

# Fat and Oil Data for Fourth Quarter 1930

*Production, Consumption, Exports and Imports with Factory and Warehouse Stocks December 31, 1930*

WASHINGTON, D. C., February 4, 1931.—The Department of Commerce announces that the factory production of fats and oils (exclusive of refined oil and derivatives) during the three-month period ended December 31, 1930, was as follows: vegetable oils, 1,003,813,580 pounds; fish oils, 27,814,528 pounds; animal fats, 515,598,363 pounds; and greases, 88,509,932 pounds; a total of 1,635,736,403 pounds. Of the several kinds of fats and oils covered by this inquiry, the greatest production, 725,462,965 pounds appears for cottonseed oil. Next in order is lard with 388,936,388 pounds; linseed oil with 131,256,804 pounds; tallow with 125,337,778 pounds; coconut oil with 90,921,026 pounds,

and corn oil with 26,166,566 pounds.

The production of refined oils during the period was as follows: Cottonseed, 636,407,386 pounds; coconut, 77,611,919 pounds; peanut, 2,001,988 pounds; corn, 25,481,770 pounds; soya-bean, 2,367,591 pounds; and palm-kernel, 4,398,658 pounds. The quantity of crude oil used in the production of each of these refined oils is included in the figures of crude consumed.

The data for the factory production, factory consumption, imports, exports and factory and warehouse stocks of fats and oils and for the raw materials used in the production of vegetable oils for the three-month period appear in the following statements:

## 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 VEGETABLE OILS: <sup>1</sup>	Factory operations for the quarter ended Dec. 31, 1930		Factory and Ware'se stocks Dec. 31, 1930 (pounds)
	Production (pounds)	Consumption (pounds)	
Cottonseed, crude .....	725,462,965	692,025,173	114,248,422
Cottonseed, refined .....	636,407,386	331,745,892	428,609,270
Peanut, virgin and crude .....	4,923,869	2,510,737	7,888,443
Peanut, refined .....	2,001,988	2,498,178	1,857,630
Coconut, or copra, crude .....	90,921,026	159,545,086	164,205,940
Coconut, or copra, refined .....	77,611,919	79,710,666	22,352,232
Corn, crude .....	26,166,566	32,784,875	7,882,274
Corn, refined .....	25,481,770	5,632,544	8,881,799
Soya-bean, crude .....	6,193,747	4,209,346	12,282,259
Soya-bean, refined .....	2,367,591	2,074,918	2,665,678
Olive, edible .....	679,075	508,391	8,354,428
Olive, inedible .....	9,500	1,487,502	1,779,873
Sulphur oil, or olive foots .....	—	10,089,843	29,249,433
Palm-kernel, crude .....	332,126	15,350,678	15,234,364
Palm-kernel, refined .....	4,398,658	3,349,652	2,055,156
Rapeseed .....	—	2,697,526	5,370,682
Linseed .....	131,256,804	69,206,656	113,594,170
Chinese wood or tung .....	—	17,376,409	49,599,494
Chinese vegetable tallow .....	—	936,087	3,502,168
Castor .....	10,036,527	4,159,124	8,378,763
Palm .....	—	54,785,195	92,301,979
All other .....	7,831,375	7,857,698	7,129,245
<b>FISH OILS: <sup>1</sup></b>			
Cod and cod-liver .....	356,729	3,791,861	10,611,506
Menhaden .....	3,516,095	4,154,070	11,350,516
Whale .....	5,789,438	16,476,641	57,070,796
Herring, including sardine .....	17,304,645	15,398,895	100,342,637
Sperm .....	392,805	325,291	4,327,364
All other, (including marine animal) .....	454,815	2,556,540	14,067,648

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

**PRODUCTION, CONSUMPTION, AND STOCKS OF FATS AND OILS (Continued)**

KIND	Factory operations for the quarter ended Dec. 31, 1930		Factory and Ware'se stocks Dec. 31, 1930
	Production (pounds)	Consumption (pounds)	
<b>ANIMAL FATS:</b>			
Lard, neutral .....	5,764,907	4,152,024	1,356,653
Lard, other edible .....	383,171,481	6,960,459	44,086,081
Tallow, edible .....	12,583,384	10,133,389	4,119,445
Tallow, inedible .....	112,754,394	132,386,105	140,954,169
Neat's-foot oil .....	1,324,197	1,132,034	1,424,297
<b>GREASES:</b>			
White .....	15,240,360	9,878,578	8,811,696
Yellow .....	19,654,235	9,082,599	11,530,686
Brown .....	11,447,491	13,735,613	12,888,589
Bone .....	5,991,197	26,730	2,916,595
Tankage .....	12,578,302	94,833	5,756,087
Garbage or house .....	18,521,706	13,599,811	25,538,475
Wool .....	1,987,224	1,002,965	3,372,941
Recovered .....	1,019,920	881,297	3,989,932
All other .....	2,069,497	1,173,901	2,406,234
<b>OTHER PRODUCTS:</b>			
Lard compounds and other lard substitutes .....	331,412,492	558,788	26,672,374
Hydrogenated oils .....	164,887,718	145,584,586	23,298,070
Stearin, vegetable .....	3,677,923	4,588,528	2,103,826
Stearin, animal, edible .....	13,457,907	10,741,527	3,101,088
Stearin, animal, inedible .....	3,233,501	3,965,453	7,286,991
Oleo oil .....	26,121,276	12,069,841	19,686,439
Lard oil .....	2,350,585	2,396,571	3,655,945
Tallow oil .....	1,269,223	1,950,188	1,711,206
Fatty acids .....	33,142,289	31,266,091	10,975,043
Fatty acids, distilled .....	10,400,323	8,272,253	4,444,827
Red oil .....	7,422,586	5,337,245	5,788,752
Stearic acid .....	6,419,746	2,131,410	5,515,328
Glycerin, crude 80% basis .....	32,980,423	38,298,245	12,793,160
Glycerin, dynamite .....	13,460,752	7,148,175	9,160,185
Glycerin, chemically pure .....	19,550,975	2,030,697	6,829,504
Cottonseed foots, 50% basis .....	91,308,356	73,905,080	74,330,938
Cottonseed foots, distilled .....	20,525,277	18,708,002	7,318,099
Other vegetable oil foots .....	18,590,302	14,307,599	4,068,471
Other vegetable oil foots, distilled .....	296,890	608,497	337,269
Acidulated soap stock .....	22,497,062	10,914,301	27,032,579
Miscellaneous soap stock .....	417,130	958,052	1,528,717

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

KIND	Tons of 2,000 pounds		KIND	Tons of 2,000 pounds	
	Consumed Oct. 1 to Dec. 31	On hand Dec. 31		Consumed Oct. 1 to Dec. 31	On hand Dec. 31
Cottonseed .....	2,407,807	991,341	Flaxseed .....	206,944	125,218
Peanuts, hulled .....	5,844	1,733	Castor beans .....	10,830	7,294
Peanuts, in the hull .....	2,176	1,017	Mustard seed .....	151	1,478
Copra .....	71,134	41,077	Soya-beans .....	21,251	33,401
Coconuts and skins .....	543	88	Olives .....	2,788	90
Corn germs .....	41,211	258	Other kinds .....	9,642	4,383

**IMPORTS OF OIL SEEDS, QUARTER ENDED DECEMBER 31, 1930.**

KIND	Pounds	KIND	Pounds
Cotton seed .....	15	Poppy seed .....	1,258
Castor beans .....	14,818	Perilla and sesame seed .....	13,055
Copra .....	105,030	Soya beans .....	248
Flaxseed .....	21,114	Other oil seeds .....	8,378

## IMPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DECEMBER 31, 1930.

KIND	Pounds	KIND	Pounds
Animal oils & fats, edible .....	663,615	Other olive oil, inedible .....	1,497,782
Whale oil .....	388,575	Palm oil .....	91,151,712
Cod oil .....	3,561,484	Palm-kernel oil .....	7,214,738
Cod-liver oil .....	5,736,191	Sesame oil .....	25,481
Other fish oils .....	8,401,763	Vegetable tallow .....	
Tallow .....	118,588	Vegetable wax .....	453,455
Wool grease .....	1,088,894	Carnauba wax .....	2,291,907
Grease and oils, n.e.s. (value) .....	\$15,246	Rape (colza) oil .....	3,987,585
Stearine and fatty acids .....	1,797,477	Linseed oil .....	16,752
Olive oil, edible .....	18,055,601	Soya-bean oil .....	1,679,675
Peanut oil .....	1,569,226	Perilla oil .....	
Other edible vegetable oils .....	5,862,423	Other expressed oils .....	479,423
Tung oil .....	23,639,139	Glycerin crude .....	3,258,466
Coconut oil .....	94,552,005	Glycerin, refined .....	1,307,101
Sulphur oil or olive foots .....	10,594,019		

## EXPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DECEMBER 31, 1930.

KIND	Pounds	KIND	Pounds
Animal fats & oils, edible .....	1,500	Coconut oil .....	510,577
Fish oils .....	585,010	Palm & palm-kernel oil .....	234,116
Other animal oils & fats, inedible .....	11,381	Peanut oil .....	18,586
Olive oil, edible .....	19,484	Soya-bean oil .....	500
Tung oil .....	1,316,899	Other expressed oils & fats .....	259,735
		Vegetable wax .....	161,876

## EXPORTS OF DOMESTIC FATS AND OILS, QUARTER ENDED DECEMBER 31, 1930.

KIND	Pounds	KIND	Pounds
Oleo oil .....	14,199,170	Other animal greases & fats .....	18,039,702
Oleo stock .....	1,979,784	Cottonseed oil, crude .....	1,845,366
Tallow .....	1,456,514	Cottonseed oil, refined .....	4,699,871
Lard .....	129,061,885	Corn oil .....	175,035
Lard neutral .....	2,833,216	Vegetable oil lard compounds .....	1,552,065
Lard compounds, containing animal fats .....	706,956	Other edible vegetable oils and fats.....	1,184,922
Oleo & lard stearin .....	1,582,894	Coconut oil .....	5,887,867
Neat's-foot oil .....	375,789	Linseed oil .....	360,857
Other animal oils, inedible .....	689,949	Soya-bean oil .....	1,273,027
Fish oils .....	640,056	Vegetable soap stock .....	4,521,745
Grease stearin .....	1,569,125	Other expressed oils and fats, inedible..	1,275,801
Oleic acid, or red oil .....	278,398	Glycerin .....	102,468
Stearic acid .....	62,587		