

# Department of Commerce Census Shows Industry's Production

Fish Oil Shows Greatest Increase Over Corresponding Period Last Year. Corn and Lard Off.

**T**HE Department of Commerce announces that the factory production of fats and oils (exclusive of refined oils and derivatives) during the three-month period ended December 31, 1926, was as follows: Vegetable oils, 1,165,895,148 pounds; fish oils, 24,080,433 pounds; animal fats, 499,116,767 pounds; and grease, 95,066,473 pounds; a total of 1,784,158,826 pounds. Of the several kinds of fats and oils covered by this inquiry, the greatest production, 851,637,570 pounds, appears for cottonseed oil. Next in order is

lard with 372,447,996 pounds; linseed oil with 206,496,045 pounds; tallow with 123,974,727 pounds; coconut oil with 64,570,430 pounds and corn oil with 27,854,486 pounds.

The production of refined oils during the period was as follows: Cottonseed 679,873,670 pounds; coconut, 59,020,026 pounds; peanut, 1,605,631 pounds; corn, 19,487,216 pounds; soya-bean, 577,110 pounds; and palm-kernel, 65,781 pounds. The quantity of crude oil used in the production of each of these refined oils is included in the figures of crude consumed.

## PRODUCTION, CONSUMPTION, AND STOCKS OF FATS AND OILS

(In some cases, where products were made by a continuous process, the intermediate products were not reported.)

Kind	Factory operations for the quarter ending Dec. 31, 1926		Factory and Warehouse stocks Dec. 31, 1926 (pounds)
	Production (pounds)	Consumption (pounds)	
<b>VEGETABLE OILS</b>			
Cottonseed, crude .....	851,637,570	740,570,066	155,455,120
Cottonseed, refined .....	679,873,670	353,167,749	332,343,692
Peanut, virgin and crude .....	2,717,791	2,246,605	1,815,826
Peanut, refined .....	1,605,631	1,947,731	464,515
Coconut, or copra, crude .....	64,570,430	124,099,274	84,536,689
Coconut, or copra, refined .....	59,020,026	51,840,995	14,820,574
Corn, crude .....	27,854,486	28,431,625	8,165,906
Corn, refined .....	19,487,216	2,494,112	10,765,970
Soya-bean, crude .....	734,703	2,717,483	5,832,217
Soya-bean, refined .....	577,110	969,879	1,774,478
Olive, edible .....	350,024	418,089	3,648,272
Olive, inedible .....		1,561,466	2,580,746
Sulphur oil, or olive foots .....		8,846,214	5,190,543
Palm-kernel, crude .....		4,170,632	340,068
Palm-kernel, refined .....	65,781	43,294	44,671
Rapeseed .....	900	3,591,104	5,113,570
Linseed .....	206,496,045	102,617,796	174,098,444
Chinese wood or tung .....		21,107,009	18,059,125
Chinese vegetable tallow .....		815,172	1,233,269
Castor .....	11,352,933	4,577,897	6,367,420
Palm .....		30,133,681	18,003,991
All other .....	180,266	3,126,330	5,362,352

## FISH OILS:<sup>1</sup>

Cod and cod-liver .....	414,428	4,573,784	9,164,088
Menhaden .....	15,605,194	9,029,721	26,095,451
Whale .....	1,915,418	7,577,216	33,794,474
Herring, including sardine .....	5,764,372	9,203,176	14,924,589
Sperm .....	.....	338,814	2,330,031
All other (including marine animal) .	381,021	3,940,678	1,045,885

<sup>1</sup> The data of oils produced, consumed and on hand by fish oil producers and fish canners were collected by the Bureau of Fisheries.

## ANIMAL FATS:

Lard, neutral .....	9,753,574	6,300,330	2,544,196
Lard, other edible .....	362,694,422	3,259,152	49,009,722
Tallow, edible .....	15,120,795	11,591,128	4,478,049
Tallow, inedible .....	108,853,932	130,759,922	85,010,877
Neat's-foot oil .....	2,694,044	2,110,325	1,831,788

## GREASES:

White .....	16,987,901	5,091,172	5,995,161
Yellow .....	17,722,809	13,259,841	10,061,238
Brown .....	11,825,592	9,826,354	6,074,433
Bone .....	6,014,043	436,803	3,626,405
Tankage .....	13,925,256	1,013,514	4,685,618
Garbage or house .....	22,196,723	21,003,395	12,391,727
Wool .....	1,955,796	1,459,266	2,870,488
Recovered .....	891,736	534,711	1,131,208
All other .....	3,546,622	1,224,123	3,154,886

## OTHER PRODUCTS:

Lard compounds and other lard substitutes .....	338,893,858	353,875	22,926,118
Hydrogenated oils .....	131,040,779	122,130,739	11,226,981
Stearin, vegetable .....	4,330,001	4,872,769	2,544,512
Stearin, animal, edible .....	20,646,738	14,062,236	5,888,794
Stearin, animal, inedible .....	4,704,464	5,177,114	4,316,273
Oleo oil .....	37,995,760	13,901,845	15,701,698
Lard oil .....	7,283,057	5,618,931	5,601,621
Tallow oil .....	3,639,702	2,366,711	2,567,497
Fatty acids .....	41,154,727	52,454,546	5,604,436
Fatty acids, distilled .....	14,194,954	15,599,458	3,977,533
Red oil .....	12,314,670	5,453,425	6,765,609
Stearic acid .....	8,513,441	2,997,870	4,286,934
Glycerin, crude, 80% basis .....	31,974,100	35,516,183	9,452,465
Glycerin, dynamite .....	14,420,392	9,460,719	8,654,341
Glycerin, chemically pure .....	16,182,175	1,429,843	5,346,396
Cottonseed foots, 50% basis .....	99,041,536	58,278,554	61,322,477
Cottonseed foots, distilled .....	50,249,556	50,919,235	5,858,702
Other vegetable oil foots .....	15,544,666	13,810,071	5,633,797
Other vegetable oil foots, distilled ..	400,089	554,686	539,609
Acidulated soap stock .....	19,740,418	28,264,949	16,933,960
Miscellaneous soap stock .....	1,121,892	1,259,243	311,997

## IMPORTS OF OIL SEEDS, QUARTER ENDED DEC. 31, 1926

Kind	Tons	Kind	Tons
Cottonseed .....	8,447	Poppy seed .....	1,479
Castor beans .....	12,339	Perilla and sesame seed .....	430
Copra .....	61,622	Other oil seeds .....	2,392
Flaxseed .....	187,875		

**RAW MATERIALS USED IN THE MANUFACTURE OF VEGETABLE OILS**

Kind	Tons of 2,000 pounds		Kind	Tons of 2,000 pounds	
	Consumed Sept. 30 to Dec. 31	On hand Dec. 31		Consumed Sept. 30 to Dec. 31	On hand Dec. 31
Cottonseed .....	2,851,523	1,291,919	Corn germs .....	53,533	295
Peanuts, hulled..	3,689	432	Flaxseed .....	310,382	172,324
Peanuts, in the hull .....	185	145	Castor beans ...	12,204	4,102
Copra .....	49,909	18,532	Mustard seed ...	334	672
Coconuts and skins .....	1,294	380	Soya-beans .....	2,566	1,553
Rapeseed .....	2	.....	Olives .....	1,377	34
			Other kinds .....	178	200

**IMPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DEC. 31, 1926**

Kind	Pounds	Kind	Pounds
Whale oil .....	4,901,468	Palm oil .....	28,536,150
Cod and cod-liver.....	12,765,008	Palm-kernel oil .....	384,139
Other fish oils.....	5,666,430	Peanut oil .....	676,591
Beef and hog fats.....	474,084	Rape oil .....	5,888,408
Wool grease .....	3,773,056	Linseed oil .....	255,279
Grease and oils, n. e. s. (value) .....	\$58,702	Sesame oil .....	2,497,669
Chinese wood oil or nut oil	22,937,365	Soya-bean oil .....	5,026,217
Coconut oil .....	80,331,476	Vegetable tallow .....	511,000
Clive oil, edible.....	15,278,197	Vegetable wax .....	2,177,321
Sulphur oil, or olive foots.	4,642,048	Other vegetable oils.....	317,781
Olive oil, denatured.....	1,266,991	Glycerin, crude .....	4,939,829
		Glycerin, refined .....	3,887,433

**EXPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DEC. 31, 1926**

Kind	Pounds	Kind	Pounds
Beef and hog fats.....	427,822	Olive oil, edible .....	128,943
Fish oils .....	1,164,535	Palm and palm-kernel oil..	276,420
Other animal oils, fats and greases .....	118,254	Peanut oil .....	279,132
Chinese wood oil or nut oil.	1,416,333	Soya-bean oil .....	346,898
Coconut oil .....	1,604,603	Other vegetable oils .....	711,209
		Vegetable wax .....	129,174

**EXPORTS OF DOMESTIC FATS AND OILS, QUARTER ENDED DEC. 31, 1926**

Kind	Pounds	Kind	Pounds
Oleo oil .....	22,821,935	Other animal greases, oils and fats .....	23,817,072
Neat's-foot oil .....	303,893	Coconut oil .....	4,794,672
Other animal oils.....	196,787	Cottonseed oil, crude ...	7,858,186
Fish oils .....	318,928	Cottonseed oil, refined....	6,616,688
Oleo stock .....	1,838,203	Linseed oil .....	369,273
Tallow .....	2,945,829	Soya-bean oil .....	814,342
Lard .....	153,166,169	Corn oil .....	41,764
Lard, neutral .....	4,680,613	Vegetable oil lard com- pound .....	2,397,065
Lard compound, containing animal fats .....	3,566,240	Vegetable soap stock....	1,570,334
Oleo and lard stearin....	1,575,450	Other vegetable oils and fats .....	2,977,403
Grease stearin .....	518,843	Glycerin .....	172,494
Oleic acid, or red oil....	72,329		
Stearic acid .....	351,658		