

# Fat and Oil Data for First Quarter 1929

## *Production, Consumption Exports and Imports with Factory and Warehouse Stocks March 31, 1929*

**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 March 31, 1929, was as follows: Vegetable oils, 884,021,721 pounds; fish oils, 19,920,596 pounds; animal fats, 656,500,156 pounds; and greases, 100,606,316 pounds; a total of 1,661,048,789 pounds. Of the several kinds of fats and oils covered by this inquiry, the greatest production, 536,920,852 pounds appears for lard. Next in order is cottonseed oil with 522,824,575 pounds; linseed oil with 200,122,722 pounds; tallow with 118,340,413 pounds; coconut oil with 90,175,368 pounds, and corn oil with 36,350,888 pounds.

The production of refined oils during the

period was as follows: Cottonseed, 500,415,614 pounds; coconut, 83,755,347 pounds; peanut, 3,381,316 pounds; corn, 36,317,998 pounds; soya-bean, 2,367,175 pounds; and palm-kernel, 3,985,123 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:

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

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

| KIND                                       | Factory operations for the quarter ended Mar. 31, 1929 |                      | Factory and                             |
|--|--|----------------------|---|
|  | Production (pounds)                                    | Consumption (pounds) | Warehouse stocks Mar. 31, 1929 (pounds) |
| <b>VEGETABLE OILS: <sup>1</sup></b>        |  |                      |   |
| Cottonseed, crude .....                    | 522,824,575  | 544,134,745          | 106,954,831                             |
| Cottonseed, refined .....                  | 500,415,614  | 303,618,393          | 584,978,238                             |
| Peanut, virgin and crude .....             | 4,462,713  | 4,078,642            | 1,814,304                               |
| Peanut, refined .....                      | 3,381,316  | 2,503,682            | 1,581,786                               |
| Coconut, or copra, crude .....             | 90,175,368   | 162,062,793          | 116,267,405                             |
| Coconut, or copra, refined .....           | 83,755,347   | 75,542,900           | 14,493,772                              |
| Corn, crude .....                          | 36,350,888   | 43,786,840           | 12,496,670                              |
| Corn, refined .....                        | 36,317,998   | 9,179,749            | 11,791,087                              |
| Soya-bean, crude .....                     | 3,082,740  | 6,400,730            | 8,228,961                               |
| Soya-bean, refined .....                   | 2,367,175  | 1,094,027            | 1,420,293                               |
| Olive, edible .....                        | 583,081  | 353,434              | 4,940,142                               |
| Olive, inedible .....                      | 12,925   | 1,515,936            | 1,567,953                               |
| Sulphur oil, or olive foots .....          | —  | 9,852,216            | 6,019,096                               |
| Palm-kernel, crude .....                   | —  | 10,822,998           | 18,491,038                              |
| Palm-kernel, refined .....                 | 3,985,123  | 3,669,525            | 905,753                                 |
| Rapeseed .....                             | —  | 3,417,688            | 3,263,270                               |
| Linseed .....                              | 200,122,722  | 121,575,007          | 181,438,594                             |
| Chinese wood or tung .....                 | —  | 23,296,823           | 24,595,764                              |
| Chinese vegetable tallow .....             | —  | 882,704              | 601,248                                 |
| Castor .....                               | 24,125,847   | 8,621,218            | 7,872,008                               |
| Palm .....                                 | —  | 43,096,864           | 28,716,498                              |
| All other .....                            | 2,280,812  | 2,467,751            | 2,817,701                               |
| <b>FISH OILS: <sup>1</sup></b>             |  |                      |   |
| Cod and cod-liver .....                    | 225,425  | 3,535,850            | 7,343,068                               |
| Menhaden .....                             | —  | 8,129,492            | 8,848,125                               |
| Whale .....                                | —  | 17,594,279           | 20,768,169                              |
| Herring, including sardine .....           | 19,605,855   | 16,563,169           | 29,106,133                              |
| Sperm .....                                | —  | 192,082              | 3,038,869                               |
| All other, (including marine animal) ..... | 89,316   | 227,146              | 527,175                                 |
| <b>ANIMAL FATS:</b>                        |  |                      |   |
| Lard, neutral .....                        | 14,167,597   | 6,502,263            | 6,867,810                               |
| Lard, other edible .....                   | 522,753,255  | 3,235,831            | 137,148,503                             |
| Tallow, edible .....                       | 11,243,771   | 7,068,551            | 3,910,667                               |
| Tallow, inedible .....                     | 107,096,642  | 126,807,740          | 92,844,155                              |
| Neat's-foot oil .....                      | 1,238,891  | 1,537,024            | 1,446,827                               |

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

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

| KIND  | Factory operations for the<br>quarter ended Mar. 31, 1929 |                         | Factory and<br>Ware'se stocks<br>Mar. 31, 1929<br>(pounds) |
|---|---|-------------------------|--|
|   | Production<br>(pounds)                                    | Consumption<br>(pounds) |  |
| <b>GREASES:</b>                                 |   |                         |  |
| White .....                                     | 22,932,816  | 11,049,826              | 8,514,513  |
| Yellow .....                                    | 20,153,454  | 13,265,343              | 9,265,217  |
| Brown .....                                     | 12,126,557  | 10,494,433              | 5,711,854  |
| Bone .....                                      | 5,464,500   | 16,254                  | 1,722,117  |
| Tankage .....                                   | 12,728,181  | 379,144                 | 2,498,530  |
| Garbage or house .....                          | 22,109,308  | 19,041,097              | 5,750,785  |
| Wool .....                                      | 1,809,232   | 1,720,772               | 3,100,368  |
| Recovered .....                                 | 594,858   | 832,258                 | 586,390  |
| All other .....                                 | 2,687,410   | 1,159,868               | 1,923,933  |
| <b>OTHER PRODUCTS:</b>                          |   |                         |  |
| Lard compounds and other lard substitutes ..... | 279,574,949   | 103,456                 | 27,817,587   |
| Hydrogenated oils .....                         | 158,178,245   | 149,950,968             | 14,516,706   |
| Stearin, vegetable .....                        | 3,822,384   | 5,419,084               | 2,786,018  |
| Stearin, animal, edible .....                   | 14,841,864  | 10,719,468              | 6,056,056  |
| Stearin, animal, inedible .....                 | 5,245,951   | 8,710,959               | 2,945,708  |
| Oleo oil .....                                  | 30,591,545  | 12,739,721              | 12,013,102   |
| Lard oil .....                                  | 7,620,541   | 4,396,924               | 4,047,368  |
| Tallow oil .....                                | 2,496,020   | 2,000,041               | 2,118,567  |
| Fatty acids .....                               | 40,840,508  | 43,690,725              | 6,876,664  |
| Fatty acids, distilled .....                    | 10,773,322  | 7,621,014               | 2,357,558  |
| Red oil .....                                   | 16,241,271  | 7,122,927               | 8,536,321  |
| Stearic acid .....                              | 11,657,595  | 2,568,407               | 4,371,146  |
| Glycerin, crude 80% basis .....                 | 36,603,729  | 39,664,503              | 18,393,056   |
| Glycerin, dynamite .....                        | 14,177,795  | 5,812,725               | 12,567,955   |
| Glycerin, chemically pure .....                 | 17,720,507  | 2,485,894               | 10,022,450   |
| Cottonseed foots, 50% basic .....               | 83,780,438  | 79,046,285              | 34,178,416   |
| Cottonseed foots, distilled .....               | 35,411,050  | 33,929,932              | 7,365,744  |
| Other vegetable oil foots .....                 | 18,663,525  | 15,460,030              | 2,676,145  |
| Other vegetable oil foots, distilled .....      | 571,942   | 549,547                 | 378,255  |
| Acidulated soap stock .....                     | 20,527,814  | 17,155,951              | 16,057,243   |
| Miscellaneous soap stock .....                  | 26,142  | 91,881                  | 269,329  |

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

| KIND                       | Tons of 2000 pounds              |                    | KIND                          | Tons of 2000 pounds              |                    |
|----------------------------|----------------------------------|--------------------|-------------------------------|----------------------------------|--------------------|
|                            | Consumed<br>Jan. 1 to<br>Mar. 31 | On hand<br>Mar. 31 |                               | Consumed<br>Jan. 1 to<br>Mar. 31 | On hand<br>Mar. 31 |
| Cottonseed .....           | 1,626,941                        | 386,986            | Flaxseed .....                | 300,249                          | 127,230            |
| Peanuts, hulled .....      | 5,775                            | 781                | Castor beans .....            | 27,118                           | 4,635              |
| Peanuts, in the hull ..... | 1,135                            | 170                | Mustard seed .....            | 251                              | 1,396              |
| Copra .....                | 71,097                           | 24,671             | Soya-beans .....              | 10,595                           | 346                |
| Coconuts and skins .....   | 547                              | 46                 | Olives .....                  | 1,904                            | 12                 |
| Corn germs .....           | 60,266                           | 243                | Other kinds .....             | 2,714                            | 3,736              |
| <b>KIND</b>                |                                  |                    | <b>KIND</b>                   |                                  |                    |
| Castor beans .....         | Tons 25,165                      |                    | Poppy seed .....              | Tons 1,027                       |                    |
| Copra .....                | 78,483                           |                    | Perilla and sesame seed ..... | 3,301                            |                    |
| Flaxseed .....             | 189,764                          |                    | Other oil seeds .....         | 5,168                            |                    |

**IMPORTS OF FOREIGN FATS AND OILS, QUARTER ENDED MARCH 31, 1929**

| KIND                                  | Pounds      | KIND                       | Pounds     |
|---------------------------------------|-------------|----------------------------|------------|
| Animal oils & fats, edible .....      | 569,998     | Palm-kernel oil .....      | 12,148,722 |
| Whale oil .....                       | 412,163     | Sesame oil .....           | 4,117,390  |
| Cod oil .....                         | 2,921,130   | Vegetable tallow .....     | 1,528,940  |
| Cod-liver oil .....                   | 5,247,338   | Vegetable wax .....        | 1,378,245  |
| Other fish oils .....                 | 6,830,085   | Carnauba wax .....         | 1,854,750  |
| Tallow .....                          | 9,463,871   | Peanut oil .....           | 475,813    |
| Wool grease .....                     | 2,763,801   | Rape (colza) oil .....     | 3,634,478  |
| Grease and oils, n.e.s. (value) ..... | 253,778     | Linseed oil .....          | 215,722    |
| Olive oil, edible .....               | 20,191,529  | Soya-bean oil .....        | 5,235,639  |
| Tung oils .....                       | 26,185,504  | Perilla oil .....          | 1,588,419  |
| Coconut oil .....                     | 101,270,097 | Other expressed oils ..... | 5,811,190  |
| Sulphur oil or olive foots .....      | 9,921,967   | Glycerin, crude .....      | 5,181,724  |
| Other olive oil, inedible .....       | 3,119,735   | Glycerin, refined .....    | 1,959,862  |
| Palm oil .....                        | 57,586,025  |                            |            |

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