

# Fourth Quarter Census Report

**T**HE 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, 1927, was as follows: Vegetable oils, 1,072,711,413 pounds; fish oils, 20,511,635 pounds; animal fats, 488,056,396 pounds; and greases, 89,709,275 pounds; a total of 1,670,988,710 pounds. Of the several kinds of fats and oils covered by this inquiry, the greatest production, 712,126,785 pounds appears for cottonseed oil. Next in order is lard with 381,371,605 pounds; linseed oil with 233,046,103 pounds; tallow with 104,581,274 pounds; coconut oil with 72,447,810 pounds;

and corn oil with 31,991,776 lbs.

The production of refined oils during the period was as follows: Cottonseed, 576,615,063 pounds; coconut, 73,169,412 pounds; peanut, 3,508,883 pounds; corn, 28,902,550 pounds; soya-bean, 1,934,261 pounds; and palm-kernel, 4,302,176 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	Factory operations for the quarter ended Dec. 31, 1927		Factory and Warehouse stocks Dec. 31, 1927
	Production (pounds)	Consumption (pounds)	
Vegetables Oils:			
Cottonseed, crude .....	712,126,785	620,006,209	157,577,576
Cottonseed, refined .....	576,615,063	251,804,992	502,900,676
Peanut, virgin and crude.....	5,143,677	4,186,892	1,598,106
Peanut, refined .....	3,508,883	2,978,977	1,371,709
Coconut, or copra, crude.....	72,447,810	133,912,428	99,544,037
Coconut, or copra, refined.....	73,169,412	69,590,011	15,491,270
Corn, crude .....	31,991,776	34,719,639	14,060,083
Corn, refined .....	28,902,550	5,083,804	10,367,833
Soya-bean, crude .....	1,163,899	3,399,015	4,667,718
Soya-bean, refined .....	1,934,261	758,223	1,494,034
Olive, edible .....	492,630	646,564	4,806,199
Olive, inedible .....	7,575	1,360,388	992,949
Sulphur oil, or olive foots.....		9,186,791	6,122,443
Palm-kernel, crude .....		15,541,340	12,177,205
Palm-kernel, refined .....	4,302,176	2,470,107	2,130,033
Rapeseed .....		4,388,323	5,716,541
Linseed .....	238,046,103	113,302,351	193,543,961
Chinese wood or tung.....		20,094,824	17,580,827
Chinese vegetable tallow.....		878,323	1,024,392
Castor .....	10,905,424	5,340,748	4,953,417

Kind	Factory operations for the quarter ended Dec. 31, 1927		Factory and Warehouse stocks Dec. 31, 1927
	Production (pounds)	Consumption (pounds)	(pounds)
Palm .....		33,972,199	41,153,599
All other .....	385,734	2,167,238	4,345,763
<b>Fish Oils:<sup>1</sup></b>			
Cod and cod-liver .....	844,455	4,500,852	9,001,342
Menhaden .....	11,397,509	12,401,610	26,561,210
Whale .....	2,418,375	11,726,428	25,007,379
Herring, including sardine.....	5,509,822	9,310,161	22,363,093
Sperm .....		208,757	2,391,383
All other, including marine animal	341,474	6,509,583	10,515,489
<b>Animal Fats:</b>			
Lard, neutral .....	8,775,783	6,509,665	3,161,759
Lard, other edible .....	372,595,822	3,953,279	49,887,465
Tallow, edible .....	11,737,434	8,318,543	3,969,364
Tallow, inedible .....	92,843,840	143,506,313	76,996,822
Neat's-foot oil .....	2,103,517	1,482,468	1,509,829
<b>Greases:</b>			
White .....	15,688,351	6,936,538	5,270,013
Yellow .....	16,064,161	11,887,056	8,140,630
Brown .....	11,472,189	15,103,878	12,029,560
Bone .....	5,444,088	237,410	2,606,710
Tankage .....	13,564,403	237,634	3,987,101
Garbage or house.....	23,181,569	19,811,867	13,753,694
Wool .....	1,704,054	1,537,357	3,065,037
Recovered .....	630,727	706,857	1,008,137
All other .....	1,959,733	1,778,586	2,543,412
<b>Other Products:</b>			
Lard compounds and other lard substitutes .....	250,122,020	1,783,397	26,770,225
Hydrogenated oils .....	131,285,926	124,010,007	14,485,999
Stearin, vegetable .....	4,663,105	3,889,651	1,730,053
Stearin, animal, edible.....	15,915,540	10,526,289	5,891,258
Stearin, animal, inedible.....	2,222,401	2,800,567	3,649,483
Oleo oil .....	27,138,089	11,561,114	6,628,764
Lard oil .....	6,223,710	4,286,366	5,069,267
Tallow oil .....	3,754,688	1,931,910	1,869,234
Fatty acids .....	42,364,248	42,982,912	6,492,621
Fatty acids, distilled .....	12,041,013	10,106,497	3,369,544
Red oil .....	15,754,008	4,849,263	9,834,565
Stearic acid .....	11,302,923	3,600,068	3,678,336
Glycerin, crude 80% basis.....	31,489,319	34,610,814	18,266,458
Glycerin, dynamite .....	14,131,135	6,629,176	15,364,323
Glycerin, chemically pure.....	13,969,715	1,891,949	7,205,168
Cottonseed foots, 50% basis....	77,212,325	71,159,778	46,355,323
Cottonseed foots, distilled.....	37,298,562	34,846,435	6,886,029
Other vegetable oil foots.....	19,377,366	18,530,280	3,776,815
Other vegetable oil foots, distilled	87,880	289,314	282,470
Acidulated soap stock .....	26,857,686	20,327,456	13,455,203
Miscellaneous soap stock.....	30,013	50,334	26,696

<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

## RAW MATERIALS USED IN THE MANUFACTURE OF VEGETABLE OILS

Kind	Tons of 2,000 pounds Consumed		Kind	Tons of 2,000 pounds Consumed	
	Oct. 1 to	On hand		Oct. 1 to	On hand
	Dec. 31	Dec. 31		Dec. 31	Dec. 31
Cottonseed	2,264,517	992,049	Flaxseed	355,617	257,024
Peanuts, hulled	4,780	695	Castor beans	12,435	4,143
Peanuts, in the hull	3,735	381	Mustard seed	361	1,210
Copra	55,132	24,853	Soya-beans	4,394	908
Coconuts and skins	2,359	352	Olives	1,557	88
Corn germs	54,051	178	Other kinds	558	26

## IMPORTS OF OIL SEEDS, QUARTER ENDED DECEMBER 31, 1927

Kind	Tons	Kind	Tons
Cottonseed	51	Poppy seed	1,485
Castor beans	18,717	Perilla and sesame seed	32
Copra	68,642	Other oil seeds	2,422
Flaxseed	119,766		

## IMPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DECEMBER 31, 1927

Kind	Pounds	Kind	Pounds
Whale oil	1,241,910	Palm oil	54,095,830
Cod and cod-liver	11,441,482	Palm-kernel oil	25,966,075
Other fish oils	27,908,730	Peanut oil	854,038
Animal fats and oils, edible	12,769,683	Rape oil	7,006,020
Wool grease	1,883,514	Linseed oil	105,942
Grease and oils, n. e. s.		Sesame oil	496,147
(value)	\$105,003	Soya-bean oil	2,245,075
Chinese wood oil or nut oil	17,482,394	Vegetable tallow	1,218,779
Coconut oil	82,136,357	Vegetable wax	1,735,208
Olive oil, edible	8,896,141	Other vegetable oils	1,417,134
Sulphur oil, or olive foots	9,884,808	Glycerin, crude	2,889,311
Olive oil, denatured	2,043,487	Glycerin, refined	2,177,310

## EXPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DECEMBER 31, 1927

Kind	Pounds	Kind	Pounds
Animal fats and oils, edible	1,200	Olive oil, edible	18,261
Fish oils	37,015	Palm and palm-kernel oil	1,229,201
Other animal oils, fats and greases	61,922	Peanut oil	796,492
Chinese wood oil or nut oil	1,685,197	Soya-bean oil	111,225
Coconut oil	1,068,928	Other vegetable oils	114,971
		Vegetable wax	212,031

## EXPORTS OF DOMESTIC FATS AND OILS, QUARTER ENDED DECEMBER 31, 1927

Kind	Pounds	Kind	Pounds
Oleo oil	14,167,071	Stearic acid	557,299
Neat's-foot oil	354,963	Other animal greases, oils	16,196,145
Other animal oils	180,960	Cocoonut oil	5,502,548
Fish oils	126,031	Cottonseed oil, crude	17,308,029
Oleo stock	1,664,188	Cottonseed oil, refined	2,269,418
Tallow	1,536,642	Linseed oil	708,966
Lard	162,846,106	Soya-bean oil	1,835,798
Lard, neutral	4,699,050	Corn oil	89,411
Lard, compound, animal	1,261,169	Vegetable compound	1,078,576
Oleo and lard stearin	992,624	Vegetable soap stock	3,085,002
Grease stearin	468,960	Other vegetable oils	3,609,994
Oleic acid or red oil	870,815	Glycerin	344,352