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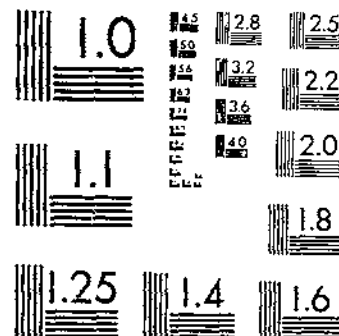
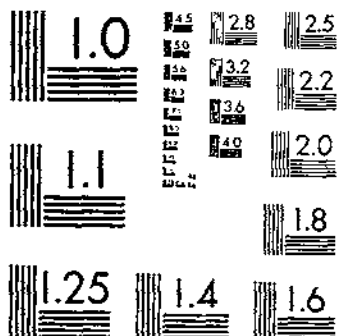
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STATISTICS OF FATS, OILS, AND OLEAGINOUS RAW MATERIALS

SULLIVAN, A. M. STYLES, E. M.

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MICROCOPY RESOLUTION TEST CHART  
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UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL BULLETIN NO. 24

Washington, D. C.



September, 1928

V.F.

STATISTICS  
OF FATS, OILS, AND OLEAGINOUS  
RAW MATERIALS

*Prepared by the Bureau of Agricultural Economics*



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON  
1928



# UNITED STATES DEPARTMENT OF AGRICULTURE

## STATISTICAL BULLETIN NO. 24

Washington, D. C.

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### STATISTICS OF FATS, OILS, AND OLEAGINOUS RAW MATERIALS

*Prepared by the Bureau of Agricultural Economics<sup>1</sup>*

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#### INTRODUCTION

In value of annual production, exports, and imports, the oils and fats industry ranks high among American industries, and no other country can compare with the United States in quantity of output. War-time experience showed fat and oil materials to be of vital importance, both for munitions of war, such as nitroglycerine and other high explosives, and for food. The keenness of international competition is expressed in import duties, preferential export taxes, drawbacks, embargoes, shipping preferences, and various other measures, and the problems of public policy become of increasing urgency. Many countries have special advantages in securing raw materials from their colonies.

The major portion of our domestic production is used for food purposes, but industrial uses are extensive, and the discovery of new uses to which oils and their derivatives may be put is constantly widening the field and is also increasing the opportunities for substitution. Changes in technic are altering the composition of many products in common use.

Basic data on production, consumption, trade, and prices give a measure of relative position in the industry, suggest potential sources of competition, and are necessary prerequisites for studying the problems of price and supply.

<sup>1</sup> Much of the statistical data on fats, oils, and oleaginous raw materials was collected by the National Cooperative Milk Producers Federation in cooperation with the American Dairy Federation, National Dairy Union, and Southern Tariff Association, during 1925, under the direction of Charles W. Holman, assisted by E. F. Elliott and D. A. Brodie of the National Cooperative Milk Producers Federation. Through the courtesy of these organizations and their representatives the Bureau of Agricultural Economics took over this material and has added supplementary data and brought the entire compilation up to 1927. The major portion of the revising and checking has been done by Anna M. Sullivan and Elizabeth M. Styles.

## CLASSIFICATION

Fats and oils may be classified according to their nature and use into three general groups.

1. The nondrying and semidrying, or edible and soap oils. These oils are used principally in edible products and in the manufacture of soap. If these oils are neutral and free from objectionable taste, odor, and color and in other respects conform to Federal and State laws, they are suitable for use in food. If not of good edible quality, they may be either refined to make them edible, or used for various technical purposes, of which soap making is the most important. Oils and fats in this group are olive, cottonseed, coconut, soy-bean, peanut, corn, palm, and palm-kernel oils, butter, lard, and beef tallow, and many others of less importance. Soy-bean oil may be used in paints, as well as in food and soap, and is the principal link between the paint-oil group and the edible and soap-oil group.

2. The drying, or paint oils. These oils are used principally in the manufacture of paints, varnishes, linoleum, patent leather, oil-cloth, and various waterproof coatings. The most important member of this group is linseed oil. Others of less importance are China wood or tung oil, Perilla oil, and soy-bean oil.

3. Specialties. This group includes oils which have markedly individual properties and uses so that they compete very little with the other groups or with each other. The most important of this group is castor oil, which has special uses in medicine, in lubrication, and in dyeing. Others are croton, cod-liver, rape, and chaulmoogra oils.

The oils and fats, whether of animal or vegetable origin, all have a similar but not identical chemical composition.<sup>2</sup>

## DOMESTIC PRODUCTION

Domestic production of animal fats and vegetable oils is predominately in the nondrying and semidrying group. Lard, butterfat, tallow, and oleo oil, as well as cottonseed oil, which is the most important domestic vegetable oil in volume of production, are all in this group. Five crops—cotton, flax, corn, peanuts, and soy beans—are the most important sources of vegetable-oil production in the United States. Of these, only flax is grown primarily for oil production.

The bulk of domestic production is used for food. The soap industry is the largest consumer of inedible oils and fats; other important industrial outlets are paints and varnishes, linoleum, candles, lubricants, leather, and artificial leather, etc.

## SUBSTITUTION

The animal and vegetable oils and fats have individual properties and are not equally suitable for all purposes. Thus linseed oil is the best of the commonly available oils for making paint; lard, butter, and olive oil are preferred for edible purposes; and castor oil has therapeutic effects markedly different from these other oils and fats. But many of the oils and fats so closely resemble each other in chemical composition and properties that other oils may be substituted for the preferred oil if for any reason the preferred oil is not available in

<sup>2</sup> UNITED STATES TARIFF COMMISSION. CERTAIN VEGETABLE OILS. PART 2.—ECONOMIC STUDY OF THE TRADE IN AND THE PRICES AND INTERCHANGEABILITY OF OILS AND FATS. p. 156. Washington, D. C. 1926.

adequate amounts or if substitutes for the preferred oil can be obtained at a sufficient saving in cost to compensate for differences in quality. The difference in quality may be so slight that a variation in market prices as small as one-eighth cent per pound may cause the substitution of one oil for another. This substitution permits economic competition between the various oils and fats and tends to maintain price relationship between them.<sup>3</sup>

The World War caused an enormous demand for vegetable oils, and large imports were made both by the United Kingdom and by the United States of oils which competed with, or might be substituted for, cottonseed oil. This tendency has continued since the war. Chief among these competing oils are those made from copra, soy beans, palm kernels, and peanuts.

Improvements in refining and in hydrogenation are tending to make practicable the use of cheaper materials—for instance, soy-bean oil, whale oil, and fish oils, in the manufacture of such products as margarine.

The lard substitute and oleomargarine industries, in the United Kingdom particularly, are accepting increasing quantities of these competing oils.

Interchangeability does not necessarily mean complete substitution of one oil for another. Although this may occur, interchangeability often involves changes in the relative proportions of the constituent oils and fats, and substitution of other materials for a portion of one or more of the constituents, as dictated by prevailing prices.

#### PRICES

Significant relationships exist between prices of commodities and their substitutes, and between competitive fats and oils. It may happen that a very narrow margin may determine the relative demand for certain interchangeable fats and oils. A series of prices provides a basis for studying the interrelation of prices, production, consumption and substitution.

From 1915 to 1919 the prices of fats and oils, together with other commodity prices, rose rapidly. A precipitous decline occurred in 1920, continuing until about the middle of 1921. The gradual upward movement of the general price level begun in 1921 was shared by fats and oils in varying degrees.

Cottonseed oil and lard are the two commodities that dominate the domestic trade in edible oils and fats. The nearest substitute for lard is lard compound, about 85 per cent of which is hydrogenated cottonseed oil.<sup>4</sup> The relative trends in prices of lard, lard compounds, and cottonseed oil are indicated in Figure 1, which shows that in the last months of 1924 and throughout 1925 the relatively low prices of cottonseed oil substantially widened the margin between lard compound prices and lard prices. However, at times, and depending partly on the changes in production of lard and cottonseed oil lard compounds sell at higher prices than pure lard. Figure 2 shows a period of three years when pure lard was alternately higher and lower in price than lard compound.

<sup>3</sup> UNITED STATES TARIFF COMMISSION. *Op. cit.*

<sup>4</sup> UNITED STATES TARIFF COMMISSION. *Op. cit.* p. 127.



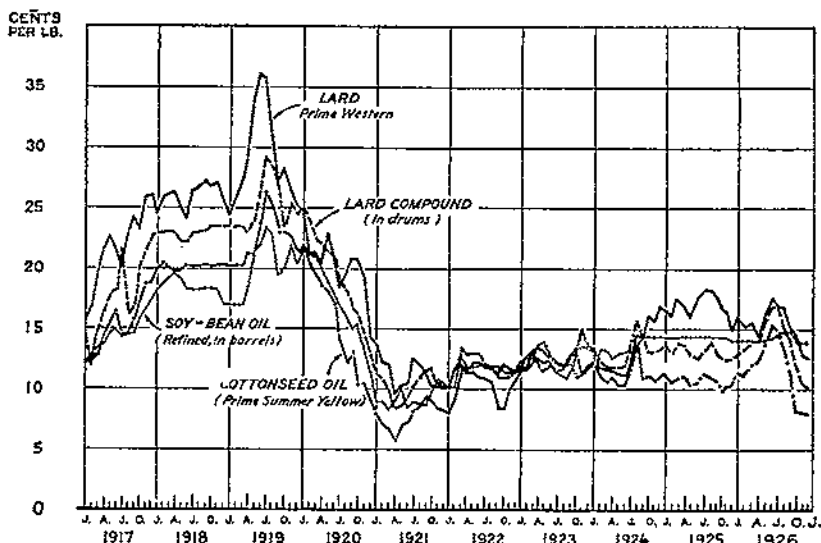


FIG. 1.—MONTHLY PRICES OF LARD, LARD COMPOUNDS, REFINED COTTONSEED, AND SOY-BEAN OILS

The relationship of lard-compound prices to lard prices is closely connected with prices of cottonseed oil and to a less extent with prices of soy-bean oil.

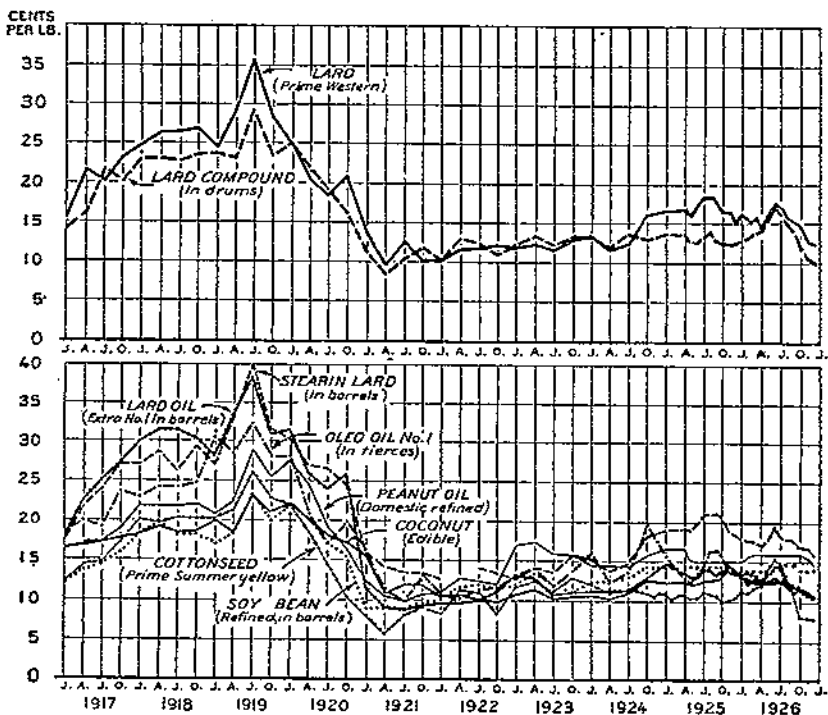


FIG. 2.—MONTHLY PRICES OF LARD, LARD COMPOUND (ABOVE), AND SOME OF THE INGREDIENTS OF LARD COMPOUNDS (BELOW) AT NEW YORK, 1917-1926

Although the general trend of prices of various oils that may be used in lard compound is similar, the relative position has changed materially.

In oleomargarine, coconut oil is competitive with edible beef fats, such as oleo oil, oleo stearin, and edible tallow. Figure 3 shows that the difference between the prices of oleo oil and coconut oil has increased since 1921 when their average prices were approximately the same. In the form of oleomargarine, coconut oil is to some extent competitive with butter. Oleomargarine prices do not fluctuate with the seasonal fluctuations in butter.

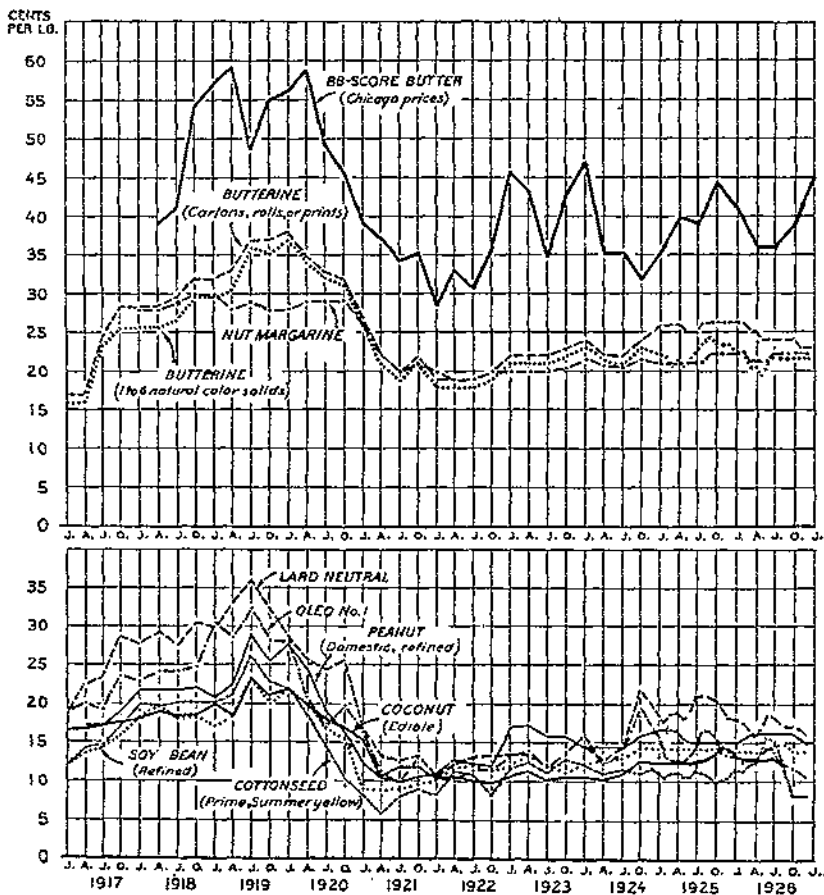


FIG. 3.—88-SCORE BUTTER, OLEOMARGARINE, AND SOME OF THE INGREDIENTS OF OLEOMARGARINE, MONTHLY PRICES, 1917-1926

Butter-substitute prices are not subject to the seasonal fluctuation characterizing butter prices, but the long-time relationship is fairly constant. Higher prices of the ingredients are reflected in butter-substitute prices.

The relative position of oil prices has changed materially since the war. For example, soy-bean oil, used in both paint and soap, was one of the cheapest of the semidrying group. In May, 1921, it became dutiable, and since that time its price has been proportionally higher. The drying properties of soy-bean oil make it a partial substitute for linseed oil, and hence the prices of the two move sympathetically.

Figure 4 shows the change in position of soy-bean oil prices compared with other paint and varnish oils, while Figure 5 shows an even more striking comparison with the soap group, and Figure 1 gives the same comparison with lard and lard compounds.

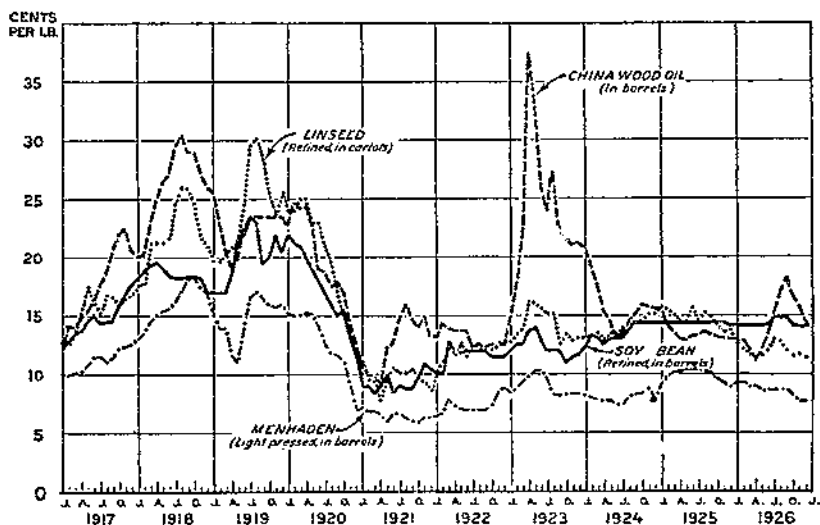


FIG. 4.—MONTHLY PRICES AT NEW YORK OF SOME REFINED OILS USED IN THE MANUFACTURE OF PAINT, VARNISHES, ETC.

The price fluctuation in the oils used in paints and varnishes shows clearly that substitution may be practiced in part, but that anything like complete interchangeability does not exist.

The relative position of peanut oil as shown in Figure 2 is of interest. From October, 1922, to January, 1924, peanut-oil prices rose above the level of other oils used in lard compounds, while since 1924 only

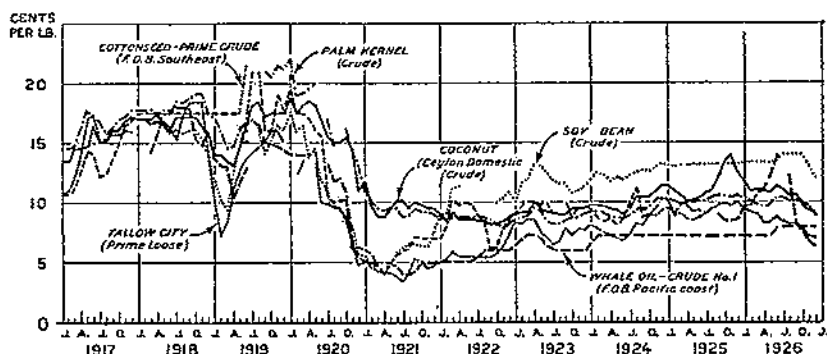


FIG. 5.—MONTHLY PRICES AT NEW YORK OF SOME OF THE PRINCIPAL CRUDE OILS USED IN THE MANUFACTURE OF SOAP

A more consistent relationship exists in this group of oils than in those shown in Figure 1. The change in the relative position of soy-bean oil after 1921 is of some significance.

stearin lard has been on a consistently higher level. In both the edible and inedible groups (figs. 1, 2, and 3, showing edible groups and figs. 4 and 5, showing inedible groups) the charts make it apparent that a sympathetic relationship exists in the groups permitting

substitution, which is of real significance to both producers and manufacturers. This relationship, however, is not so close as to suggest unlimited substitution or interchangeability. The charts tend to emphasize the conclusions regarding interchangeability based on analysis of changes in the consumption of fats and oils.

#### SOURCES OF DATA

As a preliminary step, and to facilitate their use by research workers and others interested in the subject, statistics are presented in this bulletin which embody information relating to over 20 oleaginous raw materials and to about 40 different kinds of vegetable and animal oils, fats, and greases. In general the statistics for the years 1914-1918 have been omitted, and those for 1913 and 1919-1926 have been shown. Serious gaps are found in many of the series, but it is hoped that the compilations may be completed in later publications.

The data on trade have been compiled from official sources and from the International Institute of Agriculture.

The price section shows monthly data from 1917 through 1926 for 24 fats and oils. British prices for cottonseed oil, linseed oil, palm-kernel oil, palm oil, and soy-bean oil are shown in order to compare trends in England and in the United States. Most of the price statistics were taken from the Oil, Paint, and Drug Reporter and the National Provisioner.

The statistics of production, particularly those of oilseeds and oleaginous raw materials, are probably less reliable than are the other data. They have been taken from official sources, but they are only "best estimates," and in many cases the information upon which the estimates have been made is decidedly meagre. This is especially true of the data relating to the tropical-oil materials. As most of these materials are obtained from plants which grow wild, it is very difficult to get accurate estimates of the total production. In certain cases, export figures are a much more reliable index of production. Statistics on the production of soy beans in China, for example, are so deficient that exports have been included here as an index of what the trend in production has been.

Instead of consumption the term disappearance has been used as a more accurate label. The disappearance tables were constructed by taking the difference between (1) stocks at the beginning of the year, plus net imports, plus domestic production, and (2) stocks at end of year, plus domestic exports.

#### VEGETABLE RAW MATERIALS, FATS, AND OILS:

##### ALMONDS AND ALMOND OIL

Most of the almond oil is obtained from bitter almonds, although some is expressed from sweet almonds. It is used chiefly in manufacture of pharmaceutical preparations. The most important almond-producing countries are Spain, Italy, and France.

##### CASTOR BEANS AND CASTOR OIL

Castor oil is obtained from the seeds of the castor-oil plant (*Ricinus communis*), found in most tropical and subtropical regions, where it grows wild and is also cultivated. The chief source is British India.

<sup>1</sup> Notes based in large measure on the following: JAMESON, G. S. PRODUCTION AND UTILIZATION OF FATS, FATTY OILS, AND WAXES IN THE UNITED STATES. U. S. Dept. Agr. Bul. 1475, 38 p. 1927. Specific reference citations are omitted.

No. 1 is used for medicinal purposes, and No. 3 for technical purposes, that is, dyeing fabrics in the finishing of cotton, linen, silk, and leather. It is important as a lubricant and enters into the manufacture of some soaps and some imitation leather.

## CHINESE TUNG OIL

Chinese tung oil (also known as Chinese nut oil or China wood oil) is obtained from the seeds of the Chinese tung trees (*Aleurites fordii* and *a. montana*). China furnishes practically all of the raw material. It is used chiefly in making varnishes, enamels, and floor and wall paints.

## COLZA OIL

See Rapeseed.

## COCONUT OIL

Coconut oil is prepared from the fruit of the coconut palm after it has been dried to form copra. Coconut oil is the most important, in respect to quantity, of the vegetable oils that enter into international trade. The principal sources of the world's supply of coconut oil are the Philippine Islands, the Dutch East Indies, Straits Settlements, British India, and Ceylon. The Philippine Islands at present supply more coconut oil and more copra than any other country. The rapid growth of their exports of these products, made possible by duty-free entry into the United States, is a notable feature of the international oil trade in the last decade. The chief domestic uses of coconut oil are in the manufacture of soap and oleomargarine. It is also employed to some extent in confectionery, baking, and toilet preparations. In oleomargarine, coconut oil is competitive with edible fats—oleo oil, oleo stearin, and edible tallow. It has never been used extensively in lard compounds because it tends to foam when used for frying.

## CORN OIL

Corn oil is obtained from the small germ portion of corn, and is a by-product of the manufacture of cornstarch, degerminated corn meal, and hominy. It is manufactured to some extent in the United States, Canada, Argentina, and South Africa. It is used for edible purposes and is used in some soaps, and with linseed oil in paste paints to prevent hardening.

## COTTONSEED AND COTTONSEED OIL

The growth of the cottonseed-oil industry in the United States presents an example of the successful utilization of a by-product which was once considered useless. Before 1860 practically none of the cottonseed was crushed for oil.<sup>6</sup> In 1927 about 79 per cent of the crop was so utilized, and it is now the most important domestic vegetable oil in volume of production. The important cottonseed-producing nations, other than the United States, are India, Egypt, China, Brazil, Peru, Argentina, and Australia. The decline in exports of cottonseed oil from the United States has been a noticeable characteristic of international trade in vegetable oils and oilseeds since

<sup>6</sup>UNITED STATES TARIFF COMMISSION. Op. cit. p. 96.

1913. Cottonseed oil is used almost exclusively as a food product, and a large percentage of the cottonseed oil consumed in the United States goes into lard substitutes, which are directly competitive with lard.

#### HEMPSEED AND HEMPSEED OIL

Hempseed oil is obtained from a plant (*Cannabis sativa*) which is cultivated for fiber and oil, and as a drug. The plant is grown for fiber in India, Manchuria, and Europe and, on a comparatively small scale, in the United States. It is grown for the production of oil in China, Japan, Manchuria, and at times in Italy, France, and Russia. Considerable quantities of hempseed are imported into this country from the Orient for use as birdseed and poultry feed. Hempseed oil is employed chiefly as a paint oil, but in some countries it is used as a lamp oil or converted into a dark green soft soap.

#### FLAXSEED AND LINSEED OIL

Linseed oil is extracted from flaxseed (also called linseed). The chief sources are the United States, Argentina, Canada, and India. Hot-pressed oil is employed for technical purposes, chiefly in the manufacture of paints, varnishes, enamels, linoleums, printing ink, and soft soap. Stand linseed oil is used in the manufacture of air-drying and baking enamels, and as a lithographic oil for copperplate printing. In Russia, Hungary, Germany, and India cold-pressed linseed oil is used for edible purposes. The international trade in linseed oil is chiefly in the form of seed. Flax in this country is grown almost exclusively for the production of linseed oil and not for fiber. Approximately 70 per cent of the linseed oil consumed in the United States goes into the manufacture of paints and varnishes, from 20 to 25 per cent into the manufacture of linoleum and oil cloth, and from 5 to 10 per cent is used for other purposes. A small quantity of linseed foots, the residue from refined oil, is used in this country in the manufacture of soft soap. Generally there is sufficient demand for linseed oil for the manufacture of paints, varnishes, and linoleum to absorb available world production without permitting appreciable quantities to be used in the industries which do not require drying oils. Furthermore, the price of linseed oil is ordinarily too high for use in the manufacture of soap.<sup>7</sup>

#### MUSTARD SEED AND MUSTARD-SEED OIL

Mustard-seed oil is generally used for soap and for technical purposes, but in India it is also used for edible purposes.

#### MOWRAH SEED AND MOWRAH-SEED OIL

Mowrah-seed oil is an edible oil obtained from the seeds of the Mahwa tree.

#### OLIVE OIL

Olive oil is obtained from the fleshy portion of the fruit of the olive tree. Italy and Spain furnish most of the olive oil, but France, Greece, North Africa, and Turkey are also producing countries. Olive oil is used largely for edible and medicinal purposes, and to some extent for soap.

<sup>7</sup> E. G. E. WORLD PRODUCTION AND TRADE IN LINSEED OIL. Commerce Mo, 5 (2): 24-30. 1923.

## OLIVE-OIL FOOTS

Olive-oil foots is the name given to the low-grade olive oil extracted by solvents from the olive pomace or press cake. This oil is also sometimes called sulphur olive oil because it is largely extracted by carbon disulphide. It is used for soap making.

## PALM KERNELS AND PALM-KERNEL OIL

Palm-kernel oil, similar both chemically and physically to coconut oil, is obtained from the palm nut, the hard seed of the fruit of a palm (*Elaeis guineensis* and subspecies) which grows wild in western Africa and is cultivated in other tropical regions. It can be used instead of coconut oil in making vegetable margarine and other food products, as well as in soap. The United Kingdom is the principal source of supply. Palm-kernel oil should not be confused with palm oil. Palm oil is not as suitable as palm-kernel for edible purposes.

## PALM OIL

Palm oil is obtained chiefly from the fleshy portion of the fruit of the palm (*Elaeis guineensis* and subspecies), the oil content depending upon the species of the tree and the place where it grows. The sources are western Africa, Portuguese Guinea, and Belgian Congo. It is used principally in soap making and the tin-plate industries. In normal times palm oil has no successful competitor in the tin-plate industry, although hydrogenated cottonseed oil was used in that industry during the war.

## PEANUTS AND PEANUT OIL

Peanut oil is an important food oil used as a salad and cooking oil and in the manufacture of margarine and some vegetable shortenings. The principal countries that export peanuts are the French and British possessions on the west coast of Africa, British India, and China. The last-named country also exports a relatively small quantity of oil. In the United States the annual crop is consumed almost entirely in the form of nuts; chiefly the inferior grades and refuse from shelling establishments are crushed for oil.

## PERILLA OIL

Perilla oil is obtained from the seeds of plants of several species, including *Perilla nankinensis* and *P. ocymoides* L, which grow in China, Japan, Manchuria, and eastern and northern India. As Perilla seeds have not been produced in commercial quantities in the United States, all the Perilla oil used here is imported from the Orient. The countries which produce Perilla oil use it as a food and for technical purposes, mainly in the manufacture of paints, varnishes, printers' inks, and linoleum. It has been employed for many years in waterproofing paper and in making the cheaper grades of lacquers. In America and Europe it is used only for technical purposes.

## POPPY SEED AND POPPY-SEED OIL

Poppy seed is grown in Europe, Asia Minor, Persia, India, and Egypt. The white poppy-seed oil is used chiefly for edible purposes, although some is employed in the preparation of artists' paints. The lower grades are used for soap making.

## RAPESEED AND RAPESEED OIL

Rapeseed oil is obtained from the seeds of several varieties of the rape plant that grows in India, Japan, and many European countries. The oil from some of these is also known as colza. Rumania and Russia are also producing countries. It is chiefly used as a lubricant. Some is used for soaps, and in India some is used for edible purposes. India is the largest rapeseed producer among the countries for which statistics are available. Average exports of rapeseed from India for 1910 to 1921 were four times as large as those of China, an important producer for which production figures are lacking.

## SESAME SEED AND SESAME OIL

Sesame oil, also known as gingili, teel, or benne, is made from the seeds of an herbaceous annual of the *Sesamum* genus. Sesame plants are now grown in most countries that have a tropical or subtropical climate, China and India being the largest producers. It is an important food oil and is also used for soap making.

## SHEA BUTTER

A solid yellowish fat obtained from the seeds of the shea tree, grown in Africa, is known as shea butter. In Africa it is used for edible purposes. In the United States it is used for soap making.

## SOY BEANS AND SOY-BEAN OIL

Soy-bean oil is obtained from the seeds of a plant indigenous to China, Manchuria, and Japan. China is by far the most important source of soy beans; exports from that country amount to a large percentage of the total for all countries reporting. The use of soy-bean oil in the Western Hemisphere is of comparatively recent origin, although in the Orient it dates back thousands of years. The first shipment of soy beans from China to England was in 1908, and soy beans are now cultivated in most of the temperate or subtropical regions of the world including the United States.<sup>6</sup> Soy-bean oil may be used in conjunction with linseed oil in the manufacture of paints, to the extent of about 25 per cent of the total oil content used, without injuring the quality of the product. Substitutes are used as a matter of economy only when their prices are relatively lower and a scarcity of linseed oil exists.<sup>7</sup> It is edible, and in some Asiatic countries forms a staple food oil for large classes of peoples. It has been used to some extent in lard compounds, but its tendency to revert to its former taste and color after refining has limited its consumption.<sup>8</sup>

<sup>7</sup> E. G. E. WORLD PRODUCTION AND TRADE IN LINSEED OIL. Commerce Mo. 5 (2): 24-30. 1923.

<sup>8</sup> UNITED STATES TARIFF COMMISSION, Op. cit., p. 99, 115, 160.



## SUNFLOWER SEED AND SUNFLOWER-SEED OIL

Russia and China are the chief producers of sunflower seed and sunflower-seed oil. In Russia it is used for edible purposes and in making soap and varnish.

## ANIMAL AND FISH FATS, OILS, AND GREASES

The high prices of all oils and fats during the war-time scarcity resulted in a greater utilization of minor resources. The annual production of fish and whale oils during 1921 to 1924 was more than twice the pre-war figure. Menhaden oil was the largest item in this subgroup. Taken together, the oils derived from marine animals make up about 1 per cent of our total annual production of oils and fats. The bulk of these oils fall into the inedible group, of which they supply 6 per cent.<sup>9</sup> The amount of animal fats imported into the United States is so small as to be negligible when a comparison is made with the total export. Europe is the chief buyer of American animal fats. England and Germany are the principal importing countries.

## MENHADEN OIL

Menhaden oil is obtained from menhaden caught off the Atlantic coast of the United States from about May until November. Menhaden oil is used for currying leather, for the preparation of chamois skins, for tempering steel, for making soap, and for manufacturing paints and varnishes, printing inks, and insecticide emulsions. Sulphonated menhaden and other fish oils are employed chiefly by the textile and leather industries.

## NEAT'S-FOOT OIL

Most of the neat's-foot oil is a by-product from the large beef-packing establishments. It is used for lubricating clocks and other delicate machinery. Neat's-foot oil is used extensively in the leather industry as "fat liquoring" in the production of the lightweight grades of leather.

## SPERM OIL

Sperm oil comes from spermaceti obtained from the sperm whale. It is used as lubricating oil for delicate machinery and as a compound in oils for illuminating purposes.

## WHALE OIL

Whale oil is obtained chiefly from the blubber of the whales of the genus *Balaena*, which includes the right or Greenland whale. Whale oil is used for illumination, for making leather dressing, and when hydrogenated, produces edible and soap fats. In Norway hydrogenated whale oil is used in the manufacture of oleomargarine. The by-product stearin is used in the manufacture of soap and as a lubricant.<sup>10</sup>

<sup>9</sup> UNITED STATES TARIFF COMMISSION. *Op. cit.* p. 96, 116, 160.

<sup>10</sup> UNITED STATES TARIFF COMMISSION. *DICTIONARY OF TARIFF INFORMATION.* p. 531. Washington, D. C. 1924.

## OIL CONTENT OF OIL-BEARING SEEDS

A report of the oil content of various oil-bearing seeds has been obtained from the Bureau of Plant Industry. According to this authority "the oil content of oil-bearing seeds varies more or less widely with the source and variety. The ranges given below are approximations based in most cases on a large number of determinations."

Name of seed	Percentage of oil	Authority
Babassu.....	67. 2	Bray, G. T., and Elliott, F. L. Some new oil-seeds derived from American palms. Analyst 41: 298-302. 1916.
Castor beans.....	42-58	Shrader, J. H. The castor-oil industry. U. S. Dept. Agr. Bul. 867; 2. 1920.
Coconut (fresh kernel).	30-40	Lewkowitsch, J. Chemical technology and analysis of oils, fats, and waxes. Ed. 6, v. 2, p. 636. London. 1922.
Copra.....	60-75	Shrader, J. H. Notes on coconut oil pressing. [U. S. Dept. Agr., Bur. Plant Indus. Office Circ., p. 1]. 1918. [Mimeographed.]
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Sunflower.....	20-25	Jamieson, G. S. Op. cit. p. 19.

In converting crude oil to refined oil it is assumed that there is a 7 per cent loss in the case of cottonseed oil, corn oil, and palm-kernel oil, and a 6 per cent loss in the case of coconut, soy-bean, and peanut oil.

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## STATISTICAL TABLES

TABLE 1.—Summary of imports and exports of oleaginous raw materials, by the principal western European countries, 1913, 1919-1926

Country	1913		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>
Belgium <sup>1</sup> .....	1,123,571	583,262	110,740	10,936	110,496	21,372
Denmark <sup>2</sup> .....	254,537	0,124	389,757	53	423,397	340
France <sup>3</sup> .....	2,257,820	51,936	1,202,560	7,000	1,455,618	23,107
Germany <sup>4</sup> .....	3,846,784	29,010	.....	.....	724,808	891
Italy <sup>5</sup> .....	204,420	8,670	102,061	12,831	217,508	7,337
The Netherlands <sup>6</sup> .....	1,520,092	715,014	630,607	8,076	615,641	69,450
United Kingdom <sup>7</sup> .....	3,401,445	167,280	3,749,510	29,638	3,018,315	107,608
Total.....	12,614,069	1,562,211	6,194,631	69,200	6,568,403	230,183

Country	1921		1922		1923	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>
Belgium <sup>1</sup> .....	665,728	337,570	257,594	17,628	282,604	14,890
Denmark <sup>2</sup> .....	349,121	12,793	320,373	.....	502,231	358
France <sup>3</sup> .....	1,348,507	21,480	1,780,989	20,471	2,067,388	23,938
Germany <sup>4</sup> .....	1,811,032	3,478	1,674,202	2,818	1,293,802	5,390
Italy <sup>5</sup> .....	249,422	7,183	363,948	11,092	440,615	6,533
The Netherlands <sup>6</sup> .....	984,245	49,202	1,136,152	31,378	1,119,789	39,880
United Kingdom <sup>7</sup> .....	2,902,623	140,202	2,871,783	92,380	3,522,736	98,408
Total.....	8,010,768	571,978	8,705,101	175,767	9,295,285	188,423

Country	1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>
Belgium <sup>1</sup> .....	381,319	18,457	208,700	18,307	418,507	24,425
Denmark <sup>2</sup> .....	651,222	480	470,176	.....	635,120	.....
France <sup>3</sup> .....	2,102,130	26,873	2,216,601	24,207	2,188,284	19,754
Germany <sup>4</sup> .....	1,623,488	13,500	3,375,497	14,337	3,720,860	13,394
Italy <sup>5</sup> .....	612,336	9,015	594,511	12,630	582,827	9,669
The Netherlands <sup>6</sup> .....	1,307,583	43,638	1,320,623	46,682	1,475,702	57,117
United Kingdom <sup>7</sup> .....	3,860,231	103,562	3,763,582	111,380	3,006,572	73,566
Total.....	10,544,314	215,583	12,048,643	227,550	12,118,022	197,925

<sup>1</sup> Data for 1922-1925 compiled from Union Economique Belgo-Luxembourgeoise, Tableau Annuel du Commerce avec les Pays Etrangers. 1926 from Bulletin Mensuel du Commerce Special, December, 1926.

<sup>2</sup> Data for 1923-1926 compiled from Vareomsaetningen Mid Udlandet-Handelstatistisko Meddelelser Danmarks Statistik 1 December, 1924-1926.

<sup>3</sup> Data for 1923-1926 compiled from Documents Statistique le Commerce de la France. 1926 from Statistique Mensuelle du Commerce Extérieur de la France, December, 1926.

<sup>4</sup> Data for 1923-1926 compiled from Montallische Nachweise über den auswärtigen Handel Deutschlands December, 1924-1926.

<sup>5</sup> Data for 1923-1926 compiled from Statistica del Commercio Special Di Importazione E Di Esportazione dal 1° Gennaio al 31 Dicembre, 1924-1926.

<sup>6</sup> Data for 1923-1926 compiled from Nederland Moondstatistiek December 1924-1926.

<sup>7</sup> Data for 1923-1925 compiled from the trade of the United Kingdom. 1926 data from accounts relating to trade and navigation of the United Kingdom, December, 1926.

Data for years prior to 1913, unless otherwise stated, compiled from Wrenn, J. E. World Trade in Vegetable Oils and Animal Fats, U. S. Dept. Com., Bureau of Foreign and Domestic Commerce, Misc. Ser. 123, 214 pp., illus., 1923.

TABLE 2.—*Net imports of oleaginous raw materials into selected western European countries and imports for consumption into the United States, 1913, 1919-1926*

Country	1913	1919	1920	1921	1922	1923	1924	1925	1926
	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>
Belgium.....	645,600	99,894	89,124	328,157	239,950	267,774	362,861	280,401	394,142
Denmark.....	248,414	389,704	423,547	336,328	320,373	501,935	650,742	479,170	635,120
France.....	2,205,984	1,185,494	1,432,510	1,327,116	1,760,517	2,048,450	2,075,258	2,192,397	2,168,530
Germany.....	3,819,807	(1)	724,007	1,597,555	1,871,445	1,288,433	1,609,928	3,361,130	3,707,467
Italy.....	195,742	89,230	210,261	242,229	352,850	441,061	693,321	581,882	573,158
Netherlands.....	895,078	631,020	546,183	934,984	1,104,774	1,079,890	1,263,952	1,273,941	1,418,675
United Kingdom.....	3,294,164	3,720,170	2,910,647	2,762,422	2,870,404	3,424,326	3,870,301	3,652,160	3,023,005
Total.....	11,111,858	6,125,431	6,336,279	7,438,700	8,529,325	9,106,830	10,430,453	11,821,093	11,920,607
United States <sup>1</sup> .....	413,505	1,230,800	1,907,740	1,081,280	1,277,000	1,939,116	1,488,050	1,685,595	1,949,485
Grand total.....	11,625,263	7,356,231	8,244,019	8,520,000	9,806,325	11,045,946	11,918,503	13,506,688	13,870,092

<sup>1</sup> No data reported.

<sup>2</sup> Imports for consumption. "Other oil materials" not included prior to 1923.

Compiled from trade reports of the countries represented and Foreign Commerce and Navigation of the United States (Bur. Foreign and Dom. Com.).

TABLE 3.—*Imports and exports of oleaginous raw materials by Belgium, 1913, 1919-1926*

Raw material	1913		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Colza and rapeseed.....	213,896	131,680	2,227	128	5,088	541
Copra.....	43,104	15,338	5,081	803	5,834	1,049
Linseed.....	571,222	334,870	56,479	2,114	46,312	6,190
Palm kernels.....	9,462	1,741	23,321	5,844	2,887	3,758
Other raw materials.....	201,247	99,627	23,632	1,987	50,375	9,234
Total.....	1,128,571	583,262	110,740	10,936	110,496	21,372

Raw material	1921		1922		1923	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Colza and rapeseed.....	85,164	65,497	13,720	1,687	23,616	1,014
Copra.....	28,551	5,779	20,317	689	17,654	19
Linseed.....	351,308	140,871	164,323	5,717	137,377	9,832
Palm kernels.....	34,757	72,553	273	3,590	2,045	769
Other raw materials.....	120,948	2,870	58,953	5,945	101,972	3,226
Total.....	665,728	337,570	257,594	17,023	282,664	14,890

Raw material	1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Colza and rapeseed.....	13,673	256	32,839	438	88,836	165
Copra.....	24,576	41	14,972	435	6,700	347
Linseed.....	206,670	13,785	20,510	239	21,415	28
Palm kernels.....	5,630	645	174,268	15,839	205,053	18,529
Other raw materials.....	131,352	3,730	46,998	362	10,513	2,725
Total.....	381,310	18,457	298,700	18,307	418,567	24,425

Data for years prior to 1922 compiled from Wrenn, J. B., *World Trade in Vegetable Oils and Animal Fats*, Bur. Foreign and Dom. Com., Misc. Ser. 123, 15 p., illus., 1923. Data for 1922-1921 compiled from Union Economique Belgo-Luxembourgeoise, *Tableau Annuel de Commerce avec les Pays Etrangers*, decembre 1925, 1926. Data for 1925-1926 compiled from *Bulletin Mensuel du Commerce Special avec les Pays Etrangers*.

TABLE 4.—Imports and exports of oleaginous raw materials by Denmark, 1913, 1919-1926

Raw material	1913		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Coconuts.....	78		42		185	
Coconut kernels.....	362	8	324		577	
Copra.....	74,259	5,004	108,850		59,024	
Flaxseed.....	44,047	452	39,693	12	133,372	289
Hempseed.....	1,650	55	38,563	38	5,301	10
Palm kernels.....	1,312		18,193		9,750	
Peanuts.....	8,081		18,008		10,811	
Rapeseed.....	4,736	7	1,632	2	474	41
Sesame seed.....	8,857		20,317		33,460	
Sunflower seed.....	4,603		7		83	
Soy beans.....	105,063		173,116		170,704	
Other seeds for pressing.....	400					
Total.....	254,537	6,124	399,757	52	423,897	349

Raw material	1921		1922—	1923—	1924—	1925—	1926—
	Imports	Exports	Imports	Imports	Imports	Imports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Coconuts.....	334		(?)		(?)	(?)	(?)
Coconut kernels.....	692		(?)		(?)	(?)	(?)
Copra.....	151,678	3,527	77,830	147,082	118,435	108,142	107,000
Flaxseed.....	61,909		33,689	35,437	48,418	32,124	51,051
Hempseed.....	1,111		2	540	1,244	530	714
Palm kernels.....	8,592		2,867	9,157	3,917	2,363	13,481
Peanuts.....	10,398		10,804	21,661	19,484	27,290	31,319
Rapeseed.....	9		1,345	451	1,495	1,218	1,315
Sesame seed.....	8,369		13,032	18,180	21,447	15,629	10,643
Sun flower seed.....	69		58	500	50,375	26,557	5,076
Soy beans.....	104,155	0,207	175,271	284,221	345,167	250,149	385,051
Other seeds for pressing.....	1,035		5,565	44,102	32,240	15,234	22,870
Total.....	340,121	12,794	320,373	562,291	651,222	479,176	635,120

<sup>1</sup> No exports reported for 1923-1928. Exports of "other seeds for pressing" 1923 were 356,000 pounds, 1924 were 480,000 pounds, 1925 were 128,308,000 pounds, and 1926 were 1,447,000 pounds.

<sup>2</sup> Not separately stated.

<sup>3</sup> Includes other materials for pressing.

Data prior to 1923 compiled from Wrenn, J. E., the World Trade in Vegetable Oils and Animals Fats, Bur. Foreign and Dom. Com. Misc. Ser. 123, 214 p., illus., 1923.

Data for 1923-1924 compiled from Danmarks Vareind forsel Og-Udforsel 1923 and 1924.

Data for 1925, 1926, compiled from Danmarks Vareomsaetningen Mid Udlandet 1 December, 1925, 1926.

TABLE 5.—Imports and exports of oleaginous raw materials by France, 1918, 1919-1926

Raw material	1918		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds ( <sup>1</sup> )	1,000 pounds
Beechnuts.....	6			5		3
Black-poppy seed.....	19,727	231	21,703		10,122	32
Camelino seed.....	888	248		19		1
Colza seed of Europe.....	4		60	17	1,420	575
Copra.....	248,326	688	113,468	247	108,237	208
Cottonseed.....	38,654	21	13,318	116	2,631	1,614
Hempseed.....	30,032	1,567	4,583	78	3,648	248
Linseed.....	523,386	2,284	224,683	1,258	71,020	3,780
Mustard seed and poppy seed from India.....	116,450	318	67,425	140	38,578	3,063
Niger seed.....	4,121	8		1	24	4
Palm kernels.....	6,583	28	117,043	2,508	103,245	11
Peanuts, unshelled.....	563,745	37,477	318,621	1,133	478,560	4,085
Peanuts, shelled.....	524,153	4,834	181,023	670	389,062	1,110
Rapeseed.....	1,807	2	2	1	1	7
Sesame seed.....	45,384	2,040	70,740	246	101,489	1,450
Soy beans.....	99	21		28	1	3
Touloucouna, Mowrah, and Illipe.....	263	1	3,254		14,521	
Wild rapeseed.....	134	5			1	( <sup>1</sup> )
White-poppy seed.....	34	16	76	( <sup>1</sup> )	23	
Other oilseeds and nuts.....	133,896	2,152	65,611	610	72,168	6,914
Total.....	2,257,920	51,936	1,202,560	7,660	1,455,618	23,108

Raw material	1921		1922		1923	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds ( <sup>1</sup> )	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Beechnuts.....			4		19	
Black-poppy seed.....	8,287	19	10,758	790	0,043	930
Camelino seed.....		( <sup>1</sup> )				1
Colza seed of Europe.....	2	2,169	7,227	681	1,205	2,314
Copra.....	155,538	97	250,195	40	208,255	195
Cottonseed.....	7,283	1,024	174	850	78	135
Hempseed.....	5,001	252	7,465	530	7,724	947
Linseed.....	223,545	691	297,204	2,604	345,351	1,830
Mustard seed and poppy seed from India.....	12,218	148	43,740	273	68,943	307
Niger seed.....	70	( <sup>1</sup> )	342	( <sup>1</sup> )	2,712	
Palm kernels.....	40,372	473	46,854	10	73,508	5
Peanuts, unshelled.....	515,082	9,445	528,308	8,883	533,215	12,838
Peanuts, shelled.....	312,188	1,620	470,340	2,333	584,893	1,506
Rapeseed.....	240	6	138	7	63	7
Sesame seed.....	15,971	1,838	24,888	1,873	18,257	1,280
Soy beans.....	3		23	10	380	
Touloucouna, Mowrah, and Illipe.....	1,757	1,345	4,000	17	23,710	
Wild rapeseed.....	7			1		
White-poppy seed.....	25		26	28		
Other oilseeds and nuts.....	51,037	2,433	79,904	1,232	89,043	1,574
Total.....	1,348,596	21,480	1,780,980	20,471	2,067,388	23,038

<sup>1</sup> Less than 500 pounds.

TABLE 5.—Imports and exports of oleaginous raw materials by France, 1918, 1919-1926—Continued

Raw material	1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Beechnuts.....	5				10	
Black-poppy seed.....	9,361	26	8,816	32	2,821	84
Camelline seed.....			1			1
Coiza seed of Europe.....	2,086	372	910	735	787	387
Copra.....	318,615	285	344,392	25	305,600	17
Cottonseed.....	163	32	15	24	15	
Hempseed.....	13,327	1,087	10,737	1,520	8,813	481
Linseed.....	363,592	1,661	330,768	1,124	399,898	1,104
Mustard seed and poppy seed from India.....	49,346	580	31,543	347	29,765	372
Niger seed.....	2,251		6,251	(1)	708	
Palm kernels.....	71,412	6	78,881	2	68,246	4
Peanuts, unshelled.....	646,517	13,733	735,340	11,184	717,572	11,221
Peanuts, shelled.....	475,959	2,085	512,364	3,279	532,333	2,297
Rapeseed.....	92		832		1,576	1
Sesame seed.....	27,191	1,550	28,972	1,086	21,247	1,389
Soy beans.....	79		18		15	40
Touloucouma, Mowrah, and Tilipe.....	5,693	6	12,070	2,523	7,180	
Wild rapeseed.....			3,894		4,614	
White-poppy seed.....						
Other oilseeds and nuts.....	117,358	3,947	115,834	2,340	87,079	2,357
Total.....	2,102,130	26,873	2,216,604	24,207	2,188,284	19,755

<sup>1</sup> Less than 500 pounds.

Data prior to 1923 compiled from Wronn, J. E., World Trade in Vegetable Oils and Animal Fats. Bureau of Foreign and Domestic Commerce Misc. Ser. 123, 214 p., illus., 1923. Data for 1923-1926 compiled from Documents Statistique le Commerce de la France, December, 1926.

TABLE 6.—Imports and exports of oleaginous raw materials by Germany, 1918, 1920-1926

Raw material	1918		1920		1921 <sup>1</sup>		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Copra.....	433,420	1,450	213,611		450,094		623,190	
Cottonseed.....	494,564		1,150		10,083		42,798	9
Hempseed.....	21,720	5,486	135	2	2,110		1,627	16
Linseed.....	1,235,519	9,320	116,974	735	364,750	2,564	227,418	104
Mustard seed.....	17,205	577	198	80	5,322	105	5,907	42
Palm kernels.....	520,112		60,938		159,990		279,724	
Peanuts.....	216,239		21,939		262,200		152,763	
Poppy seed.....	45,393		163		1,523		1,078	
Rapeseed.....	338,245	10,982	195,527	35	72,471	62	271,957	498
Sesame seed.....	255,810		55,099		77,595		34,562	
Sunflower seed.....			198		982		985	
Soy beans.....	(2)		45,131		139,660		100,493	
All other oilseeds and fruits.....	278,468	2,092	14,744	39	15,486	657	41,671	2,140
Total.....	3,848,784	20,916	724,608	891	1,511,032	3,478	1,874,263	2,818

<sup>1</sup> May, 1921, to April, 1922.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> Includes sunflower seed.

<sup>4</sup> Included with all other.



TABLE 6.—Imports and exports of oleaginous raw materials by Germany, 1913, 1920-1926—Continued

Raw material	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Copra.....	317,204		323,530	473	379,511	578	438,087	1,434
Cottonseed.....	48,695	( <sup>1</sup> )	109,029	( <sup>1</sup> )	102,942	1,405	59,685	87
Hempseed.....	589	5	2,021	22	1,582	173	2,660	172
Linseed.....	123,515	51	286,280	1,369	552,776	3,083	702,534	2,813
Mustard seed.....	2,239	337	7,907	419	13,287	1,639	18,062	1,735
Palm kernels.....	249,731	( <sup>1</sup> )	237,530	( <sup>1</sup> )	498,960		520,008	
Peanuts.....	83,145	( <sup>1</sup> )	105,172	( <sup>1</sup> )	713,245		977,777	
Poppy seed.....	743	( <sup>1</sup> )	4,279	( <sup>1</sup> )	9,834		12,480	
Rapeseed.....	147,566	3,459	111,245	10,201	103,739	3,912	34,140	5,163
Sesame seed.....	58,515	( <sup>1</sup> )	20,230	( <sup>1</sup> )	45,966	( <sup>1</sup> )	19,542	
Sunflower seed.....	2,152	( <sup>1</sup> )	43,349	( <sup>1</sup> )	190,060		56,076	
Soy beans.....	195,348	( <sup>1</sup> )	302,761	( <sup>1</sup> )	741,171		845,786	
All other oilseeds and fruits.....	64,360	1,538	20,071	1,076	18,471	2,917	53,218	1,990
Total.....	1,203,802	5,390	1,623,488	13,569	3,375,467	14,337	3,713,604	13,394

<sup>1</sup> Not separately classified.

Data prior to 1923 compiled from Wrenn, J. E., World Trade in Vegetable Oils and Animal Fats, Bureau of Foreign and Domestic Commerce, Misc. Ser. 123, 214 p. illus., 1923.

Data for 1923-1925 compiled from Monatliche Nachweise über den auswärtigen Handel Deutschlands December 1924, 1925, 1926.

TABLE 7.—Imports and exports of oleaginous raw materials by Italy, 1913, 1919-1926

Raw material	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bassia, stillingia, and palm seed.....	242		5,412		612		4,813			( <sup>1</sup> )
Castor beans.....	24,392	4	2,404		7,505		5,119		18,102	
Coconuts.....	198	1								
Coconuts and copra.....			29,495		23,168		11,501			
Copra.....							12,407		35,274	
Colza and rapeseed.....	22,349		9,191		32,153		19,281	( <sup>1</sup> )	51,829	( <sup>1</sup> )
Hempseed.....					897				51	498
Linseed.....	190,152	101	29,065	4	48,777		41,911	12	68,127	90
Mustard seed.....	78	5,709		7,603	192		5,274	140	5,150	53
Oilseeds not speci- fied.....	2,293	2,829	117	5,117	273	1,459	789	1,791	103	2,360
Peanuts.....			7,135		31,044		52,278	189	84,241	768
Sesame.....			19,243		73,744		100,216	3	105,156	186
Sesame and peanuts.....	54,616	35		107		597		122		
Total.....	204,420	8,679	102,062	12,831	217,598	7,337	249,422	7,103	303,018	11,092

<sup>1</sup> Less than 500 pounds.<sup>2</sup> January-June only.<sup>3</sup> July-December.

TABLE 7.—Imports and exports of oleaginous raw materials by Italy, 1913, 1919-1926—Continued

Raw material	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bassa, stillinga, and palm seed.....	2,575		14,173	1	9,565		899	1
Castor beans.....	15,590	2	22,205	7	22,394	1	20,454	11
Copra.....	28,971	6	34,455		56,743	18	51,769	7
Coza and rapeseed.....	126,319	1	289,239	4	213,283	14	123,882	2
Hempseed.....	660	70	2,300	102	1,514	63	527	46
Linseed.....	82,340	184	127,137	31	102,835	94	127,215	38
Mustard seed.....	139	3,233	151	5,560	647	8,141	222	6,297
Oilseeds not specified.....	265	1,078	15,815	3,221	1,092	4,238	20,452	2,082
Peanuts.....	58,423	36	57,856	48	97,271	43	194,522	283
Sesame.....	120,394	42	47,942	11	89,468	5	42,894	2
Total.....	440,614	5,553	612,336	9,015	504,512	12,630	582,827	9,609

Data for years prior to 1922 compiled from Wronn, J. E., World Trade in Vegetable Oils and Animal Fats, Bur. of Foreign and Dom. Com., Misc. Ser. 123, 214 p., illus., 1923.

Data for 1923-1925 compiled from Statistica del Commercio Speciale Di Importazione E Di Esportazione del 1° Gennaio al 31 Dicembre, 1924 and 1925.

TABLE 8.—Imports and exports of oleaginous raw materials by the Netherlands, 1913, 1919-1926

Raw material	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Copra.....	221,800	181,561	168,030	63	198,407	21,855	277,239	10,387	362,840	1,146
Cottonseed.....	(1)	(1)	133		(2)	87	2			20
Hempseed.....	7,337	1,805	195	42	1,322	318	3,078	1,655	6,237	1,531
Linseed.....	630,593	190,357	213,260	5,061	214,257	10,034	604,148	11,746	552,252	11,208
Mustard seed.....	7,247	8,350	145	2,094	751	2,773	506	4,882	500	1,342
Poppy seed.....	(1)	(1)	5	308	340	2,004	169	5,111	873	6,742
Palm kernels.....	140,457	126,903	53,075	1	29,154	25,497	3,516	3,038	8,332	1,021
Peanuts.....	148,652	52,248	48,915	247	52,946	1,165	64,478	3,928	98,301	2,678
Rapeseed.....	105,610	42,422	19,816	30	37,634	3,237	33,021	6,916	57,545	3,274
Sesame seed.....			59,939		48,555	136	8,137	709	10,682	161
Soy beans.....	60,746	31,795	72,162		8,270	258	4,827	671	11,413	11
Other seeds.....	197,531	89,534	5,366	540	6,534	2,100	5,267	700	7,277	2,114
Total.....	1,520,092	715,014	639,697	8,676	615,642	69,450	684,245	40,262	1,136,152	31,378

Raw material	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Copra.....	325,278	73	327,696	315	293,075	156	340,258	937
Cottonseed.....		2	7				118	
Hempseed.....	6,065	1,450	9,292	1,045	4,841	1,490	8,458	1,382
Linseed.....	433,590	8,684	642,848	9,228	572,398	13,018	723,927	12,917
Mustard seed.....	3,783	7,357	3,009	10,278	5,635	11,268	4,107	13,620
Poppy seed.....	1,989	6,669	260	6,369	205	7,273	511	10,231
Palm kernels.....	60,080	80	47,459	123	35,353	405	30,855	49
Peanuts.....	117,386	4,698	148,528	4,877	220,545	2,001	235,275	3,278
Rapeseed.....	75,560	6,546	44,077	5,959	62,404	5,615	37,053	7,533
Sesame seed.....	46,735	838	25,073	18	23,190	44	27,669	2
Soy beans.....	36,557	58	41,905	1,355	80,464	1,881	41,693	2,610
Other seeds.....	12,780	3,360	17,434	3,459	18,514	3,545	16,938	4,229
Total.....	1,114,789	30,890	1,307,588	43,636	1,320,624	46,682	1,475,702	57,117

1 Included with "Other seeds."  
2 Less than 500 pounds.

3 Includes flaxseed for planting.  
4 All other seeds, not necessarily oilseeds.

Data prior to 1923 compiled from Wronn, J. E., World Trade in Vegetable Oils and Animal Fats, Bur. Foreign and Domestic Com., Misc. Ser. 123, 214 p., illus., 1923. Data for 1923-1925 compiled from Nederland Maandstatistik December, 1924, 1925, and 1926.

TABLE 9.—Imports and reexports of oleaginous raw materials by the United Kingdom, 1913, 1919-1926

Raw material	1913		1919		1920		1921		1922	
	Imports	Reex-ports	Imports	Reex-ports	Imports	Reex-ports	Imports	Reex-ports	Imports	Reex-ports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor beans.....	108,288	28,733	31,837	1,344	22,534	10,275	28,048	240	41,028	273
Copra.....	31,817	37,327	152,289	7,941	95,046	33,459	82,351	40,143	142,934	40,844
Cottonseed.....	1,378,057	287	1,033,980		991,790	170	843,398		2,108,949	38
Flaxseed.....	1,453,829	12,049	1,230,714	7,809	869,113	3,069	1,037,533	14,744	789,157	14,003
Peanuts not shelled.....					178,723	3,100	132,825	6,050	117,978	1,944
Peanuts shelled.....			238,755	1,167	95,567	1,028	59,081	18,747	21,152	6,223
Palm kernels.....			981,914		938,837	2,981	498,738	37,099	402,547	12,043
Rapeseed.....	118,243	728	177,979	40	59,253	7,858	60,247	2,645	74,740	99
Sesame seed.....		4,966	6,466		114	12,363	298	7,005	1,208	464
Soy bean.....	169,454	1,799	137,001	4	16,251	17,299	135,181	2,428	131,165	1,794
Sunflower seed.....					1,700		3,170	109	4,422	477
All seeds, other sorts.....	49,609	7,040	24,013	1,823	38,875	5,282	19,045	2,694	100,018	3,185
Nuts and kernels, other sorts.....	94,147	18,417	34,568	3,044	10,596	10,564	3,859	8,293	1,745	735
Total.....	3,401,444	107,280	3,749,816	29,637	3,018,315	107,698	2,902,823	140,202	2,971,783	92,380

Raw material	1923		1924		1925		1926	
	Imports	Reex-ports	Imports	Reex-ports	Imports	Reex-ports	Imports	Reex-ports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor beans.....	34,068	69	57,369	969	69,978	123	60,863	2
Copra.....	155,643	38,320	158,570	34,301	174,830	55,140	130,859	35,735
Cottonseed.....	1,228,150		1,250,511	56	1,359,799	596	1,202,495	
Flaxseed.....	848,673	6,091	994,813	2,213	757,164	5,513	802,149	6,140
Peanuts not shelled.....	170,112	3,114	141,044	6,718	192,747	2,735	210,469	11,977
Peanuts shelled.....	30,290	4,875	59,782	17,723	114,838	18,187		
Palm kernels.....	561,216	24,639	644,277	21,065	525,361	19,842	482,207	13,568
Rapeseed.....	135,957	442	145,485	5,085	81,729	703	35,405	694
Sesame seed.....	5,549	8,537	7,786	0,632	2	2,748	31	2,580
Soy bean.....	252,529	730	249,790	2	360,600	34	101,074	1,868
Sunflower seed.....	1,785	92	74,543	45	101,018	456		
All seeds, other sorts.....	79,500	7,921	70,065	4,059	52,257	3,653	52,631	
Nuts and kernels, other sorts.....	22,275	1,655	11,800	1,794	8,339	1,864	11,480	802
Total.....	3,522,946	98,408	3,866,231	103,502	3,763,552	111,386	3,056,572	73,568

<sup>1</sup> Reexports in excess of imports.<sup>2</sup> The reexports include domestic exports.

Trade of the United Kingdom, 1913-1927; Accounts Relating to Trade and Navigation, December, 1926.

TABLE 10.—Summary of imports and exports of vegetable oils by the principal western European countries, 1913, 1919-1926

Country	1913		1919		1920	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Belgium <sup>1</sup> .....	93,462	92,824	106,629	38,529	66,062	69,948
Denmark <sup>2</sup> .....	34,458	83	35,044	20,910	39,582	63,273
France <sup>3</sup> .....	100,105	123,375	253,618	16,063	199,130	63,387
Germany <sup>4</sup> .....	139,296	168,331	.....	.....	338,367	1,282
Italy <sup>5</sup> .....	63,938	76,413	69,641	26,468	170,399	24,897
The Netherlands <sup>6</sup> .....	191,998	119,341	320,263	160,055	265,283	267,254
United Kingdom <sup>7</sup> .....	343,468	208,093	406,045	253,454	301,218	295,705
Total.....	986,625	773,640	1,284,640	514,479	1,361,040	735,806

Country	1921		1922		1923	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Belgium <sup>1</sup> .....	89,880	72,099	63,315	46,200	85,220	54,190
Denmark <sup>2</sup> .....	26,656	27,910	36,396	34,075	32,551	47,211
France <sup>3</sup> .....	141,823	137,612	135,632	86,690	129,434	107,003
Germany <sup>4</sup> .....	294,278	16,456	277,122	18,858	237,787	27,553
Italy <sup>5</sup> .....	157,648	32,696	95,520	41,194	40,714	190,291
The Netherlands <sup>6</sup> .....	270,103	392,403	127,547	409,606	367,669	357,965
United Kingdom <sup>7</sup> .....	325,780	242,686	313,401	239,913	292,298	266,907
Total.....	1,296,134	921,062	1,048,913	876,502	956,573	966,220

Country	1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Belgium <sup>1</sup> .....	77,895	52,350	80,010	50,107	78,896	43,776
Denmark <sup>2</sup> .....	40,575	70,244	66,590	54,189	48,120	49,280
France <sup>3</sup> .....	138,506	135,204	135,456	115,932	162,414	146,217
Germany <sup>4</sup> .....	231,694	32,262	310,315	73,719	216,600	117,658
Italy <sup>5</sup> .....	80,191	96,463	103,526	97,877	140,008	54,524
The Netherlands <sup>6</sup> .....	207,083	356,036	225,279	435,371	267,632	483,019
United Kingdom <sup>7</sup> .....	332,374	320,573	417,795	397,375	498,310	268,724
Total.....	1,108,318	1,063,132	1,365,580	1,140,579	1,412,078	1,163,198

<sup>1</sup> Data for 1922-1925 compiled from Union Economique Belgo-Luxembourgeoise, Tableau Annuel du Commerce avec les Pays Etrangers.

<sup>2</sup> Data for 1922-1926 compiled from Danmarks Vareindforsel Og-Udforsel.

<sup>3</sup> Data for 1923-1926 compiled from Documents Statistique le Commerce de la France.

<sup>4</sup> Data for 1923-1926 from Monatsliche Nachweise über den auswärtigen Handel Deutschlands December 1924 and 1925.

<sup>5</sup> Data for 1922-1926 compiled from Statistica del Commercio Speciale Di Importazione E Di Esportazione del 1° Gennaio al 31 Dicembre 1924 and 1925.

<sup>6</sup> Data for 1923-1926 compiled from Nederland Maanstatistiek December 1924 and December 1925.

<sup>7</sup> Data for 1923-1926 were taken from Accounts Relating to Trade and Navigation of the United Kingdom December, 1925.

Data for years prior to 1922 compiled from Wrenn, J. E., World Trade in Vegetable Oils and Animal Fats, Bureau of Foreign and Domestic Commerce, Misc. Ser. 123, 214 p., illus., 1923.

TABLE 11.—*Net imports of vegetable oils and raw materials in terms of oil into selected western European countries and the United States, 1913, 1919-1926*

Country and item	1913	1919	1920	1921	1922
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Belgium:					
Vegetable oils.....	627	67,009	- <sup>1</sup> 3,886	17,780	17,115
Raw material in terms of oil.....	140,473	30,042	18,871	100,855	81,772
Total.....	141,100	98,041	14,985	118,635	98,887
Denmark:					
Vegetable oils.....	31,305	18,133	- <sup>1</sup> 32,091	- <sup>1</sup> 1,253	2,321
Raw material in terms of oil.....	93,215	147,715	107,250	151,348	107,050
Total.....	124,520	165,848	134,559	150,095	109,371
France:					
Vegetable oils.....	- <sup>1</sup> 23,270	238,455	135,743	4,011	48,076
Raw material in terms of oil <sup>2</sup> .....	1,007,006	341,158	716,004	661,938	856,676
Total.....	983,820	682,011	851,747	665,949	904,752
Germany:					
Vegetable oils.....	- <sup>1</sup> 28,825		337,085	288,822	258,204
Raw material in terms of oil.....	301,635		329,036	681,644	839,275
Total.....	305,810		666,121	950,466	1,097,479
Italy:					
Vegetable oils.....	23,525	43,173	145,501	124,844	54,325
Raw material in terms of oil <sup>2</sup> .....	100,579	251,061	486,709	425,215	72,158
Total.....	124,104	294,234	632,210	550,059	126,483
The Netherlands:					
Vegetable oils.....	69,159	160,200	8,028	- <sup>1</sup> 122,240	- <sup>1</sup> 282,070
Raw material in terms of oil.....	289,659	278,893	261,048	420,688	524,630
Total.....	338,818	439,093	269,076	298,448	242,600
United Kingdom:					
Vegetable oils.....	137,478	212,101	151,453	83,100	73,483
Raw material in terms of oil.....	848,525	1,197,980	961,370	847,571	828,618
Total.....	1,000,001	1,410,100	1,055,823	930,671	902,101
Grand total:					
Vegetable oils.....	213,081	770,160	741,233	375,064	172,410
Raw material in terms of oil.....	3,174,212	2,260,483	2,883,288	3,289,259	3,901,987
Total.....	3,387,296	3,020,648	3,624,521	3,664,323	4,074,397
United States:					
Vegetable oils <sup>3</sup> .....	8,018	408,346	352,864	118,255	500,530
Raw material in terms of oil <sup>4</sup> .....	167,287	524,243	752,295	440,414	548,504
Total.....	175,305	932,589	1,105,159	558,669	1,049,034

<sup>1</sup> The negative sign (-) indicates exports are greater than imports and the figure is subtracted from the net imports of raw materials in terms of oil to get the total.

<sup>2</sup> The domestic production of olive oil in France and Italy is included.

<sup>3</sup> Net imports calculated by subtracting from gross imports the sum of domestic exports and reexports. Not including "other oils" prior to 1923, which were reported as value only.

<sup>4</sup> Imports for consumption of raw materials were used and when translated into terms of oil.

TABLE 11.—*Net imports of vegetable oils and raw materials in terms of oil into selected western European countries and the United States, 1923, 1924-1926—Con.*

Country and item	1923	1924	1925	1926 (preliminary)
<b>Belgium:</b>				
Vegetable oils	1,000 pounds 31,009	1,000 pounds 25,545	1,000 pounds 30,500	1,000 pounds 35,120
Raw material in terms of oil	67,513	93,713	158,991	122,000
Total	98,522	119,258	189,491	157,120
<b>Denmark:</b>				
Vegetable oils	- 14,660	- 129,669	22,122	- 1,160
Raw material in terms of oil	184,040	200,461	161,882	187,163
Total	169,380	70,792	183,904	185,993
<b>France:</b>				
Vegetable oils	22,432	3,302	19,623	10,197
Raw material in terms of oil <sup>2</sup>	1,038,342	1,013,670	1,078,416	1,072,435
Total	1,060,774	1,016,972	1,098,039	1,082,632
<b>Germany:</b>				
Vegetable oils	210,235	109,432	230,697	99,011
Raw material in terms of oil	617,228	622,755	262,840	386,400
Total	827,463	732,187	493,537	485,411
<b>Italy:</b>				
Vegetable oils	- 150,677	- 110,272	5,650	85,484
Raw material in terms of oil <sup>2</sup>	687,502	668,878	548,693	243,761
Total	536,825	558,606	554,343	329,245
<b>The Netherlands:</b>				
Vegetable oils	- 1230,306	- 1148,953	- 1200,092	- 1215,387
Raw material in terms of oil	469,761	593,688	550,021	521,615
Total	238,455	444,735	349,929	306,228
<b>United Kingdom:</b>				
Vegetable oils	26,201	11,847	111,102	193,885
Raw material in terms of oil	993,944	1,128,637	1,060,920	884,240
Total	1,020,145	1,140,484	1,172,022	1,078,125
<b>Grand total:</b>				
Vegetable oils	-4,066	45,232	225,411	212,880
Raw material in terms of oil	3,888,330	4,327,708	3,820,072	3,429,604
Total	3,884,264	4,372,940	4,045,483	3,642,394
<b>United States:</b>				
Vegetable oils <sup>2</sup>	357,761	492,807	601,095	650,704
Raw material in terms of oil <sup>4</sup>	817,591	631,473	701,073	-----
Total	1,175,352	1,124,280	1,302,168	650,704

<sup>1</sup> The negative sign (-) indicates exports are greater than imports and the figure is subtracted from the net imports of raw materials in terms of oil to get the total.

<sup>2</sup> The domestic production of olive oil in France and Italy is included.

<sup>3</sup> Net imports calculated by subtracting from gross imports the sum of domestic exports and reexports. Not including "other oils" prior to 1923, which were reported as value only.

<sup>4</sup> Imports for consumption of raw materials were used and then translated into terms of oil.

The data for years prior to 1923 compiled from Wrenn, J. E., *World Trade in Vegetable Oils and Animal Fats*. U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, Misc. Ser. No. 123, 214 p., illus., 1923. The data for 1923 and 1924 were taken from the Trade Reports of the countries represented. The factors used for converting the raw materials into terms of oil are as follows: The oil content of flaxseed, 36½ per cent; cottonseed, 17 per cent; soy beans, 17.1 per cent; peanuts, 44 per cent; sesame seed, 50 per cent; rapeseed (colza), 38 per cent; hempseed, 23 per cent; black mustard, 32 per cent; poppy seed, 47.5 per cent; sunflower, 47.5 per cent; copra, 67.5 per cent; palm seed, 62 per cent; palm-nut kernels, 37.5 per cent; and castor beans, 50 per cent. These are averages of the range of figures shown in the introduction. The raw materials listed as "other oilseed" are not included in these calculations, since it is impossible to determine what seeds are included in the group, consequently there is no figure available showing the oil content.

TABLE 12.—Imports and exports of vegetable oils by Belgium, 1913, 1919-1926

Oil	1913		1919		1920		1921		1922	
	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports
	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>
Castor.....	831	9,525	740	207	419	1,031	624	2,729	491	7,427
Coconut.....	8,452	2,413	38,534	6,649	22,527	14,276	33,158	10,523	24,718	6,002
Cottonseed.....	15,636	7,605	3,347	2,370	3,193	1,103	4,239	1,664	1,408	213
Linseed.....	19,100	15,848	20,371	10,067	4,132	10,117	11,205	25,623	1,420	10,860
Olive.....	4,448	911	5,810	2,448	1,273	263	1,373	180	2,396	207
Palm and palm kernel.....	16,614	7,350	7,731	2,617	7,533	5,287	15,788	114,614	6,566	427
Peanut oil.....	3,333	1,939	2,507	316	2,539	1,703	4,434	4,520	4,748	3,693
Vegetable oils not elsewhere specified.....	20,602	47,131	27,589	13,255	14,530	20,054	19,042	12,211	21,809	8,276
Total.....	93,452	92,824	100,520	36,529	56,062	50,048	80,850	72,009	63,315	40,200

Oil	1923		1924		1925		1926	
	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports	Im-ports	Ex-ports
	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>
Castor.....	310	9,451	334	9,511	789	10,810	287	11,257
Coconut.....	27,277	4,865	23,318	5,442	26,000	6,063	31,764	5,562
Cottonseed.....	2,387	8	2,065	—	2,689	(?)	1,083	7
Linseed.....	1,196	18,445	1,170	10,471	1,657	27,090	4,024	15,512
Olive.....	2,505	147	2,077	53	1,820	51	1,518	37
Palm and palm kernel.....	11,107	406	17,164	2,123	11,043	199	14,506	254
Peanut oil.....	3,642	4,978	3,538	4,945	9,137	5,030	6,770	4,878
Vegetable oils not elsewhere specified.....	36,706	15,830	28,133	10,805	32,522	6,864	17,945	6,269
Total.....	85,220	54,190	77,805	52,360	86,616	56,107	78,896	43,776

<sup>1</sup> Data for Jan. 1 to Nov. 9. Not separately classified after Nov. 9, 1924.

<sup>2</sup> Not separately classified.

<sup>3</sup> Includes 15,598,231 pounds of palm and palm-kernel oil for Jan. 1 to Nov. 9 and 1,565,968 pounds of palm oil imported Nov. 10 to Dec. 31. Palm-kernel oil not separately classified after Nov. 9, 1924.

<sup>4</sup> Includes 1,953,723 pounds of palm and palm-kernel oil for Jan. 1 to Nov. 9 and 169,280 pounds of palm oil exported Nov. 10 to Dec. 31. Palm-kernel oil not separately classified after Nov. 9, 1924.

<sup>5</sup> Palm oil only.

Data prior to 1922 compiled from Wrenn, J. E., *World Trade in Vegetable Oils and Animal Fats*, Bureau of Foreign and Domestic Commerce, Misc. Ser. No. 123, 214 p., illus., 1923.

Data for 1922-1926 compiled from *Union Economique Belgo-Luxembourgeoise, Tableau Annuel du Commerce avec les Pays Etrangers*.

TABLE 13.—Imports and exports of vegetable oils by Denmark, 1913, 1919-1926

Oil	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	185	196	196	0	229	11	115	207	4	4
Coconut.....	14,690	12	13,586	2,897	8,071	19,872	5,932	10,336	13,673	11,269
Corn.....	124	229	229	227	227	87	87	78	78	78
Cottonseed.....	8,012	9,586	1,208	0,621	505	13,366	251	8,302	103	103
Olive and salad.....	170	17	114	1	199	47	10	169	169	169
Olive other than salad.....	21	3	43	46	46	157	10	17	17	17
Palm.....	30	2	1,908	23	3,236	878	44	560	560	560
Peanut.....	4,472	1,090	432	948	381	1,379	662	3,047	705	705
Linseed and rapeseed.....	85	6,887	1,281	875	5,897	895	2,281	1,336	391	391
Sesame.....	3,567	108	267	383	251	941	146	2,200	118	118
Soy bean.....	(?)	5,610	12,614	11,733	32,525	717	13,157	5,565	10,273	10,273
Other oils.....	2,243	29	1,585	386	1,230	928	2,201	1,067	4,705	4,705
Total.....	34,458	63	30,044	20,010	30,582	63,273	20,656	27,910	36,396	34,075

Oil	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	252	220	220	263	263	263	263	263
Coconut.....	15,405	16,398	24,466	17,175	38,321	10,836	32,559	17,860
Corn.....	12	25	34	58	58	287	8,453	8,453
Cottonseed.....	3,813	1,856	3,466	1,180	4,721	108	6	6
Olive and salad.....	125	18	103	10	108	41	373	373
Olive other than salad.....	48	32	32	41	41	373	373	373
Palm.....	33	556	206	544	2,866	1,743	1,080	1,080
Peanut.....	1,517	1,309	829	2,019	1,889	112	2,005	2,005
Linseed and rapeseed.....	1,142	1,082	822	68	2,529	312	1,356	1,356
Sesame.....	1,480	170	1,170	699	3,619	28,327	2,288	31,890
Soy bean.....	7,488	25,179	5,972	33,207	9,703	12,193	(?)	(?)
Other oils.....	1,236	618	3,255	15,342	2,481	(?)	(?)	(?)
Total.....	32,551	47,211	40,575	70,244	60,599	54,189	48,120	49,280

<sup>1</sup> Included with "Other oils."

<sup>2</sup> Not available.

Data for years prior to 1922 compiled from Wrenn, J. E., World Trade in Vegetable Oils and Animal Fats. (Misc. ser. 124, 214 p., illus. of 1923. Bureau of Foreign and Domestic Commerce.) Data for 1922-1925 compiled from Danmarks Vareindførsel Og-Udførsel; 1922, 1923, 1924.

Data for 1926 compiled from Danmarks Statistik—Vareomsætningen med Udlandet Dec. 1, 1926.



TABLE 14.—Imports and exports of vegetable oils by France, 1913, 1919-1926

Oil	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Black-poppy seed		437		3		418		433		527
Castor and pulghere	460	7,177	2,710	1,068	1,589	4,920	981	4,777	1,184	4,702
Coconut, touloucouna, etc.	7,821	21,043	19,058	851	18,482	7,376	11,849	13,897	9,055	6,088
Colza	60	3,510	507	1,180	1,800	22	3,530	40	398	
Corn	112	98		557	(1)	66	1	37		
Cottonseed	10,534	2,036	9,720	82	20,020	580	9,715	851	4,059	270
Linseed	4,672	5,783	41,937	2,112	24,499	3,547	32,077	3,319	9,002	3,372
Mustard seed		9	3		(1)		2			
Olive	31,027	13,027	111,816	4,958	20,250	4,428	48,137	11,116	58,300	13,742
Palm	34,790	2,430	48,091	205	80,469	3,940	22,711	2,290	46,296	1,984
Peanut	68	53,428	7,278	4,006	11,822	27,022	11,156	89,799	2,138	49,339
Rapeseed	15	70	5		489	4	11	(1)	27	1
Sesame	84	12,019	9	562	1,370	6,514	390	4,721	12	2,743
Soy bean	416		8,365	32	10,761	1,021	3,955	403	3,918	
Wild rapeseed	1	2,069		6		134		110		114
Other seed oils	145	4,347	268	071	1,542	1,720	745	2,557	274	2,900
Total	100,105	123,375	253,518	15,063	160,130	103,387	141,823	137,812	135,032	80,856

Oil	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Black-poppy seed		465		449		491		290
Castor and pulghere	592	5,452	641	6,422	274	8,182	291	8,473
Coconut, touloucouna, etc.	10,029	6,359	11,008	23,837	13,659	25,541	11,087	32,079
Colza	452	1,310	1,161	1,437	763	702	1,090	688
Corn	342	61	98	13	1,597	49	2,234	498
Cottonseed	6,841	407	7,853	100	8,598	38	8,901	30
Linseed	12,201	6,226	14,925	5,503	10,055	3,509	16,807	4,460
Mustard seed	(1)		1	78				
Olive	50,086	13,183	41,804	13,868	41,151	0,904	49,925	11,068
Palm	40,264	1,065	45,480	2,009	38,872	1,173	45,790	1,837
Peanut	1,337	64,492	3,428	72,156	3,815	58,417	10,789	73,152
Rapeseed	6		2	2	7		3	2
Sesame	44	2,693	88	6,340	268	4,528	155	9,473
Soy bean	6,470	48	10,580	(1)	16,073	63	14,192	73
Wild rapeseed							35	
Other seed oils	770	4,732	1,425	2,906	324	3,245	1,115	3,474
Total	120,434	107,068	138,506	135,204	135,456	115,032	162,414	146,217

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> White poppy-seed oil.

<sup>3</sup> Total as given in Bulletin 123; items do not add to this total; items add to 63,333 thousand pounds.

Data prior to 1923 compiled from Wrenn, J. E., World Trade and Vegetable Oils and Animal Fats. (Misc. Ser. 123, 214 pp., illus. 1923, Bureau of Foreign and Domestic Commerce.) Data for 1923-1926 compiled from Documents Statistiques le Commerce de la France, December, 1922-1928.

TABLE 15.—Imports and exports of vegetable oils by Germany, 1913, 1921-1926

Oil	1913		1921-22 <sup>1</sup>		1922		1923	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Linseed.....	6,977	1,280	77,016	4,324	64,458	3,395	47,691	673
Mowrah, shea, etc.	7,630	241	2,562	135	2,745	-----	517	1,254
Olive.....	5,038	330	1,191	240	769	-----	937	14
Castor.....	21,063	-----	8,337	-----	7,730	-----	4,880	(?)
Chinese tung.....	10,510	-----	10,402	-----	7,037	-----	4,535	(?)
Coconut.....	1,310	54,842	66,937	1,165	64,324	1,671	43,059	5,348
Cottonseed.....	35,822	-----	21,414	-----	5,873	-----	9,337	(?)
Palm.....	33,227	88	12,583	1,352	11,254	-----	10,349	29
Palm kernel.....	107	63,833	22,363	2,799	8,675	5,368	23,320	9,327
Palm, palm kernel, coconut, and vegetable tallow.....	-----	-----	-----	-----	-----	-----	<sup>2</sup> 16,311	<sup>3</sup> 830
Peanut and sesame.....	-----	35,725	-----	2,947	5,959	5,344	7,320	7,363
Rapeseed.....	2,590	8,515	817	694	3,080	1,530	4,624	474
Sesame.....	1,324	-----	971	-----	425	-----	-----	-----
Soy bean.....	6,922	<sup>4</sup> 2,128	54,504	1,414	91,436	1,124	58,285	1,959
Sulphur.....	5,873	-----	3,694	-----	2,710	-----	<sup>5</sup> 1,854	-----
Other, except of vegetable fats Other in containers other than barrels, casks, or drums.....	994	1,043	1,017	386	1,243	426	2,756	282
Total.....	139,206	108,031	284,278	15,456	277,122	18,858	237,787	27,564

Oil	1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Linseed.....	68,508	865	58,779	4,899	41,826	6,701
Mowrah, shea, etc.	173	70	940	596	212	78
Olive.....	2,060	44	3,362	35	1,837	34
Castor.....	6,991	(?)	14,230	(?)	12,025	289
Chinese tung.....	7,780	(?)	12,264	(?)	10,403	690
Coconut.....	10,192	5,817	12,812	17,512	4,139	15,070
Cottonseed.....	14,204	(?)	30,652	(?)	13,268	164
Palm.....	20,301	634	40,963	1,011	31,126	1,727
Palm kernel.....	13,031	8,361	7,724	30,975	3,244	41,175
Palm, palm kernel, coconut, and vegetable tallow.....	<sup>6</sup> 7,754	<sup>4</sup> 5,080	<sup>5</sup> 5,524	<sup>3</sup> 15,883	<sup>3</sup> 11,211	<sup>3</sup> 9,292
Peanut and sesame.....	14,418	4,856	23,010	-----	4,166	24,217
Rapeseed.....	4,548	920	4,117	2,332	1,353	2,545
Sesame.....	-----	-----	462	-----	961	1,316
Soy bean.....	42,166	<sup>5</sup> 5,189	73,793	(?)	44,064	11,160
Sulphur.....	<sup>6</sup> 3,681	(?)	5,423	(?)	4,085	29
Other, except of vegetable fats. Other in containers other than barrels, casks, or drums.....	3,833	-----	13,722	(?)	31,720	2,873
Total.....	231,694	32,202	310,315	73,719	216,699	117,658

<sup>1</sup> These data are for the period April, 1921, to May, 1922.

<sup>2</sup> Not separately classified.

<sup>3</sup> Edible vegetable tallow.

<sup>4</sup> Includes sulphur oil, cottonseed oil, castor, etc.

<sup>5</sup> Includes levat oil, sulphur oil, cottonseed oil, wood oil, castor oil, and beechnut, benne, corn, poppy, etc.

<sup>6</sup> Includes levat oil.

<sup>7</sup> For 1910 no data are shown; for 1920 no data showing oils separately stated.

Data prior to 1923 compiled from Wrenn, J. E. World Trade in Vegetable Oils and Animal Fats, Bureau of Foreign and Domestic Commerce. Misc. Ser. 123, 214 p., illus., 1923. Data for 1923-1926 compiled from Monatliche Nachweise über den auswärtigen Handel Deutschlands December 1924, 1925, and 1926.

TABLE 16.—Imports and exports of vegetable oils by Italy, 1913, 1919-1926

Oil	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Olive, pure.....	4,600	49,251	15,176	2,402	2,031	2,724	25,187	7,052	9,317	13,310
Sulphur.....		19,573		16,487		20,650		23,856		27,100
Castor.....	42,887	1,170	6,452	1,255	2,204	665	1,030	508	1,549	229
Coconut <sup>1</sup> .....	8,804	2	10,633	2,364	6,259	2	7,692	39	4,194	23
Cottonseed.....	29,680	3	8,211	320	30,216	4	29,522	11	531	32
Linseed crude.....	388	23	6,681	3,039	7,160	25	2,593	13	3,302	44
Linseed boiled.....	597	144	1,650	388	2,050	370	3,070	461	3,273	152
Palm.....	11,913	114	18,510		35,402	(?)	22,779	12	30,608	44
Peanut.....	7,631	(?)	789		2,253	53	28,150	61	6,643	25
Colza and rapeseed.....							187		313	6
Sesame.....							304	(?)	11	69
Other.....							374		35,655	93
Total.....	93,938	70,413	69,641	26,468	170,393	24,897	157,548	32,093	95,520	41,194

Oil	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Olive, pure.....	1,106	61,611	331	56,934	659	94,901		
Sulphur.....	4	36,016	4	36,808				
Castor.....	632	375	685	491	136	678	105	452
Coconut <sup>1</sup> .....	4,380	69	11,485	50	6,807	245	5,372	42
Cottonseed.....	18	1	36	(?)	105	2	224	1
Linseed crude.....	878	39	1,198	23	456	97	657	77
Linseed boiled.....	1,480	200	3,180	248	683	364	910	357
Palm.....	22,037	17	34,125	19	35,152	39	41,204	92
Peanut.....	1,347	29	8,604	3	9,074	105	14,930	106
Colza and rapeseed.....	69	303	210	236	268	187	165	192
Sesame.....	7	1,453	349	101	250	421	16	623
Other.....	8,756	178	19,084	1,454	49,904	878	73,242	644
Total.....	40,714	100,201	80,191	96,463	103,526	97,877	140,008	54,524

<sup>1</sup> Includes flupe and palm-kernel oil.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Includes 100 thousand pounds of peanut oil adulterated for soap.

Data for years prior to 1922 compiled from Wrenn, J. E., World Trade in Vegetable Oils and Animal Fats, U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, Misc. Ser. 123, 214 p., illus., 1923. Data for 1922-1926 compiled from Statistica del Commercio Speciale Di Importazione E Di Esportazione 1° Gennaio 31 December, 1924, 1925, and 1926.

TABLE 17.—Imports and exports of vegetable oils by the Netherlands, 1913, 1919-1926

Oil	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....			338	19	508	237	632	288	1,050	203
Coconut.....	36,785	11,851	130,316	69,954	114,170	128,556	70,195	142,045	4,409	183,456
Corn.....				2	163	516	34	360	320	692
Cottonseed.....	58,238	220	43,778	12,816	10,514	5,483	61,727	16,151	12,608	1,958
Linseed.....	1,215	56,102	2,632	38,170	2,137	59,230	2,124	145,569	62	157,920
Olive.....	201	227	834	396	37	36	151	42	139	24
Palm.....	52,722	14,632	9,177	235	15,732	168	7,435	072	9,985	130
Palm kernel.....			16,511	10,872	25,767	8,893	17,063	8,498	6,523	5,161
Peanut.....	6,535	21,416	5,423	5,642	2,270	8,703	14,280	18,115	17,716	20,781
Poppy seed.....	57									
Rapeseed.....	4,864	085	14,696	9,009	2,324	7,821	1,039	2,668	776	5,888
Rapeseed refined.....	28	2,368		77	10	42		142	37	154
Sesame seed.....	3,810	669	987	6,020	653	5,623	676	4,683	869	3,940
Soy bean.....	6,336	1,838	34,733	14,913	80,694	26,766	73,174	45,187	68,236	28,556
Other edible oils, not elsewhere specified.....	467	443		1,439		5,171		7,077		443
Other.....	11,201	2,074	1,880		1,895		1,550		4,678	
Total.....	181,998	112,841	320,263	160,055	265,283	257,254	270,163	392,403	127,527	499,606

Oil	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	1,221	86	1,437	141	1,843	79	1,794	58
Coconut.....	3,344	145,100	3,545	116,992	11,460	115,689	10,716	117,081
Corn.....	9	888	150	1,543	464	1,627	589	1,722
Cottonseed.....	23,464	5,869	21,162	5,604	22,643	5,015	20,985	6,473
Linseed.....	408	110,317	592	142,519	163	146,520	915	164,911
Olive.....	260	13	174	22	190	9	172	4
Palm.....	13,688	355	67,372	15,664	40,426	6,947	25,461	1,823
Palm kernel.....	14,565	29,262	14,330	19,385	6,554	11,160	7,273	14,983
Peanut.....	6,960	20,170	19,134	24,282	40,210	20,336	59,917	26,892
Rapeseed.....	1,441	4,676	3,404	3,887	487	3,906	2,507	1,669
Rapeseed refined.....	34	280	48	229	31	295	26	271
Sesame seed.....	2,072	15,386	2,828	12,000	1,781	12,185	979	12,002
Soy bean.....	65,838	18,715	67,298	18,415	34,793	27,963	109,710	37,447
Other edible oils, not elsewhere specified.....					19,080	2,621	18,838	4,026
Other.....	3,342	908	5,600	1,323	4,650	75,016	7,837	92,807
Total.....	137,569	357,965	207,083	358,036	235,279	435,371	267,632	483,016

Data prior to 1923 compiled from World Trade in Vegetable Oils and Animal Fats. Bureau of Foreign and Domestic Commerce. Misc. Ser. No. 123, 214 p. illus. 1923. Data for 1923-1926 compiled from Nederland Mandstatistiek December, 1924, 1925, 1926.

TABLE 18.—Imports and exports of vegetable oils by the United Kingdom, 1913, 1919-1926

Oil	1913		1919		1920		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	3,064	24,232	643	5,247	559	9,251	1,071	8,707	3,591	0,245
Coconut, refined.....	69,933	6,599	52,987	988	5,797	4,721	23,097	3,562	26,147	3,158
Coconut, unrefined.....	62,933	6,951	99,177	3,633	35,030	1,641	90,084	974	61,130	580
Cottonseed, refined.....	35,421	53,029	53,435	6,066	401	25,977	34,901	18,507	7,105	20,574
Cottonseed, unrefined.....	2,007	1,169	0,830	15,911	4,014	12,741	5,837	4,729	3,219	3,116
Linseed, refined.....					1,790	14,540	63	7,771	1,033	7,054
Linseed, boiled.....					271	25,088	27	21,346	287	22,145
Linseed, pure.....	24,606	67,001	1,588	168,005						
Linseed, raw.....					1,207	68,835	20	94,558	7,733	103,831
Linseed, impure.....	40		81					27		
Olive, refined.....	11,984	681	8,590	150	4,993	595	5,002	137	10,994	148
Olive, unrefined.....	5,755	45	4,505	4	4,059	103	4,852	32	0,142	4,272
Palm, refined.....	6,430	1,638	0,524	1,174	3,02	3,277	4,477	1,579		1,248
Palm, unrefined.....	71,390	2,352	177,404	932	149,934	2,872	60,515	2,287	115,197	883
Palm kernel refined.....				295	428				271	4,057
Palm and palm kernel refined.....			3,468	11,285						
Palm, kernel unrefined.....					10,027	40,401	6,073	20,063	990	14,063
Peanut, refined.....					1,145	1,559	3,723	2,374	6,019	4,906
Peanut, unrefined.....					21,009	851	16,184	5,230	11,443	3,933
Rapeseed.....	17,015	13,070	11,254	32,756	2,502	15,774	1,059	6,030	2,802	11,074
Sesame.....					78	656	42	78		4
Soy bean.....		21,034		2,327	33,607	23,374	35,802	22,147	45,190	18,137
Other seed oils.....	42,880	5,123	66,165	3,678	16,047	7,095	6,218	6,223	4,427	7,002
Other sorts refined.....					5,828	7,585	8,924	2,101	3,593	5,593
Total.....	343,468	205,993	495,645	253,454	301,218	225,765	325,780	242,686	313,401	229,913

Oil	1923		1924		1925		1926	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	0,876	8,682	4,585	8,802	7,219	12,898	5,910	11,552
Coconut, refined.....	17,987	3,781	15,396	4,417	17,579	4,791	16,231	3,770
Coconut, unrefined.....	38,035	2,379	37,491	2,657	51,144	1,122	60,317	2,238
Cottonseed, refined.....	9,408	24,477	12,181	42,620	7,849	38,044	15,140	44,159
Cottonseed, unrefined.....	7,401	21,797	4,343	7,500	3,349	0,048	10,208	5,492
Linseed, refined.....		945	4,067	372	4,706	914	2,059	
Linseed, boiled.....		441	26,407	172	28,325	650	24,918	
Linseed, pure.....								
Linseed, raw.....	7,798	53,904	5,358	35,446	36,543	20,810	32,093	15,321
Linseed, impure.....								
Olive, refined.....	8,333	329	11,330	262	8,635	282	11,021	291
Olive, unrefined.....	9,620	38	7,533	40	8,635	0	0,939	
Palm, refined.....	78	1,095	67	4,007	-31	4,166		553
Palm, unrefined.....	108,060	2,392	135,953	5,555	162,389	4,832	147,240	4,890
Palm, kernel refined.....	417	5,717	739	0,792	320	7,414		3,692
Palm and palm kernel refined.....							856	
Palm, kernel unrefined.....	231	46,868	-45	63,307	-650	72,267	784	58,453
Peanut, refined.....	4,693	3,430	0,406	3,398	15,493	1,828		
Peanut, unrefined.....	2,477	8,483	4,374	18,396	0,055	23,003		
Rapeseed.....	916	20,012	1,196	27,017	5,403	12,383	15,765	11,437
Sesame.....	914	75	65	4,700	25	65		
Soy bean.....	49,567	16,910	65,740	31,497	65,269	42,399	108,066	55,019
Other seed oils.....	10,732	8,573	12,686	14,374	11,278	14,328	34,207	34,152
Other sorts refined.....	3,869	0,675	3,203	0,545	5,887	3,959	27,608	15,075
Total.....	292,298	266,007	322,374	320,573	417,795	307,375	493,310	298,724

Annual statement of the trade of the United Kingdom for 1913, 1919-1925. Data for 1926 taken from Accounts Relating to Trade and Navigation of the United Kingdom, December, 1926.

TABLE 19.—Imports of principal vegetable, animal, and fish oils, fats and greases into the United States, 1913, 1919-1926

Material	1913	1919	1920	1921	1922	1923	1924	1925	1926
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
Vegetable oils:									
Coconut.....	72,199	231,063	210,327	183,717	227,330	181,882	224,763	232,490	245,129
Cottonseed.....	11,407	27,860	9,458	669	21	25			16,679
Linseed.....	1,213	10,143	35,200	60,691	144,137	43,097	13,217	13,607	16,040
Olive, edible.....	38,844	67,681	30,501	49,711	61,187	77,190	76,136	96,426	78,506
Olive, inedible.....	4,229	2,118	490	4,171	26,789	46,605	7,240	10,884	9,925
Palm kernel.....	27,746	1,929	1,694	2,393	1,715		4,748	52,624	74,029
Palm oil.....	54,072	41,818	41,948	23,155	57,517	128,495	101,780	139,170	130,747
Peanut.....	11,271	154,082	95,124	3,021	2,470	8,009	15,305	3,027	8,281
Soy bean.....	14,221	195,809	112,214	17,283	17,294	41,679	9,126	10,493	30,712
Chinese nut (tung).....	42,587	53,853	67,062	27,249	70,089	87,262	81,588	101,554	83,004
Chinese vegetable tallow and wax.....					7,738	18,286	13,062	12,931	12,013
Rapeseed.....	10,829	8,375	12,907	7,152	10,861	15,932	17,362	12,076	20,768
Castor oil.....	227	2,813	1,286	142	829	1,019	293	330	450
Hempseed.....	3	1,379	458		120			2	152
Perilla.....	70	4,743	7,632	652	2,208	6,441	3,016	6,016	7,400
Poppy seed.....	74	2	5	10	12	16	19	64	176
Sesame.....	4,722	807	69	69	0	8,702	7,843	4,265	8,862
Olive oil foots.....	6,541	8,665	14,853	11,270			24,678	40,829	40,396
Total.....	288,995	870,340	642,724	400,353	650,640	658,708	600,345	740,436	773,124
Animal and fish oils, fats, and greases: <sup>2</sup>									
Whale—									
Sperm.....	596	936	748	23	482	960	529	1,937	1,030
Other.....	1,385	3,908	651	2,748	32,112	28,853	37,528	53,558	39,249
Cod.....	6,557	8,642	7,835	13,098	11,863	13,392	14,367	13,163	18,193
Cod liver.....	2,196	1,769	3,339	2,569	1,718	3,983	6,982	9,153	14,411
Herring, menhaden, cod, etc.....	4,266	4,068	4,319	1,278	2,109	4,324	4,511	4,254	14,571
Seal.....	877	173	98	3,080	2,713	3,806	3,630	2,737	4,881
Oleo stearin.....	7,052	2,353	963	419	203	216	1,009	891	1,960
Tallow.....	603	12,096	14,875	1,870	1,831	10,823	2,440	1,828	13,647
Wool grease—									
Crude.....	15,000	249	4,067	2,625	13,364	8,310	11,633	9,112	10,498
Refined or improved in condition.....	2,295	45	20	65	484	1,121	1,111	856	1,269
Other animal greases, fats and oils.....	8,601	33,275	21,973	19,568	11,262	223	130	216	225
Total.....	49,567	67,517	58,885	48,243	78,311	76,011	83,870	67,705	119,094

<sup>1</sup> Less than 500.<sup>2</sup> The figures for these minor oils, as well as the figures for all the animal and fish oils, fats, and greases compiled from the "Imports for consumption" in Foreign Commerce of the United States.<sup>3</sup> The 1924 figure for inedible olive oil includes denatured olive oil.<sup>4</sup> And other "not specially provided for."

Data for 1912-1918 compiled from the United States Department of Agriculture Bulletin No. 760; 1919-1924 from annual reports, Foreign Commerce and Navigation of the United States; 1923-1924 figures for vegetable oils were taken from December, 1924, Part I, Monthly Summary of Foreign Commerce of the United States.

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TABLE 20.—Imports of oleaginous raw materials in terms of oil into the United States, 1913, 1919-1926

Raw material	1913	1919	1920	1921	1922	1923 <sup>1</sup>	1924 <sup>1</sup>	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor beans	20,614	28,346	31,483	19,406	40,837	44,270	42,489	53,617	50,400
Copra	23,142	174,003	145,252	127,792	181,545	224,705	190,468	245,751	308,870
Cottonseed	555	11,399	13,022	14,042	10,440	11,689	10,159	10,851	10,022
Flaxseed	107,819	287,030	503,167	251,880	304,825	497,352	339,078	337,458	456,147
Hempseed	540	715	1,388	263	961	588	1,040	624	1,063
Mustard seed	4,070	4,552	2,900	2,421					
Palm and palm-nut kernels		2,014	3,123	863	74	2,784	8	21	150
Peanuts	7,182	12,888	47,788	18,819	4,199	19,809	23,851	44,950	24,808
Perilla and sesame					183	0,825	0,033	1,951	1,442
Poppy seed	1,728	511	1,330	2,204	2,497	2,968	2,360	1,850	2,459
Rapeseed	1,037	1,930	2,203	1,943	2,408	3,186	1,840	2,834	3,247
Soy beans		795	540	691	619	638	732	652	637
Sunflower seed					6	2,697	517	295	118
Total	167,287	524,243	752,205	440,414	548,594	817,591	631,473	701,073	850,372

<sup>1</sup> "Other oilseeds" not included since there is no way of determining what materials are included and hence there is no average percentage factor for converting into oil.

Compiled from annual reports, Foreign Commerce and Navigation of the United States. The factors for converting the raw materials into terms of oil were taken from U. S. Department of Agriculture, Foreign Crops and Markets, v. 10, p. 395, 1925.

TABLE 21.—Imports for consumption of oil seeds and other oleaginous raw material<sup>1</sup> into the United States 1913, 1919-1926

Raw material	1913 <sup>2</sup>	1919	1920	1921	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor beans	41,228	59,692	62,966	38,812	81,674	88,540	84,978	107,234	100,796
Copra	34,284	257,916	215,188	180,320	263,956	332,954	291,064	364,076	457,595
Cottonseed	3,264	47,632	78,598	82,598	61,410	68,702	95,052	63,832	58,954
Flaxseed	295,396	786,333	1,375,538	690,082	835,138	1,302,608	928,980	921,512	1,240,717
Hempseed	2,348	3,108	5,030	1,142	4,180	2,558	3,524	4,018	4,222
Mustard seed	12,720	14,226	9,064	7,564	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	14,235
Palm and palm-nut kernels		5,610	8,330	230	108	742	16	57	400
Peanuts	16,322	29,200	108,608	42,766	9,542	45,020	54,208	102,160	56,383
Perilla and sesame					366	13,650	13,866	3,001	2,882
Poppy seed	3,638	1,076	2,800	4,828	5,256	6,232	4,068	3,015	5,177
Rapeseed	4,308	5,080	5,798	5,114	6,330	8,386	4,844	7,458	8,540
Soy beans		4,368	3,136	3,946	3,536	3,648	4,154	3,812	3,728
Sunflower seed			30,678	17,878	12	5,078	1,030	411	240
Other oilseeds <sup>4</sup>					486	248	278	160	432
Total	413,568	1,230,800	1,907,740	1,084,280	1,277,090	1,939,116	1,488,050	1,585,506	1,063,720

<sup>1</sup> Entered for domestic use; not confined to oil production exclusively.

<sup>2</sup> For fiscal year ended June 30, 1913.

<sup>3</sup> Not separately listed.

<sup>4</sup> Unshelled peanuts were converted to shelled basis by assuming 1 ton of unshelled equals 0.7 ton of shelled.

<sup>5</sup> Other oilseeds reported in bushels have not been converted to pounds as there is no way of determining what materials are included and hence there is no average factor. The following quantities were reported: 1913, 13,518; 1919, 24,032; 1920, 140,801; 1921, 241,487; 1922, 73,714.

Compiled from annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce.

TABLE 22.—Imports of castor beans and rapeseed oil into the United States, by months, 1913, 1919-1926

CASTOR BEANS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	115	3,350	274	3,667	7,000	4,672	5,326	2,784	1,012	4,481	3,677	5,773	42,200
1919	963	1,378	8,741	3,968	3,279	7,047	3,912	6,735	3,847	3,978	12,002	4,763	60,413
1920	5,795	5,082	4,488	1,761	7,940	16,707	4,083	7,538	5,994	4,240	933	3,404	61,961
1921	559	5	1,006	2,018	1,006	946	3,458	5,757	8,724	5,472	3,873	2,451	36,565
1922	2,135	14,146	7,163	4,173	3,080	16,368	611	4,138	5,720	9,576	9,722	3,941	81,673
1923	3,522	4,562	10,511	5,486	15,800	14,900	2,065	0,089	7,160	6,068	5,275	6,792	88,539
1924	652	9,399	7,780	8,750	9,090	11,899	10,705	2,941	3,794	9,268	3,430	7,344	84,977
1925	6,241	8,043	13,292	3,823	12,142	10,724	8,145	9,285	9,454	9,070	11,397	6,026	107,232
1926	9,792	8,303	9,633	5,324	9,122	10,442	8,310	7,924	7,079	7,755	8,072	8,852	100,908

RAPESEED OIL

1913	993	805	1,132	471	729	845	964	785	618	1,079	1,163	1,185	10,829
1919	1,205	1,192	2,818	459	474	76	451	100	8	4	376	1,212	8,375
1920	10	781	1,801	1,619	528	2,232	552	1,289	2,221	682	316	677	12,007
1921	625	647	726	570	102	283	537	340	673	592	824	1,243	7,152
1922	496	850	533	1,669	1,553	848	611	467	838	927	867	1,191	10,861
1923	1,488	1,454	1,443	878	2,350	738	663	2,658	759	617	2,269	555	15,932
1924	534	543	1,140	1,803	1,317	2,505	2,971	1,168	1,052	2,473	614	1,152	17,302
1925	1,156	575	906	179	1,182	1,282	847	1,707	1,139	1,838	1,067	877	12,735
1926	466	3,301	2,433	681	722	381	2,083	3,001	1,663	1,056	1,937	2,895	20,759

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 23.—Imports of cottonseed and cottonseed oil into the United States, by months, in stated years<sup>1</sup>

COTTONSEED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1922										10,479	14,008	15,337	30,784
1923	7,050	5,173	3,357	1,494	80			142	3,205	14,274	17,303	16,650	68,842
1924	14,051	10,628	6,804	2,225	2,017	1,275		116	3,373	21,509	21,161	11,794	95,053
1925	6,874	3,254	2,223	78	55	259		663	6,306	16,633	13,233	12,255	63,832
1926	11,042	8,718	12,553	1,100	3,288	1,504	242	146	3,462	8,367	6,256	2,271	68,951

COTTONSEED OIL

1913	307	211	443	210	652	324	1,807	4,537	2,378	248	162	179	11,407
1919	2,011	1,567	2,712	2,091	2,620	1,451	1,814	1,743	4,516	2,174	2,341	2,766	27,899
1920	1,769	493	1,456	1,206	1,000	2,700	439	(?)	46	92	35	32	9,458
1921	114	272	53	146	28	50	(?)					(?)	609
1922		(?)				(?)	(?)		1	18	2		21
1923		25							(?)				25

<sup>1</sup> Cottonseed not separately stated prior to October, 1922. Cottonseed oil not separately stated subsequent to December, 1923.

<sup>2</sup> Less than 500 pounds.

Compiled from Monthly Summary of Foreign Commerce of the United States.



TABLE 24.—Imports of copra and coconut oil into the United States, by months, 1918, 1919-1926

COPRA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1918	536	2,248	885	3,788	1,755	667	1,288	1,100	8,057	5,903	2,016	4,061	30,351
1919	29,215	18,564	21,081	31,182	23,078	13,021	21,507	14,500	25,907	25,031	17,222	17,705	258,016
1920	21,055	10,745	16,267	17,938	10,446	13,279	14,276	36,004	20,010	10,100	16,777	15,276	215,188
1921	16,535	5,036	10,268	10,471	13,265	18,073	29,369	20,243	5,067	12,661	4,805	12,508	189,321
1922	32,870	22,191	20,408	23,035	22,804	12,717	27,225	10,184	6,272	27,861	25,102	40,201	268,956
1923	34,603	28,867	17,369	33,134	19,394	38,010	30,079	16,623	19,070	40,777	37,253	17,028	332,074
1924	36,241	25,557	23,777	7,122	28,803	16,453	24,723	27,766	29,880	26,720	20,113	23,774	291,064
1925	30,082	16,028	35,136	20,658	41,751	22,412	17,631	21,154	38,116	17,369	54,186	39,976	361,070
1926	30,100	21,040	39,128	38,076	38,108	34,727	53,021	34,434	42,577	39,626	43,580	40,031	457,509

COCONUT OIL

1918	4,204	5,480	5,067	4,888	2,933	5,700	5,375	5,716	8,636	4,409	6,278	13,361	72,196
1919	22,732	43,374	25,615	14,058	19,707	12,709	41,208	14,011	11,322	20,231	15,711	31,235	281,003
1920	22,913	30,806	11,329	35,916	14,638	12,040	26,206	12,777	11,564	10,700	8,442	11,917	216,327
1921	12,062	27,367	4,517	29,710	4,037	8,631	19,684	9,541	21,422	8,029	23,651	20,855	189,717
1922	22,525	21,101	32,969	18,512	40,361	12,254	13,443	11,460	6,923	22,987	21,104	24,651	227,320
1923	20,900	22,072	6,877	14,368	19,510	18,379	6,423	10,819	5,669	11,660	10,575	24,100	181,882
1924	10,827	21,494	12,128	20,707	11,318	31,879	11,050	22,800	17,337	13,298	30,823	18,102	221,763
1925	26,921	10,734	31,312	24,687	8,281	25,870	19,755	10,300	8,603	15,351	21,931	28,694	232,409
1926	21,377	21,644	11,045	16,757	16,084	17,076	22,538	20,010	16,127	21,219	23,713	25,400	245,129

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 25.—Imports of flaxseed and of linseed oil into the United States, by months, 1918, 1919-1926

FLAXSEED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1918	31,322	12,836	21,101	4,040	40,083	15,332	12,559	10,667	16,895	40,280	66,212	88,777	368,490
1919	10,163	9,390	21,811	43,734	106,831	67,073	74,431	69,032	108,596	82,818	119,466	82,221	780,026
1920	129,432	60,433	126,768	95,492	238,186	129,514	100,629	91,919	112,405	123,337	82,102	93,560	1,379,907
1921	21,652	19,106	50,572	61,129	96,790	49,313	43,458	106,209	33,533	36,290	88,267	83,951	600,270
1922	37,911	62,307	38,730	26,497	80,193	86,015	92,638	61,676	80,420	58,297	70,989	90,331	835,137
1923	92,017	107,188	136,153	174,087	247,461	170,971	128,726	95,194	35,835	44,151	51,687	60,135	1,362,010
1924	23,953	63,205	127,917	109,740	206,061	139,711	123,642	68,191	25,785	11,531	1,496	27,759	928,977
1925	37,593	91,509	46,700	118,825	120,551	74,394	52,306	60,590	40,828	71,882	98,325	107,559	924,542
1926	72,858	99,701	157,510	73,636	111,304	138,315	70,700	79,787	87,167	105,308	143,813	60,628	1,262,709

LINSEED OIL

1918	136	86	123	28	95	58	61	57	92	61	305	83	1,213
1919	165	211	1,225	924	2,248	2,455	531	623	426	1,688	2,449	3,498	16,143
1920	8,361	6,495	4,546	2,496	1,545	1,769	1,769	4,926	3,111	970	371	770	35,290
1921	374	153	27	328	438	3,667	3,012	4,902	10,351	11,810	15,887	9,289	60,001
1922	11,574	10,630	23,573	21,495	27,872	18,668	8,011	12,673	6,261	3,332	197	38	144,137
1923	(1)	(1)	189	4,523	11,357	10,157	10,863	4,817	6,261	413	48	100	43,027
1924	95	20	83	202	101	374	2,819	5,384	3,014	100	34	25	13,247
1925	567	1,976	2,600	2,407	3,361	361	251	303	108	167	49	1,643	13,507
1926	2,520	1,500	246	2,942	7,183	40	173	60	116	167	87	1	15,041

<sup>1</sup> Less than 500 pounds.

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 26.—Imports of edible and inedible olive oil and olive foots into the United States, by months, 1913, 1919-1926

OLIVE OIL, EDIBLE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	3,277	2,882	2,080	3,892	2,707	2,484	3,190	3,200	3,075	2,073	3,755	4,093	38,844
1919	335	2,935	2,811	8,055	7,431	0,379	7,078	11,643	4,009	2,535	4,055	5,252	67,031
1920	1,869	1,153	3,705	3,405	2,547	2,283	2,066	3,320	3,981	2,058	1,975	1,320	30,591
1921	1,279	859	1,652	4,307	4,120	5,492	7,057	7,125	4,876	4,140	3,013	5,163	49,711
1922	4,043	2,282	4,465	4,040	0,400	0,205	5,509	5,024	4,803	6,729	3,960	6,052	61,187
1923	5,569	4,781	6,320	8,930	8,825	8,640	5,902	0,930	5,495	7,692	5,086	5,045	77,100
1924	4,287	6,517	5,823	13,130	9,408	5,491	6,122	5,329	4,590	6,094	4,441	4,953	76,186
1925	4,491	0,698	11,308	9,293	8,509	8,334	8,375	7,188	0,949	0,989	6,026	6,115	90,420
1926	4,580	6,195	7,008	8,261	7,752	8,047	8,091	7,082	6,618	4,753	6,757	3,738	78,506

OLIVE OIL, INEDIBLE

1913	307	405	303	340	546	415	117	223	251	454	451	344	4,229
1919				312	282	206	230	97	102		170	644	2,115
1920			88	142	113	10	33	37	4		38	23	400
1921		19	209	321	172	1,018	385	572	363	377	223	372	4,171
1922	2,481	1,309	2,509	2,649	2,340	2,133	3,134	1,145	1,405	3,473	2,315	1,938	26,788
1923	4,143	4,252	8,085	5,775	3,854	3,140	1,702	1,378	2,046	2,400	2,410	444	46,605
1924	112	340	758	951	3,875	173	11	66	128	340	295	169	17,240
1925	820	428	3,809	1,269	733	720	376	597	633	527	806	324	10,881
1926	1,085	811	1,305	1,404	1,148	1,350	1,078	280	160	330	503	434	9,925

OLIVE FOOTS

1913	530	1,043	1,676	1,217	952	695	577	560	670	1,010	590	805	10,450
1919					365	249	460	2,250	1,516	448	633	620	6,511
1920	244	35	242	921	1,683	1,348	1,051	702	38	131	485	8,065	
1921	75		930	2,272	1,009	2,536	1,203	1,642	401	1,939	1,367	1,455	14,853
1922	2,241	428	1,677	730	1,678	1,851	1,167	827	1,271				11,270
1923													
1924	511	1,061	2,218	8,064	1,790	1,300	2,100	2,177	1,735	1,307	1,035	922	24,078
1925	3,303	1,850	1,505	3,585	5,054	4,040	2,477	3,512	2,900	4,057	4,171	4,291	40,823
1926	3,384	2,821	3,780	4,730	4,495	3,535	5,170	3,979	3,755	1,888	2,262	402	30,300

<sup>1</sup> Denatured olive oil.

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 27.—Imports of palm kernels, palm-kernel oil and palm oil into the United States, by months

PALM KERNELS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1919	411	46	1,540	15	632	7	2,819		14	3		87	5,610
1920	38	1,435	721	1,499	787	2	1,476	24	1	45	2,950		8,329
1921	5	6	31	(1)	6	1		(1)	16	147		10	230
1922	(1)	(1)	2	1	(1)	118		3	8	(2)	(1)	(2)	140

PALM-KERNEL OIL

1913	2,243	1,518	1,472	1,026	1,606	2,154	1,041	2,519	4,313	3,001	3,770	2,505	27,746
1919				1,792	137								1,920
1920				23	(1)		531	325	328		135	102	1,604
1921		112	34	346	268	300	228	58	160	262	495	45	2,383
1922	112	276	250	112	393	118	174	172	134				1,715
1923													
1924	110	238	130	113	131	302	37	176	955	300	1,197	951	4,748
1925	4,181	8,278	8,075	3,828	4,731	3,749	157	2,128	310	6,574	5,736	3,987	52,621
1926	10,192	11,361	12,887	10,565	8,176	4,011	4,901	2,362	1,050	79	217	89	74,980

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Subsequent to September, 1922, include(1) with "all other seeds."

TABLE 27.—Imports of palm kernels, palm-kernel oil, and palm oil into the United States, by months—Continued.

PALM OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	3,166	2,879	3,165	3,577	4,539	5,980	4,785	6,747	6,350	3,382	4,834	4,060	54,672
1919	2,105	71	2,606	5,052	4,194	577	13,407	5,519	5,066	1,378	1,637	800	41,818
1920	4,100	2,319	6,957	5,588	2,209	1,650	5,100	3,908	2,344	1,544	3,028	3,006	41,948
1921	3,125	2,901	569	1,230	629	3,557	3,709	1,051	1,848	814	1,999	1,654	23,155
1922	4,259	5,355	8,374	4,018	2,649	3,429	3,246	5,183	6,665	4,840	4,729	10,773	57,517
1923	13,994	14,035	15,678	17,083	11,891	15,797	11,827	2,483	2,046	5,140	7,467	10,160	123,495
1924	4,800	10,033	4,570	6,165	8,063	6,527	4,464	8,351	6,872	6,174	10,975	14,271	161,760
1925	8,029	10,261	11,587	8,072	11,700	10,029	11,088	10,440	9,641	8,807	16,799	14,727	130,179
1926	10,798	14,172	6,710	11,438	8,262	18,967	10,862	6,548	8,437	11,498	12,377	4,662	130,747

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 28.—Imports of peanuts and peanut oil into the United States, by months, 1913, 1919-1926

PEANUTS													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	1,877	2,428	3,581	3,030	2,282	2,908	2,530	1,631	799	265	569	1,542	23,948
1919	284	(1)	678	63	2,336	4,733	5,331	6,270	4,634	3,214	1,460	838	29,847
1920	8,483	17,037	27,423	29,837	19,481	8,368	2,057	5,080	296	680	48	81	110,513
1921	1,585	2,488	4,748	15,937	11,810	2,478	460	383	78	64	17	84	40,164
1922	1,846	2,830	1,423	1,743	1,109	515	829	113	372	80	25	26	11,196
1923	2,591	2,265	9,350	14,423	10,115	8,095	5,673	1,110	31	129	221	228	52,302
1924	2,591	5,055	6,230	7,730	15,932	6,040	5,960	1,356	4,992	1,662	330	2,143	60,927
1925	4,671	10,353	6,060	20,827	21,078	13,895	2,908	500	69	202	83	107	84,391
1926	1,016	3,354	4,634	7,206	9,938	7,938	8,430	1,217	1,337	341	888	221	46,550

## PEANUT OIL

1913	1,085	591	979	1,067	836	1,015	1,442	1,371	1,371	505	234	771	11,271
1919	1,078	6,374	24,218	7,845	16,544	10,374	31,689	24,707	11,109	10,520	7,569	1,630	154,052
1920	4,828	9,076	20,748	24,059	8,839	13,803	3,759	5,213	6,477	495	757	269	95,124
1921	182	170	225	357	263	250	261	833	120	186	94	867	3,021
1922	213	58	170	240	201	368	141	89	133	413	182	223	2,470
1923	461	213	360	1,355	2,085	1,828	234	342	264	226	257	345	8,609
1924	623	390	2,364	4,601	687	4,668	602	203	288	175	377	357	15,395
1925	231	230	125	644	188	185	297	33	175	413	281	319	3,027
1926	284	329	224	154	183	680	1,360	2,797	1,585	161	250	256	8,261

1 Less than 500 pounds.

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 29.—Imports of soy-bean oil and Chinese nut oil into the United States, by months, 1913, 1919-1926

SOY-BEAN OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	284	182	581	1,214	781	1,673	1,488	2,386	1,110	3,513	974	626	14,221
1919	25,238	23,312	6,737	656	11,290	6,543	22,062	26,483	19,800	19,714	12,032	16,028	195,808
1920	8,374	14,163	18,452	14,920	12,808	10,812	16,917	10,376	7,185	226	2,011	2,113	112,214
1921	6	1,000	2,116	7,032	5,074	1,545	510	(1)	(1)	(1)	(1)	(1)	17,283
1922				895	2,016	3,004	4,167	2,692	2	1,810	95	1,016	17,294
1923	2,001	532	2,668	3,762	12,617	7,493	3,750	6,779	1,234	690	85	19	41,679
1924	4,816	1,460	1,587	2,240	1,867	40	189	415	3,028				9,425
1925	2,038	1,405	3,765	2,240	3,750	306	27	1,146					11,908
1926	2,038	1,405	2,477	3,162	48	5,063	5,816	3,008	2,570	3,022	20	1,984	30,712

1 Less than 500 pounds.

TABLE 29.—Imports of soy-bean oil and Chinese nut oil into the United States, by months, 1913, 1919-1922—Continued

CHINESE NUT OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	2,573	4,214	2,247	2,737	2,353	2,810	5,061	3,876	2,312	5,348	4,162	4,893	42,587
1919	4,016	2,581	1,691	545	2,094	3,386	4,030	6,384	4,389	6,021	13,751	5,062	53,853
1920	5,896	7,398	6,477	7,448	7,071	5,773	6,593	9,069	8,333	6,183	1,982	748	67,062
1921	2,730	894	433	1,093	117	127	3,279	2,232	4,641	3,760	1,543	6,408	27,249
1922	4,716	2,174	5,109	9,445	5,811	5,348	12,032	8,167	6,157	10,185	7,751	1,023	79,080
1923	5,634	6,119	5,893	6,396	6,618	11,349	6,274	13,183	6,683	5,448	4,854	4,141	87,232
1924	6,932	5,835	6,749	6,922	4,090	6,485	3,950	3,184	6,998	7,606	8,900	13,077	81,586
1925	9,080	9,340	12,068	6,226	6,779	7,398	11,619	6,033	2,468	13,798	8,398	8,067	101,554
1926	11,112	6,303	6,280	5,334	2,641	2,298	6,690	6,187	14,162	6,280	9,076	7,573	83,004

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 30.—Imports of tallow into the United States, by months, January, 1919-September, 1922<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1919	150	264	308	1,224	200	3,358	369	134	985	875	2,073	2,247	12,096
1920	689	140	1,063	223	505	1,135	1,240	2,380	1,652	3,812	246	1,470	14,876
1921	1	37	20	40	123	718	58	-----	44	550	258	7	1,870
1922	5	-----	38	316	23	110	831	-----	153	-----	-----	-----	-----

<sup>1</sup> Tallow not separately shown after Sept. 22, 1922.

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 31.—Imports of whale, cod and cod-liver oil, and other fish oils, into the United States, by months

WHALE OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1922	-----	-----	-----	-----	-----	-----	-----	-----	-----	178	75	100	362
1923	323	287	10,122	63	16,534	55	1	16	125	291	708	1,256	29,813
1924	709	13,896	36	18	9,219	9,244	351	1,367	492	1,601	658	967	38,057
1925	750	180	6,063	8,704	10,728	20,041	1,607	634	650	1,119	4,093	466	55,495
1926	126	466	1,985	14,870	5,462	22,020	6,489	6,515	559	491	328	4,083	63,434

COD AND COD-LIVER OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913 <sup>1</sup>	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,748	2,110	1,773	5,031
1919	690	272	44	219	1,015	258	440	463	1,507	1,836	1,962	1,733	10,400
1920	1,467	1,266	656	1,212	1,147	880	692	721	927	703	771	425	11,173
1921	510	276	661	1,714	865	720	1,810	791	1,503	2,805	2,431	2,382	16,568
1922	683	711	608	484	352	407	291	739	1,091	3,263	2,467	1,813	13,551
1923	1,001	833	1,375	1,568	1,518	1,300	902	515	885	2,110	3,632	1,615	17,374
1924	1,362	968	1,107	1,328	915	1,080	1,212	690	2,317	3,769	3,499	3,071	21,340
1925	1,030	1,570	1,895	1,701	1,385	1,214	846	1,339	2,822	3,213	2,805	2,887	22,317
1926	1,777	1,207	1,870	2,769	2,262	1,486	1,816	2,403	5,248	5,485	4,154	3,110	32,603

OTHER FISH OILS													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1921	203	54	144	193	2,174	1,185	1,205	1,645	63	118	22	125	7,145
1922	-----	-----	-----	-----	-----	-----	-----	-----	-----	10	174	147	331
1923	180	542	1,218	2,401	426	70	45	75	192	180	77	50	5,376
1924	346	606	1,086	1,265	507	391	243	221	205	139	189	304	5,635
1925	367	289	773	283	305	87	87	333	708	1,101	1,391	557	6,195
1926	1,350	2,052	1,186	470	408	180	640	2,509	2,046	1,034	1,379	3,253	16,519

<sup>1</sup> Included with "Animal, fish, and other" previous to Oct. 4, 1913.

Compiled from Monthly Summary of Foreign Commerce of the United States.

TABLE 32.—Domestic exports of the principal vegetable oils and fats, and oilseeds and other oleaginous raw materials from the United States, 1913, 1919-1926

## VEGETABLE OILS AND FATS

Item	1913	1919	1920	1921	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Cocoon butter.....	( <sup>1</sup> )	7,320	5,377	2,855	1,200	762	840	2,432	867
Coconut oil.....	( <sup>1</sup> )	118,612	25,685	7,498	12,072	16,562	17,901	17,901	15,052
Corn oil.....	1,770	6,415	12,659	4,460	5,733	4,361	3,679	3,847	1,324
Cottonseed oil.....	364,770	193,183	184,751	232,549	75,303	40,608	43,343	62,415	40,901
Linseed oil.....	11,930	11,200	5,360	3,512	2,703	3,013	2,387	2,487	2,567
Peanut oil.....	( <sup>1</sup> )	4,342	1,425	1,709	063	204	39	( <sup>2</sup> )	( <sup>2</sup> )
Soy-bean oil.....	( <sup>1</sup> )	27,715	43,512	1,044	2,448	1,356	2,264	520	1,567
Vegetable stearin.....	( <sup>1</sup> )	4,159	1,810	2,355	1,448	251	97	( <sup>2</sup> )	( <sup>2</sup> )
Vegetable oleomargarine.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	334	1,745	127	146	1,452
Vegetable oil-lard compound.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25,478	9,617	6,989	8,223	7,586
Vegetable soap-stock grease.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8,134	3,815	5,528	7,751	12,390
Other vegetable oils and fats.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6,370	8,514	5,420	8,537	8,810
Total.....	278,488	372,002	279,098	276,822	143,066	99,811	88,088	114,261	93,231

## OILSEEDS AND OTHER OLEAGINOUS RAW MATERIALS

Cottonseed.....	24,606	1,918	5,270	2,826	3,538	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Flaxseed.....	15,850	930	882	20	132	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Peanuts.....	7,610	19,778	9,305	14,402	12,022	1,605	3,126	3,488	4,232
Other oilseeds.....	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	66	2,584	3,268	3,686	2,452
Total.....	48,072	22,626	15,518	17,338	16,458	7,300	6,394	7,174	6,684

<sup>1</sup> Not separately reported.<sup>2</sup> July 1 to December 31. Not reported separately prior to July 1919.<sup>3</sup> Included in "other vegetable oils and fats".<sup>4</sup> Not separately reported prior to 1922. Included in "oleomargarine containing animal fats."<sup>5</sup> Includes animal fats.<sup>6</sup> Not separately reported prior to 1922. Included with "animal lard compounds."<sup>7</sup> Not separately reported prior to 1922. Included with "animal fats and greases."<sup>8</sup> Reported in value only prior to 1922.<sup>9</sup> Included in "other oilseeds."<sup>10</sup> Prior to 1922 the domestic exports of other oilseeds are shown in value only.

Data for 1913 compiled from Monthly Summary of Foreign Commerce of the United States: 1919-1924 from Foreign Commerce and Navigation of the United States, and 1925 and 1926 from the December Monthly Summary of Foreign Commerce of the United States.

TABLE 33.—Domestic exports of the principal animal and fish oils, greases and derivative products from the United States, 1913, 1919-1926

Item	1913	1919	1920	1921	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Fish oils (except whale).....	8,905	8,142	3,212	805	5,155	1,000	778	814	869
Whale oil.....					583	722	93	( <sup>1</sup> )	( <sup>1</sup> )
Lard.....	536,180	760,902	612,250	868,942	700,050	1,035,382	944,095	688,820	698,961
Lard neutral.....	39,312	22,057	23,238	23,951	20,497	24,120	27,365	18,854	18,116
Lard oil.....	876	1,087	697	689	700	736	475	( <sup>1</sup> )	( <sup>1</sup> )
Oleo oil.....	100,767	75,585	74,366	127,978	100,387	68,955	66,380	91,572	96,902
Animal stearin.....	3,434	20,855	17,813	32,696	14,685	12,285	9,583	10,026	7,318
Lard compound <sup>2</sup> .....	63,700	124,962	32,052	48,207	10,286	7,460	7,382	14,091	10,581
Tallow.....									
Erbilio.....					2,376	1,204	689		
Inedible.....	28,235	38,956	20,692	13,798	29,000	33,925	32,673	17,514	10,028
Neat's-foot oil.....					1,148	1,145	1,824	1,431	1,083
Oleo stock.....					15,590	10,301	13,797	12,187	12,150
Oleomargarine containing animal fats.....	2,017	22,080	16,558	3,329	1,843	1,792	774	627	1,452
Miscellaneous animal oils.....	9,025	14,622	3,880	2,763	1,600	1,513	1,307	2,147	660
Miscellaneous animal fats and greases.....		( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	57,472	61,416	79,394	81,260	72,706
Total.....	793,451	1,691,005	804,430	1,123,058	1,043,038	1,291,955	1,220,209	939,558	931,435

<sup>1</sup> Included in "miscellaneous animal oils."<sup>2</sup> The data prior to 1922 include vegetable lard compounds.<sup>3</sup> The data prior to 1922 include vegetable oleomargarine.

Data for 1913 compiled from Monthly Summary of Foreign Commerce of the United States; 1919 to 1921 from Foreign Commerce and Navigation of the United States and 1925 and 1926 from Monthly Summary of Foreign Commerce of the United States.

TABLE 34.—Domestic exports of corn oil and soy-bean oil from the United States, by months

CORN OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	1,359	1,662	1,413	1,125	2,173	1,357	871	243	504	1,806	1,804	3,372	17,780
1919	4	74	134	228	355	182	730	643	1,832	954	884	395	6,415
1920	739	861	736	1,468	1,983	1,290	531	177	574	841	1,417	1,475	12,050
1921	452	360	200	265	334	294	400	515	457	453	299	371	4,400
1922	484	537	570	437	331	426	391	527	425	480	578	544	5,733
1923	430	325	523	360	268	355	485	515	260	246	151	246	4,361
1924	228	388	365	436	341	353	229	263	179	363	301	233	3,679
1925	261	418	410	315	281	233	344	377	305	373	263	237	3,847
1926	158	100	211	169	231	180	98	50	36	22	12	8	1,324

SOY-BEAN OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1919 <sup>1</sup>	2,957	5,788	7,762	11,915	0,659	5,807	5,067	2,246	3,801	4,138	6,086	6,287	27,715
1920	1,274	62	27	9	211	91	899	415	136	415	1,519	260	43,512
1921	181	63	3	10	9	( <sup>1</sup> )	252	5	3	7	3		1,044
1922	23	110	65	11	8	( <sup>1</sup> )	1	297	404	657	60	707	2,458
1923	512	436	289	308	184	121	73	88	112	91	206	482	1,356
1924	89			1	1	62	73	46	52	0	200	67	2,204
1925	( <sup>1</sup> )	180		61	0	1	4	5	285	1	( <sup>2</sup> )	2	520
1926								180	303	303	248	258	1,567

<sup>1</sup> Not separately classified prior to July, 1919.  
<sup>2</sup> Less than 500 pounds.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 35.—Domestic exports of cottonseed and crude and refined cottonseed oil from the United States by months

COTTONSEED													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	1,393	6,951	1,064	2,123	1,061	237	30	( <sup>1</sup> )	1,493	2,355	4,626	2,331	21,006
1919	496	451	147	143	18	2	( <sup>1</sup> )	10	( <sup>1</sup> )	27	145	474	1,919
1920	597	478	344	1,183	224	12	261	33	29	130	459	1,515	5,270
1921	444	434	516	28	941	23	( <sup>1</sup> )	62		310	31	32	3,627
1922 <sup>2</sup>	350	235	747	234	135	213	30	2	340	314	576	462	3,638

COTTONSEED OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	41,032	37,912	35,821	35,574	20,040	13,457	7,847	5,500	2,485	11,050	25,180	27,053	264,770
1919	20,573	32,042	10,670	13,944	12,532	30,094	10,321	9,221	5,497	11,740	10,055	10,787	193,133
1920	17,639	20,318	22,022	19,475	11,655	11,272	3,651	2,063	4,849	7,409	22,800	41,421	184,764
1921	70,101	39,089	36,389	20,997	18,048	14,102	7,290	5,155	7,544	10,055	10,343	11,876	262,549
1922: <sup>3</sup>													
Crude	6,511	5,382	5,575	2,317	560	122	368	90	107	1,383	3,685	5,061	31,712
Refined	4,916	3,710	4,030	1,817	2,283	2,062	1,317	1,079	3,532	3,253	9,160	5,785	43,591
1923:													
Crude	4,977	3,571	2,254	2,910	897	175	127	402	372	4,682	6,132	5,642	27,782
Refined	3,530	2,401	2,146	2,155	1,805	1,521	1,076	1,307	1,028	1,260	1,482	1,425	21,826
1924:													
Crude	2,828	2,148	2,720	1,391	861	400	1,106	598	144	529	1,765	4,361	18,046
Refined	1,306	1,059	1,280	1,467	1,574	898	844	851	681	1,041	7,562	5,111	24,304
1925:													
Crude	6,383	2,020	3,015	840	1,353	1,343	327	1	923	4,682	6,132	5,929	33,554
Refined	2,529	1,661	1,739	1,322	1,280	3,079	1,090	2,818	2,594	2,981	3,071	3,228	28,802
1926:													
Crude	5,141	5,006	3,477	3,451	1,320	230	360	133	363	1,234	3,546	3,078	27,357
Refined	2,144	1,714	824	687	327	330	335	160	397	1,335	1,600	3,622	13,544

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Not separately reported, subsequent to December, 1922.

<sup>3</sup> Prior to 1922, cottonseed oil not reported separately as "crude" and "refined."

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 36.—Domestic exports of flaxseed and linseed oil from the United States, by months

FLAXSEED													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 <sup>1</sup> lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	1	5	30	12	2	1	2,512	7,170	6,118	1	2	1	15,855
1919	303	73	4	7	4	4	1	25	1	74	275	158	929
1920	264	353	41	15	135	5	3	5	29	1	1	30	882
1921	1	3	2	2	3	1	1	—	( <sup>1</sup> )	2	2	2	19
1922 <sup>2</sup>	114	1	1	1	3	1	1	2	1	4	1	3	133

LINSEED OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 <sup>1</sup> lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	3,481	3,533	2,256	1,017	441	297	353	134	136	119	170	84	11,931
1919	643	1,315	2,094	945	477	723	587	827	1,262	1,474	740	473	11,268
1920	500	352	463	734	597	509	407	320	294	321	336	533	5,306
1921	715	247	215	220	321	281	225	371	229	283	174	231	3,512
1922	204	191	235	214	188	199	281	287	213	209	272	210	2,703
1923	273	231	303	237	254	335	245	233	237	172	325	168	3,013
1924	252	201	171	258	143	193	186	374	152	136	143	148	2,487
1925	281	181	227	220	255	302	195	289	202	150	140	245	2,487
1926	198	193	120	346	128	159	111	813	160	97	119	154	2,567

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Not separately reported subsequent to December, 1922.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 37.—Domestic exports of lard, lard neutral, and lard compounds and other substitutes for lard from the United States, by months, 1913, 1919-1926

LARD													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	44,281	61,221	40,226	42,114	48,788	41,961	39,567	41,025	37,983	30,460	42,661	48,497	536,180
1919	37,850	68,973	97,239	86,556	55,001	114,329	68,192	40,033	36,968	41,617	42,106	63,646	760,902
1920	38,824	30,645	69,430	49,758	55,545	45,070	47,061	131,021	46,325	54,174	57,316	90,086	612,250
1921	76,185	91,811	82,617	53,275	48,604	67,656	83,329	87,411	104,741	56,886	51,855	64,542	898,942
1922	73,194	75,520	64,377	42,459	50,817	57,249	60,058	68,967	61,120	65,322	62,321	78,599	766,650
1923	107,786	89,656	100,137	85,475	93,190	64,605	60,479	83,758	83,630	76,378	74,251	98,578	1,035,382
1924	132,758	95,010	106,726	78,307	62,648	60,475	80,788	75,037	65,810	60,813	60,120	76,803	944,095
1925	78,440	60,363	63,280	44,446	71,135	50,769	40,415	45,740	62,646	44,746	39,978	88,840	688,829
1926	76,676	65,350	64,259	63,160	58,154	56,482	45,374	54,273	61,377	46,083	43,483	62,680	698,961

LARD NEUTRAL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	0,178	5,187	5,410	3,340	2,189	2,270	4,113	2,157	2,127	1,940	2,820	1,583	30,312
1919	81	153	3,563	5,573	1,853	2,865	2,582	2,043	1,446	1,734	771	293	22,857
1920	595	525	3,672	2,938	4,598	2,104	1,883	1,178	1,872	1,172	1,093	1,208	23,238
1921	3,025	2,844	1,067	1,163	2,703	2,238	1,471	2,610	2,789	1,184	738	1,513	23,951
1922	1,279	2,571	1,256	1,276	1,176	1,709	2,180	1,693	1,598	1,763	1,478	2,516	20,497
1923	3,371	2,481	2,054	3,126	2,144	1,183	812	1,324	1,564	1,287	1,769	2,134	24,129
1924	3,306	2,480	2,220	2,041	2,832	2,397	2,397	1,800	1,483	1,209	2,441	2,027	27,365
1925	2,168	1,113	970	1,571	1,373	1,393	2,231	1,816	1,761	1,824	930	1,828	18,854
1926	2,128	1,242	1,730	1,759	1,713	1,132	1,243	1,202	1,285	1,559	1,479	1,642	18,116

TABLE 37.—Domestic exports of lard, lard neutral, and lard compounds and other substitutes for lard from the United States, by months, 1913, 1919-1926—Con.

LARD COMPOUNDS AND OTHER SUBSTITUTES FOR LARD

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	6,125	6,519	6,727	6,072	5,138	4,193	3,655	3,231	3,170	6,859	7,459	4,602	63,700
1919	4,870	6,376	5,682	22,611	44,820	12,985	6,363	7,421	5,186	3,134	2,673	2,605	121,903
1920	1,951	2,417	2,803	2,271	3,492	3,706	1,983	1,419	1,565	2,254	3,293	1,689	32,951
1921	5,717	3,607	4,311	3,100	4,353	4,900	4,153	3,209	3,322	4,026	4,106	2,473	46,207
1922: <sup>1</sup>													
Animal	1,866	1,630	1,573	1,448	1,655	1,497	1,071	1,196	1,325	1,503	1,306	735	16,286
Vegetable	2,701	1,979	3,641	3,341	900	1,612	1,262	738	2,650	2,939	3,289	782	25,478
1923: <sup>1</sup>													
Animal	669	600	672	671	426	550	650	430	430	630	806	544	7,541
Vegetable	533	360	3,966	430	626	551	412	462	615	477	537	790	9,617
1924: <sup>1</sup>													
Animal	459	631	602	625	414	599	495	503	384	783	1,393	473	7,382
Vegetable	408	897	731	105	912	292	700	450	261	471	1,813	490	6,089
1925: <sup>1</sup>													
Animal	649	431	1,177	951	713	970	1,238	1,813	1,350	1,491	1,561	1,705	14,091
Vegetable	512	460	553	608	697	491	508	869	778	1,155	845	901	8,223
1926: <sup>1</sup>													
Animal	1,229	1,577	1,442	653	481	376	592	180	470	1,066	1,242	1,258	10,681
Vegetable	561	779	910	363	546	360	358	503	623	719	928	730	7,580

<sup>1</sup> Lard compounds of animal and vegetable origin.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 38.—Domestic exports of oleomargarine, oleo oil, and oleo stock from the United States, by months, 1913, 1919-1926

OLEOMARGARINE<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1913	260	161	265	274	350	202	295	270	221	348	242	190	2,417
1919	639	4,135	443	3,573	3,601	2,077	876	1,533	1,609	1,545	1,126	1,201	22,040
1920	1,375	2,123	5,323	1,877	980	370	380	767	557	493	690	603	10,558
1921	676	485	462	325	173	163	125	151	190	259	238	190	3,320
1922: <sup>1</sup>													
Animal	190	126	152	122	177	110	181	58	189	222	182	128	1,813
Vegetable	81	9	10	11	8	26	23	49	21	31	30	17	334
1923: <sup>1</sup>													
Animal	151	211	277	247	81	160	94	280	114	73	81	74	1,702
Vegetable	1,341	23	115	58	17	2	8	122	10	17	25	7	1,745
1924: <sup>1</sup>													
Animal	57	36	52	73	61	67	92	74	48	53	59	52	774
Vegetable	6	33	2	3	38	1	1	9	6	8	12	9	127
1925: <sup>1</sup>													
Animal	52	71	68	47	77	43	37	52	44	40	48	48	427
Vegetable	4	4	66	3	15	18	5	8	7	8	5	5	145
1926	167	74	370	246	45	39	86	30	105	55	89	129	1,452

OLEO OIL

1913	5,209	5,628	10,191	8,251	11,404	14,655	9,400	7,440	7,823	6,524	7,033	7,079	109,747
1919	5,553	4,453	4,155	7,607	2,810	12,366	3,737	8,188	6,731	6,810	7,097	6,000	75,585
1920	3,515	3,256	6,591	7,704	10,303	4,030	3,833	3,743	5,810	10,580	7,402	6,943	74,368
1921	15,088	9,251	8,343	12,220	13,145	9,952	13,091	13,100	11,665	8,328	6,530	6,970	127,978
1922	4,780	8,018	10,153	8,696	13,026	12,294	10,109	8,180	8,333	8,469	10,400	6,508	160,387
1923	9,339	7,527	10,419	8,310	8,918	8,619	5,689	10,975	8,498	8,461	6,714	5,877	98,555
1924	9,512	6,897	3,059	6,631	8,809	7,696	8,729	8,032	9,582	10,411	9,267	5,971	99,380
1925	6,267	5,568	13,535	7,955	10,720	8,561	7,059	7,330	5,654	5,085	5,250	8,142	91,972
1926	6,248	5,704	10,527	9,147	9,690	9,067	7,151	6,478	9,407	8,236	7,498	7,039	90,602

OLEO STOCK<sup>2</sup>

1922	1,161	1,360	1,153	1,411	1,739	1,748	1,554	607	987	1,615	1,542	457	15,596
1923	781	463	708	902	1,583	951	1,073	973	1,040	589	403	736	10,301
1924	466	519	1,086	1,212	1,111	2,128	1,300	1,223	2,256	1,570	530	380	13,797
1925	856	670	1,447	1,354	1,240	2,280	903	931	1,083	409	385	561	12,187
1926	560	341	1,530	1,062	2,123	1,858	533	743	1,531	934	853	552	12,150

<sup>1</sup> For years 1913-1921 and 1926 oleomargarine was not segregated as to animal or vegetable origin.

<sup>2</sup> Not separately reported prior to January, 1922.

Compiled from the Monthly Summary of Foreign Commerce of the United States.



TABLE 39.—Domestic exports of peanuts and peanut oil from the United States, by months

PEANUTS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913.....	487	728	433	1,036	441	324	812	733	638	828	622	628	7,710
1919.....	271	1,547	3,038	2,707	914	1,455	1,451	2,300	1,477	2,352	1,066	1,050	10,778
1920.....	774	732	950	563	485	877	774	654	749	595	1,117	1,090	9,366
1921.....	1,074	1,430	1,570	1,016	1,170	1,200	783	900	1,126	1,426	661	1,348	14,403
1922.....	1,053	897	1,267	1,284	663	1,347	1,167	1,169	929	1,086	961	725	12,561
1923.....	446	603	426	381	374	341	251	411	302	304	342	541	4,806
1924.....	330	314	321	237	287	314	290	298	173	201	293	174	3,127
1925.....	212	176	203	199	216	537	210	262	372	221	438	438	3,480
1926.....	305	381	270	163	348	213	451	467	627	416	308	253	4,232

PEANUT OIL

1919.....							547	1,632	229	372	784	778	4,342
1920.....	378	172	24	1	1	4	117	65	1	7	24	631	1,425
1921.....	263	27	136	84	150	91	103	246	155	292	25	137	1,708
1922.....	260	26	364	31	106	16	85	5	3	4	22		963
1923.....	48	1	3	11	4	2	1	1	4	61	66	1	203
1924.....	( <sup>1</sup> )	3	1	22	9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4	( <sup>3</sup> )			30

<sup>1</sup> Not separately reported prior to July, 1910.  
<sup>2</sup> Not separately classified; included in "Other vegetable fats and oils" subsequent to October, 1924.  
<sup>3</sup> Less than 500 pounds.  
 Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 40.—Domestic exports of tallow, lard oil, and neat's-foot oil from the United States, by months

TALLOW<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913.....	4,174	4,681	2,228	2,531	1,427	2,781	3,307	2,078	1,221	1,045	1,301	961	28,235
1919.....	421	499	1,140	4,692	2,702	5,043	4,390	6,581	6,785	2,568	1,345	2,619	38,951
1920.....	1,135	1,885	2,082	613	1,007	1,968	2,327	1,900	947	1,012	1,659	3,197	20,692
1921.....	1,326	833	1,019	460	426	778	1,239	1,340	3,320	1,604	751	697	18,798
1922.....													
Edible.....	94	202	161	215	231	105	81	350	273	267	249	148	2,376
Medi- cable.....	1,784	1,572	4,117	2,282	3,432	4,487	2,488	2,007	1,869	1,451	1,400	2,091	20,690
1923.....													
Edible.....	184	11	100	23	18	269	212	118	157	46	43	83	1,204
Medi- cable.....	1,284	1,309	1,614	1,593	2,428	4,218	5,923	5,077	3,116	3,163	3,219	981	33,025
1924.....													
Edible.....	1	57	85	123	08	121	46	30	115	160	113	1	989
Medi- cable.....	1,550	2,531	2,820	2,858	2,950	1,992	3,412	3,168	4,071	3,312	2,865	1,486	32,973
1925.....	1,186	693	2,037	2,066	1,329	2,419	1,297	1,369	1,513	1,276	1,012	1,058	17,514
1926.....	572	885	550	592	1,034	1,416	551	1,281	1,122	739	1,196	1,011	10,628

LARD OIL

1913.....	96	55	77	54	130	90	61	68	20	91	92	33	875
1919.....	90	10	66	26	150	168	50	213	119	126	24	27	1,087
1920.....	15	116	63	4	128	30	45	5	76	81	64	28	667
1921.....	268	18	40	18	75	8	5	32	2	16	99	63	580
1922.....	60	17	12	81	63	38	105	100	83	31	21	89	760
1923.....	91	45	63	62	21	36	85	13	160	52	56	61	736
1924.....	67	27	22	36	43	92	43	47		39	26	21	475

NEAT'S-FOOT OIL<sup>1</sup>

1922.....	170	71	70	31	87	42	52	180	162	60	111	103	1,148
1923.....	103	117	122	50	83	77	108	46	94	102	113	125	1,145
1924.....	81	154	98	252	125	56	205	74	150	225	311	98	1,824
1925.....	169	94	153	104	53	122	100	68	85	163	144	179	1,431
1926.....	91	51	82	92	163	84	92	87	98	141	78	84	1,083

<sup>1</sup> Prior to 1922, edible and inedible tallow were not reported separately.  
<sup>2</sup> Classified as "tallow," not separately reported as to edible or inedible.  
<sup>3</sup> Not separately classified subsequent to 1924; included in "Other animal oils."  
<sup>4</sup> Neat's-foot oil not separately reported prior to 1922.  
 Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 41.—Domestic exports of whale oil, cod and cod-liver oil and other fish oils from the United States, by months, 1913, 1919-1924

WHALE OIL<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1922	6	2	63	1	(?)	171	(?)	63	(?)	1	1	272	563
1923	1	2	63	5	1	13	2	14	1	617	1	3	723
1924	2	10	(?)	10	9	-----	1	2	2	(?)	8	49	93

COD AND COD-LIVER OIL<sup>1</sup>

1922	19	20	61	43	70	72	10	20	30	30	24	49	457
1923	15	25	31	31	31	17	26	11	16	23	15	9	251
1924	23	30	20	31	24	29	15	21	15	58	20	100	384

## OTHER FISH OILS

1913	666	670	1,462	990	2,053	529	1,031	1,034	271	142	37	21	8,906
1919	56	57	87	25	35	386	1,163	1,734	275	3,495	43	551	5,142
1920	75	127	1,226	127	236	747	213	32	34	235	35	122	3,212
1921	83	39	24	20	16	20	14	33	192	384	21	40	895
1922	19	16	50	75	554	691	412	2,608	31	65	67	111	4,695
1923	25	26	56	21	40	44	277	16	47	56	107	35	750
1924	22	46	62	27	14	60	29	8	55	16	29	21	395

<sup>1</sup> Not separately reported prior to January, 1922.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Not separately classified subsequent to 1924; included with "Other animal oils."

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 42.—Domestic exports of oilseeds and coconut oil from the United States, by months, in stated years

OIL SEEDS<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1923	184	144	304	142	42	126	12	12	3	125	780	710	2,584
1924	958	581	497	200	66	160	36	147	67	205	25	346	3,268
1925	428	119	726	837	169	65	270	223	195	120	315	210	3,686
1926	558	1,001	113	197	5	26	52	113	137	117	82	51	2,452

## COCONUT OIL

1919 <sup>2</sup>							21,539	24,150	21,954	23,295	12,917	14,757	118,612
1920	8,063	4,818	3,345	2,501	3,614	698	985	527	492	556	380	278	29,695
1921	491	402	307	559	642	360	945	407	688	1,123	320	304	7,488
1922	1,374	1,010	865	1,036	865	957	1,196	1,845	1,687	1,725	954	1,058	12,972
1923	1,961	736	1,087	664	663	1,017	1,280	1,489	2,328	1,784	1,904	1,649	16,562
1924	835	1,105	1,301	1,184	2,016	1,942	1,606	1,586	1,445	1,215	2,175	945	16,961
1925	1,214	1,083	1,857	1,418	1,432	1,953	1,794	1,727	1,073	1,316	1,286	1,848	17,991
1926	850	1,090	1,443	705	1,250	1,022	1,074	1,266	1,488	1,921	1,653	1,211	15,992

<sup>1</sup> Includes all oilseeds exported.<sup>2</sup> Not separately reported prior to July, 1919.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 43.—Exports of vegetable and animal and fish oils from the United States, 1913, 1919-1926

VEGETABLE OILS

Oil	1913	1919	1920	1921	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Chinese nut (tung).....	182	2,493	2,883	810	2,703	3,463	2,213	2,567	5,579
Cocunut.....	260	7,955	3,006	2,602	2,799	4,204	2,774	1,862	3,670
Cottonseed.....	35	211	34	5					
Linseed.....	(1)	53	2	5					
Olive, edible.....	56	485	448	197	67	70	112	343	108
Olive, inedible.....				37	7				
Olive foots.....	4	156	25	144	28				
Palm.....	47	254	136	386	801	1,696	1,647	3,586	2,701
Palm kernel.....	230	5	2	7	40	84	10,201	1,600	317
Peanut.....	16	92	20	428					
Rapeseed <sup>1</sup> .....		1	1						
Soy bean.....	37	17,833	3,228	511	410	172	277	1,747	545
All other <sup>1</sup> .....	65		31	166	17	1,085	1,626	1,857	1,280
Total.....	932	29,538	9,862	5,277	6,961	10,774	18,850	13,652	14,108

ANIMAL AND FISH OILS

Fish oils.....	376	400	80	146	248	76	63	31	1,301
All other.....		32	63	(1)	150	439	80	292	266
Total.....	376	441	143	146	398	515	143	323	1,567

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Reexports of rapeseed oil reported only for January, 1919, and December, 1920.

<sup>3</sup> Data for 1913-1922 for cocoa butter only. All other vegetable oils reported in value only prior to 1923.

Compiled from annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce, and from the Monthly Summary of Foreign Commerce of the United States, Part II, December, 1924, 1925, and 1926.

TABLE 44.—Exports of cod and cod-liver oil, and fish oils from the United States, by months, 1913, 1919-1926

COD AND COD-LIVER OIL

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1919.....	364	(1)	(1)	3		1			16		2	3	400
1920.....	3	1	(1)	(1)	3	10	17	2	(1)	27	8	(1)	80
1921.....	3	5	23	3	2	11	7	22	33	8	25	4	146

FISH OILS<sup>2</sup>

1913.....	15	94	85	3	17	13	26	16	25	60		2	364
1919.....		(1)	(1)		(1)	28	(1)	(1)	4	(1)		(1)	32
1922.....	6	(1)	11	143	38	2	24	1	10	3	3		248
1923.....	23	9	14	1	4	1	4	2	10	3	4	1	79
1924.....	3	10	11	4	3	1	27	2	2		1	(1)	64
1925.....	2	(1)	1	1	3	2	1	1	9	3	4	4	31
1926.....	5	11	48	54	14		1	(1)	3	2	3	1,160	1,301

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Not separately reported subsequent to 1921.

<sup>3</sup> Prior to 1922 reported as "Other animal and fish oils." Total for 1920 was 63,000 pounds. Total for 1921, less than 500 pounds.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 45.—Reexports of copra and coconut oil from the United States, by months, 1913, 1919-1926

COPRA													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913													33
1919	28			5,284	400	4,017	3,365	4,344	2,342	4	9	20	20,780
1920	1		295		19		135	78	170	56		237	1,011
1921	1,588		( <sup>1</sup> )	3		599	60	91	55	159		194	2,729
1922	102		( <sup>1</sup> )	60	3	155	224	1	224	37		307	1,113
1923		400					669	377	277			591	3,079
1924		448			384	354	205					417	2,448
1925	498		647	229	261		643	508		184		589	3,843
1926	255	353	313	552	1,087	800	202		898	2		40	4,002

## COCONUT OIL

1913	22	8		6	30	1	56	82	12	9		21	260
1919		22	( <sup>1</sup> )	368	45	5,795	94	1,088	393	202	15	5	7,955
1920	1,820	175	26	78	138	127	89	180	86	52	58	140	3,006
1921	114	288	291	410	6	366	23		953	91		50	2,682
1922	469	137	370	246	65	320	58	46	128	302	434	224	2,769
1923	37	78	317	1,443	1,043	977	63	129	123				4,254
1924	124	130	393	872	12		1	547	124	183	50	528	2,774
1925	120	4	372	180	466	62	185		1	122	158	248	1,802
1926	237	297	40	61	64	826	67	124	344	120	617	887	3,070

<sup>1</sup> Less than 500 pounds.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 46.—Reexports of palm oil, Chinese nut oil, and edible olive oil from the United States, by months, 1913, 1919-1926

## PALM OIL

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913	1	2	3										47
1919		1		38	4	2	5	101	( <sup>1</sup> )	5	17		254
1920				2	107				5	45		12	130
1921		73		4		54	36	100	112	7			388
1922	2	3	1	17	33	37	346	66	126	56	1	39	721
1923	122	111	238	183	281	183	72	259	7	72	167	2	1,695
1924	83	153	66	2	195	119	66	17	85	263	412	243	1,647
1925	897	798	80	6	83	117	261	42	221	329	484	418	3,586
1926	260	448	587	278	109	273	100	27	246	87	24	160	2,761

## CHINESE NUT OIL

1913	8	1	6	4	3	28	3		25		32	55	182
1919	474	23	202	27	29	980	68	127	270	190	98	80	2,493
1920	15	378	346	96	107	247	163	334	408	160	266	267	2,883
1921	64	56	63	12	65	5	135	10	110	124	73	182	819
1922	165	273	302	339	60	161	342	59	315	69	123	218	2,763
1923	628	414	38	325	84	153	91	271	225	893	178	155	3,403
1924	198	36	316	147	249	82	115	190	48	467	156	209	2,213
1925	25	276	546	254	113	235	247	192	171	318	210	68	2,597
1926	342	161	438	458	991	382	768	481	292	898	349	189	5,579

## OLIVE OIL, EDIBLE

1913	( <sup>1</sup> )	4	1	3	2	8	14	10	( <sup>1</sup> )	5	2	7	56
1919	4	1	4	41	32	32	50	57	35	80	31	109	485
1920	44	35	46	12	43	140	40	21	15	21	7	14	448
1921	20	10	15	13	18	25	12	44	7	18	7	8	197
1922	6	3	18	2	6	6	4	3	5	8	1	6	67
1923	2	2	5	9	13	7	1	0	5	8	7	2	70
1924	4	13	13	4	8	12	19	2	5	2	17	13	112
1925	3	6	20	4	7	24	3	10	6	242	5	4	343
1926	4	29	23	2	6	6	7	4	0	10	0	3	106

<sup>1</sup> Less than 500 pounds.<sup>2</sup> 1923 and subsequent years include palm-kernel oil.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 47.—Receipts of peanuts and peanut oil from the United States, by months, 1913, 1919-1926

PEANUTS													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913	27	133			25	24	43	71	218	52	5	15	612
1919	33	24			(1)	27		1		38	125	20	268
1920	41	(1)	50	148	(4)	264	51	192		30	123	3	911
1921	111	75	38	1	(1)	3	35	20	9	11	28	17	348
1922	5	2		(1)	45	14	(1)	5	168	128	163		473
1923	(1)	(1)	8	164	74	134	42	97	234	159	143	67	1,122
1924	47	52	200	320	313	61	45	267	240	225	189	22	1,991
1925	254	240	280	401	408	1,139	348	169	607	249	285	240	4,729
1926	125	343	957	1,102	543	282	280	250	204	254	377	321	4,857

PEANUT OIL													
1913					5						6	5	16
1919	(1)	4	4	3	1	2		1	(1)	12	63	1	92
1920		3	1	1	5	2	1	1	2	4	4	3	29
1921	60	1	7	135	8	5	3	135	4	5	5	4	428
1922	2	3	4	6	5	1	2	2	2	2	8	4	46
1923	2	(1)	1	5	4	6	1	1	1	52	7	3	84
1924	1	1	5	4	1	(1)	1	1	2	1	4	10,180	10,201
1925	2	1	1	1	4	1,501	165	2	4	3	3	5	1,690
1926	2	5	7	2	2	13	2	3	4	245	31	1	317

<sup>1</sup> Less than 500 pounds.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 48.—Receipts of soy-bean oil from the United States, by months, 1913, 1919-1926

SOY-BEAN OIL													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913	10	7	12	2	2	1							36
1919	1,170	734	2	829	3,191	4,819	3,023	1,303	1,496	977	120	74	17,833
1920	433		1,352	67	680	184	162	124	151	2	2	121	3,223
1921		(1)	62	185	1		37		206				511
1922		60	1	2							351	5	419
1923	142				1	9	17	1	(1)	2	(1)	(1)	172
1924	2		3	9	9		2	2	257	(1)	(1)	2	277
1925			64	62	245	463	185	416	307	2	1	1	1,749
1926	60	61	61	16						127	158	62	545

<sup>1</sup> Less than 500 pounds.

Compiled from the Monthly Summary of Foreign Commerce of the United States.

TABLE 49.—Exports of green soy beans from China, by countries, 1913, 1917-1925

Country to which consigned	1913	1917	1918	1919	1920	1921	1922	1923	1924	1925
United States, including Hawaii.....	1,000 pounds 37	1,000 pounds 51	1,000 pounds 5	1,000 pounds 68	1,000 pounds 22	1,000 pounds 1	1,000 pounds 121	1,000 pounds 1,078	1,000 pounds 61	1,000 pounds 70
Great Britain.....	3,813									
Germany.....	113						2,226			
Belgium.....	148									
France.....	107				22				2	
Russia.....	640		3	30		281				
Russia and Siberia by land frontier.....							3			
Russia, Amur ports.....							246	32		
Russia, Pacific ports.....							223	36	74	509
Hong Kong.....	16,193	6,657	6,406	50,432	13,851	9,284	8,570	13,204	15,100	18,443
Macao.....		1					1			
Japan, including Formosa.....	14,800	6,417	12,529	32,431	25,092	20,601	20,327	40,304	49,805	68,068
Korea.....	179			4,063	1,217	327	3,631	6,360	8,809	8,017
Singapore, Straits Settlements, etc.....	1,463	734	1,162	3,205	4,270	2,189	4,593	5,854	4,316	4,467
Dutch Indies.....	307	111	837	1,410	863	1,715	3,552	1,440	680	2,021
British India.....	6,588	88	575	24,123	8,974	5,061	3,463	2,051	1,351	1,693
French Indo China.....	2				30			959	120	74
Siam.....	13	20	31	50	112	143	27		90	92
Philippines.....				64			30	157	183	516
Northern Africa and Levant.....										1,733
Total.....	45,339	14,179	21,946	121,501	55,076	45,639	56,306	81,280	81,007	106,283

Data for years prior to 1922 compiled from Wrenn, J. E., *World Trade in Vegetable Oils and Animal Fats*, Bur. Foreign and Dom. Com., Misc. Ser. 123, 214 p., illus. 1923; 1922-1925 from the Chinese maritime custom reports.

TABLE 50.—Exports of black soy beans from China, by countries, 1913, 1917-1925

Country to which consigned	1913	1917	1918	1919	1920	1921	1922	1923	1924	1925
United States, including Hawaii.....	1,000 pounds 4	1,000 pounds 4	1,000 pounds 2	1,000 pounds 7	1,000 pounds 12	1,000 pounds 7	1,000 pounds 7	1,000 pounds 7	1,000 pounds 7	1,000 pounds 7
Germany.....						2				
Russia.....		4				12				
Russia, Amur ports.....								7		
Hong Kong.....	5,749	3,275	5,388	3,431	2,804	4,834	4,035	3,738	5,467	4,091
Macao.....		1	2		3			1		
Japan, including Formosa.....	1,677	555	3,043	4,533	3,675	6,105	6,701	9,302	13,781	10,290
Korea.....					5					
Singapore, Straits Settlements, etc.....	1,907	1,122	978	1,014	1,393	762	1,144	1,170	1,325	1,278
Dutch Indies.....	3,007	3,029	2,846	1,002	1,199	1,941	4,382	3,571	2,416	3,297
British India.....	1									( <sup>1</sup> )
French Indo China.....								36	3	( <sup>1</sup> )
Siam.....	181	353	313	455	523	471	661	600	731	700
Philippines.....			11	22		1	10			
Total.....	12,522	8,340	13,481	10,457	9,579	14,128	16,037	18,425	23,723	25,656

<sup>1</sup> Less than 500 pounds.

Data for years prior to 1923 compiled from Wrenn, J. E., *World Trade in Vegetable Oils and Animal Fats*, Bur. Foreign and Dom. Com., Misc. Ser. 123, 214 p., illus. 1923, and for 1923-1925 from the Chinese maritime custom reports.

TABLE 51.—Exports of yellow soy beans from China, by countries, 1913, 1917-1925

Country to which consigned	1913	1917	1918	1919	1920
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada.....					19
United States, including Hawaii.....	57	2,303	2	2	119
Great Britain.....	4,446		72	164,806	38,080
Germany.....					
Belgium.....				460	
France.....	22	1	338	2	
Italy.....					225
Netherlands.....				4,461	397
Denmark.....	9,012	69,371	19,186	101,438	62,848
Sweden.....				24,955	4,422
Russia.....	591,207	757,592	183,072	205,595	78,136
Hong Kong.....	49,157	34,309	49,210	25,898	23,793
Macao.....		1			
Japan, including Formosa.....	210,296	132,035	518,858	714,728	664,880
Korea.....	656	3,271	23,671	27,785	19,080
Singapore, Straits Settlements, etc.....	10,870	10,044	8,013	10,430	14,935
Dutch Indies.....	95,442	41,401	44,688	51,488	84,876
British India.....	8	3			
French Indo-China.....	2	1,653	291	3,600	8,447
Siam.....	1,378	4,284	586	861	1,719
Philippines.....	2		562	592	108
Australia, New Zealand, etc.....			2		
Northern Africa and Levant.....	6,719			159,930	52,493
Total.....	680,243	1,056,985	849,460	1,496,947	1,085,577

Country to which consigned	1921	1922	1923	1924	1925
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada.....	74	10	20	10	5
United States, including Hawaii.....		6,625	1,133	433	187
Great Britain.....	40,384	70,890	52,390	84,926	9,861
Germany.....	22,651	2,884	11,510	48,993	34,532
Belgium.....					1
France.....				12	1
Italy.....	7			22	
Netherlands.....	5,040	8,915	46,581	149,827	107,910
Denmark.....	7,878	11,010	29,453		
Sweden.....	26,838	11,256	4,479	15,370	8,740
Russia.....	350,830				
Russia and Siberia by land frontier.....		171	712		
Russia, Amur ports.....		773	13,877		165
Russia, Pacific ports.....		779,185	774,390	1,224,240	1,066,865
Hong Kong.....	40,958	38,240	36,957	43,106	36,804
Macao.....	1	14			
Japan, including Formosa.....	433,301	409,757	752,871	794,561	716,275
Korea.....	30,552	18,863	82,571	96,490	62,104
Singapore, Straits Settlements, etc.....	15,543	13,895	20,068	22,141	23,301
Dutch Indies.....	158,148	236,759	165,293	166,440	158,172
British India.....		1			37
French Indo-China.....	3,135	3,313	1,961	3,258	1,664
Siam.....	1,664	2,010	2,650	2,376	1,543
Philippines.....	260	938	420	620	1,879
Northern Africa and Levant.....	91,140	45,104	99,563	168,995	194,369
Total.....	1,237,452	1,601,231	2,086,976	2,820,144	2,424,400

† Hawaii not included.

Data for years prior to 1922 compiled from Wrenn, J. E., *World Trade in Vegetable Oils and Animal Fats*, Bureau of Foreign and Domestic Commerce, Misc. Ser. 123, 214 p., illus. 1923, and for 1922-1925 from the Chinese maritime customs reports.

TABLE 52.—Exports of green and yellow soy beans from Hong Kong, by countries, 1918-1925

Country to which consigned	1918	1919	1920	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada	117	240	168	182	194	180	310	115
United States	692	1,282	1,758	1,237	1,037	2,009	2,019	972
Cuba			31	22	52	33	59	24
West Indies	12	9		1	8	2	4	1
Central America	21	30		32	20	40	36	25
South America	21	51		30	21	118	28	22
United Kingdom	12	14	12	3	9	8	9	4
Netherlands, East Indies	3,244	886	3,508	4,186	1,554	1,307	639	419
North China	6	1	4	90			36	
Middle China	571	909	515	818	840	801	1,093	110
Middle China, by junk	309	398	402	925	275	1,111	886	628
South China	5,223	6,953	8,281	9,664	10,024	11,896	10,002	3,103
South China, by junk	25,065	2,787	2,068	2,543	2,872	2,982	3,385	1,380
South China, by rail	4		1	6	100	131	3	1
Japan, Korea, and Formosa	6	66	56	100	21	15	47	10
Straits Settlements	6,371	34,673	17,097	17,178	12,486	9,111	10,489	4,553
India and Ceylon	96	8,078	1,634	1,003	7	8	4	5
Burma	358	349	273	340	443	470	451	250
British North Borneo	210	187	185	330	276	196	194	84
French Indo China	550	1,383	2,344	542	4,032	5,562	7,022	5,663
Siam	485	2,384	1,752	1,022	2,072	1,434	3,750	2,022
South Africa		2		4		2	(3)	
Mauritius		31		48	44	51	64	14
Philippine Islands	1,518	1,002	3,542	2,610	2,023	4,585	4,050	2,300
Australia	63	54	37	57	60	80	80	39
New Zealand	4	6		10	10	9	8	5
Other		91	94	13	3	3	4	2
Total	45,072	62,470	42,823	42,645	39,614	42,312	46,477	21,700

<sup>1</sup> Other British possessions.

<sup>2</sup> Less than 500 pounds.

Compiled from Hong Kong trade reports.

TABLE 53.—Exports of soy-bean oil from China, by countries, 1918, 1917-1925

Country to which consigned	1913	1917	1918	1919	1920	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada			531	1,255		1,000	95	118		50
United States, including Hawaii	2,512	109,842	254,602	87,270	62,684	15,506	15,494	47,566	16,300	18,370
Great Britain	5,160			34,343	11,334	18,308	32,801	78,353	69,521	67,533
Germany	1,029			23	3,564	4,779	12,902	11,546	6,082	6,204
Belgium	24,625			2,051	3,137	5,107	5,918	11,231	2,018	5,451
France	66	1,011	284	7,712	1,428				015	45
Italy				224	5,456	1,450	8,037	2,309	17,760	35,617
Netherlands	1,040			9,409	83,092	43,811	20,814	43,466	33,431	25,371
Norway							70		60	
Sweden	3,077			14,483	6,610	1,060	3,200	1,894	346	112
Denmark	247			2,117	9,030	3,173	4,739	1,878		
Austria-Hungary				11	22		70	1,233		
Russia	11,527	9,260	2,640	4,370	1,079	0,512				
Russia and Siberia by land frontier							3,003	1,812	534	458
Russia, Amur ports							2,270	175		
Russia, Pacific ports							29,046	30,051	81,296	67,485
Hongkong	5,154	78	427	550	379	840	1,080	2,076	1,170	1,219
Macao				19						
Japan, including Formosa	9,021	36,438	11,600	83,854	37,749	6,812	771	831	320	253
Korea	401	4,925	3,148	1,912	705	1,050	951	1,045	1,016	964
Singapore, Straits Settlements, etc.	200						8	224		15
Dutch Indies	1,507							2		9
French Indo China										
Siam	2						12			
Australia, New Zealand, etc.		3			11				45	14
Northern Africa and Levant				54,060	623	39,822	50,532	37,013	50,094	35,063
Total	65,574	252,174	303,615	314,876	228,408	153,110	197,310	283,520	282,803	265,240

<sup>1</sup> Not including Hawaii.

Data for years prior to 1922 compiled from Wrenn, J. E., World Trade in Vegetable Oils and Animal Fats, Bureau of Foreign and Domestic Commerce, Misc. Ser. 123, 214 p., illus., 1923. For 1922-25 from the Chinese maritime customs reports.



TABLE 54.—Exports of soy-bean oil from Hong Kong, by countries, 1919-1925

Country to which consigned	1919	1920	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
British possessions other than Canada.....	0	10	1	13	5	5	5
Netherlands East Indies.....	17	118	77	421	784	608	360
South China, by junk.....	16	(1)	2	3	10	2	2
Japan, Korea, and Formosa.....	1	89	17	6	04	(1)	5
British North Borneo.....	5	2	17	12	15	23	8
French Indo-China.....	1	89	17	6	04	23	8
Australia.....	5	2	17	12	15	23	8
New Zealand.....	1	89	17	6	04	23	8
All other ?.....	1	89	17	6	04	23	8
Total.....	45	172	150	475	914	678	389

<sup>1</sup> Less than 500 pounds.

<sup>2</sup> Includes Canada; France; middle China; middle China, by junk; south China, by rail; Straits Settlements and Federated Malay States and Philippines.

Compiled from Hong Kong trade reports.

TABLE 55.—Exports of green soy beans from China by chief customs ports, 1913, 1917-1925

Origin, by customs port	1913	1917	1918	1919	1920	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
All China.....	137,048	72,149	67,789	182,008	194,217	137,413	181,895	140,147	141,619	188,599
Manchuria.....	33,970	32,844	20,592	40,262	44,709	62,472	93,560	88,352	84,842	130,840
China other than Manchuria.....	103,078	39,305	47,197	132,836	50,508	74,941	88,320	57,795	56,777	57,759
Manchuria:										
Dairen.....	2,192	16,324	13,938	33,152	28,047	31,249	40,745	51,188	48,842	96,787
Newchwang.....	31,778	16,519	12,430	12,420	14,192	30,778	42,021	30,314	25,879	23,035
Antung.....		1	174	3,615	1,570	329	9,100	0,611	8,883	10,434
Harbin <sup>1</sup> .....							1,560	82	1,293	513
Lungchingtsun.....						107	37	121	27	26
Aigun.....				75		0	04	30	8	45
Total.....	33,970	32,844	20,592	40,262	44,709	62,472	93,560	88,352	84,842	130,840
China other than Manchuria:										
Tientsin.....	17,055	6,568	15,264	78,814	7,775	50,224	62,612	36,886	33,030	22,537
Nanking.....	19,148	3,285	8,491	27,925	25,928	7,741	0,797	11,071	10,453	10,377
Chinkiang.....	17,064	1,728	1,704	10,173	13,115	4,177	2,648	3,002	4,372	6,041
Shanghai.....	22,341	1,109	2,002	12,260	6,080	1,351	1,308	1,740	731	2,772
Hankow.....	15,718	15,601	6,338	1,344	2,501	1,232	4,088	1,008	726	64
Kiukiang.....	4,292	6,248	2,563	954	3,113	3,751	7,099	2,002	799	2,456
Ningpo.....	4,477	5,368	3,338							38
Nanning.....	161	289	544	981	484	140	22	75	150	76
Chefoo.....	28	126	41	78	244	206	13	18	70	49
Wansien.....	14	22	83	28			11			
All other ?.....	2,979	526	40	224	150	110	341	43	437	1,340
Total.....	103,078	39,305	47,197	132,836	50,508	74,941	88,320	57,795	56,777	57,759

<sup>1</sup> 1921-1924 Harbin district. Includes Lalmusan, Manchouli, Jurlin, and Suifenho.

<sup>2</sup> Includes Chungsha, Wuhu, Ichang, Koumoon, Chungking, Lungkow, Shasi, Lungchow, Chinwangtao, Swatow, Klungechow, Kiangow, Amoy, Wenchow, Canton, Foochow, Kowloon, Kowloon (railroad traffic), Samshui, Wuchow, Lappa, Mengtz, Hangchow, and Yochow.

Compiled from annual Chinese maritime customs reports.

TABLE 56.—Exports of black soy beans from China by customs ports, 1913, 1917-1925

Origin by customs port	1913	1917	1918	1919	1920	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
All China	54,342	34,045	45,101	41,016	43,573	65,120	99,394	63,462	61,438	118,238
Manchuria	32,068	10,400	16,937	23,977	27,328	41,729	41,534	53,791	50,003	106,937
China other than Manchuria	22,274	17,645	31,254	17,038	16,250	23,400	58,410	9,671	10,475	11,301
Manchuria:										
Newchwang	31,563	12,137	13,682	21,807	23,849	29,028	30,965	41,682	33,695	77,435
Dairen	635	4,208	3,218	2,045	3,418	11,700	10,619	17,698	17,265	29,308
All other <sup>1</sup>		55	37	32	54	5		10	3	4
Total	32,068	10,400	16,937	23,977	27,328	41,729	41,534	53,791	50,003	106,937
China other than Manchuria:										
Pientsin	11,597	75	7,047	6,458	4,837	13,522	45,187	3,612	2,147	3,388
Nanking	5,520	5,373	5,543	6,635	6,750	3,025	1,021	1,070	1,794	1,432
Hankow	3,134	7,273	7,230	1,506	1,325	684	3,227	1,858	4,518	4,058
Kiukiang	1,175	3,183	4,078	1,118	2,574	5,338	4,607	1,177	143	1,463
Shanghai	955	652	529	828	1,455	523	430	993	1,318	471
Chefoo	130	372	427	150	102	40	57	17	180	51
Kiaochow		191	171	33		134	4	309		
Chinkiang					129	82	173	490	190	29
All other <sup>2</sup>	11	45	45	231	32	62	3,638	139	80	411
Total	22,274	17,645	31,254	17,038	16,250	23,400	58,410	9,671	10,475	11,301

<sup>1</sup> Includes Antung, Aigun, and Sansing

<sup>2</sup> Includes Nanking, S'chow, Amoy, Foochow, Wenchow, Canton, Kowloon, Lappa, Kowloon, Tengyueh, Chinwangtao, Shasi, Hangchow, and Wuchow.

Compiled from Chinese maritime customs reports.

TABLE 57.—Exports of yellow soy beans from China by customs ports, 1913, 1917-1925

Origin by customs port	1913	1917	1918	1919	1920
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
All China	1,180,651	1,425,861	1,114,094	1,735,596	1,553,736
Manchuria	990,071	1,254,146	980,950	1,525,475	1,405,973
China other than Manchuria	187,583	171,715	133,108	220,121	147,763
Manchuria:					
Dairen	232,648	349,747	623,438	1,138,470	1,081,635
Harbin <sup>1</sup>		6,842	2,786	3,677	527
Newchwang	113,981	60,058	43,822	114,531	88,056
Suifuho <sup>2</sup>	655,608	723,413	182,242	127,343	78,475
Antung	10,461	63,249	40,713	44,083	30,602
Lungchingtsun	419	312	5,716	9,261	11,203
Hunchow	2,534	686	4,974	6,537	1,280
Aigun		109	64	1	191
Tatungkow	95	1,323	1,033	891	1,229
Sansing	33,435	50,069	68,255	81,690	112,626
Manchoan <sup>2</sup>		822	15	48	147
Total	990,071	1,254,146	980,950	1,525,475	1,405,973
China, other than Manchuria:					
Hankow	50,239	111,716	70,943	161,406	79,075
Pientsin	17,178	769	19,118	57,321	8,000
Kiukiang	12,846	43,421	29,193	14,148	29,259
Nanking	70,488	282	1,238	14,340	7,754
Shanghai	23,676	1,351	1,770	12,091	4,374
Nanning	6,284	6,847	0,536	0,210	7,941
Wuhu	4,683	6,847	903	2,934	720
Mengtsz	2	1,552	261	3,465	7,994
Chinwangtao		202			
Chinkiang		327	1,548	2,265	1,557
Hangchow		21		135	464
Lungchow		6		506	
Ichang	404			122	90
Shasi	85				
Chefoo		405	55	43	
Swatow	144	5	1	8	2
Wuchow	69		18	474	207
All other <sup>4</sup>	1,125	1,331	1,612	580	197
Total	187,583	171,715	133,108	220,121	147,763

Footnotes on p. 54.

TABLE 57.—Exports of yellow soy beans from China by customs ports, 1913, 1917-1925—Continued

Origin by customs port	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
All China.....	1,592,804	2,310,042	2,600,581	3,206,235	2,638,255
Manchuria.....	1,750,810	2,120,690	2,600,680	2,947,317	2,843,867
China other than Manchuria.....	135,060	189,352	180,021	258,918	94,388
<b>Manchuria:</b>					
Dairen.....	1,091,172	1,176,035	1,416,823	1,527,189	1,560,557
Harbin <sup>1</sup> .....	517,137	781,307	788,602	1,224,425	1,067,010
Newchwang.....	107,027	116,975	153,921	93,231	94,054
Sulfenho <sup>2</sup> .....					
Antung.....	10,826	36,822	42,180	10,003	32,719
Lungchingsun.....	28,801	17,963	61,614	75,589	47,003
Hunchun.....	1,721	390	16,398	10,836	10,790
Aigun.....	16	180	129	47	148
Taiungkow.....					
Sansing.....					21
Manchouli <sup>3</sup> .....					
Total.....	1,750,810	2,120,690	2,500,660	2,947,317	2,843,867
<b>China, other than Manchuria:</b>					
Hankow.....	50,492	92,030	104,887	182,261	51,480
Tientsin.....	46,093	43,752	41,235	21,510	7,063
Kiukiang.....	27,800	31,095	19,770	11,352	12,952
Nanking.....	2,962	1,747	6,351	20,638	13,719
Shanghai.....	2,352	2,645	4,537	5,509	3,813
Nanking.....	1,690	354	874	2,315	1,389
Wuhu.....		151	494	3,440	1,697
Mengtsz.....	2,541	708	327		( <sup>4</sup> )
Chinwangtao.....	269	4,784	313		290
Chinkiang.....	288	231	417	2,711	35
Lungchow.....	590	2,546	1,500	3,058	1,331
Ichang.....				17	18
Shanghai.....	114	586	29		85
Chefoo.....	13	18		1,567	170
Swatow.....	6	7	6	2	20
Wuchow.....	8	9	131	222	51
All other <sup>4</sup> .....	51	104	50	163	230
Total.....	135,060	189,352	180,021	258,918	94,388

<sup>1</sup> Includes Sulfenho and Manchouli after 1920.<sup>2</sup> Included under Harbin 1921-1926.<sup>3</sup> Less than 500 pounds.<sup>4</sup> Includes Wanhsien, Chungking, Kiachow, Pakhoi, Canton, Ningpo, Amoy, Wenchow, Foochow, Kowloon, Kowloon (railroad traffic), Kongsun, Tengyueh, Changsha, Yochow, Lappa, and Lungchow. Compiled from annual Chinese maritime customs reports.

TABLE 58.—Exports of soy-bean oil from China by customs ports, 1913, 1917-1925

Origin by customs port	1913	1917	1918	1919	1920	1921	1922	1923	1924	1925
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
All China.....	104,559	264,843	312,650	324,164	247,881	194,434	224,680	308,311	295,104	285,770
Manchuria.....	98,987	216,421	282,063	279,519	242,706	193,230	222,830	304,250	301,269	284,198
China other than Manchuria.....	5,572	18,422	20,687	44,645	5,085	1,201	1,254	2,061	4,844	1,572
<b>Manchuria:</b>										
Dairen.....	77,394	220,717	275,043	255,834	234,129	176,413	177,514	250,183	200,853	204,512
Newchwang.....	15,003	3,828	961	14,267	5,654	7,333	10,203	6,693	7,087	9,870
Harbin.....	3,824	2,618	678	37	1,387	7,209	33,658	43,586	82,512	68,953
Antung.....	384	6,200	4,329	4,802	6,001	1,638	863	604	652	706
Hunchun.....	1,449	1,265	778	514	167	614	499	91	59	30
Sulfenho.....	104	721	365	1,451	127					
Lungchingsun.....	44	265	237	218	133	132	106	196	67	67
Aigun.....		96		251						
Manchouli.....	657	5,243	170	1,458	271					
Sansing.....	228	534	308	744	330					
Total.....	98,987	216,421	282,063	279,519	242,706	193,230	222,830	304,250	301,269	284,198
<b>China other than Manchuria:</b>										
Kiuchow.....	3,557	14,276	22,163	18,203	1,275	76	504	595	2,262	762
Chefoo.....	1,080	149	202	782	105	439	672	818	546	321
Hankow.....	714	3,481	6,432	13,536	762	44	26	441	1,527	277
Shanghai.....	101	314	770	11,003	2,601	690	28	165	500	210
All other <sup>1</sup> .....	120	202	30	971	82	45	21	72	143	2
Total.....	5,572	18,422	20,687	44,645	5,085	1,201	1,254	2,061	4,844	1,572

<sup>1</sup> Includes Tientsin, Chinkiang, Lungchow, Nanking, Swatow, Canton, Lappa, Foochow, Wuchow, Kiungchow, Samshui, Ningpo, Wuhu, and Amoy.

Compiled from Chinese maritime customs reports.

TABLE 59.—Exports of selected varieties of soy beans together with soy-bean oil in terms of soy beans, from all China, Manchuria, and China other than Manchuria, 1913, 1917-1925

ALL CHINA

Year	Total	Yellow beans	Green beans	Black beans	Bean oil in terms of beans
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1913	1,989,499	1,180,654	137,048	54,342	611,455
1917	3,080,843	1,425,861	72,149	34,045	1,548,788
1918	3,058,408	1,114,064	67,789	48,191	1,828,362
1919	3,894,405	1,745,590	132,068	41,615	1,895,696
1920	3,151,125	1,559,736	134,217	43,578	1,449,587
1921	3,232,371	1,892,896	137,418	65,129	1,137,023
1922	3,605,368	2,316,042	181,885	69,004	1,310,467
1923	4,680,483	2,690,581	146,147	68,462	1,701,263
1924	5,140,894	3,206,235	141,618	81,438	1,731,602
1925	4,916,261	2,638,255	188,506	118,238	1,671,169

MANCHURIA

1913	1,644,009	990,071	33,970	32,008	578,870
1917	2,744,448	1,254,146	32,844	16,400	1,441,058
1918	2,679,239	1,080,056	26,592	16,937	1,654,764
1919	3,233,328	1,525,475	49,202	23,977	1,634,614
1920	2,897,870	1,405,973	44,709	27,328	1,410,800
1921	2,991,041	1,750,840	62,472	41,729	1,130,000
1922	3,567,974	2,129,060	93,568	41,584	1,303,134
1923	4,430,043	2,509,660	86,352	58,791	1,770,240
1924	4,786,397	2,947,317	84,842	56,963	1,763,275
1925	4,743,597	2,843,846	130,840	106,937	1,661,674

CHINA OTHER THAN MANCHURIA

1913	345,490	187,583	103,078	22,244	32,585
1917	330,395	171,715	39,395	17,045	167,730
1918	379,167	133,108	41,197	31,254	173,698
1919	631,077	220,121	132,836	17,038	261,082
1920	253,258	147,763	56,568	16,250	29,737
1921	241,330	135,666	74,941	23,400	7,323
1922	340,424	186,352	88,320	58,410	7,333
1923	260,440	180,921	57,795	9,671	12,053
1924	354,047	258,918	56,777	10,475	28,327
1925	172,604	94,493	57,759	11,391	9,195

Compiled from Chinese maritime customs reports. These reports include five classifications of soy beans, viz: Yellow, green, black, white, and beans of other kinds. The first three classes comprise the major portion of the soy beans and have been used in these calculations. It is probable that the other two classes include soy beans other than beans crushed for oil, hence they were not included. The soy-bean oil was converted into terms of soy beans by dividing the oil figures by 17.1 per cent, i. e., assuming this a fair average oil content of soy beans.

TABLE 60.—China wood oil, in barrels: Average price per pound at New York by months, 1917-1925

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1917	12.5	14.1	14.0	14.8	15.2	16.4	17.8	18.5	20.8	22.0	22.5	23.8
1918	20.0	20.2	22.5	25.0	20.5	27.0	29.5	30.5	29.0	28.0	27.0	26.0
1919	25.5	23.0	20.2	19.2	19.8	22.5	23.5	23.5	23.5	23.5	23.5	23.2
1920	22.8	24.8	24.2	24.5	23.0	19.0	18.5	17.5	17.8	17.0	14.2	12.5
1921	10.5	10.0	0.8	9.2	12.4	13.1	14.8	16.0	14.8	14.0	15.0	13.8
1922	13.2	14.4	14.0	13.8	13.8	13.8	12.4	12.6	12.4	12.6	12.8	13.1
1923	15.2	18.2	22.5	37.5	33.0	25.8	34.0	22.8	22.0	21.6	21.1	21.2
1924	20.8	19.1	17.0	15.4	14.6	13.1	13.5	14.5	15.2	16.0	15.8	15.6
1925	15.1	14.0	13.2	13.0	12.0	13.2	13.6	13.2	13.6	13.4	13.2	13.1
1926	13.0	12.8	12.1	11.2	11.8	13.5	15.1	17.0	18.1	16.6	15.8	14.1

1 Prices for 1925 are the average high and low on the Saturday nearest the 15th of each month.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 61.—Coconut oil, edible, in barrels: Average price per pound at New York, by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	16.5	16.8	16.5	16.8	18.5	18.2	17.2	16.9	17.1	17.9	18.0	18.5
1918.....	18.2	18.9	18.9	19.1	18.2	17.5	18.5	18.2	18.8	18.6	18.5	17.9
1919.....	20.9	19.2	18.2	18.5	20.6	22.4	23.5	23.0	22.0	21.2	21.8	17.9
1920.....	22.2	21.2	20.8	20.0	20.5	19.0	18.1	17.5	17.8	17.2	16.0	15.8
1921.....	15.5	13.0	11.5	10.6	11.8	12.2	12.0	12.3	12.0	12.0	11.5	11.0
1922.....	10.5	10.5	10.5	10.8	10.5	10.5	10.1	9.8	9.8	9.8	10.6	10.5
1923.....	10.8	10.8	11.1	11.5	11.2	11.0	10.4	10.2	10.4	10.5	10.5	10.5
1924.....	10.6	10.5	10.4	10.4	10.4	10.4	11.0	11.9	11.8	12.8	12.5	12.5
1925.....	12.5	12.4	12.2	12.2	12.2	12.2	12.5	12.6	13.0	13.6	14.8	14.1
1926.....	13.1	12.8	12.5	12.5	12.5	12.6	12.8	12.2	11.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound, each month; all prices are spot quotations in New York if not otherwise stated.

TABLE 62.—Coconut oil, Ceylon, domestic, crude, in barrels: Average price per pound f. o. b. New York, by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	13.8	14.2	14.8	14.8	15.9	17.0	15.9	15.9	16.2	16.4	17.2	17.5
1918.....	17.5	17.5	17.6	17.9	17.1	16.2	17.6	17.5	17.5	17.8	16.9	16.1
1919.....	15.0	14.5	13.8	14.2	15.7	18.2	19.5	19.8	17.9	18.0	17.9	18.6
1920.....	19.2	18.5	18.3	18.6	18.4	18.0	16.2	15.1	15.1	15.8	15.2	12.8
1921.....	11.0	10.9	8.9	9.2	10.0	10.2	10.2	10.0	10.0	9.9	9.5	9.4
1922.....	9.0	8.8	9.2	8.8	8.6	8.6	8.6	8.5	8.4	8.4	8.6	8.9
1923.....	10.0	9.2	9.6	10.0	9.9	9.2	9.2	9.0	9.2	9.5	9.6	9.7
1924.....	9.8	9.9	9.6	9.5	9.2	9.2	9.8	10.4	10.5	10.6	10.4	11.4
1925.....	11.3	10.9	10.4	10.1	10.2	10.4	10.8	11.0	12.1	13.4	14.1	12.6
1926.....	11.7	10.9	11.1	11.0	10.9	11.4	11.1	10.6	10.7	9.8	9.4	9.3

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month.

TABLE 63.—Coconut oil: Average monthly price per pound, c. i. f. London, 1923-1927

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1923.....	8.91	9.18	9.83	10.32	9.94	9.45	9.94	8.64	9.51	9.67	9.91	10.21
1924.....	10.37	10.54	10.32	10.10	10.10	10.16	10.43	11.03	10.92	10.55	10.65	10.54
1925.....	10.54	10.16	9.99	10.05	10.59	10.48	10.48	10.32	10.32	10.33	10.27	10.43
1926.....	10.16	9.16	9.67	9.67	9.67	10.05	9.78	9.56	9.61	9.34	9.12	8.91
1927 <sup>1</sup> .....	10.43	10.23	10.29	10.21								
1927 <sup>2</sup> .....	9.91	10.07	9.94	9.83								

<sup>1</sup> London Grocer and Oil Trade Review.<sup>2</sup> Average for 3 weeks.

Compiled from Fehr, F., &amp; Co., Review of the Oilseed and Oil Markets for 1926, 72 p., illus. London. (1927).

TABLE 64.—Copra in bags: Average price per pound f. o. b. Pacific coast, by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	8.2	8.2	8.1	8.5	9.1	9.3	8.6	9.4	9.3	9.2	9.8	9.5
1918	8.9	9.4	9.4	9.2	(1)	8.8	9.0	8.5	8.1	8.6	8.3	8.0
1919	7.4	6.4	5.8	6.5	8.0	9.8	9.9	10.1	9.0	9.1	10.0	10.2
1920	10.9	10.3	9.4	9.6	10.5	8.6	7.5	7.4	7.2	8.1	7.9	5.9
1921	5.2	4.8	4.2	4.1	4.8	4.2	4.2	4.3	4.3	4.4	4.2	4.3
1922	4.2	4.1	4.5	4.2	4.2	4.3	4.3	4.4	4.1	4.4	4.4	4.8
1923	4.9	5.1	5.6	5.8	5.2	4.0	4.4	4.4	5.0	5.0	5.0	5.1
1924	5.4	5.5	5.2	5.0	5.0	5.0	5.1	5.4	5.0	5.6	5.8	5.8
1925	5.0	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.1	6.1	6.1	6.0
1926	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.4	5.1	5.0	4.9

<sup>1</sup> Nominal.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 65.—Cod oil in barrels: Average price per pound, by months, 1917-1926 AT NEW YORK<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	10.3	10.1	10.1	10.2	10.8	11.3	11.6	11.6	11.3	11.9	12.1	12.4
1918	12.7	12.9	(2)	16.5	16.5	16.5	16.5	17.2	18.1	19.7	19.7	19.7
1919	10.0	(3)	11.7	13.3	11.3	12.7	15.0	14.3	15.0	15.2	15.0	14.9
1920	15.5	15.2	15.2	15.9	16.5	15.1	13.7	12.9	13.0	11.1	9.5	8.1
1921	7.2	6.2	7.0	6.7	5.6	5.0	5.5	5.6	5.4	5.5	(2)	(3)
1922	5.7	6.0	(3)	(2)	7.3	7.3	7.3	7.2	7.1	7.1	7.2	7.3
1923	7.9	8.3	8.9	9.1	9.1	9.1	8.6	7.9	7.9	8.5	8.8	8.8
1924	8.8	8.8	8.5	8.1	8.1	8.0	7.6	7.4	7.5	7.9	8.0	8.0
1925	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.1	8.3	8.4
1926	8.4	8.4	8.1	7.7	7.7	7.7	7.7	7.7	8.1	8.4	8.4	(3)

AT NEWFOUNDLAND

1917	10.8	10.7	10.5	10.7	11.0	11.6	11.9	11.7	11.9	12.3	13.1	13.3
1918	13.7	14.3	15.5	16.6	17.0	17.1	17.1	18.1	19.2	21.0	21.0	20.4
1919	19.3	18.3	15.7	14.3	12.3	13.9	15.5	15.1	15.4	15.7	16.5	15.1
1920	15.3	15.6	15.9	15.9	18.9	18.0	15.0	13.3	13.7	11.7	10.5	8.3
1921	7.7	6.9	7.3	7.2	6.0	6.3	6.0	6.0	5.8	5.6	5.7	5.9
1922	6.1	6.3	7.6	8.0	7.8	7.6	7.5	7.3	7.3	7.3	7.5	7.9
1923	8.3	8.7	9.3	9.5	9.5	9.5	8.9	8.2	8.1	8.8	9.1	9.1
1924	9.1	9.1	8.7	8.4	8.4	8.3	7.9	8.3	8.0	8.1	8.3	8.3
1925	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.4	8.6	8.7
1926	8.7	8.7	8.7	8.0	8.0	8.0	8.0	8.0	8.3	8.5	8.3	8.2

<sup>1</sup> Domestic prime.

<sup>2</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 66.—Corn oil, crude, in barrels: Average price per pound at New York, by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	11.9	11.6	12.0	13.8	15.6	15.4	13.6	13.9	15.4	16.8	17.8	18.2
1918	18.4	18.5	18.5	18.8	17.9	17.1	17.5	17.8	18.0	18.4	18.2	17.9
1919	17.8	14.6	14.2	18.0	(1)	(1)	(1)	(1)	(1)	18.3	10.2	19.5
1920	20.1	19.7	18.3	17.3	17.6	16.9	14.9	11.4	11.9	12.3	11.1	10.0
1921	8.8	8.4	8.0	7.8	7.8	7.8	7.6	8.4	9.4	9.5	9.0	8.7
1922	8.8	8.6	11.2	11.4	11.2	11.2	10.1	9.7	9.0	9.0	9.7	10.4
1923	10.8	11.2	11.8	12.5	12.1	12.1	12.1	11.0	10.8	10.8	11.6	11.8
1924	11.5	11.8	11.2	11.1	11.0	10.9	11.3	13.6	13.0	12.4	12.5	12.8
1925	12.8	12.4	12.0	12.2	11.8	11.8	12.1	12.1	12.5	12.0	12.0	11.9
1926	11.6	11.2	11.2	11.5	12.9	14.0	14.0	13.5	12.8	11.5	10.6	10.2

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 67.—*Cottonseed oil: Average price per pound by months, 1917-1926*

## PRIME SUMMER YELLOW AT NEW YORK

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	12.2	12.4	13.0	14.4	15.0	16.5	14.6	14.8	15.7	17.2	18.3	18.9
1918.....	20.0	20.5	20.0	19.8	19.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
1919.....	20.2	20.2	20.2	21.2	21.2	23.8	20.2	25.0	23.0	23.0	22.8	21.5
1920.....	22.0	20.2	19.2	18.3	18.2	17.0	14.5	12.2	13.3	10.4	10.4	9.0
1921.....	8.2	7.5	6.7	5.8	7.1	7.3	8.1	8.5	9.2	9.1	8.4	8.3
1922.....	8.4	9.4	11.3	11.3	11.5	11.0	10.0	10.5	9.6	8.4	10.0	10.0
1923.....	11.6	11.8	12.4	12.5	12.2	12.4	11.2	11.0	11.9	13.0	11.2	12.0
1924.....	12.2	11.0	10.6	11.0	10.2	10.3	11.0	13.8	11.0	11.1	10.8	11.2
1925.....	11.2	10.6	10.9	11.0	10.4	10.5	11.2	11.0	10.7	9.9	10.2	10.4
1926.....	11.3	11.2	11.8	12.3	13.8	15.4	15.0	13.1	11.1	8.3	8.2	8.1

## PRIME CRUDE, F. O. B. SOUTHEAST

1917.....	11.0	11.0	12.0	13.5	14.7	14.4	13.2	13.1	14.5	16.3	16.9	17.2
1918 <sup>1</sup> .....	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
1919.....	17.5	17.5	17.5	17.5	17.5	22.0	(?)	21.5	19.0	17.5	19.0	18.9
1920.....	18.8	18.5	17.5	17.4	16.6	15.8	12.8	10.2	10.2	10.2	7.2	6.4
1921.....	6.1	6.0	5.1	4.3	5.2	5.8	6.6	6.8	7.8	7.5	7.9	7.0
1922.....	7.1	8.3	10.2	9.9	10.0	9.8	8.8	8.5	6.5	6.6	8.2	8.8
1923.....	9.3	9.0	10.3	10.4	9.8	10.0	9.0	(?)	10.0	9.1	9.8	9.4
1924.....	9.4	8.7	8.4	8.6	8.2	8.9	10.1	11.6	9.2	8.8	8.8	9.4
1925.....	9.6	9.1	9.8	9.9	9.5	9.5	(?)	(?)	9.1	8.0	8.6	8.8
1926.....	9.8	9.9	10.9	11.0	12.1	14.0	(?)	12.2	8.2	7.6	6.9	6.4

<sup>1</sup> Price fixed by Government.<sup>2</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 68.—*Cottonseed oil: Monthly average price per pound of refined, naked, Great Britain, 1925-1927*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
HULL <sup>1</sup>												
1923.....	8.06	9.23	9.23	9.73	9.67	8.91	8.82	8.82	8.91	9.02	9.07	9.50
1924.....	10.65	10.59	10.05	9.56	9.23	9.18	9.50	10.05	9.90	10.51	10.92	11.24
1925.....	10.97	10.16	9.51	9.51	9.78	9.78	10.05	10.32	9.78	9.23	8.74	8.53
1926.....	8.20	8.20	8.42	8.58	8.50	9.50	9.67	9.93	8.22	8.20	7.82	7.71
LONDON <sup>2</sup>												
1926.....	9.33	9.34	9.34	9.34								
1927.....	8.63	8.80	9.34	9.56								

<sup>1</sup> Compiled from Feir, F., & Co., Review of the Oilseed and Oil Markets for 1926. 72 p., illus. London, 1927.<sup>2</sup> London Grocer and Oil Trade Review.<sup>3</sup> Average for 3 weeks.TABLE 69.—*Herring oil, sellers' tanks: Average price per pound, f. o. b. Pacific coast, by months, 1918-1926*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1918.....	10.7	(?)	(?)	(?)	(?)	(?)	13.3	14.5	14.5	15.7	15.7	12.5
1919.....	14.8	14.7	14.7	10.7	8.0	10.7	13.2	15.0	14.2	13.3	13.3	5.3
1920.....	12.3	12.1	12.0	12.0	12.0	11.0	10.0	8.7	7.7	7.0	6.0	5.3
1921.....	4.3	4.3	3.2	2.8	2.7	2.7	2.7	2.9	3.1	3.3	3.3	3.7
1922.....	4.1	4.3	4.7	4.7	4.7	4.3	4.3	4.3	4.4	4.5	5.1	5.2
1923.....	5.5	5.6	5.0	6.7	6.3	6.0	5.5	4.7	5.0	5.3	5.3	6.0
1924.....	6.7	6.7	6.7	6.7	6.7	6.0	5.3	5.3	5.3	5.3	5.3	5.3
1925.....	5.3	5.3	5.3	5.7	6.0	4.9	6.0	6.0	6.0	6.3	6.7	6.7
1926.....	6.7	6.7	6.7	6.5	6.3	6.3	6.3	6.3	6.1	6.0	5.8	5.6

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 70.—*Linseed oil, refined, in carlots: Average price per pound at New York, by months, 1917-1926*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	12.8	12.8	13.7	15.0	17.3	16.0	15.3	16.9	16.7	15.9	16.4	16.8
1918	17.0	17.9	21.2	21.3	21.3	21.0	24.7	25.0	25.9	24.5	21.7	21.1
1919	19.7	19.7	20.4	20.8	21.5	24.5	29.5	30.1	28.8	25.3	23.7	25.5
1920	24.1	24.1	25.1	25.1	23.1	22.8	20.9	18.9	16.8	15.0	13.1	11.7
1921	11.1	9.5	9.3	7.8	8.8	10.6	10.2	10.2	10.5	9.7	9.4	8.7
1922	10.3	12.2	11.5	11.7	12.7	11.3	12.4	12.3	12.3	12.2	12.5	12.9
1923	12.9	13.5	13.9	16.3	16.0	15.0	15.1	15.1	12.5	13.5	12.9	13.1
1924	13.1	13.3	13.5	12.9	13.4	13.4	13.6	14.4	14.4	14.9	15.6	15.2
1925	15.8	15.5	15.2	14.3	14.4	15.7	14.7	15.3	14.8	14.2	13.6	13.7
1926	12.6	12.1	11.6	11.4	11.0	12.0	13.0	12.8	12.0	11.5	11.0	11.4

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound on Saturday nearest the 15th of the month.

TABLE 71.—*Linseed oil, raw: Average price per pound in the United States by months, 1917-1926*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	12.5	12.5	13.1	15.1	16.6	15.8	15.8	16.1	16.1	15.2	15.7	16.4
1918	17.2	17.6	19.8	20.8	20.9	21.2	24.2	25.2	24.7	20.8	21.0	20.7
1919	20.0	19.3	19.7	20.5	21.4	21.1	28.0	29.0	27.2	23.9	23.3	24.3
1920	23.6	23.6	23.4	23.5	22.7	21.8	20.7	19.0	16.1	15.3	12.1	10.9
1921	10.3	8.8	8.8	8.1	9.0	9.9	10.1	10.0	10.0	9.1	8.9	9.1
1922	8.9	10.5	11.2	10.5	12.0	11.3	11.3	11.5	11.9	11.8	11.5	11.7
1923	11.1	12.4	13.5	15.4	15.3	14.9	13.9	12.7	11.1	12.4	12.1	12.2
1924	12.2	12.4	12.3	12.0	12.4	12.3	13.1	13.7	13.6	13.7	15.4	14.5
1925	15.4	15.5	15.3	14.0	14.0	14.0	13.0	13.5	13.7	13.2	12.8	12.5
1926	11.8	11.3	11.0	10.8	10.8	10.6	11.8	11.7	11.2	10.7	11.4	10.6

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month; the weight per gallon is 7.5 pounds.

TABLE 72.—*Linseed oil: Monthly average price per pound, London, 1923-1927*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1923	8.42	9.02	8.07	10.80	9.85	9.72	9.40	8.85	9.07	8.98	8.98	8.22
1924	9.56	10.65	8.58	8.15	8.39	8.69	8.91	9.12	9.34	9.21	10.05	10.32
1925	10.75	11.13	10.32	9.78	9.78	9.51	8.06	9.23	8.90	8.36	7.93	7.44
1926	6.57	6.52	6.35	6.41	6.46	7.01	7.44	7.28	6.52	6.57	6.63	6.52
1927 <sup>1</sup>	7.00	6.89	6.85	6.68								
1927 <sup>2</sup>	6.85	7.20	6.92	6.80								

<sup>1</sup> London Grocer and Oil Trade Review.

<sup>2</sup> Average for 3 weeks.

Compiled from Fehr, F., & Co., Review of the Oilseed and Oil Markets for 1926. 72 p., illus. London. [1927.]

TABLE 73.—*Flaxseed (Calcutta): Monthly average price per pound at London, 1923-1927*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1923	4.45	4.51	4.45	4.73	4.62	4.56	4.51	4.24	4.62	4.78	4.91	5.11
1924	5.11	5.05	4.62	4.35	4.35	4.29	4.67	4.94	4.91	5.32	5.27	5.11
1925	5.38	5.43	5.16	4.83	4.89	4.73	4.62	4.78	3.62	4.51	4.40	4.45
1926	3.86	3.69	3.58	3.60	3.64	3.91	4.07	4.07	3.75	3.75	3.80	3.75
1927 <sup>1</sup>	4.50	4.68	4.07	3.07								
1927 <sup>2</sup>	3.80	3.80	3.80	3.96								

<sup>1</sup> London Grocer and Oil Trade Review.

<sup>2</sup> Average for 3 weeks.

Compiled from Fehr, F., & Co., Review of the Oilseed and Oil Markets for 1926. 72 p., illus. London. [1927.]



TABLE 74.—Flaxseed: Price per bushel in Minneapolis, Winnipeg, Buenos Aires, and Bombay, 1924-1926

Year and month	Minneapolis <sup>1</sup> No. 1	Winnipeg <sup>2</sup> No. 1 N. W. C.	Buenos Aires <sup>3</sup> 4 per cent extraneous matter	Bombay <sup>4</sup> Bald
1924				
January.....	Dollars 2.50	Dollars 2.08	Dollars 1.62	Dollars 2.14
February.....	2.58	2.22	1.66	2.10
March.....	2.40	2.07	1.58	1.94
April.....	2.47	2.02	1.58	1.90
May.....	2.46	2.12	1.60	1.85
June.....	2.44	2.11	1.68	1.88
July.....	2.47	2.26	1.88	2.10
August.....	2.41	2.34	1.68	2.20
September.....	2.28	2.20	1.99	2.22
October.....	2.40	2.33	2.12	2.40
November.....	2.58	2.35	2.21	2.45
December.....	2.84	2.48	2.20	2.46
Average.....	2.49	2.22	1.85	2.14
1925				
January.....	3.15	2.68	2.44	2.58
February.....	3.12	2.63	2.41	2.65
March.....	2.97	2.50	2.25	2.50
April.....	2.79	2.35	2.09	2.37
May.....	2.80	2.44	2.14	2.42
June.....	2.68	2.37	2.11	2.44
July.....	2.49	2.22	2.02	2.41
August.....	2.54	2.40	2.12	2.44
September.....	2.50	2.37	2.06	2.41
October.....	2.58	2.33	1.94	2.28
November.....	2.50	2.29	1.84	2.24
December.....	2.01	2.26	1.83	2.20
Average.....	2.74	2.40	2.11	2.41
1926				
January.....	2.50	2.14	1.67	3.01
February.....	2.43	2.05	1.61	2.92
March.....	2.52	1.92	1.51	1.90
April.....	2.34	1.86	1.56	1.87
May.....	2.30	1.63	1.55	1.87
June.....	2.33	1.65	1.66	1.95
July.....	2.44	2.08	1.78	2.03
August.....	2.38	2.11	1.77	1.67
September.....	2.33	2.05	1.64	1.84
October.....	2.21	1.94	1.60	1.89
November.....	2.22	1.61	1.53	1.90
December.....	2.24	1.88	1.53	1.89
Average.....	2.34	1.99	1.62	1.93

<sup>1</sup> Minneapolis Daily Market Record.<sup>2</sup> Monthly Bulletin of Agricultural Statistics, Canada.<sup>3</sup> International Yearbook of Agricultural Statistics and Review of the River Plate.<sup>4</sup> Indian Trade Journal and International Yearbook of Agricultural Statistics.

TABLE 75.—Lard, prime western: Wholesale price per pound, at New York, by months, 1910-1926<sup>1</sup>

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1910	13.2	12.7	14.4	14.5	13.6	12.7	12.3	12.2	12.7	13.2	12.0	10.0
1911	11.0	9.9	9.5	8.2	8.4	8.6	8.5	9.2	9.8	9.2	9.4	9.3
1912	9.5	8.4	9.4	10.1	11.2	11.1	10.9	11.3	11.6	12.2	11.6	10.9
1913	10.2	10.8	11.1	11.3	11.5	11.3	11.8	11.4	11.6	10.8	11.3	11.0
1914	11.2	11.1	11.1	10.6	10.4	10.4	10.5	10.4	9.9	10.7	11.3	10.3
1915	10.9	11.0	9.9	9.9	9.7	9.3	8.0	8.1	8.3	10.0	9.2	9.8
1916	10.8	10.3	11.1	12.0	13.0	13.1	13.6	13.8	14.8	15.4	17.4	16.8
1917	15.6	17.0	19.6	21.6	22.7	21.6	20.0	22.8	24.2	23.3	26.0	26.1
1918	24.7	26.0	26.2									
1919		26.0	27.5	28.1	33.8	36.1	35.8	31.0	27.2	28.2	26.5	25.1
1920	25.0	21.2	21.4	20.4	23.0	20.9	19.2	19.5	18.7	20.9	19.2	14.8
1921	13.8	12.2	12.0	9.6	10.2	9.9	12.6	12.0	11.5	10.2	10.2	10.1
1922	10.1	10.4	12.3	11.6	12.3	12.4	11.8	11.8	11.3	12.1	11.7	11.4
1923	12.0	11.9	12.4	12.4	11.6	12.0	11.0	11.4	12.6	13.0	14.2	13.5
1924	13.4	11.8	11.7	11.5	11.2	11.1	12.4	14.0	14.4	16.2	15.7	17.0
1925	16.8	16.2	17.6	16.6	16.0	17.6	18.2	18.2	17.6	16.7	16.4	15.0
1926	16.0	15.2	15.4	14.4	16.0	17.6	16.9	15.7	15.2	14.0	12.8	12.6

<sup>1</sup> Price Saturday nearest the 15th of the month. Middle Western grade from March, 1915, to December, 1920.

Compiled from the Oil, Paint and Drug Reporter.

TABLE 76.—Lard, pure, kettle rendered: Average price per pound at Chicago by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	17.9	18.5	19.8	23.1	24.9	24.9	23.5	22.8	26.0	27.9	28.0	31.0
1918	27.9	28.0	30.0	28.2	27.4	26.0	28.0	29.0	29.2	29.2	28.8	29.8
1919	27.8	26.8	29.2	32.5	35.6	37.4	38.0	38.2	32.2	29.2	31.5	28.8
1920	28.0	27.0	24.8	27.0	26.5	25.1	24.5	23.8	23.5	26.9	27.6	25.1
1921	19.1	17.9	14.9	15.4	13.8	13.2	13.5	16.0	15.5	15.1	15.0	12.8
1922	12.2	12.2	14.8	13.2	13.5	14.2	12.5	12.8	11.5	13.0	11.8	13.2
1923	11.8	12.0	11.8	13.4	13.0	12.5	12.8	12.1	12.8	14.5	14.0	14.5
1924	13.8	12.2	11.8	11.5	11.2	10.8	11.4	13.8	15.0	15.5	16.5	15.2
1925	16.0	14.8	16.5	16.5	15.0	17.0	17.2	18.0	18.0	17.5	15.2	14.2
1926	15.0	14.8	14.2	13.8	14.8	16.2	16.0	15.0	14.5	13.5	13.0	13.0

IN 100-POUND TIERCES

1917	17.1	17.8	19.0	22.1	23.9	23.9	22.5	21.8	25.0	26.0	27.0	30.0
1918	26.9	27.0	29.0	27.8	26.4	25.6	27.0	28.0	28.2	28.8	27.8	28.8
1919	26.8	25.8	28.2	31.5	34.6	36.4	37.0	37.2	31.2	28.2	30.5	27.8
1920	27.0	26.5	22.5	23.2	22.5	23.5	23.0	21.8	22.2	25.4	24.4	23.2
1921	16.9	16.8	14.5	14.5	12.4	11.8	12.5	15.0	14.0	13.0	12.5	11.8
1922	11.0	11.8	14.2	12.8	13.0	13.8	12.5	12.9	11.5	13.0	11.5	12.9
1923	11.2	11.8	12.0	12.0	12.0	11.5	10.8	11.2	12.2	14.0	14.1	14.0
1924	12.5	12.0	11.5	11.6	11.4	10.8	11.4	13.8	15.2	15.8	16.2	15.2
1925	16.0	14.8	16.5	16.2	14.9	16.8	17.0	18.0	17.8	17.5	15.2	14.5
1926	15.2	15.0	14.5	14.0	15.0	16.5	16.2	15.5	14.8	14.0	13.5	13.2

<sup>1</sup> Week of Apr. 22, 1922.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound for each month.

TABLE 77.—Lard compound and neutral lard in drums: Average price per pound at New York by months, 1917-1926<sup>1</sup>

## LARD COMPOUND

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	14.2	12.0	14.4	16.4	18.0	18.2	16.8	16.2	17.0	20.1	21.4	22.8
1918	23.0	23.0	23.0	23.0	22.2	23.1	22.0	23.1	23.1	23.6	23.6	23.6
1919	23.0	23.6	23.6	23.1	24.1	20.9	20.2	28.5	26.8	23.5	25.4	24.0
1920	25.0	24.0	22.4	22.0	21.5	21.0	10.1	18.0	16.8	16.2	14.2	12.1
1921	11.4	10.6	9.8	8.5	8.8	9.2	10.2	11.0	11.6	11.8	10.5	10.1
1922	10.2	11.6	13.5	13.0	13.0	13.0	12.5	11.8	11.1	11.0	11.1	11.8
1923	12.4	12.8	13.2	13.5	13.2	12.8	12.2	11.0	12.0	13.4	13.6	13.4
1924	13.1	12.1	11.9	11.0	11.8	12.0	13.5	15.8	14.0	13.0	13.0	13.4
1925	13.8	13.2	13.2	13.5	12.8	12.5	13.2	14.0	12.0	12.6	12.4	12.5
1926	12.8	13.2	13.8	14.1	15.4	17.0	16.8	15.2	14.1	12.2	10.5	10.1

## NEUTRAL LARD

1917	18.8	18.4	20.0	22.5	26.0	25.5	23.5	22.0	22.0	28.8	(?)	30.2
1918	27.9	28.0	29.2	30.2	28.2	28.1	27.0	28.9	29.9	30.5	30.5	30.8
1919	30.8	30.0	30.2	33.0	30.0	30.0	36.0	36.2	34.0	32.5	32.5	29.8
1920	28.8	26.2	25.0	25.8	25.5	25.2	24.5	23.5	22.8	23.6	24.5	20.5
1921	17.0	15.2	14.5	13.6	12.2	12.1	12.8	14.5	14.5	13.5	12.6	11.1
1922	10.8	12.2	13.1	12.2	12.8	13.4	13.5	13.5	13.1	13.5	14.2	14.9
1923	13.8	13.4	13.0	13.8	(?)	(?)	(?)	(?)	(?)	(?)	16.2	15.4
1924	14.6	14.2	13.4	12.8	12.0	12.8	14.5	16.8	18.5	21.9	21.1	18.8
1925	18.1	17.6	18.6	10.0	17.8	19.0	20.8	21.0	20.8	20.6	19.4	18.2
1926	18.0	17.0	16.6	15.8	16.0	18.6	18.1	17.4	17.0	17.0	16.6	15.9

<sup>1</sup> Average of the high and low prices per pound each month.<sup>2</sup> No spot quotation available.

Compiled from the National Provisioner and the Oil, Paint, and Drug Reporter. All prices are quoted as spot in New York if not otherwise stated.

TABLE 78.—Lard oil, extra No. 1, and lard stearin in barrels: Average price per pound at New York by months, 1917-1926

## LARD OIL, EXTRA NO. 1

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	18.0	18.3	20.0	22.5	24.7	25.7	25.1	25.1	26.6	27.3	29.7	30.7
1918	30.0	30.7	31.3	31.3	31.3	31.3	31.3	31.3	30.3	30.3	30.3	30.0
1919	28.0	28.0	30.0	33.3	36.0	37.3	38.3	37.0	34.3	34.0	32.7	31.7
1920	31.7	29.0	26.7	26.0	26.7	25.3	24.0	24.0	21.7	25.7	25.3	25.7
1921	11.7	8.7	9.3	9.3	9.3	9.1	8.9	8.3	9.2	9.5	9.6	9.6
1922	9.6	9.6	9.6	9.8	9.5	9.8	10.0	10.8	10.8	11.2	12.2	12.5
1923	13.2	13.2	13.2	13.0	12.6	11.5	10.8	11.1	11.8	11.2	11.0	10.9
1924	11.2	11.2	11.5	11.2	11.1	10.8	11.4	12.0	12.5	13.0	13.2	13.8
1925	14.8	13.9	13.5	13.8	13.0	12.9	13.8	13.9	13.2	13.8	13.8	13.6
1926	13.4	13.5	13.2	12.5	12.4	12.8	12.6	12.1	11.8	11.6	11.0	10.0

## LARD, STEARIN IN BARRELS

1917	17.6	17.9	19.0	21.9	25.4	24.8	24.0	22.5	24.0	27.0	26.8	30.0
1918	27.8	28.0	28.4	28.8	28.8	27.0	26.1	28.9	29.1	29.1	29.5	(?)
1919	27.0	27.0	29.2	33.0	36.0	38.2	40.0	37.5	32.5	31.5	32.5	31.8
1920	30.0	29.5	27.5	27.0	28.0	27.5	26.5	24.0	23.8	24.5	22.5	20.0
1921	16.0	15.5	14.2	14.2	13.0	12.0	13.5	15.2	14.8	13.5	12.8	12.3
1922	12.8	12.8	(?)	(?)	14.0	14.2	14.2	14.2	14.2	13.5	12.8	12.8
1923	12.8	13.0	13.8	14.2	13.6	13.0	13.6	14.5	15.2	15.0	15.5	15.5
1924	15.2	14.1	13.9	13.7	13.5	13.6	14.8	16.8	17.0	18.2	18.2	18.5
1925	18.9	18.4	18.8	19.1	19.2	20.0	20.8	20.9	20.9	20.5	18.8	18.6
1926	18.0	17.8	17.6	17.2	17.8	19.6	18.0	17.8	17.8	17.1	16.8	16.2

<sup>1</sup> Prices for 1917-1920 lard oil are for the grade prime winter edible.<sup>2</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter, average of the high and low price per pound each month.

TABLE 79.—Butterine: Average price per pound at Chicago, by months, 1917-1926

ONE TO SIX NATURAL COLOR SOLIDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	16.0	16.0	16.0	16.0	23.5	23.5	23.5	23.5	23.5	25.5	25.5	25.5
1918	25.5	25.5	25.5	25.5	25.5	25.5	29.5	29.5	27.5	29.5	29.5	29.5
1919	29.5	28.5	28.5	28.5	33.0	34.5	36.0	37.0	36.0	35.0	37.0	37.0
1920	37.0	35.0	34.0	34.0	34.0	33.0	32.0	31.0	31.0	31.0	31.0	31.0
1921	26.0	26.0	23.0	21.0	21.0	19.0	19.0	21.0	21.0	21.0	21.0	21.0
1922	26.0	19.0	18.0	18.0	18.0	18.0	19.0	19.0	19.0	19.0	20.0	21.0
1923	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	22.0	23.0
1924	23.0	23.0	22.0	21.0	21.0	21.0	21.0	23.0	23.0	23.0	24.0	22.5
1925 <sup>1</sup>	22.5	21.5	20.5	21.5	20.5	21.5	22.5	23.5	24.5	23.5	23.5	23.5
1926	22.5	22.5	20.5	20.5	19.5	20.5	21.5	21.5	21.5	21.5	21.5	21.5

CARTONS, ROLLS, OR PRINTS

1917	17.0	17.0	17.0	17.0	21.5	21.5	24.5	24.5	27.5	28.5	28.5	28.5
1918	28.5	28.5	28.5	28.5	28.5	28.5	29.0	29.0	30.0	32.0	32.0	32.0
1919	32.0	32.0	33.0	33.0	36.0	37.0	37.0	38.0	37.0	36.0	38.0	38.0
1920	38.0	36.0	35.0	35.0	35.0	34.0	33.0	32.0	32.0	32.0	29.0	29.0
1921	27.0	27.0	21.0	22.0	23.0	20.0	20.0	22.0	22.0	22.0	22.0	21.0
1922	21.0	19.0	19.0	19.0	19.0	19.0	20.0	20.0	20.0	20.0	21.0	22.0
1923	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	23.0	23.0	24.0
1924	24.0	24.0	23.0	22.0	22.0	22.0	22.0	24.0	24.0	24.0	25.0	26.0
1925 <sup>1</sup>	24.0	26.0	26.0	26.0	25.0	25.0	25.0	26.0	26.0	26.0	26.0	26.0
1926	26.0	26.0	25.0	25.0	24.0	24.0	24.0	24.0	24.0	24.0	23.0	23.0

<sup>1</sup> The price for December, 1924, and all of the prices listed for 1925 are for white animal fat margarine in 1-pound cartons.

<sup>2</sup> The price for December, 1924, and all of the prices listed for 1925 are for highest grade natural color animal fat margarine. In November, 1923, the National Provisioner discontinued its quotations under heading of Butterine and gave for subsequent months the grades of animal margarine indicated above.

Compiled from the National Provisioner; price Saturday nearest the 15th of the month.

TABLE 80.—Margarine, nut, in 1-pound prints: Average price per pound at Chicago, by months, 1918-1926<sup>1</sup>

Year.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1918	28.0	28.0	28.0	28.0	28.0	28.0	29.0	29.0	29.0	30.0	30.0	30.0
1919	30.0	28.0	29.0	28.0	29.0	29.0	29.0	30.0	30.0	30.0	28.0	28.0
1920	28.0	30.0	30.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.0	27.0
1921	26.0	25.0	24.0	22.0	22.0	20.0	20.0	21.0	21.0	21.0	21.0	21.0
1922	20.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	20.0	20.0	20.0	20.0
1923	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.5	20.5	21.5
1924	21.5	21.5	21.5	20.5	20.5	20.5	20.5	21.5	21.5	21.5	21.5	21.0
1925	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	22.0	22.0	22.0	22.0
1926	22.0	22.0	21.0	21.0	21.0	21.0	22.0	22.0	22.0	22.0	22.0	20.0

<sup>1</sup> Price Saturday nearest the 15th of the month.

Compiled from the National Provisioner and the Oil, Paint, and Drug Reporter.

TABLE 81.—*Oleo stearin and oleo oil: Average price per pound at New York, by months, 1917-1926*

## OLEO STEARIN, IN BARRELS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	13.8	13.1	13.6	16.1	18.8	19.8	16.8	17.5	19.8	22.2	22.0	10.8
1918.....	18.6	18.6	20.6	19.8	18.6	18.4	16.6	21.0	21.8	21.0	24.2	21.1
1919.....	16.0	12.4	15.2	26.0	33.2	31.0	28.8	24.2	19.5	20.2	21.5	21.2
1920.....	21.0	20.0	17.6	17.0	15.9	14.5	13.0	13.8	15.5	15.5	11.0	8.2
1921.....	9.4	7.9	7.3	6.8	7.8	7.5	9.0	11.1	10.9	10.2	8.4	7.6
1922.....	8.0	0.0	10.2	9.4	0.0	9.5	10.9	9.0	9.4	0.9	11.4	10.0
1923.....	10.4	10.5	10.6	10.5	9.0	8.8	8.9	10.1	12.1	12.6	11.1	11.3
1924.....	10.2	0.7	9.2	10.1	10.6	10.6	13.6	15.8	13.6	12.4	12.5	11.8
1925.....	11.2	10.5	12.4	12.8	11.7	12.4	13.8	14.8	14.5	15.2	13.8	14.0
1926.....	12.6	11.9	12.5	11.2	12.5	14.8	13.8	11.8	12.6	12.0	10.4	9.8

## OLEO OIL NO. 1, IN TIERCES

1917 <sup>1</sup> .....	18.0	18.1	19.0	20.0	22.5	20.5	19.2	19.2	21.2	23.8	22.2	22.5
1918.....	23.0	23.5	25.4	24.2	23.0	23.0	24.2	21.8	21.2	24.8	27.2	28.8
1919.....	30.5	29.2	28.5	28.8	30.5	32.0	32.5	30.5	29.2	28.2	29.5	29.0
1920.....	28.2	25.8	24.8	21.0	20.5	18.5	17.2	16.2	18.5	20.0	17.5	15.0
1921.....	12.9	10.9	10.2	8.9	8.3	8.8	0.0	11.1	12.8	12.6	11.5	10.3
1922.....	10.6	10.6	11.2	10.2	10.8	10.9	11.5	11.9	11.6	11.8	12.9	13.5
1923.....	13.4	13.4	13.5	14.1	14.0	12.8	11.9	11.4	12.2	13.8	14.9	15.8
1924 <sup>2</sup> .....	16.1	15.8	13.9	12.4	12.4	12.0	13.8	16.0	17.4	19.9	21.5	19.0
1925.....	15.5	13.2	12.5	13.0	12.4	13.4	14.4	16.5	16.0	15.8	14.0	13.4
1926.....	13.4	12.6	12.9	12.5	13.4	14.5	14.4	12.6	12.2	11.8	11.2	10.5

<sup>1</sup> Quotations for 1917-1921 are for oleo oil, prime.<sup>2</sup> Quotations for 1921-26 are for oleo oil No. 1, in barrels.

Compiled from the Oil, Palat, and Drug Reporter; average of the high and low price per pound each month; all prices are quoted as spot in New York if not otherwise stated.

TABLE 82.—*Menhaden oil in barrels: Average price per pound by months, 1917-1926*

## F. O. B. BALTIMORE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	9.2	9.0	9.2	9.7	9.7	( <sup>1</sup> )	9.9	9.3	10.7	11.3	11.3	11.7
1918.....	13.0	12.7	12.8	13.5	13.1	14.0	15.7	14.7	16.5	15.7	15.3	14.3
1919.....	14.0	12.0	10.3	8.5	9.2	11.7	14.7	14.8	13.4	13.4	12.7	12.3
1920.....	12.3	13.0	13.0	12.3	11.3	10.0	9.0	8.3	7.7	6.3	5.4	4.3
1921.....	4.3	4.6	4.1	3.7	3.7	4.0	3.9	3.6	4.3	4.1	4.3	4.5
1922.....	4.9	5.3	5.3	5.3	5.0	5.7	5.1	5.4	5.3	5.1	6.5	6.3
1923.....	6.5	6.7	6.9	( <sup>1</sup> )	( <sup>1</sup> )	6.7	6.0	5.3	6.0	6.3	6.7	6.5
1924.....	6.3	6.3	7.2	6.3	6.3	5.8	5.7	6.7	6.7	6.8	7.4	7.5
1925.....	7.3	7.3	7.3	7.3	( <sup>1</sup> )	( <sup>2</sup> )	7.0	6.8	6.8	7.2	6.9	7.0
1926.....	7.0	7.0	7.0	( <sup>1</sup> )	( <sup>1</sup> )	6.3	6.3	6.3	6.2	6.0	6.0	5.7

## LIGHT PRESSED, AT NEW YORK

1917.....	10.5	10.3	10.4	10.6	11.1	11.7	12.0	11.5	11.7	12.6	12.7	12.0
1918.....	13.4	14.1	14.9	15.6	15.5	16.1	16.8	17.8	18.7	19.1	18.1	17.5
1919.....	15.7	14.3	14.3	12.0	11.3	14.2	17.1	17.7	17.1	16.4	16.3	16.5
1920.....	15.7	15.5	15.6	15.8	15.7	14.6	13.9	12.2	7.1	11.3	0.7	7.1
1921.....	0.0	6.3	6.5	6.2	5.5	5.9	6.0	5.9	5.7	5.7	6.0	6.0
1922.....	0.6	7.1	8.1	7.6	7.3	7.2	7.2	7.2	7.2	7.6	8.8	9.2
1923.....	8.7	9.2	9.9	10.2	10.7	10.7	9.9	8.7	8.5	8.7	8.7	8.7
1924.....	8.5	8.3	8.1	8.0	7.7	7.7	7.2	8.3	8.6	8.7	9.1	9.3
1925.....	9.3	10.0	10.4	10.4	10.4	10.4	10.3	10.1	9.7	9.3	9.1	9.3
1926.....	9.3	9.3	9.0	9.0	8.7	8.7	8.7	8.7	8.7	8.2	7.7	7.7

<sup>1</sup> No spot quotations available.<sup>2</sup> No stocks.

Compiled from the Oil, Palat, and Drug Reporter; average of the high and low price per pound each month.

TABLE 83.—Olive oil: Average price per pound at New York by months, 1917-1926  
DENATURED IN BARRELS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1917	15.0	17.8	19.0	18.0	19.3	21.3	22.7	25.0	27.3	31.3	32.3	33.3
1918	38.3	40.7	40.7	40.7	50.7	53.3	55.7	58.3	58.3	58.3	51.7	51.7
1919	46.7	41.7	31.3	30.0	30.3	20.0	20.0	33.0	32.7	32.7	32.7	32.7
1920	40.0	37.7	30.3	30.0	40.0	(1)	42.0	(1)	(1)	(1)	(1)	38.0
1921	34.7	28.7	24.7	21.0	18.3	19.3	18.7	15.7	14.3	14.0	15.3	15.0
1922	15.7	14.7	14.9	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
1923	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.1	14.0	14.8	14.7	14.7
1924	14.8	14.0	17.0	16.7	16.7	16.1	16.0	10.0	16.0	15.7	15.0	16.0
1925	16.0	16.0	16.0	18.0	16.0	16.0	15.3	15.3	15.8	16.1	16.0	16.1
1926	16.3	16.1	16.0	16.0	15.3	15.9	16.0	15.7	16.7	18.3	19.2	18.2

## PRIME FOOTS IN CASKS

1917	10.8	12.0	12.8	11.2	16.5	16.0	19.5	20.8	22.5	27.5	31.5	38.0
1918	44.0	39.0	39.0	39.0	45.0	45.0	45.0	43.5	43.5	43.5	43.5	43.5
1919	(1)	(1)	(1)	(1)	25.0	21.0	21.5	21.0	19.5	18.5	17.8	18.2
1920	20.2	20.8	20.2	20.2	19.2	18.0	17.5	15.5	10.0	13.5	12.2	11.0
1921	10.8	9.5	8.5	9.5	7.9	8.0	7.5	7.5	7.9	6.1	5.8	8.8
1922	8.2	8.2	8.0	8.0	9.0	8.3	8.4	8.5	8.0	8.0	9.4	8.1
1923	9.2	9.2	9.1	9.0	9.5	8.8	8.1	8.5	8.5	8.0	8.5	8.0
1924	9.5	9.5	10.2	9.5	9.6	9.1	9.1	9.5	9.5	9.0	9.9	9.7
1925	9.5	9.3	9.2	9.3	9.3	8.9	8.2	8.2	8.7	8.8	8.7	8.7
1926	8.8	8.0	8.6	8.6	8.6	8.5	8.5	8.5	8.6	8.9	9.1	9.1

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month; all prices are spot quotations at New York if not otherwise stated.

TABLE 84.—Olive oil, edible, in barrels: Average price per pound at New York by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1917	22.0	25.2	24.7	20.7	30.0	30.0	30.0	30.0	33.3	41.3	41.3	50.7
1918	55.7	42.3	45.7	55.0	65.0	(1)	90.0	(1)	(1)	(1)	93.3	70.7
1919	63.3	53.3	42.7	36.7	35.0	36.7	40.3	41.7	41.7	42.0	40.3	41.0
1920	44.0	42.3	42.7	43.3	45.7	50.3	52.7	49.3	48.7	48.0	42.7	41.3
1921	40.7	34.7	28.7	25.7	25.7	30.3	28.0	25.0	21.7	23.3	24.7	25.7
1922	21.3	24.0	21.0	24.0	26.7	25.7	23.3	23.3	23.3	23.3	23.3	22.0
1923	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.3	22.7	22.7
1924	23.7	22.7	26.7	26.7	26.0	25.0	25.0	25.3	25.0	24.7	24.7	24.7
1925	24.7	25.0	25.3	25.3	26.3	26.3	25.3	25.3	26.0	26.7	26.7	26.7
1926	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month; all prices are quoted as spot in New York if not otherwise stated.

TABLE 85.—Palm-kernel oil in barrels: Average price per pound at New York by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1917	14.5	14.6	14.8	16.5	17.8	17.2	16.8	16.8	16.2	17.0	17.2	17.8
1918	17.8	17.8	17.8	17.2	17.8	17.8	18.5	18.4	18.8	19.1	19.1	17.5
1919	17.6	15.8	14.5	14.8	16.2	16.8	21.0	(1)	21.0	20.5	21.5	21.2
1920	22.0	19.0	19.1	19.5	20.0	(1)	17.0	14.5	(1)	16.2	14.2	13.2
1921	11.0	9.1	9.5	9.2	9.6	9.5	8.8	9.0	8.5	9.2	9.2	9.0
1922	8.0	8.5	8.8	8.8	8.8	8.8	8.0	8.5	8.0	8.2	7.8	8.2
1923	8.6	8.8	8.9	9.6	9.2	8.4	8.2	8.2	8.5	8.7	8.8	9.0
1924	9.2	9.2	9.1	8.9	8.8	8.8	8.0	9.5	9.4	9.0	10.2	10.2
1925	10.4	10.1	9.9	10.0	10.0	10.1	10.2	10.5	10.0	10.6	10.5	10.6
1926	10.4	10.1	9.8	9.7	9.5	10.4	10.4	10.1	10.2	9.9	9.8	9.1

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month; all prices are quoted as spot in New York if not otherwise stated.

TABLE 86.—Palm-kernel oil: Monthly average price per pound, naked, Great Britain, 1923-1927

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1923.....	7.88	8.04	8.18	8.14	8.54	8.69	8.15	7.82	8.31	8.31	8.58	8.96
1924.....	9.40	9.23	9.62	8.71	8.69	9.02	9.23	9.23	9.34	9.67	9.67	9.72
1925.....	9.56	8.96	9.87	8.96	9.07	9.18	9.29	9.45	9.29	9.23	9.40	9.56
1926.....	9.34	9.02	9.23	9.23	9.45	9.72	9.45	9.12	9.02	8.85	8.74	8.20
1927.....	9.20	9.07	9.34	9.10								
1927 <sup>1</sup>	8.69	8.66	8.74	8.54								

<sup>1</sup> London Grocer and Oil Trade Review.<sup>2</sup> A average for 3 weeks.

Compiled from Fehr, F., &amp; Co., Review of the Oilseed and Oil Markets for 1926. 72 p., illus. London. [1927.]

TABLE 87.—Palm oil, Lagos, in casks: Average price per pound at New York, by months, 1917-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	13.0	13.5	14.0	13.9	15.9	17.8	17.6	17.5	18.0	20.2	23.0	28.5
1918.....	31.0	31.5	34.0	33.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	27.5
1919.....	22.0	22.0	( <sup>1</sup> )	( <sup>1</sup> )	15.2	17.0	17.5	17.4	17.4	17.4	17.0	17.4
1920.....	17.0	18.5	15.9	15.9	13.6	11.2	11.6	10.2	10.2	10.2	9.6	8.2
1921.....	7.6	7.1	6.8	6.5	6.0	6.5	6.5	7.0	7.2	7.2	6.8	7.3
1922.....	7.8	7.9	8.2	7.9	7.2	7.0	7.1	7.0	6.9	6.5	7.2	7.3
1923.....	7.9	8.0	8.3	8.0	7.0	7.1	6.9	6.9	7.3	7.4	7.7	7.7
1924.....	8.0	7.0	7.9	7.5	7.5	7.1	7.6	8.3	8.2	8.8	9.7	9.8
1925.....	9.9	9.5	9.5	9.2	9.0	9.0	9.2	9.2	9.2	9.2	9.2	9.2
1926.....	9.0	8.8	8.7	8.6	8.8	8.9	8.4	8.2	8.7	8.6	8.2	8.2

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month; all prices are quoted as spot in New York if not otherwise stated.

TABLE 88.—Palm oil: Monthly average price, per pound, Great Britain, 1923-1927

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>LIVERPOOL<sup>1</sup></b>												
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1923.....	7.60	7.82	8.15	8.26	7.44	7.50	7.28	7.88	7.88	7.03	8.04	8.20
1924.....	8.69	8.58	8.42	7.58	7.82	8.04	8.31	8.53	8.64	9.29	9.51	9.56
1925.....	8.56	9.66	8.85	8.31	8.53	8.53	8.55	9.07	9.02	8.80	8.42	8.47
1926.....	8.36	8.15	8.26	8.20	8.20	8.36	8.15	7.98	7.38	7.98	7.88	7.00
<b>LONDON<sup>2</sup></b>												
1926.....	8.47	8.10	8.31	8.18								
1927.....	7.60	7.80	8.80	7.40								

<sup>1</sup> Compiled from Fehr, F., & Co., Review of the Oilseed and Oil Markets for 1926. 72 p., illus. London. [1927.]<sup>2</sup> Compiled from London Grocer and Oil Trade Review.<sup>3</sup> A average for 3 weeks.

TABLE 89.—Peanut oil: Average price per pound at New York, by months, 1917-1926

DOMESTIC REFINED IN BARRELS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	Cents (1)	Cents (1)	Cents (1)	Cents 17.1	Cents 17.1	Cents 17.1	Cents 17.4	Cents 18.4	Cents 19.0	Cents 19.0	Cents 20.0	Cents 22.3
1918	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	22.0	22.0	21.0
1919	20.8	20.5	20.0	22.5	24.4	26.5	20.0	30.0	27.0	25.5	24.5	27.0
1920	27.8	27.2	27.0	24.5	23.2	20.5	10.2	17.0	16.5	16.5	14.8	12.5
1921	12.5	12.5	11.0	10.5	10.5	10.2	10.0	10.2	10.8	10.8	11.2	11.0
1922	11.1	11.2	12.0	13.0	13.0	13.0	12.5	12.5	12.2	12.0	12.5	14.5
1923	17.0	17.0	17.8	17.5	10.2	10.0	10.0	10.0	10.0	10.0	15.5	14.8
1924	14.5	14.5	14.5	14.5	14.5	14.5	14.5	15.5	16.2	16.0	16.0	18.0
1925	16.5	16.5	16.5	16.5	15.2	15.0	15.0	15.0	15.0	15.0	15.0	15.0
1926	15.0	15.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.5	14.8

CRUDE, F. O. B. MILLS BUYERS' TANKS

1917	11.4	11.7	12.7	14.0	15.3	15.7	15.7	16.0	15.8	16.3	17.5	18.1
1918	18.3	18.2	18.1	18.1	18.1	18.2	18.2	(1)	18.2	18.3	18.3	17.5
1919	16.9	15.4	15.3	18.1	20.5	21.5	(1)	(1)	(1)	21.0	23.2	30.7
1920	(1)	22.0	21.2	19.0	(1)	(1)	(1)	(1)	(1)	(1)	8.5	7.2
1921	7.0	6.4	6.0	5.8	5.0	6.1	9.1	7.3	7.8	8.4	7.8	7.0
1922	0.4	9.5	10.4	11.4	12.0	12.0	12.0	11.0	11.8	11.0	11.4	11.0
1923	13.5	15.0	15.2	15.5	14.2	15.0	15.0	15.0	15.0	15.0	14.0	12.0
1924	12.0	12.0	12.0	11.0	11.2	11.2	11.2	11.2	12.2	12.5	12.0	12.0
1925	11.5	11.5	13.0	10.9	10.1	0.0	9.0	10.0	10.0	10.2	10.0	10.0
1926	12.0	12.1	12.4	11.1	12.8	13.0	13.0	13.0	13.0	13.0	10.2	11.0

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month; all prices are spot quotations in New York if not otherwise stated.

TABLE 90.—Peanut oil: Monthly average price per pound, crude, Great Britain, 1923-1927

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
HULL <sup>1</sup>												
1923	Cents 10.65	Cents 9.80	Cents 9.01	Cents 9.91	Cents 9.04	Cents 9.50	Cents 9.50	Cents 9.23	Cents 9.67	Cents 10.27	Cents 10.50	Cents 11.08
1924	11.08	10.97	10.48	10.05	9.73	9.78	9.60	10.48	10.86	11.24	11.85	12.17
1925	11.73	10.70	10.27	10.16	10.32	10.43	10.43	10.54	10.37	10.32	9.83	9.50
1926	9.18	9.29	9.34	9.01	9.78	10.21	10.21	9.61	9.45	9.40	0.31	9.23
LONDON <sup>2</sup>												
1926	9.40	9.14	9.28	9.63								
1927	9.50	9.36	9.74	9.67								

<sup>1</sup> Compiled from Fehr, F., & Co., Review of the Oilseed and Oil Markets for 1926, 72 p., illus. London, 1927.

<sup>2</sup> Compiled from London Grocer and Oil Trade Review.

<sup>3</sup> Average for 3 weeks.

TABLE 91.—Perilla oil in barrels: Average price per pound at New York, by months, 1918-1926

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1918	Cents 19.2	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0	Cents 19.0
1919	18.2	17.0	18.0	16.8	16.5	19.0	22.5	25.0	23.8	22.5	21.5	18.2
1920	22.5	21.0	21.8	20.8	18.5	17.0	14.2	12.2	12.1	11.6	10.5	8.5
1921	8.4	7.4	6.5	0.2	6.0	7.0	7.0	0.2	7.5	8.5	8.5	(1)
1922	11.2	11.2	11.2	(1)	13.0	13.5	13.5	13.5	13.5	(1)	12.5	13.2
1923	14.0	15.2	15.8	16.4	16.2	16.5	14.8	14.5	14.4	14.0	13.8	14.2
1924	14.0	14.2	14.6	14.5	14.2	13.8	13.8	14.2	14.2	14.2	14.5	14.5
1925	14.5	14.8	15.0	14.0	14.5	14.8	14.8	14.8	15.2	15.0	15.1	15.2
1926	15.2	15.2	14.6	13.7	13.5	13.0	13.0	13.0	12.0	12.5	13.2	13.1

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month; all prices are quoted as spot in New York if not otherwise stated.



TABLE 92.—*Rapeseed oil, in barrels: Average price per pound at New York, by months, 1917-1926*

Year	BLOWN											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	15.5	15.5	15.5	18.0	19.3	20.3	20.3	20.3	21.0	22.3	23.0	23.7
1918	23.1	23.5	23.7	24.0	25.7	25.3	25.2	25.9	25.7	26.0	26.0	22.3
1919	22.7	22.3	21.3	21.0	21.0	21.7	22.7	22.7	21.3	22.2	22.0	21.3
1920	22.3	22.4	23.3	22.8	23.4	23.4	22.3	18.7	19.0	20.3	18.7	17.3
1921	16.6	15.2	15.2	13.3	12.4	12.0	13.0	13.7	12.3	12.7	12.7	12.7
1922	12.5	12.2	12.3	12.3	11.5	12.3	12.5	12.7	12.0	12.0	12.3	12.3
1923	12.5	12.7	13.0	13.3	13.3	13.3	13.3	13.3	13.3	12.7	12.6	12.0
1924	12.7	13.7	14.0	14.0	13.7	12.9	12.8	13.1	13.3	14.0	14.0	14.3
1925	14.7	14.3	14.0	14.0	14.0	14.0	14.0	14.2	14.9	15.5	15.0	14.7
1926	14.7	14.3	13.7	13.3	13.3	14.0	14.0	14.0	14.0	13.7	13.0	12.7

Year	REFINED											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	14.8	14.8	14.8	16.7	17.7	19.3	19.3	18.9	20.3	21.7	22.3	22.0
1918	23.0	22.3	23.0	23.0	23.7	23.7	21.3	23.7	23.3	25.1	22.7	22.5
1919	22.3	20.7	19.7	19.7	20.3	20.8	21.0	21.7	20.3	20.7	10.7	20.3
1920	20.8	21.5	22.7	21.0	22.3	22.0	21.3	19.0	17.7	18.3	16.7	15.0
1921	14.5	14.0	14.0	12.7	11.7	11.3	11.8	12.0	12.0	11.5	11.3	11.1
1922	11.1	11.2	11.3	11.1	11.1	11.2	11.2	11.1	10.8	10.5	10.4	10.7
1923	11.2	11.3	11.3	11.3	11.3	11.9	10.5	10.1	10.1	10.1	9.9	9.9
1924	11.0	11.8	12.1	12.0	11.3	10.5	10.5	11.1	11.5	12.3	12.0	13.1
1925	13.2	12.9	12.6	12.3	13.1	13.2	13.1	13.4	13.6	13.3	12.7	12.3
1926	12.3	11.9	11.3	11.2	11.3	11.6	11.7	11.5	11.3	11.1	10.6	10.4

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month.

TABLE 93.—*Sesame oil, refined, in barrels: Average price per pound at New York, by months, 1917-1926*

Year												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917	17.3	17.3	17.3	17.3	21.7	(1)	(1)	(1)	43.3	43.3	43.3	44.3
1918	44.3	44.3	44.3	36.7	(1)	(1)	(1)	(1)	40.0	45.0	50.0	30.7
1919	38.2	33.3	23.8	20.5	33.3	32.3	31.7	32.0	(1)	(1)	(1)	(1)
1920	(1)	(1)	27.9	29.9	(1)	(1)	(1)	(1)	(1)	30.0	28.5	27.0
1921	26.0	22.0	22.0	22.0	20.0	20.0	20.0	20.0	18.0	18.0	17.5	17.0
1922	15.3	15.3	15.3	15.0	14.7	14.7	14.7	14.7	(1)	(1)	16.7	16.7
1923	13.7	16.7	15.7	12.5	12.5	12.2	12.9	11.8	11.5	11.6	12.8	13.2
1924	13.5	13.2	11.7	11.5	11.2	10.8	10.9	12.4	12.9	12.8	13.2	14.5
1925	15.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	14.2	13.0	13.0	13.0
1926	13.2	13.5	13.5	13.2	13.0	14.5	14.5	14.5	14.5	14.0	13.2	13.0

<sup>1</sup> No spot quotation available.

Compiled from the Oil, Paint, and Drug Reporter; average of the high and low price per pound each month. All prices are quoted as spot in New York if not otherwise stated.

TABLE 94.—Soy-bean oil: Price per pound at New York, by months, 1917-1926

Year	ORUDE											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1917	Cents 12.1	Cents 12.2	Cents 13.2	Cents 13.8	Cents 14.2	Cents 14.8	Cents 13.2	Cents 13.8	Cents 14.7	Cents 15.5	Cents 16.0	Cents 17.5
1918	18.1	18.6	19.2	19.6	19.2	18.2	18.2	18.2	18.2	18.4	17.6	16.4
1919	15.0	12.9	13.0	14.8	17.1	18.8	20.0	10.2	17.6	17.6	17.6	18.2
1920	18.8	18.2	18.8	18.1	17.4	16.9	15.5	14.1	13.0	13.1	11.1	9.2
1921	8.8	6.6	6.2	7.0	7.5	7.8	8.1	8.6	8.4	9.2	8.8	9.0
1922	8.8	9.0	10.6	11.2	(1)	(1)	(1)	(1)	(1)	(1)	10.2	10.5
1923	10.9	11.6	12.1	12.8	12.8	12.5	12.0	11.5	11.0	10.0	10.9	11.2
1924	11.0	12.5	12.1	11.8	12.0	11.0	12.4	12.6	12.5	12.0	13.0	13.2
1925	13.2	13.6	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
1926	13.4	13.4	13.4	13.4	13.4	13.5	14.0	14.0	14.0	14.0	13.0	12.0

## REFINED, IN BARRELS:

1917	12.1	13.0	13.5	13.8	14.6	15.0	14.4	14.2	14.0	15.0	16.8	17.6
1918	18.2	18.9	19.2	19.6	19.1	18.4	18.2	18.2	18.4	18.4	17.2	17.0
1919	14.5	17.0	17.0	18.5	21.5	22.0	23.5	23.0	10.5	20.0	22.0	20.5
1920	22.0	21.2	21.0	20.0	19.0	18.0	17.0	10.0	15.5	15.5	18.5	11.5
1921	9.0	6.0	8.4	9.0	10.0	8.5	9.0	8.8	8.8	9.8	10.9	10.5
1922	10.1	10.9	11.8	11.9	11.9	12.0	12.0	12.0	12.0	11.5	11.5	11.5
1923	12.0	12.6	12.6	13.7	14.0	12.9	12.1	12.1	12.1	11.0	11.5	11.8
1924	11.8	13.4	13.4	12.6	13.2	13.1	13.1	13.5	14.5	14.4	14.4	14.4
1925	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.1
1926	14.1	14.1	14.1	14.1	14.1	14.2	14.8	14.8	14.8	14.0	14.0	14.0

<sup>1</sup> No spot quotation available.

<sup>2</sup> From January, 1917-January, 1919, quotations are for "Manchuria grade spot"; beginning May, 1924, quotations are for "soy-bean oil, blown, in barrels."

Compiled from the Oil, Paint, and Drug Reporter. Average of the high and low price per pound Saturday nearest the 15th of each month. All quotations are spot in New York, if not otherwise stated.

TABLE 95.—Soy-bean oil: Monthly average price per pound, Great Britain, 1925-1927

Market and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>HULL<sup>1</sup></b>												
1925	Cents 8.04	Cents 8.09	Cents 8.20	Cents 9.45	Cents 9.29	Cents 8.85	Cents 8.26	Cents 7.66	Cents 8.26	Cents 8.42	Cents 8.42	Cents 8.69
1926	9.40	9.72	9.67	8.56	8.58	8.69	8.64	8.86	9.69	9.89	9.72	9.67
1927	9.51	8.85	8.11	8.64	8.80	9.12	9.07	9.23	9.12	9.02	8.69	8.85
1928	8.04	8.31	7.84	7.03	7.88	8.20	8.26	8.15	7.88	7.66	7.60	7.60
<b>LONDON<sup>2</sup></b>												
1926	9.25	8.69	8.82	8.91								
1927	8.80	8.50	8.55	8.47								

<sup>1</sup> Compiled from Fehr, F., & Co., Review of the Oilseed and Oil Markets for 1926, 72 p., illus. London, [1927.]

<sup>2</sup> Compiled from London Grocer and Oil Trade Review.

<sup>3</sup> Average for 3 weeks.

TABLE 96.—Tallow: Average price per pound at New York by months, 1917-1926

## CITY PRIME, LOOSE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1917.....	10.9	11.2	12.1	14.0	17.1	17.4	15.4	15.4	15.5	15.8	16.1	17.0
1918.....	(1)	17.0	16.6	18.8	18.6	16.4	15.4	17.4	18.4	18.5	18.5	14.5
1919.....	10.2	7.2	8.0	11.4	12.0	13.8	(1)	(1)	15.1	16.0	16.0	15.1
1920.....	(1)	12.5	13.6	(1)	13.2	10.0	9.0	9.6	9.5	8.8	(1)	4.0
1921.....	5.1	5.0	4.2	4.1	4.1	3.8	3.4	4.2	5.2	5.1	4.5	4.8
1922.....	5.0	5.2	5.0	5.5	5.5	5.5	5.4	5.4	5.4	5.8	6.3	7.2
1923 <sup>1</sup> .....	8.4	8.2	8.7	8.6	7.5	7.1	6.6	6.8	7.5	7.3	7.8	7.7
1924 <sup>1</sup> .....	8.1	7.0	7.5	7.2	7.0	6.9	7.4	8.3	8.2	0.0	0.6	10.3
1925 <sup>1</sup> .....	10.4	9.0	9.2	8.0	8.6	8.8	9.2	9.6	9.3	9.9	9.8	9.9
1926.....	9.6	9.3	9.1	8.3	8.4	8.9	8.4	8.2	8.3	7.9	7.2	7.1

## EDIBLE IN DRUMS

1917.....	12.4	12.9	13.8	15.2	18.8	16.0	16.8	16.0	18.0	18.7	18.8	18.0
1918.....	(1)	(1)	17.0	18.2	18.0	17.9	18.8	10.1	10.8	21.2	20.8	18.8
1919.....	15.0	10.2	12.2	18.5	25.0	23.0	20.2	22.5	18.5	18.5	17.8	17.8
1920.....	19.6	18.0	17.2	16.5	15.5	13.2	12.4	12.4	13.5	14.2	11.2	8.5
1921.....	3.6	3.6	6.2	6.0	6.6	0.2	6.2	7.4	7.8	7.3	7.5	8.0
1922.....	8.0	8.2	8.5	8.5	8.6	8.0	8.0	7.8	7.8	8.1	9.1	9.2
1923.....	9.2	9.2	9.9	10.0	9.1	8.5	7.6	7.9	9.0	9.1	9.4	9.2
1924.....	9.4	9.1	8.9	8.5	8.4	8.1	8.9	10.1	10.1	10.8	10.6	11.8
1925.....	11.0	10.4	10.5	10.0	10.5	10.5	10.9	11.4	11.4	11.5	11.4	11.5
1926.....	11.1	10.6	10.1	9.5	9.0	10.5	10.4	10.1	10.4	9.2	8.6	8.2

<sup>1</sup> No spot quotations available.<sup>1</sup> Prices for 1923-1925 are for tallow, special loss.

Compiled from National Provisioner and Oil Paint and Drug Reporter. Average of the high and low price per pound each month.

TABLE 97.—Whale oil: Average price per pound, by months, 1918-1926

## BLEACHED WINTER, IN BARRELS, AT NEW YORK

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1918.....	16.1	16.1	(1)	17.3	17.3	17.3	17.3	20.4	20.4	20.4	20.4	20.2
1919.....	20.9	17.3	17.3	15.9	14.5	16.0	15.7	17.5	17.5	17.3	18.0	17.1
1920.....	16.7	17.3	17.0	17.8	17.6	17.8	17.5	16.9	16.9	16.5	14.7	13.3
1921.....	12.9	11.1	11.1	9.9	9.5	9.1	9.3	8.9	8.7	9.0	9.3	9.3
1922.....	9.3	9.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1923.....	10.0	10.0	10.0	10.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1924.....	10.4	10.4	10.4	10.4	10.4	10.3	10.2	10.1	10.1	10.0	10.4	10.0
1925.....	10.0	10.0	10.8	10.8	10.8	10.8	10.6	10.3	10.3	10.3	10.5	10.7
1926.....	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7

## CRUDE No. 1 SELLERS' TANKS, F. O. B., PACIFIC COAST

1918.....	(1)	(1)	14.3	15.7	17.3	17.3	(1)	18.0	18.0	18.0	15.5	14.7
1919.....	13.7	13.1	13.1	10.5	12.0	13.0	(1)	11.6	15.7	14.9	14.7	14.4
1920.....	14.0	14.0	14.0	14.0	(1)	(1)	13.2	11.7	12.0	10.9	6.2	5.5
1921.....	5.0	5.0	5.0	5.0	5.0	4.7	4.0	4.0	4.3	5.0	5.0	5.0
1922.....	5.1	5.1	5.1	5.1	5.1	5.1	5.5	8.0	6.0	6.0	6.0	6.0
1923.....	0.5	6.9	7.3	7.3	7.0	6.4	6.2	6.0	6.0	6.0	6.0	6.0
1924.....	6.5	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
1925.....	7.2	7.2	7.2	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
1926.....	7.2	7.2	7.2	7.2	7.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0

<sup>1</sup> No spot quotations available.

Compiled from the Oil, Paint and Drug Reporter; average of the high and low price per pound each month.

TABLE 98.—Production of animal and fish fats and oils in the United States, 1912, 1914, 1916-1926

Fat or oil	1912	1914	1916	1917	1918	1919	1920
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bone grease.....	29,528	42,204	34,389	31,020	24,817	22,524	29,749
Cod and cod-liver.....	372	394	367	439	712	908	1,471
Garbage grease.....	30,411	44,088	60,212	65,280	53,478	50,823	63,141
Herring.....	1,888	1,512	1,470	1,637	774	1,431	2,853
Lard.....	727,744	887,580	1,086,581	968,289	1,006,757	1,084,036	1,257,458
Lard neutral.....	51,414	51,303	76,163	52,548	81,289	90,032	77,690
Menhaden.....	33,009	16,285	20,598	18,040	12,370	12,828	27,573
Neat's-foot.....	5,181	5,158	7,230	8,317	9,764	7,645	6,212
Oleo stock.....	122,568	143,247	152,082	163,188	145,929	(1)	(1)
Sperm.....	4,033	2,465	4,560	3,507	743	650	3,126
Tallow.....	202,946	227,339	275,511	268,825	304,891	288,360	301,346
Wheat.....	931	632	1,001	1,193	431	8,712	23,052
Wool grease and recovering grease.....	7,206	9,370	14,137	13,839	21,020	20,436	19,856
Miscellaneous animal.....	1,980	1,470	2,049	2,049	7,559	(1)	(1)
Miscellaneous fish.....	1,001	1,333	1,931	3,078	954	8,332	7,952
Miscellaneous greases.....	95,277	133,195	129,871	113,748	165,509	184,808	242,789
Total.....	1,315,539	1,568,245	1,870,057	1,805,727	1,838,985	1,781,585	2,054,205

Fat or oil	1921	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bone grease.....	26,775	27,325	27,992	26,762	24,477	22,749
Cod and cod-liver.....	374	639	708	798	1,071	1,358
Garbage grease.....	53,638	64,138	67,425	77,878	78,358	79,868
Herring.....	2,129	6,594	14,337	27,470	41,741	39,225
Lard.....	1,454,855	1,575,640	1,944,862	1,934,545	1,806,892	1,578,925
Lard neutral.....	83,110	49,432	69,991	68,324	46,629	46,423
Menhaden.....	46,954	53,270	55,990	29,429	46,619	30,517
Neat's-foot.....	6,954	8,807	8,397	5,506	9,247	9,650
Oleo stock.....	(1)	(1)	(1)	(1)	(1)	(1)
Sperm.....	1,285	2,981	1,579	758	1,090	75
Tallow.....	368,143	411,826	436,669	439,971	428,687	483,495
Wheat.....	2,658	13,973	10,098	8,563	8,071	9,495
Wool grease and recovering grease.....	17,550	17,694	22,322	19,767	19,756	18,851
Miscellaneous animal.....	(1)	(1)	(1)	(1)	(1)	(1)
Miscellaneous fish.....	2,285	1,762	2,622	2,066	2,571	1,978
Miscellaneous greases.....	242,924	268,581	261,401	271,857	237,803	244,006
Total.....	2,289,614	2,502,539	2,945,633	2,916,694	2,452,012	2,560,676

1 No data.

Data for years prior to 1919 compiled from the United States Department of Agriculture Bulletin No. 769; 1919-1925, annual reports animal and vegetable fats and oils, Bureau of the Census.

TABLE 99.—Production of principal vegetable oils in the United States, 1912, 1914, 1916-1926

Oil	1912	1914	1916	1917	1918	1919 <sup>1</sup>	1920 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	23,359	20,423	22,766	22,902	14,154	24,037	24,187
Coconut, <sup>2</sup> or copra.....	31,729	38,272	104,727	188,458	341,236	215,542	131,210
Corn <sup>3</sup> .....	72,832	01,810	109,063	118,021	111,055	97,400	98,619
Cottonseed <sup>4</sup> .....	1,435,401	1,789,777	1,492,430	1,349,640	1,283,823	1,429,048	1,142,671
Linseed.....	461,656	507,422	631,686	482,100	375,452	452,928	485,272
Mustard seed.....	360	303	720	1,088	1,296	139	643
Olive edible.....	955	1,128	1,462	933	018	102	8
Olive inedible.....							
Palm kernel <sup>5</sup> .....	3,200	402	{ \$ 803 8,619 }	0,453	3,784	2,617	2,671
Peanut <sup>6</sup> .....	454	1,006	28,634	50,493	95,934	87,607	13,085
Raisin seed.....	320	435	752	937	680		
Rapeseed.....	90	19	223	232	139	1,237	409
Sesame.....		30	190	304	299		
Shea nut.....			3,974	81			
Soy bean <sup>7</sup> .....		2,761	9,920	42,074	79,801		
Miscellaneous.....	1,114	1,568	2,219	1,268	409	2,083	1,610
Total.....	2,031,481	2,455,362	2,318,806	2,250,098	2,308,685	2,315,040	1,900,391

Oil	1921 <sup>1</sup>	1922 <sup>1</sup>	1923 <sup>1</sup>	1924 <sup>1</sup>	1925 <sup>1</sup>	1926 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Castor.....	20,595	31,489	37,382	37,431	45,050	40,652
Coconut, <sup>2</sup> or copra.....	113,104	185,626	235,919	191,357	207,601	260,712
Corn <sup>3</sup> .....	87,481	111,509	111,343	117,065	104,153	120,041
Cottonseed <sup>4</sup> .....	1,277,390	934,628	973,753	1,151,431	1,510,802	1,760,530
Linseed.....	482,918	456,514	653,551	705,536	763,822	720,110
Mustard seed.....						
Olive edible.....	975	685	574	1,500	532	1,353
Olive inedible.....	74		( <sup>5</sup> )	24		19
Palm kernel <sup>5</sup> .....	1,327					
Peanut <sup>6</sup> .....	33,234	22,644	5,359	6,601	15,156	10,611
Raisin seed.....						173
Rapeseed.....	128	58		30		
Sesame.....						
Shea nut.....						
Soy bean <sup>7</sup> .....		751	1,404	950	2,520	2,615
Miscellaneous.....	1,203	3,280	6,077	6,035	1,119	1,495
Total.....	2,018,429	1,746,900	2,025,375	2,221,715	2,650,738	2,924,401

<sup>1</sup> Figures for 1919-1926 represent crude oils only, except castor, linseed, and rapeseed, which are not so designated.

<sup>2</sup> Figures represent total production 1912-1918 of edible and inedible oil. As edible oil is obtained from inedible, there may be some duplication in these figures.

<sup>3</sup> Figures represent total production 1912-1918 of edible and inedible oil. 1919-1926 crude and virgin oil.

<sup>4</sup> Figures represent total production of crude oil only.

<sup>5</sup> Coquito.

<sup>6</sup> Less than 500 pounds.

Compiled from U. S. Department of Agriculture Bulletin No. 769, 1912-1918; annual reports, animal and vegetable fats and oils, Bureau of the Census 1919-1926.

TABLE 100.—Estimated production of fats and oils in the United States, 1912, 1914, 1916-1926<sup>1</sup>

Fats and oils	1912	1914	1916	1917	1918	1919	1920
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Vegetable oils <sup>2</sup>	2,031,481	2,465,362	2,318,860	2,259,098	2,308,083	2,315,040	1,900,394
Animal and fish fats and oils	1,315,539	1,568,245	1,870,057	1,605,727	1,858,005	1,781,538	2,054,265
Total	3,347,020	4,033,607	4,188,917	3,864,825	4,117,630	4,096,625	3,954,659
Butterfat (farm) <sup>3</sup>	1,060,000	1,613,736	870,610	733,225	777,009	707,696	675,000
Butterfat (factory) <sup>4</sup>	581,000	652,892	630,825	637,503	664,492	868,125	863,577
Total <sup>5</sup>	2,241,000	2,266,118	1,510,435	1,370,728	1,441,502	1,575,791	1,538,577
Grand total	5,588,020	6,299,725	5,699,352	5,235,553	5,559,132	5,672,416	5,493,236

Fats and oils	1921	1922	1923	1924	1925	1926, pre- liminary
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Vegetable oils <sup>2</sup>	2,018,429	1,746,996	2,025,375	2,221,716	2,630,758	2,924,404
Animal and fish fats and oils	2,229,611	2,502,520	2,915,633	2,916,691	2,452,012	2,690,675
Total	4,248,040	4,249,516	4,941,008	5,138,407	5,082,770	5,615,079
Butterfat (farm) <sup>3</sup>	650,000	625,000	610,000	612,803	530,000	615,000
Butterfat (factory) <sup>4</sup>	1,054,938	1,153,615	1,212,214	1,355,080	1,361,526	1,451,766
Total <sup>5</sup>	1,704,938	1,778,615	1,822,214	1,967,883	1,931,526	2,066,766
Grand total	6,012,981	6,028,131	6,823,222	7,106,290	7,014,296	7,681,845

<sup>1</sup> These data do not include derivative products.

<sup>2</sup> Data for 1912-1918 include both edible and inedible material, corn, palm kernel, peanut and soy-bean oil; all other data included in total represent edible oils only.

<sup>3</sup> The figures for farm butterfat are based on reports from various sources and are believed by the authors to be at least 90 per cent correct.

<sup>4</sup> Butterfat figures from the Bureau of Dairy Industry, United States Department of Agriculture, 1910-1926.

<sup>5</sup> Does not include whey butter.

Data prior to 1919 compiled from the United States Department of Agriculture Bulletin No. 769; 1919 to 1926, from annual reports animal and vegetable fats and oils, Bureau of the Census.

TABLE 101.—Cottonseed: Production in principal countries, average 1909-1913, annual 1922-1926

Country	Year beginning Aug. 1 -					
	Average 1909 to 1913	1922	1923	1924	1925	1926 <sup>1</sup>
United States	1,600 pounds	1,600 pounds	1,600 pounds	1,600 pounds	1,600 pounds	1,600 pounds
India	11,618,000	8,672,600	9,004,000	12,102,000	11,300,000	15,904,000
China	3,921,200	4,727,500	4,810,000	5,673,000	5,627,300	4,618,000
China	2,478,511	2,586,532	2,218,026	2,410,510	2,267,054	1,618,000
Egypt	1,314,695	1,576,162	1,338,356	1,482,118	1,604,922	1,476,000
Brazil, Asiatic	921,102	61,528	216,800	508,462	831,106	850,000
Brazil	839,956	734,588	757,172	578,586	652,208	652,208
Mexico	421,161	224,404	194,224	331,878	225,248	442,000
Persia <sup>2</sup>	123,432	36,100	72,658	65,000	.....	.....
Turkey, Asiatic	113,730	.....	.....	87,221	117,302	.....
Persia	133,976	171,000	169,700	164,000	.....	.....
Uganda	22,650	82,678	119,878	182,704	177,216	.....
Chosen (Korea)	21,631	104,024	113,700	122,618	125,682	164,000
Argentina	12,274	24,502	67,686	78,866	150,322	.....
Anglo-Egyptian Sudan	16,100	25,418	42,628	45,356	118,738	120,000

<sup>1</sup> Preliminary. Computed from lint production using the ratio of the previous year for each country.

<sup>2</sup> Average 1916 to 1918.

<sup>3</sup> Average 1911 to 1913.

<sup>4</sup> Average 1910 to 1913.

<sup>5</sup> Exports of cotton reduced to terms of seed.

<sup>6</sup> Season 1910-11.

Official sources and International Institute of Agriculture, except as otherwise stated. Estimates of oil content range from 17 to 38 per cent.

TABLE 102.—*Flaxseed: Production in principal countries, average 1909-1913, annual 1922-1926*

Country	Average 1909-1913 <sup>1</sup>	1922	1923	1924	1925	1926
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Argentina.....	1,742,530	2,061,290	3,243,268	2,524,686	4,200,352	3,860,000
India.....	1,152,300	1,193,920	1,034,880	1,122,210	893,240	612,000
United States.....	1,004,380	581,000	055,360	1,706,632	1,255,744	1,080,704
Canada.....	674,204	280,476	330,812	542,020	520,638	906,610
Russia.....	1,003,104	618,408	749,224	024,440	1,328,880	1,451,620
Total, 5 countries.....	5,720,674	5,338,094	6,387,544	6,880,018	8,296,854	7,688,036
Estimated world total.....	6,226,400	5,758,400	6,858,800	7,426,200	8,858,600	

<sup>1</sup> Where changes in boundary have occurred averages are estimates for territory within present boundaries.

Official sources and International Institute of Agriculture, except as otherwise stated. Estimates of oil content range from 30 to 40 per cent.

TABLE 103.—*Hempseed: Production in principal countries, average 1909-1913, annual 1922-1926*

Country	Average, 1909-1913 <sup>1</sup>	1922	1923	1924	1925	1926
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Russia.....	842,008	616,954	742,610	720,282	1,246,000	1,242,000
Austria.....	1,040	244	228	424	380	300
Belgium.....		208	188	90	62	
Bulgaria.....	2,582	2,682	2,180			4,800
Chile.....	2,968	2,968	2,500	2,518	3,614	
Czechoslovakia.....	8,288	11,358	7,358	7,358	2 (3,000)	3 (3,000)
France.....	15,450	4,690	13,842	11,658	15,858	12,030
Hungary.....	13,160	9,130	2,642	2,848	4,714	2,280
Latvia.....	1,048		7,280	10,360	15,600	2 (10,000)
Lithuania.....	2,052		204			
Poland.....	38,890	57,010	64,500		5,172	4,410
Rumania.....	40,200	38,828	36,168	51,100	65,972	00,400
Spain.....		30,570	30,168	31,192	22,722	44,854
Yugoslavia.....	16,420		20,004	8,480	7,360	3,700
Netherlands.....	50					

<sup>1</sup> Where changes in territory have occurred as a result of the World War estimates have been adjusted to correspond with the area within the post-war boundaries.

<sup>2</sup> Rough estimate inserted so that country may be included in comparable total.

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content range from 18 to 36 per cent of seed.

TABLE 104.—*Mustard seed: Production in principal countries, average 1909-1913, annual 1922-1925*

Country	Average, 1909-1913	1922	1923	1924	1925
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Czechoslovakia.....		1,310	1,514	1,410	1,240
Netherlands.....	6,792	5,454	5,010	7,034	6,774
Rumania.....	32	2		94	28
England and Wales.....				36,000	22,000

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content range from 21 to 33 per cent. In most countries mustard seed is included in statistics of rapeseed production. It is therefore impossible to give a separate total for mustard seed. India is known to be by far the largest producer.

TABLE 105.—Olive oil: Production in principal countries, average 1909-1918, annual 1922-1926

Country	Average 1909-1918	1922	1923	1924	1925	1926, preliminary
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Spain.....	484,345	637,361	653,885	738,059	722,178	611,460
Italy.....	390,000	557,030	391,890	450,035	285,210	441,000
Greece.....	216,081	107,030	107,030	284,651	126,524	193,578
Portugal.....	150,138	63,930	95,920	69,730	84,785	35,272
Algeria.....	66,072	66,132	69,189	62,477	65,134	24,283
Tunis.....	47,104	46,100	48,500	48,500	74,059	88,185
France.....	19,810	31,770	31,770	18,000	15,433	17,640
Morocco.....	13,400	15,870	19,180	19,180	22,046	4,406
Palestine.....	7,280	5,238	10,805	10,805	5,928	.....
Syria.....	16,597	20,452	22,929	22,929	12,655	12,123
Aloufites.....	3,000	3,056	22,929	22,929	4,406	3,310
Greater Lebanon.....	22,948	5,510	11,240	11,240	4,406	15,433
Turkey.....	100,508	198,920	177,100	18,000	18,000	.....
Cyprus.....	1,170	2,310	4,231	4,231	883	.....
Yugoslavia.....	12,734	7,010	11,325	11,325	3,020	9,700
United States <sup>1</sup> .....	1,906	585	574	1,528	532	691

<sup>1</sup> Unofficial trade estimate.<sup>2</sup> Consul estimate based on 1924 production.<sup>3</sup> Year 1911.<sup>4</sup> Factory production as reported by the Bureau of the Census.<sup>5</sup> Average 1911-1913.<sup>6</sup> 1912 only.<sup>7</sup> Consular report.

Official sources and International Institute of Agriculture except as otherwise stated

TABLE 106.—Peanuts: Production in principal countries, average 1909-1918, annual 1922-1926

Country	Average 1909-1918	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
India.....	1,338,200	2,768,000	2,374,000	3,320,000	4,478,000	4,320,000
China <sup>1</sup> .....	.....	301,384	718,210	1,147,120	949,104	(2)
Philippines.....	.....	5,050	4,230	.....	.....	.....
Argentina.....	.....	89,835	83,191	100,574	161,176	.....
Chosen.....	.....	1,000	953	1,040	.....	.....
Dutch East Indies <sup>3</sup> .....	.....	576,044	473,194	467,858	404,000	.....
Egypt.....	.....	35,204	22,238	17,400	21,174	.....
Formosa.....	25,268	51,806	43,570	58,470	45,442	.....
Japan.....	37,030	39,440	37,314	30,870	.....	.....
Kwantung.....	4344	24,444	42,468	67,268	.....	.....
Mexico.....	.....	2,886	.....	.....	15,024	.....
Paraguay.....	.....	22,738	21,450	22,752	.....	.....
Rhodesia.....	.....	2,572	2,792	568	.....	.....
Senegal.....	.....	729,800	791,400	654,000	681,000	.....
Nigeria.....	11,484	53,514	51,260	175,314	284,984	.....
Gambia (exports).....	.....	115,192	143,788	185,792	107,088	.....
Spain.....	488,876	67,688	67,350	70,684	71,140	66,000
Union of South Africa.....	.....	10,312	14,378	.....	.....	.....
United States.....	4,427,148	633,114	647,702	746,058	608,476	626,808

<sup>1</sup> Rough estimate of exports of shelled and unshelled nuts and peanut oil reduced to unshelled basis taking 100 pounds unshelled equals 60 pounds kernels and 100 pounds kernels equals 35 pounds oil.<sup>2</sup> Trade reports indicate of crop of about 30 per cent below the previous crop and unsettled political conditions will probably hinder exports to some extent.<sup>3</sup> Native crop.<sup>4</sup> Three-year average 1911-1913.<sup>5</sup> One year only, 1913.<sup>6</sup> One year only 1909.

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content of kernel range from 35 to 50 per cent, of the unshelled nut 28 per cent. Figures in the table are given in terms of unshelled nuts. The ratio of unshelled to shelled is approximately 1.5 to 1.



TABLE 107.—*Poppy seed: Production in principal countries, average 1909-1913, annual 1922-1925*<sup>1</sup>

Country	Average 1909-1913 <sup>1</sup>	1922	1923	1924	1925
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Austria.....	2,246	2,526	2,356	2,866	3,772
Bulgaria.....	180	270	172	191	428
Czechoslovakia.....	12,992	12,170	17,362	14,676	14,808
France.....	9,214	1,420	1,426	706	844
Hungary.....			8,278	5,836	5,908
Netherlands.....	<sup>2</sup> 1,680	8,396	7,570	6,294	5,128
Rumania.....	53	92	190	432	14
Yugoslavia.....	1,580	3,431	2,960	2,836	3,080
Poland.....	712	3,000	3,791	4,324	4,288

<sup>1</sup> No estimates are available for India and Russia, large producing countries, and such minor countries, as Macedonia, Turkey, Persia, and China.

<sup>2</sup> Where changes in territory have occurred as a result of the World War estimates have been adjusted to correspond with the area within the post-war boundaries.

<sup>3</sup> Average 1912-13 estimate calculated on basis of area shown in 1912 and 1913 and average production per acre 1917-1925.

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content range from 41 to 50 per cent.

TABLE 108.—*Rapeseed: Production in principal countries, average 1909-1913, annual 1922-1926*

Country	Average 1909-1913 <sup>1</sup>	1922	1923	1924	1925	1926
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
India <sup>2</sup> .....	2,766,000	2,768,000	2,589,000	2,730,000	2,036,000	( <sup>3</sup> )
Austria.....	11,872	2,446	2,319	2,585	2,810	
Belgium.....	3,612	1,519	1,348	1,221	898	868
Bulgaria.....	16,368	958	1,556	246	3,050	5,246
Czechoslovakia.....	20,728	9,374	10,548	9,296	8,648	7,952
Formosa.....	600	180	150			
France <sup>4</sup> .....	102,350	66,594	65,650	57,674	61,622	
Hungary.....	25,880	16,856	31,761	15,878	30,564	34,000
Japan.....	260,032	174,420	156,406	150,671		
Netherlands.....	7,522	1,054	9,610	36,480	11,100	11,620
Poland.....	62,232	81,564	105,264	85,848	115,431	101,800
Rumania.....	121,326	42,232	36,700	17,280	77,472	36,952
Russia (European).....	<sup>5</sup> 68,352					
Yugoslavia.....	14,000	4,252	4,032	3,252	4,562	

<sup>1</sup> Where changes in territory have occurred as a result of the World War estimates have been adjusted to correspond with the area within the post-war boundaries.

<sup>2</sup> Includes mustard seed but consists chiefly of rapeseed.

<sup>3</sup> The second estimate of average is 3 per cent below the corresponding figure for last year.

<sup>4</sup> Cana seed and Navette seed.

<sup>5</sup> Reported as two-year average.

Compiled from official sources, International Institute of Agriculture, and consular reports, except as otherwise stated. Estimates of oil content range from 33 to 43 per cent. No estimates are available for China, one of the leading producing countries.

TABLE 109.—*Sesame: Production in principal countries, average 1909-1913, annual 1922-1926*<sup>1</sup>

Country	Average 1909-1913	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
India.....	1,051,000	1,080,000	878,000	1,150,000	938,000	912,000
Bulgaria.....	<sup>2</sup> 1,038	2,660	2,540	3,556	4,714	4,000
Chosen.....		0,016	0,008	8,794	8,764	
Egypt.....		11,376	10,410	9,642		
Formosa.....	7,520	3,652	2,900		3,916	
Greece.....		5,200	3,954			5,644
Japan.....		8,132	8,514	7,774		
Mexico.....		0,938	5,720	14,000	22,440	
Siam.....		1,828	2,018	1,214	3,402	
Tunganyika.....		6,222	0,634	18,690	17,542	

<sup>1</sup> No estimates are available for China, one of the leading producing countries.

<sup>2</sup> Estimate has been adjusted to correspond with the area within postwar boundaries.

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content range from 35 to 65 per cent.

TABLE 110.—*Soy beans: Production in principal countries, average 1909-1913, annual 1922-1926*

Country	Average 1909-1913	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
China <sup>1</sup> .....		3,047,880	5,271,800	6,107,240	5,300,510	<sup>2</sup> 4,859,000
Chosen <sup>3</sup> .....	609,238	1,386,994	1,425,580	1,123,402	1,416,540	1,305,640
Dutch East Indies <sup>4</sup> .....		227,244	214,440	216,216	311,000	<sup>5</sup> 214,000 312,000
Japan.....	1,060,478	1,117,322	1,054,000	995,778		
Kwantung.....	<sup>6</sup> 35,014					
United States.....		319,020	536,040	340,800	300,000	391,000

<sup>1</sup> Rough estimate of exports of soy beans and soy-bean oil in terms of soy beans using ratio 1 pound soy-bean oil equals 10 pounds soy beans.

<sup>2</sup> The crop was reported to be about 10 per cent below that of 1925 according to trade estimates. Unsettled conditions may result in decreased exports.

<sup>3</sup> Four-year average 1910-1913.

<sup>4</sup> Native crop.

<sup>5</sup> Assuming a range equal to that between the highest and lowest crops here reported for the Dutch East Indies.

<sup>6</sup> Three-year average, 1911-1913.

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content range from 10 to 21 per cent.

TABLE 111.—*Sunflower seed: Production in principal countries, average 1909-1913, annual 1922-1926*

Country	Average 1909-1913 <sup>1</sup>	1922	1923	1924	1925	1926
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Russia (European).....	<sup>2</sup> 781,920	<sup>3</sup> 3,339,000	<sup>4</sup> 3,704,200	<sup>5</sup> 3,221,000	<sup>6</sup> 5,886,000	<sup>7</sup> 3,900,000 to 4,870,000
Russia (Asiatic).....	<sup>8</sup> 14,188					
Austria.....	106					
Bulgaria.....		14,120	12,418	23,420	38,180	
Hungary.....			24,000	42,244	40,608	
Roumania.....	<sup>9</sup> 7,844	55,246	119,310	132,404	99,662	314,000
Yugoslavia.....	38					
Australia.....	08					

<sup>1</sup> Where changes in territory have occurred as a result of the World War, estimates have been adjusted to correspond with the area within postwar boundaries.

<sup>2</sup> Three-year average, 1911-1913.

<sup>3</sup> Includes Asiatic Russia.

<sup>4</sup> Two-year average, 1912-13.

Compiled from official sources, International Institute of Agriculture, and consular reports. Estimates of oil content range from 21 to 50 per cent.

TABLE 112.—Revenue derived from the tariff on animal and fish oil, fats and greases, imported into the United States, 1913-1926

Oil	Year ended June 30					Year ended Dec. 31								
	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.
Cod.....	37	5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Cod liver.....	39	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Sperm.....	(7)	13	7	5	4	5	16	8	(5)	6	13	7	28	14
Other whale.....	93	21	30	11	21	18	20	4	18	214	231	300	428	314
Other fish oils, herring, cod, etc.....	42	22	13	22	68	53	16	17	5	11	36	40	37	105
Seal.....	1	10	14	15	15	19	1	(3)	12	11	30	29	22	30
All other rendered oils and combinations.....	1	4	6	5	6	3	3	(1)	1	(1)	(1)	(1)	(1)	(1)
Tallow.....	2	2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	54	12	9	68
Lard compound and other substitutes.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Oleo stearin.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2	10	9	20
Oleo oil.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Crude wool grease.....	36	31	23	19	12	2	1	10	7	45	42	58	46	52
Refined wool grease.....	10	13	2	1	2	(1)	(1)	(1)	(1)	3	11	11	0	13
Encourage grease not containing alcohol.....	(1)	5	6	2	7	45	20	47	22	48	(1)	(1)	(1)	(1)
All other animal oils, fats, and greases.....	5	17	14	14	4	7	(1)	(1)	(1)	2	3	3	3	3
Total.....	266	145	115	94	130	150	77	86	65	342	424	470	650	628

<sup>1</sup> Free of duty.<sup>2</sup> Not designated.<sup>3</sup> Less than \$500.

Compiled from Foreign Commerce and Navigation of the United States. No data are shown for July-December, 1917.

TABLE 113.—Revenue derived from the tariff on oleaginous raw materials, imported into the United States, 1913-1926

Raw material	Year ended June 30					Year ended December 31								
	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.	dolls.
Cottonseed.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	133	229	317	213	197
Peanuts:														
Shelled.....	78	172	88	146	207	456	101	776	330	235	1,695	2,044	2,480	1,410
Unshelled.....	61	97	53	36	29	6	20	27	39	76	114	133	268	105
Soy beans.....										4	18	21	19	19
Total.....	139	239	141	184	236	462	211	803	369	448	2,056	2,515	2,960	1,731
Castor beans.....	206	162	138	161	115	120	170	180	117	291	443	425	536	504
Flaxseed.....	1,319	1,767	2,075	2,028	2,497	2,487	2,823	4,040	3,251	4,882	9,733	6,635	9,691	8,927
Poppy seed.....	12	9	8	4	1	1	3	9	15	17	20	15	13	17
Sunflower seed.....										(1)	112	22	9	5
Other oil seeds.....	3	19	3	4	6	38	5	28	48	21	(1)	(1)	2	
Total.....	1,679	2,100	2,365	2,281	2,855	3,137	3,212	5,960	3,707	5,650	12,395	9,613	10,150	11,184

<sup>1</sup> The product came in free of duty.<sup>2</sup> Includes flaxseed screenings.<sup>3</sup> Less than \$500.

Compiled from the annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce.

TABLE 114.—Revenue derived from the tariff on vegetable fats and oils imported into the United States, 1913-1926

Oil	Year ended June 30					Year ended December 31								
	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.
Coconut.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	13	51	24	3	(1)	200
Cottonseed.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	1	(1)	(1)	237
Peanut.....	(1)	46	50	88	181	547	1,231	761	72	87	105	203	102	237
Soy bean.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	12	354	831	280	397	650
Total.....	(1)	46	50	88	181	547	1,231	761	97	403	1,051	480	508	1,096
Alizarin assistant (contain- ing castor oil).....	28	21	5	1	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Castor.....	2	23	7	39	30	132	45	21	2	17	31	0	10	13
Hempseed.....	(1)	(1)	(1)	(1)	(1)	4	6	2	(2)	(2)	1	(1)	(1)	2
Linseed.....	26	20	54	6	11	5	214	469	801	1,088	1,410	148	450	317
Olive, edible.....	2,218	1,903	1,751	1,701	1,855	541	1,760	976	2,469	3,832	5,191	5,404	6,217	5,765
Poppy seed.....	(1)	1	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	4
Rapeseed.....	157	160	90	152	90	185	67	103	57	87	127	130	101	166
Sesame.....	(1)	10	3	3	1	23	47	8	(1)	(1)	(1)	(1)	(1)	(1)
Oil and fats changed by vul- canizing, oxidizing, etc.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)	6
Other vegetable oils and fats <sup>1</sup> .....	142	111	16	24	15	32	25	10	72	275	18	81	3	49
Total.....	2,574	2,235	1,977	2,065	2,109	982	3,490	2,359	3,490	6,002	7,830	6,029	7,301	1,653

<sup>1</sup> The products came in free of duty. <sup>2</sup> Includes "others not specially provided for."  
<sup>3</sup> Less than \$500.

Compiled from the annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce.

TABLE 115.—Supply and distribution of edible animal fats in the United States, 1920-1926<sup>1</sup>

Item	1920	1921	1922	1923	1924	1925	1926
Supply:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Stocks at beginning of year.....	64,960	60,705	55,000	51,211	52,037	65,800	49,420
Imports less reexports.....							
Factory production.....	1,372,502	1,550,203	1,674,180	2,038,746	2,064,545	1,603,730	1,683,632
Total.....	1,437,462	1,611,910	1,729,270	2,100,957	2,100,582	1,669,532	1,733,052
Distribution:							
Stocks at end of year.....	60,705	55,000	51,211	52,037	65,800	49,420	55,010
Domestic exports.....	<sup>2</sup> 635,488	<sup>2</sup> 802,864	789,823	1,060,716	972,449	<sup>1</sup> 707,083	<sup>3</sup> 717,087
Total.....	705,193	857,864	841,034	1,112,752	1,038,349	757,103	772,106
Potential disappearance.....	732,269	754,046	888,246	988,205	1,062,233	912,429	960,946

<sup>1</sup> Includes neutral lard, other edible lard, and edible tallow.  
<sup>2</sup> No imports listed, presumably there were none.  
<sup>3</sup> Edible-tallow exports for 1920, 1921, and 1925, are not separately listed. Includes only lard and neutral lard.

Compiled from annual reports, Animal and Vegetable Fats and Oils, Bureau of the Census, and annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce.

TABLE 116.—Supply and distribution of fish oils in the United States, 1920-1926

Item	1920	1921	1922	1923	1924	1925	1926
<b>Supply:</b>							
Stocks at beginning of year.....	1,000 pounds 48,151	1,000 pounds 60,310	1,000 pounds 41,399	1,000 pounds 40,292	1,000 pounds 45,521	1,000 pounds 47,551	1,000 pounds 58,311
Imports less reexports.....	18,748	25,470	48,331	52,487	61,978	83,975	111,254
Factory production of crude.....	68,027	57,665	79,016	85,301	69,085	101,164	82,649
<b>Total.....</b>	<b>130,926</b>	<b>136,445</b>	<b>171,746</b>	<b>187,083</b>	<b>176,582</b>	<b>232,690</b>	<b>252,214</b>
<b>Distribution:</b>							
Stocks at end of year.....	60,310	41,399	40,292	45,521	47,551	58,311	87,440
Domestic exports.....	3,212	535	6,738	1,723	871	7,614	7,809
<b>Total.....</b>	<b>63,522</b>	<b>45,204</b>	<b>55,030</b>	<b>47,244</b>	<b>48,422</b>	<b>58,925</b>	<b>88,249</b>
Disappearance <sup>1</sup> .....	67,401	91,241	116,716	139,839	131,160	173,765	163,965

<sup>1</sup> Imports for consumption were used in the case of whale oil and "all other fish oils" except 1925.

<sup>2</sup> Not separately classified in 1925. Monthly Summary of Foreign Commerce of the United States, December, 1925, gives "fish oils" only.

<sup>3</sup> Obtained by subtracting the figures representing total distribution from those representing total supply. This figure represents total disappearance and includes factory consumption of fish oils as well as that consumed for other purposes. It will be noted there is a slight discrepancy between these totals and those in Table 1, Animal and Vegetable Fats and Oils published by the Bureau of the Census. The census figures representing potential consumption are as follows: In 1921, 94,000,000 pounds; in 1922, 123,000,000 pounds; in 1923, 138,000,000 pounds; and in 1924, 131,000,000 pounds. Figure for 1925 is not available.

Compiled from annual reports, Animal and Vegetable Fats and Oils, Bureau of the Census; and annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce.

The following fish oils are included in the calculations: Cod and cod-liver oil, whale (including sperm), menhaden, herring (including sardine), and all other fish oils (including marine animal).

TABLE 117.—Total supply and distribution of the principal vegetable oils in the United States, 1920-1926

Item	1920	1921	1922	1923	1924	1925	1926
<b>Supply:</b>							
Stocks at beginning of year—							
Crude oil.....	1,000 lbs. 482,950	1,000 lbs. 435,083	1,000 lbs. 351,771	1,000 lbs. 310,327	1,000 lbs. 356,676	1,000 lbs. 336,986	1,000 lbs. 418,019
Refined oil in terms of crude <sup>1</sup> .....	283,223	362,334	538,168	269,368	207,710	279,217	211,836
Imports less reexports.....	621,012	394,489	629,970	639,822	570,273	718,693	730,366
Factory production of crude oil <sup>2</sup> .....	1,808,781	2,017,226	1,743,701	2,019,299	2,215,681	2,640,630	2,923,908
<b>Total.....</b>	<b>3,289,005</b>	<b>3,209,132</b>	<b>3,663,600</b>	<b>3,229,816</b>	<b>3,310,740</b>	<b>3,984,533</b>	<b>4,289,150</b>
<b>Distribution:</b>							
Stocks at end of year—							
Crude oil.....	435,083	351,771	310,327	356,676	336,986	418,019	482,210
Refined oil in terms of crude <sup>1</sup> .....	362,334	338,458	269,368	207,710	279,217	211,836	392,028
Domestic exports.....	279,811	271,611	103,114	76,716	71,508	80,313	63,330
<b>Total.....</b>	<b>1,077,228</b>	<b>961,840</b>	<b>682,809</b>	<b>641,102</b>	<b>687,711</b>	<b>710,228</b>	<b>937,607</b>
Potentially available for consumption <sup>3</sup> .....	2,211,777	2,247,292	2,980,791	2,588,714	2,623,029	3,274,305	3,351,543

<sup>1</sup> Includes stocks of olive edible oil and Chinese vegetable tallow.

<sup>2</sup> Includes production of olive edible oil and Chinese vegetable tallow.

<sup>3</sup> Obtained by subtracting the total distribution from total supply.

Compiled from annual reports, Animal and Vegetable Fats and Oils, Bureau of the Census; and annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce. The following fact<sup>s</sup> were used for converting the refined oils into terms of crude. The stocks of refined cottonseed oil, corn oil and palm kernel oil were divided by 0.54, i. e., assuming a 7 per cent refining loss and the stocks of refined soybean oil, coconut oil and peanut oil by 0.91 or assuming a 6 per cent refining loss. The following vegetable oils were included in these calculations: Castor, Chinese nut (tung), Chinese vegetable tallow, coconut, corn, cottonseed, linseed, olive edible, olive inedible and olive foots, palm, palm kernel, peanut, rapeseed, soy bean.

TABLE 118.—Estimated disappearance of edible animal fats, fish oils, and of selected inedible fats and oils and derivative products in the United States, 1920-1926

Item	1920	1921	1922	1923	1924	1925	1926
<b>Edible animal fats:</b>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>
Lard, neutral.....	53,428	38,508	29,291	35,080	38,207	31,023	28,352
Lard, other edible.....	610,373	691,157	819,339	967,795	978,962	831,180	873,929
Tallow edible.....	38,461	31,269	48,015	51,330	51,068	49,729	57,672
<b>Total.....</b>	<b>732,265</b>	<b>680,925</b>	<b>885,245</b>	<b>987,205</b>	<b>1,008,237</b>	<b>912,629</b>	<b>959,954</b>
<b>Fish oils:</b>							
Cod and cod liver.....	11,013	13,061	15,486	15,778	20,091	24,614	30,333
Whale (including sperm).....	22,843	10,039	48,624	47,914	43,680	55,465	58,347
Other fish oils <sup>1</sup> .....	32,848	60,311	62,066	76,147	65,489	93,086	75,288
<b>Total.....</b>	<b>67,464</b>	<b>91,241</b>	<b>116,176</b>	<b>139,839</b>	<b>131,160</b>	<b>173,705</b>	<b>163,968</b>
<b>Inedible fats and oils, derivatives, etc.<sup>2</sup></b>							
Neat's foot oil.....	5,390	7,057	7,429	7,206	6,702	8,098	8,190
Tallow inedible <sup>3</sup> .....	234,900	299,455	306,977	365,854	369,251	379,540	362,377
Lard oil.....	26,584	17,355	24,708	32,239	29,419	36,090	27,850
Tallow oil.....	13,409	13,380	12,371	35,610	31,152	12,060	12,070
Stearin from animal fats (includes edible).....	73,511	51,207	81,024	86,528	92,550	92,090	92,674
Vegetable stearin.....	19,372	21,039	15,194	12,729	19,401	18,812	9,249

<sup>1</sup> Includes menhaden, herring (including sardine) and all other (including marlin animal).

<sup>2</sup> No attempt was made to get a figure which would represent the total consumption of inedible fats, greases, and derivative products. There are so many chances for duplication in getting at such a figure that it was considered inadvisable to attempt it. However, it will be noted that the estimated consumption figures of certain selected products representative of each group have been calculated though they have not been combined into a grand total.

<sup>3</sup> No distinction was made between edible and inedible tallow prior to 1922. After 1924 the export figure given for tallow was included as inedible tallow in these calculations for 1923-24 and 1925.

Compiled from annual reports, Animal and Vegetable Fats and Oils, Bureau of the Census; and annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce. These data showing estimated disappearance were calculated as follows: To get the total supply available for consumption the stocks on hand at beginning of year were added to the imports less reexports plus factory production. From this total supply was subtracted the sum of stocks at the end of year plus domestic exports. The difference represents total disappearance or consumption and includes factory consumption as well as that consumed for other purposes.

TABLE 119.—Estimated disappearance of the principal vegetable oils in the United States, 1920-1926

Oil	1920	1921	1922	1923	1924	1925	1926
<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>
Castor.....	24,397	22,689	31,239	38,689	37,573	43,720	51,971
Chinese nut (tung).....	59,440	37,623	67,694	82,491	78,036	89,704	92,278
Chinese vegetable tallow.....	1,343	7	7,515	16,318	13,093	7,473	3,067
Coconut.....	340,803	360,099	382,078	439,357	498,736	427,938	441,631
Corn.....	87,169	73,279	115,089	108,808	116,307	98,641	116,410
Cottonseed.....	910,682	1,096,079	995,878	890,881	1,050,675	1,591,758	1,562,010
Linseed.....	492,409	519,875	640,070	677,700	709,098	720,085	714,187
Olive edible.....	31,345	59,230	93,378	79,529	79,480	87,724	83,047
Olive inedible and olive foots.....	7,221	21,683	25,892	37,767	30,789	37,069	42,391
Palm oil <sup>1</sup> .....	45,142	22,859	45,629	123,812	95,237	136,987	138,587
Palm kernel <sup>1</sup> .....	3,454	4,818	533	302	4,430	41,229	81,168
Peanut.....	97,294	40,440	40,351	13,747	9,854	17,805	18,868
Rapeseed.....	15,027	9,388	10,674	13,070	16,730	13,009	18,901
Soy bean.....	163,699	31,933	29,829	37,883	14,149	20,121	25,981
<b>Total.....</b>	<b>2,218,777</b>	<b>2,244,292</b>	<b>2,413,762</b>	<b>2,561,714</b>	<b>2,601,969</b>	<b>3,247,916</b>	<b>3,338,393</b>

<sup>1</sup> Palm-kernel reexports for 1923-24 are included in palm-oil reexports.

Compiled from annual reports, Animal and Vegetable Fats and Oils, Bureau of the Census and annual reports, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce. These data showing estimated disappearance were calculated as follows: To get the total supply available for consumption the stocks on hand at the beginning of year for both crude oil and refined oil expressed in terms of crude were added to the imports less reexports plus the factory production of crude. From this total supply was subtracted the sum of the stocks of crude oil and refined oil in terms of crude at the end of the year plus domestic exports. The difference represents total disappearance or consumption and includes factory consumption as well as that consumed for other purposes. The following factors were used for converting the refined oils into terms of crude: The stocks of refined cottonseed oil, corn oil, and palm-kernel oil were divided by 0.93, that is assuming a 7 per cent refining loss; and the stocks of refined soy-bean oil, coconut oil, and peanut oil were divided by 0.91, assuming a 9 per cent refining loss.

TABLE 120.—Supply, distribution, and potential disappearance of the principal vegetable oils, edible animal fats, and fish oils in the United States, 1920-1926

Item	1920	1921	1922	1923	1924	1925	1926
<b>Supply:</b>							
Stocks at beginning of year—							
Vegetable oils—	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
Crude.....	482,056	435,083	354,771	340,327	350,670	336,986	418,040
Refined in terms of crude.....	283,223	362,334	338,458	209,308	207,710	270,247	211,836
Edible animal fats.....	64,950	66,705	55,039	51,211	52,037	65,896	49,420
Fish oils.....	48,151	60,310	44,390	49,292	45,521	47,551	58,311
Total.....	879,280	927,432	792,727	650,228	661,944	720,680	737,618
Imports less re-exports—							
Vegetable oils.....	624,042	394,489	629,970	633,822	570,273	718,603	730,368
Edible animal fats.....	16,758	20,470	49,331	52,487	64,976	88,975	111,254
Total.....	640,799	414,959	679,301	686,309	635,249	807,578	841,622
Factory production—							
Crude vegetable oils.....	1,898,784	2,017,220	1,743,701	2,010,209	2,215,081	2,049,630	2,022,903
Edible animal fats.....	1,372,502	1,559,203	1,674,180	2,058,740	2,084,545	1,603,730	1,683,632
Fish oils.....	66,027	53,665	79,016	65,304	69,086	101,164	82,640
Total.....	3,337,313	3,632,094	3,496,897	4,134,249	4,338,711	4,354,530	4,689,183
Total supply.....	4,897,388	4,974,485	4,968,925	5,499,886	5,635,904	5,886,837	6,274,425
<b>Distribution:</b>							
Stocks at end of year—							
Vegetable oils—							
Crude.....	435,083	354,771	340,327	356,670	336,986	418,040	482,240
Refined in terms of crude.....	362,334	338,458	209,308	207,710	270,247	211,836	362,028
Edible animal fats.....	69,705	55,039	51,211	52,037	65,896	49,420	50,016
Fish oils.....	60,310	44,390	49,292	45,521	47,551	58,311	87,440
Total.....	927,432	792,727	650,228	661,944	720,680	737,610	1,017,736
Domestic exports—							
Vegetable oils.....	372,811	271,011	163,413	76,746	71,508	80,343	63,330
Edible animal fats.....	638,188	892,883	789,823	1,060,715	972,440	707,653	717,087
Fish oils.....	3,212	805	5,738	1,723	871	614	509
Total.....	911,511	1,165,300	898,974	1,139,184	1,044,826	797,640	781,226
Total distribution.....	1,838,943	1,958,027	1,549,202	1,801,128	1,774,508	1,535,256	1,798,962
<b>Potential disappearance:<sup>2</sup></b>							
Oils and fats consumed—							
Vegetable oils.....	2,218,777	2,244,292	2,413,762	2,561,714	2,661,000	3,265,307	3,351,552
Edible animal fats.....	793,265	680,325	888,245	917,265	1,068,237	912,529	950,916
Fish oils.....	67,404	91,241	118,716	130,830	131,160	175,765	163,965
Total.....	3,018,446	3,015,858	3,419,723	3,609,789	3,861,397	4,353,601	4,476,433

<sup>1</sup> The following factors were used in re-converting refined oils into terms of crude: The stocks of refined cottonseed, corn, and palm-kernel oils were divided by 0.83 and the stocks of refined soy bean, peanut, and coconut oils were divided by 0.94, i. e., assuming a 7 per cent refining loss in the one case and a 6 per cent refining loss in the other.

<sup>2</sup> The figures representing total potential disappearance were obtained by subtracting total distribution from total supply. This figure represents total disappearance and includes factory consumption as well as that consumed for other purposes. The firm production and consumption of butter and lard and edible tallow are not included in these calculations.

Compiled from annual reports, Animal and Vegetable Fats and Oils, Bureau of the Census; Statistics of Fats and Oils; Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce. The following oils and fats were included in these calculations: Vegetable oils—Castor, Chinese nut (tung), Chinese vegetable tallow, coconut, corn, cottonseed, linseed, olive edible, olive inedible and olive foots, palm, palm kernel, peanut, rapeseed, and soy bean. Edible animal fats—Neutral lard, other edible lard, and edible tallow. Fish oils—Cod, cod liver, whale and sperm, menhaden, herring, and "other fish oils."

TABLE 121.—Factory and warehouse stocks of vegetable and animal oils and vegetable oil raw materials held in the United States on December 31, 1924-1926

Item	1924	1925	1926	Item	1924	1925	1926
	1,000 lbs.	1,000 lbs.	1,000 lbs.		1,000 lbs.	1,000 lbs.	1,000 lbs.
<b>Raw materials:</b>				<b>Fish and animal oils and fats—Contd.</b>			
Cottonseed.....	2,462,010	2,832,040	2,667,362	Sperm oil.....	2,451	1,817	2,330
Peanuts, hulled.....	2,204	3,312	864	Menhaden.....	21,049	23,750	26,097
Peanuts in hull.....	2,810	1,700	290	Whale.....	9,825	19,650	33,705
Copra.....	24,086	25,604	41,530	Herring (including sardine).....	3,409	6,308	14,043
Corn germs.....	658	802	590	All other (including marine animals).....	3,348	1,234	1,685
Flaxseed.....	540,808	385,408	344,648	<b>Total.....</b>	<b>47,551</b>	<b>58,311</b>	<b>87,440</b>
Castor beans.....	10,528	14,070	8,332				
Mustard seed.....	2,008	2,440	1,344	<b>Selected derivative products:</b>			
Soy beans.....	1,150	3,554	3,198	Lard, neutral.....	4,438	2,590	2,545
Other kinds.....	1,232	2,016	1,228	Lard, other edible.....	56,697	42,975	49,607
<b>Total.....</b>	<b>3,047,595</b>	<b>3,272,008</b>	<b>3,000,704</b>	Tallow, edible.....	3,300	3,855	4,407
				Tallow, inedible.....	61,443	51,860	84,005
<b>Vegetable oils:<sup>1</sup></b>				Neat's-foot oil.....	1,603	1,411	1,847
Cottonseed.....	355,874	300,330	510,030	Lard compound and other lard substitutes.....	10,517	22,857	22,026
Peanut.....	4,003	2,092	2,310	Hydrogenated oils.....	10,560	14,925	11,227
Coconut.....	65,522	58,539	109,124	Stearin, animal edible.....	7,503	5,702	5,887
Corn.....	14,713	16,372	19,680	Stearin, animal inedible.....	4,104	3,782	4,322
Soy bean.....	2,830	2,458	7,723	Stearin, vegetable.....	1,642	1,590	2,545
Olive, edible.....	4,131	7,023	3,648	Oleo oil.....	15,481	19,348	15,702
Olive, inedible.....	1,411	1,850	2,588	Lard oil.....	4,308	4,837	5,602
Olive, foats.....	6,457	7,872	5,058	Tallow oil.....	2,680	1,880	2,507
Palm kernel.....	1,530	9,340	431	<b>Greases:</b>			
Palm.....	23,648	25,830	17,909	Wool grease and recovered grease.....	4,141	3,365	4,070
Linseed.....	106,690	165,847	174,243	Other miscellaneous greases <sup>2</sup> .....	37,703	38,171	46,120
Rapeseed.....	3,056	3,683	5,113				
Chinese nut (tung).....	20,601	32,643	18,000				
Chinese vegetable tallow.....	1,511	461	1,233				
Castor.....	3,900	5,320					
All other.....	1,172	2,707	5,363				
<b>Total.....</b>	<b>617,405</b>	<b>632,502</b>	<b>879,639</b>				
<b>Fish and animal oils and fats:</b>							
Cod and cod liver.....	6,779	5,522	9,180				

<sup>1</sup> Expressed in terms of crude. Refined oils were converted into crude by using conversion factors as follows: Cottonseed, corn, and palm kernel 0.93, peanut, soy bean and coconut, 0.94.

<sup>2</sup> Includes white, yellow, brown, bone, tankage, garbage or house, and "all other" greases.

Compiled from annual reports of Animal and Vegetable Fats and Oils, Bureau of the Census.



TABLE 122.—*Animal and vegetable fats and oils: Factory consumption in the United States, 1922-1926*

Fat or oil	1922	1923	1924	1925	1926
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cottonseed, crude.....	805, 162	934, 095	1, 103, 821	1, 475, 322	1, 694, 003
Cottonseed, refined.....	734, 060	675, 249	779, 858	1, 161, 115	1, 131, 858
Peanut, crude and virgin.....	23, 372	7, 504	8, 051	10, 324	10, 578
Peanut, refined.....	26, 007	7, 548	5, 684	8, 801	8, 427
Cocunut or copra, crude.....	365, 930	300, 002	363, 770	385, 455	433, 340
Cocunut or copra, refined.....	165, 080	211, 040	265, 901	265, 777	207, 713
Corn, crude.....	106, 097	103, 068	114, 102	102, 190	120, 355
Corn, refined.....	23, 288	18, 596	13, 987	10, 403	22, 133
Soy bean, crude.....	17, 570	19, 341	10, 740	11, 329	17, 035
Soy bean, refined.....	4, 091	6, 702	5, 882	5, 501	10, 150
Olive, edible.....	3, 678	2, 158	2, 802	2, 346	2, 439
Palm kernel, crude.....	1, 923	4, 530	5, 302	50, 991	76, 230
Palm kernel, refined.....	194	308	206	4, 417	6, 927
Rapeseed.....	10, 150	11, 430	12, 200	11, 470	15, 012
Palm.....	43, 062	114, 385	78, 056	100, 825	121, 001
Lard, neutral.....	20, 345	31, 230	29, 770	26, 098	23, 582
Lard, other edible.....	28, 837	25, 353	21, 227	14, 549	12, 041
Tallow, edible.....	20, 419	34, 700	33, 685	38, 851	44, 300
Lard compounds and other lard substitu- tutes.....	1, 450	1, 815	1, 800	1, 122	596
Oleo oil.....	54, 098	50, 813	40, 703	48, 196	48, 000
Animal stearin, edible.....	52, 023	40, 590	55, 094	60, 493	57, 103
Tallow oil.....	33, 268	28, 042	34, 804	8, 130	0, 204
Lard oil.....	14, 709	20, 420	18, 860	21, 479	19, 801

Compiled from reports of the Bureau of the Census. The above figures of consumption cover consumption other than that used for ordinary purposes, by households, retailers, and bakeries, or by local painters, contractors, etc., or for lubrication purposes of any kind.

TABLE 123.—*Oleomargarine: Materials used in its manufacture in the United States, 1922-1926*

Material <sup>1</sup>	Year ended June 30				
	1922	1923	1924	1925	1926
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Oleo oil.....	40, 080	40, 045	52, 265	44, 102	47, 418
Coconut oil.....	57, 394	65, 656	83, 050	70, 449	98, 307
Cottonseed oil.....	15, 420	18, 757	20, 040	20, 066	25, 608
Peanut oil.....	11, 025	8, 922	5, 658	4, 302	5, 257
Oleo stearin.....	4, 574	4, 815	5, 317	5, 250	5, 314
Neutral lard.....	27, 057	29, 568	32, 210	28, 674	25, 172
Oleo stock.....	2, 143	2, 322	2, 756	3, 183	3, 092
Butter.....	1, 107	1, 576	1, 000	1, 509	2, 330
Milk.....	53, 930	59, 835	60, 000	61, 924	72, 082
Mustard-seed oil.....			38	27	34
Palm-kernel oil.....			26	1, 847	1, 130
Edible tallow.....			21	111	93
Sesame oil.....			318	208	186
Corn oil.....			457	108	174
Soy-bean oil.....					
Salt.....	16, 202	17, 008	20, 503	18, 725	20, 503
Sugar.....					
Soda.....			58	58	50
Extract of vanilla.....					
Coloring.....	11	11	26	33	41
Miscellaneous.....	3, 417	2, 018		14	
Total.....	233, 929	257, 023	304, 403	266, 233	307, 450

<sup>1</sup> Stated as palm oil in 1925; 1926 includes palm oil and palm-kernel oil as follows: Palm-kernel oil, 267,816 pounds; palm oil, 899,734 pounds.

Compiled from annual reports of Commissioner of Internal Revenue.

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September 27, 1928

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