Consumption and Stocks contains data and annual totals for January through December of 2020.

**Soybeans crushed** for crude oil was 66.2 million tons in 2020, an increase of 6 percent from 2019. Crude oil production was 25.4 billion pounds, up 5 percent from 2019.

**Canola seeds crushed** for crude oil was 2.28 million tons in 2020, up 23 percent from 2019. Crude oil production was 1.91 billion pounds, up 23 percent from 2019.

Tallow was published in three categories (edible, inedible, and technical). The largest percentage of tallow production was **inedible tallow** at 3.53 billion pounds in 2020. **Choice white grease production** was 1.32 billion pounds in 2020.

## Soybean Crushing, Production, Consumption and Stocks – United States: 2020

Item	January 2020	February 2020	March 2020	April 2020
<b>Crush</b>				
Soybeans crushed .....	5,663,403	5,258,777	5,764,867	5,501,825
Crude oil produced..... 1,000 pounds	2,154,427	1,999,524	2,201,068	2,099,465
Cake and meal produced .....	4,144,355	3,863,475	4,234,605	4,038,220
For animal feed .....	4,089,068	3,813,559	4,179,583	3,984,610
For edible protein products.....	55,287	49,916	55,022	53,610
Millfeed produced.....	281,394	259,153	283,308	273,957
<b>Refine</b>				
Crude oil processed in refining..... 1,000 pounds	1,442,642	1,469,241	1,634,117	1,288,755
Once refined oil produced..... 1,000 pounds	1,408,135	1,428,523	1,596,738	1,261,415
<b>Consumption</b>				
Crude oil removed for inedible use in processing..... 1,000 pounds	95,472	86,466	107,897	117,421
Once refined oil removed for use in processing..... 1,000 pounds	1,428,464	1,410,035	1,583,459	1,277,068
Removed for edible use in processing..... 1,000 pounds	1,086,568	1,085,193	1,182,312	924,937
Removed for inedible use in processing..... 1,000 pounds	341,896	324,842	401,147	352,131
<b>Stocks</b>				
Cake and meal on hand end of month.....	302,321	396,511	368,552	341,681
Millfeed on hand end of month .....	42,612	45,837	46,497	44,512
Crude oil on hand end of month .....	1,989,164	1,996,747	1,933,648	2,223,538
Crusher.....	862,567	947,485	856,124	939,273
Refiner .....	467,764	463,068	407,465	443,346
Offsite .....	658,833	586,194	670,059	840,919
Once refined oil on hand end of month.....	366,733	380,051	392,946	377,063

See footnote(s) at end of table.

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## Soybean Crushing, Production, Consumption and Stocks – United States: 2020 (continued)

Item	May 2020	June 2020	July 2020	August 2020
<b>Crush</b>				
Soybeans crushed..... tons	5,386,534	5,318,419	5,535,196	5,240,230
Crude oil produced .....1,000 pounds	2,057,617	2,035,269	2,122,758	2,012,823
Cake and meal produced..... tons	3,970,047	3,904,725	4,080,746	3,851,205
For animal feed..... tons	3,914,540	3,847,451	4,024,727	3,805,984
For edible protein products ..... tons	55,507	57,274	56,019	45,221
Millfeed produced ..... tons	270,933	262,751	280,424	260,540
<b>Refine</b>				
Crude oil processed in refining.....1,000 pounds	1,570,271	1,602,012	1,712,925	1,682,550
Once refined oil produced.....1,000 pounds	1,532,758	1,567,576	1,667,551	1,639,547
<b>Consumption</b>				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	116,577	119,840
Once refined oil removed for use in processing .....1,000 pounds	1,513,117	1,622,194	1,667,696	1,610,021
Removed for edible use in processing .....1,000 pounds	1,073,872	1,169,175	1,186,887	1,137,884
Removed for inedible use in processing.....1,000 pounds	439,245	453,019	480,809	472,137
<b>Stocks</b>				
Cake and meal on hand end of month ..... tons	442,173	420,426	411,925	388,138
Millfeed on hand end of month..... tons	55,674	41,877	38,595	32,959
Crude oil on hand end of month.....1,000 pounds	2,048,938	1,925,728	1,776,460	1,575,628
Crusher.....1,000 pounds	875,530	773,306	729,374	656,302
Refiner.....1,000 pounds	431,345	450,977	380,940	322,528
Offsite.....1,000 pounds	742,063	701,445	666,146	596,798
Once refined oil on hand end of month .....1,000 pounds	396,477	345,083	346,764	369,479

See footnote(s) at end of table.

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**Soybean Crushing, Production, Consumption and Stocks – United States: 2020 (continued)**

Item	September 2020	October 2020	November 2020	December 2020
<b>Crush</b>				
Soybeans crushed ..... tons	5,131,665	5,897,079	5,731,207	5,794,233
Crude oil produced..... 1,000 pounds	1,967,621	2,282,471	2,206,792	2,233,486
Cake and meal produced ..... tons	3,754,168	4,335,054	4,230,274	4,235,822
For animal feed..... tons	3,704,259	4,289,031	4,191,026	4,190,556
For edible protein products..... tons	49,909	46,023	39,248	45,266
Millfeed produced..... tons	255,248	280,538	286,020	305,109
<b>Refine</b>				
Crude oil processed in refining..... 1,000 pounds	1,576,908	1,692,858	1,617,081	1,614,330
Once refined oil produced..... 1,000 pounds	1,540,809	1,650,706	1,580,598	1,576,008
<b>Consumption</b>				
Crude oil removed for inedible use in processing ..... 1,000 pounds	134,972	113,410	135,477	148,651
Once refined oil removed for use in processing..... 1,000 pounds	1,564,674	1,595,129	1,547,094	1,614,446
Removed for edible use in processing..... 1,000 pounds	1,111,465	1,159,944	1,072,405	1,118,660
Removed for inedible use in processing..... 1,000 pounds	453,209	435,185	474,689	495,786
<b>Stocks</b>				
Cake and meal on hand end of month..... tons	312,944	342,914	415,107	308,933
Millfeed on hand end of month ..... tons	28,392	31,285	43,310	50,460
Crude oil on hand end of month ..... 1,000 pounds	1,507,489	1,568,464	1,684,535	1,717,305
Crusher..... 1,000 pounds	604,951	693,170	759,569	781,381
Refiner..... 1,000 pounds	328,136	288,339	267,253	277,490
Offsite..... 1,000 pounds	574,402	586,955	657,713	658,434
Once refined oil on hand end of month..... 1,000 pounds	345,186	399,547	432,562	393,481

See footnote(s) at end of table.

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## Soybean Crushing, Production, Consumption and Stocks – United States: 2020 (continued)

Item	Total 2020
<b>Crush</b>	
Soybeans crushed..... tons	66,223,435
Crude oil produced ..... 1,000 pounds	25,373,321
Cake and meal produced..... tons	48,642,696
For animal feed..... tons	48,034,394
For edible protein products ..... tons	608,302
Millfeed produced ..... tons	3,299,375
<b>Refine</b>	
Crude oil processed in refining..... 1,000 pounds	18,903,690
Once refined oil produced..... 1,000 pounds	18,450,364
<b>Consumption</b>	
Crude oil removed for inedible use in processing..... 1,000 pounds	1,422,740
Once refined oil removed for use in processing ..... 1,000 pounds	18,433,397
Removed for edible use in processing ..... 1,000 pounds	13,309,302
Removed for inedible use in processing..... 1,000 pounds	5,124,095

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

## Soybean Crushing – Regional: 2020

Region	Soybeans crushed			
	January 2020	February 2020	March 2020	April 2020
	(tons)	(tons)	(tons)	(tons)
Illinois.....	680,082	640,984	635,912	671,323
Iowa.....	1,149,329	1,088,121	1,195,974	1,112,064
North and East <sup>1</sup> .....	1,331,469	1,219,111	1,315,398	1,277,645
North Central <sup>2</sup> .....	819,487	779,178	917,472	863,843
South, West and Pacific <sup>3</sup> .....	688,347	612,836	717,311	650,338
West Central <sup>4</sup> .....	994,689	918,547	982,800	926,612
Region	Crude oil produced			
	January 2020	February 2020	March 2020	April 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	262,992	247,577	249,561	264,309
Iowa.....	437,677	415,770	454,269	423,253
North and East <sup>1</sup> .....	505,365	463,127	505,281	489,298
North Central <sup>2</sup> .....	301,556	284,673	337,357	313,346
South, West and Pacific <sup>3</sup> .....	264,035	234,117	275,266	250,523
West Central <sup>4</sup> .....	382,802	354,260	379,334	358,736
Region	Crude oil stocks at crusher			
	January 2020	February 2020	March 2020	April 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	188,981	207,636	125,429	155,734
Iowa.....	175,855	220,735	201,124	203,994
North and East <sup>1</sup> .....	202,076	202,995	189,326	197,397
North Central <sup>2</sup> .....	190,088	197,700	206,518	251,079
South, West and Pacific <sup>3</sup> .....	(D)	50,184	60,372	62,372
West Central <sup>4</sup> .....	(D)	68,235	73,355	68,697
Region	Cake and meal produced			
	January 2020	February 2020	March 2020	April 2020
	(tons)	(tons)	(tons)	(tons)
Illinois.....	494,229	470,010	461,604	488,001
Iowa.....	839,810	795,187	874,779	815,390
North and East <sup>1</sup> .....	978,893	903,277	971,216	942,859
North Central <sup>2</sup> .....	602,353	575,311	677,063	634,961
South, West and Pacific <sup>3</sup> .....	500,257	444,767	524,541	473,168
West Central <sup>4</sup> .....	728,813	674,923	725,402	683,841
Region	Cake and meal stocks			
	January 2020	February 2020	March 2020	April 2020
	(tons)	(tons)	(tons)	(tons)
Illinois.....	(D)	104,176	64,793	64,585
Iowa.....	45,618	57,048	59,254	41,711
North and East <sup>1</sup> .....	68,352	91,350	101,508	101,387
North Central <sup>2</sup> .....	35,194	37,049	50,888	36,106
South, West and Pacific <sup>3</sup> .....	(D)	32,756	39,831	(D)
West Central <sup>4</sup> .....	44,905	74,132	52,278	(D)

See footnote(s) at end of table.

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**Soybean Crushing – Regional: 2020 (continued)**

Region	Soybeans crushed			
	May 2020	June 2020	July 2020	August 2020
	(tons)	(tons)	(tons)	(tons)
Illinois .....	576,483	667,194	684,439	683,793
Iowa .....	1,100,051	982,154	1,109,862	1,100,944
North and East <sup>1</sup> .....	1,242,434	1,174,651	1,218,596	1,136,320
North Central <sup>2</sup> .....	854,165	903,057	865,768	850,283
South, West and Pacific <sup>3</sup> .....	635,744	649,999	676,389	528,476
West Central <sup>4</sup> .....	977,657	941,364	980,142	940,414
Region	Crude oil produced			
	May 2020	June 2020	July 2020	August 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois .....	229,132	256,210	269,860	270,562
Iowa .....	419,557	374,079	418,835	420,085
North and East <sup>1</sup> .....	476,061	458,046	467,559	446,338
North Central <sup>2</sup> .....	313,372	332,743	316,057	311,733
South, West and Pacific <sup>3</sup> .....	243,751	249,481	266,757	202,368
West Central <sup>4</sup> .....	375,744	364,710	383,690	361,737
Region	Crude oil stocks at crusher			
	May 2020	June 2020	July 2020	August 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois .....	108,904	108,765	135,051	111,723
Iowa .....	173,673	129,901	112,281	102,529
North and East <sup>1</sup> .....	221,161	191,839	164,513	151,241
North Central <sup>2</sup> .....	240,239	231,520	198,657	167,974
South, West and Pacific <sup>3</sup> .....	61,539	39,877	46,092	40,970
West Central <sup>4</sup> .....	70,014	71,404	72,780	81,865
Region	Cake and meal produced			
	May 2020	June 2020	July 2020	August 2020
	(tons)	(tons)	(tons)	(tons)
Illinois .....	418,999	481,992	493,129	494,121
Iowa .....	806,876	720,800	809,592	808,546
North and East <sup>1</sup> .....	923,780	876,500	913,112	843,230
North Central <sup>2</sup> .....	632,245	659,985	640,954	628,144
South, West and Pacific <sup>3</sup> .....	463,113	472,294	503,026	382,736
West Central <sup>4</sup> .....	725,034	693,154	720,933	694,428
Region	Cake and meal stocks			
	May 2020	June 2020	July 2020	August 2020
	(tons)	(tons)	(tons)	(tons)
Illinois .....	(D)	82,686	59,768	79,781
Iowa .....	82,284	49,376	49,142	56,515
North and East <sup>1</sup> .....	78,560	116,076	117,219	86,188
North Central <sup>2</sup> .....	56,373	64,440	66,782	73,354
South, West and Pacific <sup>3</sup> .....	(D)	(D)	78,073	34,550
West Central <sup>4</sup> .....	72,660	(D)	40,941	57,750

See footnote(s) at end of table.

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**Soybean Crushing – Regional: 2020 (continued)**

Region	Soybeans crushed			
	September 2020	October 2020	November 2020	December 2020
	(tons)	(tons)	(tons)	(tons)
Illinois.....	596,321	701,837	699,518	676,653
Iowa.....	1,129,883	1,179,232	1,161,457	1,206,389
North and East <sup>1</sup> .....	1,197,052	1,353,433	1,258,202	1,286,949
North Central <sup>2</sup> .....	785,032	945,362	930,684	932,895
South, West and Pacific <sup>3</sup> .....	582,097	736,784	737,323	726,266
West Central <sup>4</sup> .....	841,280	980,431	944,023	965,081
Region	Crude oil produced			
	September 2020	October 2020	November 2020	December 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	234,411	273,528	269,901	256,308
Iowa.....	435,255	465,886	460,839	479,689
North and East <sup>1</sup> .....	459,483	518,764	481,274	496,703
North Central <sup>2</sup> .....	288,812	357,605	352,779	355,533
South, West and Pacific <sup>3</sup> .....	225,880	287,805	280,184	272,543
West Central <sup>4</sup> .....	323,780	378,883	361,815	372,710
Region	Crude oil stocks at crusher			
	September 2020	October 2020	November 2020	December 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Illinois.....	70,521	85,740	97,961	97,208
Iowa.....	98,426	118,238	123,061	131,349
North and East <sup>1</sup> .....	128,751	155,644	169,071	191,111
North Central <sup>2</sup> .....	149,224	171,630	191,475	195,616
South, West and Pacific <sup>3</sup> .....	57,438	50,435	55,360	53,892
West Central <sup>4</sup> .....	100,591	111,483	122,641	112,205
Region	Cake and meal produced			
	September 2020	October 2020	November 2020	December 2020
	(tons)	(tons)	(tons)	(tons)
Illinois.....	428,802	508,750	509,635	479,154
Iowa.....	827,995	865,397	863,830	884,343
North and East <sup>1</sup> .....	873,751	988,468	933,354	947,899
North Central <sup>2</sup> .....	581,941	706,839	690,980	695,890
South, West and Pacific <sup>3</sup> .....	424,571	539,615	534,223	524,963
West Central <sup>4</sup> .....	617,108	725,985	698,252	703,573
Region	Cake and meal stocks			
	September 2020	October 2020	November 2020	December 2020
	(tons)	(tons)	(tons)	(tons)
Illinois.....	(D)	67,835	87,937	59,441
Iowa.....	30,215	57,555	60,490	35,518
North and East <sup>1</sup> .....	91,693	70,234	93,138	95,399
North Central <sup>2</sup> .....	57,606	56,982	66,881	39,779
South, West and Pacific <sup>3</sup> .....	20,300	(D)	59,920	21,579
West Central <sup>4</sup> .....	(D)	(D)	46,741	57,217

See footnote(s) at end of table.

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**Soybean Crushing – Regional: 2020 (continued)**

Region	Soybeans crushed Total 2019
	(tons)
Illinois .....	7,914,539
Iowa .....	13,515,460
North and East <sup>1</sup> .....	15,011,260
North Central <sup>2</sup> .....	10,447,226
South, West and Pacific <sup>3</sup> .....	7,941,910
West Central <sup>4</sup> .....	11,393,040
Region	Crude oil produced Total 2019
	(1,000 pounds)
Illinois .....	3,084,351
Iowa .....	5,205,194
North and East <sup>1</sup> .....	5,767,299
North Central <sup>2</sup> .....	3,865,566
South, West and Pacific <sup>3</sup> .....	3,052,710
West Central <sup>4</sup> .....	4,398,201
Region	Cake and meal produced Total 2019
	(tons)
Illinois .....	5,728,426
Iowa .....	9,912,545
North and East <sup>1</sup> .....	11,096,339
North Central <sup>2</sup> .....	7,726,666
South, West and Pacific <sup>3</sup> .....	5,787,274
West Central <sup>4</sup> .....	8,391,446

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

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

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

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

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

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

Item	January 2020	February 2020	March 2020	April 2020
<b>Canola</b>				
Crush				
Seeds crushed..... tons	167,209	175,341	187,954	177,888
Crude oil produced..... 1,000 pounds	139,259	146,789	160,872	147,542
Cake and meal produced..... tons	94,339	97,233	104,055	98,926
Refine				
Crude oil processed in refining..... 1,000 pounds	103,581	144,402	126,796	139,004
Once refined oil produced..... 1,000 pounds	100,610	139,600	122,378	134,337
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	163,709	144,469	167,895	151,976
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Cake and meal on hand end of month..... tons	(D)	(D)	(D)	56,636
Crude oil on hand end of month..... 1,000 pounds	48,991	52,171	59,058	59,722
Once refined oil on hand end of month..... 1,000 pounds	85,492	91,440	74,609	93,134
<b>Cottonseed</b>				
Crush				
Seeds crushed..... tons	156,040	158,000	157,799	142,392
Crude oil produced..... 1,000 pounds	44,333	46,793	43,497	40,994
Cake and meal produced..... tons	68,924	72,583	70,760	62,741
Refine				
Crude oil processed in refining..... 1,000 pounds	44,568	40,316	44,506	36,567
Once refined oil produced..... 1,000 pounds	43,282	39,113	43,096	35,541
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	47,720	34,479	41,144	30,304
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	20,752	25,466	24,175	23,198
Crude oil on hand end of month..... 1,000 pounds	(D)	27,788	30,647	(D)
Once refined oil on hand end of month..... 1,000 pounds	24,878	31,465	32,830	38,495
<b>Coconut</b>				
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 processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	67,050	63,151	63,953	57,656
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
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)
<b>Corn</b>				
Crush				
Crude oil produced..... 1,000 pounds	178,461	165,022	179,254	139,211
Refine				
Crude oil processed in refining..... 1,000 pounds	181,875	174,154	177,260	178,513
Once refined oil produced..... 1,000 pounds	177,405	169,604	172,537	173,577
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	168,217	174,056	186,508	174,245
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	19,549	37,681	39,481	17,287
Once refined oil on hand end of month..... 1,000 pounds	49,046	52,234	38,905	35,455

See footnote(s) at end of table.

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

Item	May 2020	June 2020	July 2020	August 2020
<b>Canola</b>				
Crush				
Seeds crushed..... tons	194,813	123,242	202,711	202,580
Crude oil produced .....1,000 pounds	161,642	105,607	171,572	171,519
Cake and meal produced..... tons	107,328	68,666	114,531	115,606
Refine				
Crude oil processed in refining.....1,000 pounds	126,876	119,752	165,881	131,124
Once refined oil produced.....1,000 pounds	122,620	115,913	160,555	125,964
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	161,074	153,785	171,720	171,755
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	63,239	(D)	58,011	25,292
Crude oil on hand end of month.....1,000 pounds	54,629	46,477	39,664	53,405
Once refined oil on hand end of month .....1,000 pounds	123,808	75,750	88,364	98,512
<b>Cottonseed</b>				
Crush				
Seeds crushed..... tons	93,725	130,788	115,562	138,562
Crude oil produced .....1,000 pounds	26,346	37,559	29,158	38,257
Cake and meal produced..... tons	39,903	62,368	47,302	61,290
Refine				
Crude oil processed in refining.....1,000 pounds	36,733	41,390	38,589	40,587
Once refined oil produced.....1,000 pounds	35,514	40,048	37,205	39,340
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	34,259	41,355	44,878	45,385
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	18,182	22,527	19,270	23,827
Crude oil on hand end of month.....1,000 pounds	21,900	(D)	(D)	15,906
Once refined oil on hand end of month .....1,000 pounds	39,389	40,179	34,243	29,404
<b>Coconut</b>				
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 processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	55,030	55,697	69,857	56,699
Removed for edible use in processing .....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	(D)	77,694	78,320	70,659
Once refined oil on hand end of month .....1,000 pounds	(D)	(D)	(D)	(D)
<b>Corn</b>				
Crush				
Crude oil produced .....1,000 pounds	177,596	158,267	165,848	163,964
Refine				
Crude oil processed in refining.....1,000 pounds	156,442	161,899	164,226	153,795
Once refined oil produced.....1,000 pounds	151,914	156,803	158,822	148,511
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	157,959	157,949	156,860	149,262
Removed for edible use in processing .....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	(D)	23,369	22,285	52,995
Once refined oil on hand end of month .....1,000 pounds	32,862	32,835	35,720	36,011

See footnote(s) at end of table.

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

Item	September 2020	October 2020	November 2020	December 2020
<b>Canola</b>				
Crush				
Seeds crushed..... tons	208,338	215,878	207,700	215,502
Crude oil produced..... 1,000 pounds	174,436	179,038	173,513	176,692
Cake and meal produced..... tons	121,434	123,169	117,446	118,867
Refine				
Crude oil processed in refining..... 1,000 pounds	169,510	159,030	152,242	148,439
Once refined oil produced..... 1,000 pounds	163,924	154,477	146,857	143,441
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	187,186	174,610	159,489	164,192
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	42,075	33,734	67,565	32,636
Crude oil on hand end of month..... 1,000 pounds	39,855	57,142	56,250	66,052
Once refined oil on hand end of month..... 1,000 pounds	92,021	93,198	74,280	98,555
<b>Cottonseed</b>				
Crush				
Seeds crushed..... tons	148,955	141,299	142,892	158,998
Crude oil produced..... 1,000 pounds	37,705	40,744	38,619	42,474
Cake and meal produced..... tons	61,105	64,119	62,962	69,927
Refine				
Crude oil processed in refining..... 1,000 pounds	38,576	43,771	45,649	35,697
Once refined oil produced..... 1,000 pounds	37,592	42,457	44,106	34,654
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	39,531	46,724	36,494	44,584
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	24,872	24,069	18,951	15,677
Crude oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	27,085
Once refined oil on hand end of month..... 1,000 pounds	27,939	25,190	33,522	24,337
<b>Coconut</b>				
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 processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	62,021	61,348	61,561	54,241
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	60,283	58,796	52,908	65,241
Once refined oil on hand end of month..... 1,000 pounds	(D)	70,298	65,017	57,182
<b>Corn</b>				
Crush				
Crude oil produced..... 1,000 pounds	158,100	167,262	173,425	170,910
Refine				
Crude oil processed in refining..... 1,000 pounds	162,083	159,689	153,674	164,340
Once refined oil produced..... 1,000 pounds	156,064	154,065	148,637	161,920
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	144,378	133,360	134,935	(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 month..... 1,000 pounds	48,703	51,473	64,679	61,020
Once refined oil on hand end of month..... 1,000 pounds	53,292	52,677	60,800	78,915

See footnote(s) at end of table.

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## Selected Oilseed Crushing, Production, Consumption and Stocks – United

Item	Total 2020
<b>Canola</b>	
Crush	
Seeds crushed..... tons	2,279,156
Crude oil produced ..... 1,000 pounds	1,908,481
Cake and meal produced..... tons	1,281,600
Refine	
Crude oil processed in refining..... 1,000 pounds	1,686,637
Once refined oil produced..... 1,000 pounds	1,630,676
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)
Once refined oil removed for use in processing..... 1,000 pounds	1,971,860
Removed for edible use in processing ..... 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
<b>Cottonseed</b>	
Crush	
Seeds crushed..... tons	1,685,012
Crude oil produced ..... 1,000 pounds	466,479
Cake and meal produced..... tons	743,984
Refine	
Crude oil processed in refining..... 1,000 pounds	486,949
Once refined oil produced..... 1,000 pounds	471,948
Consumption	
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)
Once refined oil removed for use in processing..... 1,000 pounds	486,857
Removed for edible use in processing ..... 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
<b>Coconut</b>	
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	728,264
Removed for edible use in processing ..... 1,000 pounds	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)
<b>Corn</b>	
Crush	
Crude oil produced	(D)
Refine	
Crude oil processed in refining..... 1,000 pounds	1,987,950
Once refined oil produced..... 1,000 pounds	1,929,859
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: 2020 (continued)**

Item	January 2020	February 2020	March 2020	April 2020
<b>Palm kernel</b>				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	26,972	20,049	22,811	22,337
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	53,070	55,320	54,193	56,930
<b>Palm</b>				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	201,060	186,924	206,697	174,246
Removed for edible use in processing..... 1,000 pounds	197,211	182,239	199,622	169,248
Removed for inedible use in processing..... 1,000 pounds	3,849	4,685	7,075	4,998
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	335,660	336,328	345,978	315,651
<b>Peanut</b>				
Refine				
Crude oil processed in refining..... 1,000 pounds	(D)	23,716	20,572	17,545
Once refined oil produced..... 1,000 pounds	(D)	22,021	19,930	16,602
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)	19,261	22,485	15,587
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	13,381	14,826	14,157	22,235
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
<b>Safflower</b>				
Refine				
Crude oil processed in refining..... 1,000 pounds	4,012	4,871	4,857	5,002
Once refined oil produced..... 1,000 pounds	4,013	4,870	4,802	4,953
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	7,455	5,968	6,287	6,661
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	12,679	9,229	(D)	13,935
Once refined oil on hand end of month..... 1,000 pounds	1,540	2,294	2,476	2,799
<b>Sunflower</b>				
Refine				
Crude oil processed in refining..... 1,000 pounds	48,484	40,673	49,758	42,156
Once refined oil produced..... 1,000 pounds	45,441	38,566	46,869	40,395
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	3,521	4,441	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	40,675	34,104	38,421	29,887
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	33,165	49,314	38,384	28,876
Once refined oil on hand end of month..... 1,000 pounds	18,721	19,697	22,322	17,721
<b>Vegetable foots, raw and acidulated</b>				
Refine				
Oil produced..... 1,000 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 month..... 1,000 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: 2020 (continued)**

Item	May 2020	June 2020	July 2020	August 2020
<b>Palm kernel</b>				
Consumption				
Once refined oil removed for use in processing.....1,000 pounds	27,202	38,606	44,705	37,943
Removed for edible use in processing .....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month .....1,000 pounds	43,722	67,751	72,568	81,265
<b>Palm</b>				
Consumption				
Once refined oil removed for use in processing.....1,000 pounds	186,065	245,657	237,835	245,568
Removed for edible use in processing .....1,000 pounds	180,337	241,057	234,175	238,854
Removed for inedible use in processing.....1,000 pounds	5,728	4,600	3,660	6,714
Stocks				
Once refined oil on hand end of month .....1,000 pounds	368,764	430,045	410,634	400,257
<b>Peanut</b>				
Refine				
Crude oil processed in refining.....1,000 pounds	(D)	27,311	28,688	28,411
Once refined oil produced.....1,000 pounds	(D)	25,507	27,450	26,412
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	(D)	26,206	29,660	27,347
Removed for edible use in processing .....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	18,165	18,925	11,766	(D)
Once refined oil on hand end of month .....1,000 pounds	(D)	(D)	(D)	(D)
<b>Safflower</b>				
Refine				
Crude oil processed in refining.....1,000 pounds	3,950	4,695	5,198	5,292
Once refined oil produced.....1,000 pounds	3,883	4,615	5,125	5,183
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	3,060	3,966	6,303	4,074
Removed for edible use in processing .....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	11,923	13,353	(D)	(D)
Once refined oil on hand end of month .....1,000 pounds	2,991	(D)	(D)	(D)
<b>Sunflower</b>				
Refine				
Crude oil processed in refining.....1,000 pounds	39,909	42,034	32,627	28,634
Once refined oil produced.....1,000 pounds	37,886	39,916	31,641	27,788
Consumption				
Crude oil removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing.....1,000 pounds	25,194	29,781	28,514	32,085
Removed for edible use in processing .....1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing.....1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month.....1,000 pounds	30,626	33,838	43,089	35,766
Once refined oil on hand end of month .....1,000 pounds	21,132	22,446	17,718	12,306
<b>Vegetable foots, raw and acidulated</b>				
Refine				
Oil produced .....1,000 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 month.....1,000 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: 2020 (continued)**

Item	September 2020	October 2020	November 2020	December 2020
<b>Palm kernel</b>				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	45,952	62,643	59,200	50,062
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	72,289	96,637	93,981	74,883
<b>Palm</b>				
Consumption				
Once refined oil removed for use in processing..... 1,000 pounds	237,079	257,716	233,528	230,568
Removed for edible use in processing..... 1,000 pounds	231,220	245,336	227,421	224,958
Removed for inedible use in processing..... 1,000 pounds	5,859	12,380	6,107	5,610
Stocks				
Once refined oil on hand end of month..... 1,000 pounds	376,329	334,010	296,495	261,988
<b>Peanut</b>				
Refine				
Crude oil processed in refining..... 1,000 pounds	26,279	39,415	33,547	26,560
Once refined oil produced..... 1,000 pounds	24,096	37,975	31,457	25,230
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	22,711	35,875	35,787	24,576
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	24,993	7,440	11,700	10,684
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	(D)	(D)
<b>Safflower</b>				
Refine				
Crude oil processed in refining..... 1,000 pounds	3,472	4,454	4,000	3,276
Once refined oil produced..... 1,000 pounds	3,401	4,363	4,071	3,334
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	4,895	3,904	4,306	5,486
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	3,409	5,887	8,968	6,685
Once refined oil on hand end of month..... 1,000 pounds	(D)	(D)	1,726	1,285
<b>Sunflower</b>				
Refine				
Crude oil processed in refining..... 1,000 pounds	36,337	56,477	56,084	48,107
Once refined oil produced..... 1,000 pounds	36,124	55,623	54,526	47,935
Consumption				
Crude oil removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Once refined oil removed for use in processing..... 1,000 pounds	32,377	42,340	44,156	39,278
Removed for edible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Removed for inedible use in processing..... 1,000 pounds	(D)	(D)	(D)	(D)
Stocks				
Crude oil on hand end of month..... 1,000 pounds	33,829	33,468	36,180	55,877
Once refined oil on hand end of month..... 1,000 pounds	14,133	19,194	21,718	23,557
<b>Vegetable foots, raw and acidulated</b>				
Refine				
Oil produced..... 1,000 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 month..... 1,000 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: 2020** (continued)

Item	Total 2020
<b>Palm kernel</b>	
Consumption	
Once refined oil removed for use in processing.....	1,000 pounds 458,482
Removed for edible use in processing .....	1,000 pounds (D)
Removed for inedible use in processing.....	1,000 pounds (D)
<b>Palm</b>	
Consumption	
Once refined oil removed for use in processing.....	1,000 pounds 2,642,943
Removed for edible use in processing .....	1,000 pounds 2,571,678
Removed for inedible use in processing.....	1,000 pounds 71,265
<b>Peanut</b>	
Refine	
Crude oil processed in refining.....	1,000 pounds 316,265
Once refined oil produced.....	1,000 pounds 298,217
Consumption	
Crude oil removed for inedible use in processing.....	1,000 pounds (D)
Once refined oil removed for use in processing.....	1,000 pounds 301,181
Removed for edible use in processing .....	1,000 pounds (D)
Removed for inedible use in processing.....	1,000 pounds (D)
<b>Safflower</b>	
Refine	
Crude oil processed in refining.....	1,000 pounds 53,079
Once refined oil produced.....	1,000 pounds 52,613
Consumption	
Crude oil removed for inedible use in processing.....	1,000 pounds (D)
Once refined oil removed for use in processing.....	1,000 pounds 62,365
Removed for edible use in processing .....	1,000 pounds (D)
Removed for inedible use in processing.....	1,000 pounds (D)
<b>Sunflower</b>	
Refine	
Crude oil processed in refining.....	1,000 pounds 521,280
Once refined oil produced.....	1,000 pounds 502,710
Consumption	
Crude oil removed for inedible use in processing.....	1,000 pounds 18,674
Once refined oil removed for use in processing.....	1,000 pounds 416,812
Removed for edible use in processing .....	1,000 pounds (D)
Removed for inedible use in processing.....	1,000 pounds (D)
<b>Vegetable foots, raw and acidulated</b>	
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: 2020

Item	January 2020	February 2020	March 2020	April 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Choice white grease</b>				
Production.....	115,706	125,112	126,508	88,974
Removed for inedible use.....	114,833	125,803	126,385	93,189
Stocks on hand end of month.....	10,611	9,920	10,045	5,829
<b>Feather meal</b>				
Production.....	100,659	110,205	101,749	91,649
Stocks on hand end of month.....	25,793	25,803	20,707	24,130
<b>Lard</b>				
Production.....	27,580	34,631	30,473	20,610
Removed for use in processing.....	27,257	34,319	28,897	19,863
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.....	8,970	7,601	9,210	9,579
<b>Meat meal, meat and bone meal, and dry rendered tankage</b>				
Production.....	461,192	508,573	515,537	363,868
Stocks on hand end of month.....	64,873	61,197	62,079	56,373
<b>Other grease</b>				
Production.....	38,806	41,345	40,066	30,045
Removed for inedible use in processing.....	37,370	42,611	37,590	29,313
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
<b>Poultry fats</b>				
Production.....	200,807	214,949	210,153	185,602
Removed for inedible use in processing.....	201,075	215,684	212,712	185,397
Stocks on hand end of month.....	31,231	30,496	28,407	28,613
<b>Poultry by-product meals</b>				
Production.....	284,114	308,284	289,530	266,643
Stocks on hand end of month.....	39,631	37,502	34,110	30,137
<b>Tallow, edible</b>				
Production.....	80,744	91,790	92,659	60,029
Removed for use in processing.....	79,094	94,986	101,170	45,363
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.....	18,924	15,763	7,379	(D)
<b>Tallow, inedible</b>				
Production.....	295,633	325,764	336,650	226,905
Removed for inedible use in processing.....	291,921	329,711	337,869	238,785
Stocks on hand end of month.....	104,494	100,547	99,328	87,448
<b>Tallow, technical</b>				
Production.....	103,163	121,049	114,294	75,055
Removed for inedible use in processing.....	107,927	119,991	114,156	80,420
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
<b>Yellow grease</b>				
Production.....	175,195	173,103	201,657	156,537
Removed for inedible use in processing.....	163,724	184,343	205,367	179,276
Stocks on hand end of month.....	102,091	90,849	88,627	65,885

See footnote(s) at end of table.

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**Animal Fats and Oils Production, Consumption and Stocks – United States: 2020 (continued)**

Item	May 2020	June 2020	July 2020	August 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Choice white grease</b>				
Production .....	110,913	114,975	98,436	104,807
Removed for inedible use .....	108,731	113,761	99,287	103,034
Stocks on hand end of month .....	8,011	9,152	8,328	10,100
<b>Feather meal</b>				
Production .....	107,366	96,402	92,723	107,198
Stocks on hand end of month .....	29,834	27,568	27,910	23,132
<b>Lard</b>				
Production .....	18,726	25,203	22,559	24,079
Removed for use in processing.....	18,312	26,364	21,416	22,554
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 .....	9,259	9,678	8,205	10,972
<b>Meat meal, meat and bone meal, and dry rendered tankage</b>				
Production .....	401,117	433,970	480,455	471,223
Stocks on hand end of month .....	66,791	67,908	64,710	64,844
<b>Other grease</b>				
Production .....	33,402	40,935	38,728	41,693
Removed for inedible use in processing.....	34,566	38,289	40,477	39,700
Stocks on hand end of month .....	(D)	(D)	(D)	(D)
<b>Poultry fats</b>				
Production .....	229,986	207,202	195,113	225,399
Removed for inedible use in processing.....	222,459	207,160	199,741	221,576
Stocks on hand end of month .....	36,139	36,181	31,553	35,376
<b>Poultry by-product meals</b>				
Production .....	315,975	271,874	270,253	307,523
Stocks on hand end of month .....	37,014	36,721	42,485	50,020
<b>Tallow, edible</b>				
Production .....	57,236	76,768	80,418	91,330
Removed for use in processing.....	54,873	89,088	81,479	78,992
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 .....	24,724	12,512	(D)	(D)
<b>Tallow, inedible</b>				
Production .....	278,733	324,334	294,802	324,407
Removed for inedible use in processing.....	259,179	334,144	296,780	325,634
Stocks on hand end of month .....	107,693	(D)	95,891	96,196
<b>Tallow, technical</b>				
Production .....	78,736	111,176	115,434	132,955
Removed for inedible use in processing.....	77,668	109,836	114,566	134,788
Stocks on hand end of month .....	(D)	(D)	(D)	(D)
<b>Yellow grease</b>				
Production .....	137,949	173,312	179,650	171,785
Removed for inedible use in processing.....	124,941	176,460	176,690	160,004
Stocks on hand end of month .....	78,795	75,647	78,611	90,391

See footnote(s) at end of table.

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**Animal Fats and Oils Production, Consumption and Stocks – United States: 2020 (continued)**

Item	September 2020	October 2020	November 2020	December 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Choice white grease</b>				
Production.....	105,618	96,576	116,917	110,632
Removed for inedible use.....	106,395	94,307	115,358	114,200
Stocks on hand end of month.....	9,317	11,586	13,145	9,577
<b>Feather meal</b>				
Production.....	108,896	99,801	106,956	96,594
Stocks on hand end of month.....	26,915	26,098	25,515	24,797
<b>Lard</b>				
Production.....	24,641	24,052	26,652	24,185
Removed for use in processing.....	28,742	21,459	27,865	22,969
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.....	6,644	(D)	6,319	8,599
<b>Meat meal, meat and bone meal, and dry rendered tankage</b>				
Production.....	501,547	411,103	468,428	440,433
Stocks on hand end of month.....	68,587	68,579	69,324	68,558
<b>Other grease</b>				
Production.....	41,658	35,938	35,378	38,730
Removed for inedible use in processing.....	43,021	38,357	36,308	39,049
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
<b>Poultry fats</b>				
Production.....	237,473	209,067	216,160	195,729
Removed for inedible use in processing.....	238,683	212,259	218,693	191,565
Stocks on hand end of month.....	34,166	30,974	28,441	32,605
<b>Poultry by-product meals</b>				
Production.....	316,491	281,576	303,464	268,235
Stocks on hand end of month.....	46,057	43,748	38,541	44,281
<b>Tallow, edible</b>				
Production.....	90,142	62,801	82,585	73,204
Removed for use in processing.....	92,794	63,866	80,116	72,403
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.....	(D)	(D)	23,283	(D)
<b>Tallow, inedible</b>				
Production.....	328,260	254,285	279,307	264,828
Removed for inedible use in processing.....	330,149	250,299	280,313	270,562
Stocks on hand end of month.....	93,602	97,587	(D)	90,847
<b>Tallow, technical</b>				
Production.....	132,756	96,225	97,134	84,720
Removed for inedible use in processing.....	135,434	94,454	97,398	85,516
Stocks on hand end of month.....	(D)	(D)	(D)	(D)
<b>Yellow grease</b>				
Production.....	186,640	178,423	172,894	179,928
Removed for inedible use in processing.....	183,228	192,088	166,316	178,621
Stocks on hand end of month.....	93,843	80,733	86,732	88,033

See footnote(s) at end of table.

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**Animal Fats and Oils Production, Consumption and Stocks – United States: 2020 (continued)**

Item	Total 2020 (1,000 pounds)
<b>Choice white grease</b>	
Production .....	1,315,174
Removed for inedible use .....	1,315,283
<b>Feather meal</b>	
Production .....	1,220,198
<b>Lard</b>	
Production .....	303,391
Removed for use in processing.....	300,017
Removed for edible use in processing .....	(D)
Removed for inedible use in processing.....	(D)
<b>Meat meal, meat and bone meal, and dry rendered tankage</b>	
Production .....	5,457,446
<b>Other grease</b>	
Production .....	456,724
Removed for inedible use in processing.....	456,651
<b>Poultry fats</b>	
Production .....	2,527,640
Removed for inedible use in processing.....	2,527,004
<b>Poultry by-product meals</b>	
Production .....	3,483,962
<b>Tallow, edible</b>	
Production .....	939,706
Removed for use in processing.....	934,224
Removed for edible use in processing .....	(D)
Removed for inedible use in processing.....	(D)
<b>Tallow, inedible</b>	
Production .....	3,533,908
Removed for inedible use in processing.....	3,545,346
<b>Tallow, technical</b>	
Production .....	1,262,697
Removed for inedible use in processing.....	1,272,154
<b>Yellow grease</b>	
Production .....	2,087,073
Removed for inedible use in processing.....	2,091,058

(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](mailto:nass@usda.gov)

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James Johanson – Barley, County Estimates, Hay .....	(202) 690-8533
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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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