

# Fat and Oil Data for Fourth Quarter 1928

## *Production, Consumption, Exports and Imports With Factory and Warehouse Stocks December 31, 1928*

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, 1928, was as follows: Vegetable oils, 1,125,298,523 pounds; fish oils, 21,155,818 pounds; animal fats, 530,384,614 pounds and greases, 94,950,210 pounds; a total of 1,821,789,165 pounds. Of the several kinds of fats and oils covered by this inquiry, the greatest production, 772,808,043 pounds appears for cottonseed oil. Next in order is lard with 469,753,434 pounds; linseed oil with 206,273,130 pounds; tallow with 109,052,212 pounds, coconut oil with 88,119,594 pounds and corn oil with 32,736,618 pounds.

The production of refined oils during the period was as follows: Cottonseed, 645,352,369 pounds; coconut 86,155,552 pounds; peanut, 2,624,036 pounds; corn, 28,873,563 pounds; soya-bean, 1,554,110 pounds; and palm-kernel, 4,781,489 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

(Where products were made by a continuous process, the intermediate products were not reported.)

KIND	Factory operations for the quarter ended Dec. 31, 1928	Consumption	Factory and Warehouse stocks Dec. 31, 1928
VEGETABLE OILS: <sup>1</sup>	(pounds)	(pounds)	(pounds)
Cottonseed, crude .....	772,808,043	698,801,104	133,836,969
Cottonseed, refined .....	645,352,360	319,289,527	431,693,697
Peanut, virgin and crude .....	3,569,061	3,273,185	1,539,461
Peanut, refined .....	2,624,036	2,628,937	1,487,841
Coconut, or copra, crude .....	88,119,594	156,654,851	101,602,024
Coconut, or copra, refined .....	86,155,552	75,083,597	14,444,990
Corn, crude .....	32,736,618	36,879,378	16,547,885
Corn, refined .....	28,873,563	4,337,222	11,157,229
Soya-bean, crude .....	1,506,338	3,324,438	4,574,037
Soya-bean, refined .....	1,554,110	843,275	1,410,284
Olive, edible .....	385,253	493,833	3,863,841
Olive, inedible .....	—	1,371,866	1,336,103
Olive foots .....	—	7,536,796	6,046,782
Palm-kernel, crude .....	—	9,426,579	16,583,451
Palm-kernel, refined .....	4,781,489	4,728,914	621,663
Rapeseed .....	—	3,655,930	3,849,388
Linseed .....	206,273,130	117,794,104	157,754,348
Chinese wood oil .....	—	22,834,726	25,424,215
Chinese vegetable tallow .....	—	783,198	1,103,270
Castor .....	18,834,778	7,706,043	7,539,171
Palm .....	—	45,039,977	21,739,772
All other .....	1,065,708	2,492,321	2,239,533
FISH OILS: <sup>1</sup>			
Cod and cod-liver .....	865,595	4,178,469	8,027,172
Menhaden .....	7,223,340	16,056,042	16,436,265
Whale .....	953,625	19,656,932	38,108,081
Herring, including sardine .....	11,652,360	13,751,929	25,576,478
Sperm .....	1,500	182,003	2,183,493
All other, (including marine animal) .....	459,398	732,630	666,755
ANIMAL FATS:			
Lard, neutral .....	10,843,228	6,925,147	4,779,335
Lard, other edible .....	458,910,206	3,360,237	73,622,927
Tallow, edible .....	10,709,746	7,273,219	3,592,494
Tallow, inedible .....	98,342,466	123,808,881	65,626,820
Neat's-foot oil .....	1,578,968	1,697,663	1,326,207

(1) The data of oils produced, consumed, and on hand by fish oil producers and fish canners were collected by the Bureau of Fisheries.

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

	Factory operations for the quarter ended Dec. 31, 1928		Factory and Ware'se stocks Dec. 31, 1928
	Production (pounds)	Consumption (pounds)	(pounds)
<b>GREASES:</b>			
White .....	19,143,155	7,410,204	9,236,938
Yellow .....	19,531,709	15,180,013	8,219,178
Brown .....	12,352,140	15,341,075	5,850,219
Bone .....	5,152,809	85,432	1,560,851
Tankage .....	13,089,071	805,025	2,681,028
Garbage or house .....	21,136,857	21,370,652	6,310,435
Wool .....	1,812,631	1,616,806	3,241,887
Recovered .....	612,398	717,579	578,553
All other .....	2,119,440	1,248,007	1,758,119
<b>OTHER PRODUCTS:</b>			
Lard compounds and other lard substitutes .....	296,875,248	70,702	29,915,766
Hydrogenated oils .....	178,992,523	170,345,277	15,974,715
Stearin, vegetable .....	4,290,830	5,590,930	3,069,788
Stearin, animal, edible .....	14,841,768	12,814,319	5,112,046
Stearin, animal, inedible .....	4,166,881	7,059,185	4,202,348
Oleo oil .....	27,635,041	13,418,326	13,014,752
Lard oil .....	5,432,869	4,373,231	3,509,226
Tallow oil .....	3,354,197	2,210,503	1,963,397
Fatty acids .....	36,964,698	40,164,327	6,605,255
Fatty acids, distilled .....	13,759,836	11,455,276	2,603,317
Red oil .....	17,711,677	7,970,245	8,805,809
Stearic acid .....	10,825,925	2,184,652	3,317,085
Glycerin, crude 80% basis .....	32,702,536	37,626,517	17,910,908
Glycerin, dynamite .....	12,143,009	8,653,074	9,909,855
Glycerin, chemically pure .....	19,119,477	1,827,759	8,053,967
Cottonseed foots, 50% basis .....	91,021,438	85,183,180	28,155,268
Cottonseed foots, distilled .....	28,567,048	26,274,710	5,957,014
Other vegetable oil foots .....	24,050,756	23,559,583	5,291,218
Other vegetable oil foots, distilled .....	180,505	1,005,460	253,497
Acidulated soap stock .....	29,535,452	13,518,088	16,157,477
Miscellaneous soap stock .....	38,602	53,273	199,838

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

KIND	Tons of 2000 pounds		KIND	Tons of 2000 pounds	
	Consumed Oct. 1 to Dec. 31	On hand Dec. 31		Consumed Oct. 1 to Dec. 31	On hand Dec. 31
Cottonseed .....	2,473,746	1,328,703	Flaxseed .....	313,346	214,578
Peanuts, hulled .....	3,716	301	Castor beans .....	21,014	6,102
Peanuts, in the hull .....	1,796	268	Mustard seed .....	403	1,319
Copra .....	69,124	22,793	Soya-beans .....	5,740	1,392
Coconuts and skins .....	1,231	20	Olives .....	1,696	3
Corn germs .....	52,439	412	Other kinds .....	2,634	683

### IMPORTS OF OIL SEEDS, QUARTER ENDED DEC. 31, 1928

KIND	Tons	KIND	Tons
Cotton seed .....	497	Poppy seed .....	1,390
Castor beans .....	19,740	Perilla and sesame seed .....	720
Copra .....	82,395	Other oil seeds .....	3,063
Flaxseed .....	116,434		

### IMPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED DEC. 31, 1928

KIND	Pounds	KIND	Pounds
Tallow .....	3,771,797	Palm oil .....	44,222,708
Other animal oils & fats, edible .....	438,020	Palm-kernel oil .....	20,375,996
Whale oil .....	1,945,178	Sesame oil .....	1,736,631
Cod oil .....	4,529,055	Vegetable wax .....	1,037,229
Cod-liver oil .....	6,775,013	Carnauba wax .....	1,180,971
Other fish oils .....	11,604,480	Peanut oil .....	614,404
Wool grease .....	3,162,925	Rape oil .....	4,630,793
Olive oil, edible .....	17,888,254	Linseed oil .....	11,148
Chinese wood oil .....	25,504,635	Soya-bean oil .....	2,253,502
Coconut oil .....	97,649,657	Perilla oil .....	452,763
Olive foots .....	8,552,430	Other expressed oils .....	1,853,413
Other olive oil, inedible .....	2,234,371	Glycerin, crude .....	2,767,766
		Glycerin, refined .....	3,124,090

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