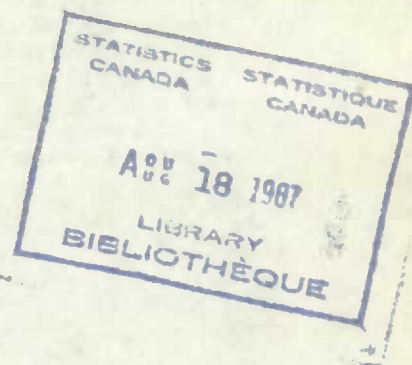


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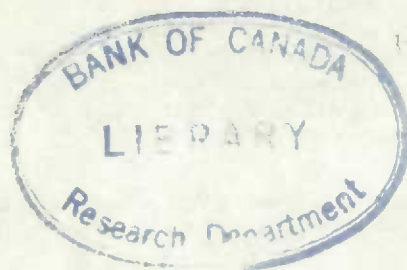


CANADA



# THE VEGETABLE OILS INDUSTRY

## 1956



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## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

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- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 50¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
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- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XVIII, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Acids, Alkalies and Salts Industry, 25¢
- C — The Fertilizers Industry, 25¢
- D — The Fertilizer Trade in Canada, 25¢
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- K — The Inks Industry, 25¢
- L — The Adhesives Industry, 25¢
- M — The Polishes and Dressings Industry, 25¢
- N — The Compressed Gases Industry, 25¢
- O — The Coal Tar Distillation Industry, 25¢
- P — The Miscellaneous Chemical Products Industry, 25¢

# THE VEGETABLE OILS INDUSTRY

## 1956

This report presents statistics for the Vegetable Oils Industry which includes all establishments whose principal operations consist of the extraction of vegetable oils, such as linseed, soya bean, cocoanut, etc. No mention is made of the concerns which refine vegetable oils as a secondary part of their operations or for their own use for the manufacture of margarine, shortening and cooking oils. These items are produced in works classified to the Slaughtering and Meat Packing Industry which is reviewed in a separate bulletin. A similar disposition has been accorded corn oil produced by firms classified to the Starch and Glucose Industry.

There were 12 factories in operation in this industry during 1956 of which 4 were located in Ontario, 3 in Manitoba, 2 in Quebec and 1 each in Saskatchewan, Alberta and British Columbia. These concerns gave employment to 672 people who were paid \$2,583,851 in salaries and wages. Materials used in manufacturing processes cost \$37,107,511

and expenditures for fuel and electricity cost \$522,748.

Factory shipments in 1956 were valued at \$42,239,497 and included oils at \$24,489,661, oil-cake at \$17,232,817, soap at \$61,715 and other products at \$455,304. In 1955 factory shipments were reported at \$50,322,215 and in 1954 at \$53,120,709.

Note: Figures for value added by manufacture, shown in Table 1, prior to 1950 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1950 the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for the period 1950-1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and subsequent years information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures.

**TABLE 1. Principal Statistics of the Vegetable Oils Industry, Significant Years 1929-1956  
and by Provinces, 1955 and 1956**

Year and province	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture <sup>1</sup>	Gross selling value of products <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1929 .....	8	239	327,220	63,658	5,578,539	860,436	6,502,633
1933 .....	10	201	222,759	54,077	1,542,119	490,361	2,086,557
1937 .....	11	242	293,443	63,748	4,036,075	949,705	5,049,528
1939 .....	9	239	273,309	62,150	3,099,816	994,544	4,156,510
1945 .....	13	616	1,032,839	197,227	16,658,320	3,242,562	20,098,109
1946 .....	14	734	1,303,807	252,014	20,441,369	4,760,056	25,453,439
1949 .....	15	829	2,122,103	477,054	41,631,796	9,132,691	51,241,541
1952 .....	13	723	2,428,287	581,146	44,478,536	6,872,308	51,931,990
1953 .....	13	675	2,345,831	492,220	43,992,061	6,359,159	50,843,440
1954 .....	12	668	2,462,494	628,717	45,087,842	8,205,639	53,120,709
<b>1955</b>							
Ontario .....	4	358	1,380,962	541,081	33,430,769	5,606,332	40,080,024
Manitoba .....	3	76	210,953	64,671	1,956,261	363,786	2,373,560
Quebec .....	2	248	911,774	88,209	6,631,107	1,047,089	7,868,631
Saskatchewan .....	1						
Alberta .....	1						
British Columbia .....	1						
<b>Canada .....</b>	<b>12</b>	<b>682</b>	<b>2,503,689</b>	<b>693,961</b>	<b>42,018,137</b>	<b>7,017,207</b>	<b>50,322,215</b>
<b>1956</b>							
Ontario .....	4	331	1,369,607	350,439	25,387,735	3,456,514	28,615,905
Manitoba .....	3	83	230,162	68,284	2,506,626	397,330	2,968,404
Quebec .....	2	258	984,082	104,025	9,213,150	1,589,758	10,655,188
Saskatchewan .....	1						
Alberta .....	1						
British Columbia .....	1						
<b>Canada .....</b>	<b>12</b>	<b>672</b>	<b>2,583,851</b>	<b>522,748</b>	<b>37,107,511</b>	<b>5,443,602</b>	<b>42,239,497</b>

1. See footnote to Text.



TABLE 2. Inventories<sup>1</sup>, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Ontario .....	10,136,513	17,800	829,897	10,984,210
Manitoba .....	83,786	200,917	179,783	464,486
Other provinces .....	592,707	—	330,263	922,970
<b>Canada .....</b>	<b>10,813,006</b>	<b>218,717</b>	<b>1,339,943</b>	<b>12,371,666</b>
Closing:				
Ontario .....	7,804,545	23,436	1,403,044	9,231,025
Manitoba .....	162,502	65,139	319,397	547,038
Other provinces .....	605,557	1,000	581,008	1,187,565
<b>Canada .....</b>	<b>8,572,604</b>	<b>89,575</b>	<b>2,303,449</b>	<b>10,965,628</b>

1. (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Vegetable Oils Industry for the year under review are shown in the above table.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 3. Products Manufactured in The Vegetable Oils Industry, 1955 and 1956

Product	Unit of measure	Quantity made <sup>1</sup>	Factory shipments	
			Quantity	Selling value at works
				\$
<b>1955</b>				
<b>Section "A" — Oils, raw or crude</b>				
Linseed oil .....	gal.	6,829,985	3,164,444	3,306,206
Soya bean oil .....	lb.	115,697,213	144,301,441	14,455,610
Other oils (rapeseed, cocoanut, sunflower, mustard seed and weed oil) .....	"	19,238,282	13,948,168	1,649,561
<b>Section "B" — Oils, processed</b>				
Linseed oil, boiled .....	gal.	399,070	402,426	547,057
Linseed oil, special .....	"	3,086,177	2,831,218	3,491,036
Soya bean oil .....	lb.	2,561,965	2,408,403	358,263
Other refined oils .....	"	4,178,650	4,062,108	689,396
<b>Section "C" — Other products</b>				
Linseed oilcake .....	ton.	52,059	44,875	3,741,366
Soya bean oilcake .....	"	264,529	279,069	20,131,457
Oilcake, other .....	"	10,377	10,382	580,418
Soap .....	lb.	1,030,331	914,192	70,727
Other products .....	—	—	—	1,301,118
<b>Total .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>50,322,215</b>
<b>1956</b>				
<b>Section "A" — Oils, raw or crude</b>				
Linseed oil .....	gal.	7,432,965	3,782,936	4,859,130
Soya bean oil .....	lb.	80,702,928	75,768,463	10,684,726
Other oils (rapeseed, cocoanut, sunflower, mustard seed and weed oil) .....	"	24,195,635	19,312,776	2,192,197
<b>Section "B" — Oils processed</b>				
Linseed oil, boiled .....	gal.	386,583	379,467	645,098
Linseed oil, special .....	"	3,494,202	2,808,327	4,293,329
Soya bean oil .....	lb.	5,097,289	4,859,788	697,106
Other refined oils .....	"	6,242,081	5,780,145	1,118,075
<b>Section "C" — Other products</b>				
Linseed oilcake .....	ton.	56,778	57,808	4,385,915
Soya bean oilcake .....	"	188,153	185,424	12,334,010
Oilcake, other .....	"	9,921	9,104	512,892
Soap .....	lb.	710,274	740,998	61,715
Other products .....	—	—	—	455,304
<b>Total .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>42,239,497</b>

Note: The data in Tables 3 and 4 do not apply strictly to calendar year operations as some firms reported on a fiscal year basis.

1. Total production whether for sale or for further processing.

TABLE 4. Materials Used in The Vegetable Oils Industry, 1955 and 1956

Material	Unit of measure	1955		1956	
		Quantity	Cost at mills \$	Quantity	Cost at mills \$
Flaxseed .....	bushel	3,088,429	9,683,089	3,399,471	12,305,445
Soya beans .....	lb.	670,163,830	28,617,320	466,179,600	20,356,382
Other nuts, grains and seeds .....	"	45,793,860	2,334,924	52,123,201	2,987,020
Sulphuric acid, 100% .....	"	146,045	4,091	111,313	2,879
Fuller's earth .....	"	2,100	19	—	—
Caustic soda .....	"	102,289	5,321	99,172	5,751
Caustic potash .....	"	91,419	7,523	81,862	5,621
Driers .....	—	—	11,169	—	10,664
Celite .....	lb.	4,950	347	73,770	3,982
Filtrol .....	"	603,518	29,616	584,585	30,181
Press cloth .....	"	166	265	211	422
Filter cloth .....	yd.	4,614	6,520	5,127	6,100
Containers, etc. ....	—	—	825,751	—	814,818
All other materials .....	—	—	492,182	—	578,246
<b>Total</b> .....	—	—	<b>42,018,137</b>	—	<b>37,107,511</b>

Note: See footnote to Table 3.

TABLE 5. Available Data on Consumption of Vegetable Oils, by Industries, 1954 and 1955

Industry	Unit of measure	1954		1955	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Castor oil:					
Medicinals .....	lb.	54,174	12,929	44,000	9,900
Paints .....	"	1,791,914	353,610	1,969,000	367,000
Miscellaneous chemicals .....	"	979,961	161,003	1,054,000	145,800
Inks .....	"	14,910	3,926	21,200	5,000
Oilcloth .....	"	137,752	22,995	123,000	21,000
Tanneries .....	"	51,988	9,087	19,200	2,900
Heavy chemicals .....	"	537,912	76,572	673,700	84,800
Plastics .....	"	949,110	139,297	1,778,000	166,600
Chinawood oil:					
Paints .....	lb.	3,835,924	799,512	3,892,000	948,900
Miscellaneous chemicals .....	"	39,748	8,755	39,000	8,500
Inks .....	"	63,292	15,823	87,000	23,500
Oilcloth .....	"	264,701	56,378	Included with soya bean	
Plastics .....	"	—	—	20,000	5,400
Cocoanut oil:					
Slaughtering and meat packing <sup>1</sup> .....	lb.	30,814,455	N.A.	27,893,000	N.A.
Heavy chemicals .....	"	1,023,580	154,224	856,000	108,700
Soaps .....	"	13,691,438	2,154,396	11,732,000	1,501,000
Cleaning preparations .....	"	18,139	3,093	Included with "soaps"	
Toilet preparations .....	"	727,553	116,619	721,000	101,500
Miscellaneous chemicals .....	"	533,286	88,868	623,000	99,400
Confectionery .....	"	966,553	214,746	1,854,000	371,000
Tanneries .....	"	10,038	2,289	15,500	2,900
Miscellaneous foods .....	"	3,411,325	735,220	5,061,000	914,000
Biscuits .....	"	5,109,814	1,160,152	5,210,000	1,071,000
Process cheese .....	"	3,158,084	561,058	2	2
Other miscellaneous .....	"	—	—	514,854	N.A.



TABLE 5. Available Data on Consumption of Vegetable Oils, by Industries, 1954 and 1955 - Concluded

Industry	Unit of measure	1954		1955	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Cottonseed oil:					
Slaughtering and meat packing <sup>1</sup> .....	lb.	53,622,395	N.A.	27,885,000	N.A.
Confectionery .....	"	1,029	285	26,000	6,600
Miscellaneous foods .....	"	9,498,375	1,929,424	7,185,000	1,317,000
Biscuits .....	"	11,649	2,546	6,800	1,500
Bread and other bakery products .....	"	451,025	98,877	493,000	110,400
Oilcloth .....	"	9,839	2,928	—	—
Process cheese .....	"	5,338,740	1,033,414	—	—
Macaroni .....	"	—	—	35,000	7,000
Other miscellaneous .....	"	—	—	575,400	N.A.
Linseed oil:					
Paints .....	gal.	3,552,276	4,357,044	3,620,000	4,935,000
Soaps, etc. ....	"	22,595	30,454	25,000	39,000
Plastics .....	"	90,922	112,564	119,000	159,000
Miscellaneous chemicals .....	"	205,327	221,731	330,000	404,000
Inks .....	"	112,164	164,771	126,000	203,000
Linoleum .....	"	1,759,000	1,899,183	1,547,000	1,739,000
Miscellaneous non-metallic mineral products ....	"	18,885	18,088	15,000	20,000
Primary iron and steel .....	"	23,470	25,467	32,000	39,000
Polishes & dressings .....	"	550	1,040	600	1,200
Oiticica oil:					
Paints .....	lb.	73,123	15,854	96,000	16,000
Palm oil:					
Soaps, etc. ....	lb.	151,340	16,838	127,000	14,000
Slaughtering and meat packing <sup>1</sup> .....	"	48,185,616	N.A.	35,166,000	N.A.
Primary iron and steel .....	"	2,082,000	274,844	704,000	80,000
Process cheese .....	"	575,509	100,217	—	—
Other miscellaneous .....	"	—	—	426,500	N.A.
Palm kernel oil:					
Soaps .....	lb.	—	—	1,853,000	223,000
Peanut oil:					
Miscellaneous foods .....	lb.	1,228,536	250,530	2,116,000	397,000
Slaughtering and meat packing <sup>1</sup> .....	"	48,978	N.A.	11,444,000	N.A.
Macaroni .....	"	—	—	10,000	2,300
Other miscellaneous .....	"	—	—	1,100	N.A.
Soya bean oil:					
Paints .....	lb.	6,881,652	1,099,779	6,331,000	959,000
Soaps, etc. ....	"	9,386	1,422	—	—
Miscellaneous foods .....	"	9,634,762	1,876,478	19,541,000	3,474,000
Slaughtering and meat packing <sup>1</sup> .....	"	81,824,300	N.A.	87,497,000	N.A.
Fish-packing .....	"	3,464,760	539,100	2,405,700	356,000
Biscuits .....	"	11,020	2,160	8,500	1,700
Plastics .....	"	3,491,781	524,924	6,357,000	847,000
Oilcloth .....	"	Included with "Chinawood"	—	1,012,000	64,000
Process cheese .....	"	4,894,167	1,122,422	—	—
Miscellaneous chemicals .....	"	—	—	1,038,000	132,000
Other miscellaneous .....	"	—	—	2,509,500	N.A.
Sunflower seed oil:					
Slaughtering and meat packing <sup>1</sup> .....	lb.	816,050	N.A.	225,000	N.A.
Tall oil:					
Paints .....	lb.	738,711	64,277	874,000	80,000
Miscellaneous chemicals .....	"	1,280,294	53,122	1,611,000	63,000
Soaps, etc. ....	"	126,752	10,708	160,000	14,000
Plastics .....	"	—	—	71,000	5,000

1. In the slaughtering and meat packing industry there are several concerns which refine purchased crude vegetable oils. Part of these refined oils is used by the refining companies to make shortening, etc., and part is sold either to other concerns within the industry or to concerns in other foods industries. Thus there is duplication in the consumption figures as detailed by industries. In 1954 the amount of duplication is about as follows: cocoanut oil, 11.4 million pounds; cottonseed oil, 14.3 million pounds; soya bean oil, 2.6 million pounds and sunflower oil, 0.6 million pounds and in 1955 the duplication is about as follows: cocoanut oil, 11.3 million pounds; cottonseed oil, 7.1 million pounds; peanut oil, 2.2 million pounds; soya bean oil, 4.4 million pounds.

2. Included in "Miscellaneous foods" in 1955.

**TABLE 6. Principal Statistics of the Vegetable Oils Industry, Classified According to Type of Ownership - 1955 and 1956**

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
<b>1955</b>					
Co-operatives.....	2	682	2,503,689	42,018,137	50,322,215
Incorporated companies .....	10				
<b>Total .....</b>	<b>12</b>	<b>682</b>	<b>2,503,689</b>	<b>42,018,137</b>	<b>50,322,215</b>
<b>1956</b>					
Co-operatives.....	2	672	2,583,851	37,107,511	42,239,497
Incorporated companies .....	10				
<b>Total .....</b>	<b>12</b>	<b>672</b>	<b>2,583,851</b>	<b>37,107,511</b>	<b>42,239,497</b>

**TABLE 7. Principal Statistics of the Vegetable Oils Industry in Canada, Grouped According to Size of Establishment, 1955 and 1956**

Establishments reporting factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
<b>1955</b>					
\$100,000 to \$199,999 .....	1	76	225,233	1,411,812	1,910,710
\$200,000 to \$499,999 .....	1				
\$500,000 to \$999,999 .....	2				
\$1,000,000 to \$4,999,999 .....	5	199	632,664	7,660,199	8,982,408
\$5,000,000 and over .....	3	325	1,277,018	32,946,126	39,429,097
Head offices.....	—	82	368,774	—	—
<b>Total .....</b>	<b>12</b>	<b>682</b>	<b>2,503,689</b>	<b>42,018,137</b>	<b>50,322,215</b>
<b>1956</b>					
\$200,000 to \$499,999 .....	2	45	135,570	1,234,459	1,369,784
\$500,000 to \$999,999 .....	1				
\$1,000,000 to \$4,999,999 .....	5	174	566,165	7,093,306	8,211,319
\$5,000,000 and over .....	4	373	1,508,571	28,779,746	32,658,394
Head offices.....	—	80	373,545	—	—
<b>Total .....</b>	<b>12</b>	<b>672</b>	<b>2,583,851</b>	<b>37,107,511</b>	<b>42,239,497</b>

**TABLE 8. Capital and Repair Expenditures in the Vegetable Oils Industry, 1952-1956**

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1952 .....	275	992	1,267	132	509	641	1,908
1953 .....	28	522	550	108	315	423	973
1954 .....	12	147	159	147	134	281	440
1955 .....	64	188	252	88	301	389	641
1956 <sup>1</sup> .....	229	784	1,013	86	329	415	1,428

1. Preliminary.

TABLE 9. Employees and Their Earnings in The Vegetable Oils Industry, by Provinces, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Workmen		Total	Supervisory and office	Workmen	Total
	Male	Female	Male	Female				
<b>1955</b>						\$	\$	\$
Ontario .....	72	20	266	—	358	459,249	921,713	1,380,962
Manitoba .....	18	4	53	1	76	75,133	135,820	210,953
Quebec .....	79	43	124	2	248	531,637	380,137	911,774
Saskatchewan .....								
Alberta .....								
British Columbia .....	169	67	443	3	682	1,066,019	1,437,670	2,503,689
Canada .....								
<b>1956</b>								
Ontario .....	88	20	223	—	331	555,251	814,356	1,369,607
Manitoba .....	21	4	54	4	83	77,573	152,589	230,152
Quebec .....	85	39	130	4	258	547,165	436,917	984,082
Saskatchewan .....								
Alberta .....								
British Columbia .....	194	63	407	8	672	1,179,989	1,403,862	2,583,851
Canada .....								

TABLE 10. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
January .....	437	8	440	436	5	441
February .....	460	3	463	401	5	406
March .....	408	3	411	407	8	415
April .....	418	3	421	377	8	385
May .....	409	3	412	373	9	382
June .....	407	3	410	369	8	377
July .....	409	3	412	373	8	381
August .....	413	3	416	390	7	397
September .....	449	3	452	406	7	413
October .....	533	3	536	457	9	466
November .....	513	3	516	449	11	460
December .....	459	3	462	450	6	456
Average .....	443	3	446	407	8	415

TABLE 11. Fuel and Electricity Used<sup>1</sup> in the Vegetable Oils Industry, 1956

Kind	Unit of measure	Quantity	Cost at works
			\$
Bituminous coal — Canadian .....	ton	915	10,027
Imported .....	ton	15,165	142,901
Lignite coal .....	ton	1,129	6,483
Gasoline .....	Imp. gal.	33,146	14,229
Fuel oil .....	Imp. gal.	1,081,934	110,753
Gas — Natural .....	M cu. ft.	12,900	4,388
Other fuel .....	—	—	30,506
Electricity purchased .....	k.w.h.	21,570,369	203,461
<b>Total .....</b>	<b>—</b>	<b>—</b>	<b>322,748</b>

1. Last collected in 1953



TABLE 12. Imports and Exports of Specified Commodities Pertaining to The Vegetable Oils Industry, 1955 and 1956

Item	Unit of measure	1955		1956	
		Quantity	Value	Quantity	Value
			\$		\$
(a) Imports					
Nuts, grains and seeds:					
Copra, not prepared .....	lb.	16,348,607	1,159,624	25,528,000	1,579,717
Beans, soya .....	bushel	7,964,248	19,459,525	9,816,993	24,376,680
Flaxseed .....	bushel	69,217	237,305	1,001,317	3,316,984
Millet and rapeseed .....	lb.	1,673,807	114,072	1,820,679	77,983
Oils:					
Cocoanut oil:					
Edible .....	cwt.	3,327	54,040	4,853	76,233
Not edible .....	"	315,788	3,146,055	384,046	3,932,179
Cottonseed oil:					
Edible .....	"	11,539	188,415	8,182	141,404
Not edible .....	"	267,662	3,251,674	325,106	4,400,432
Olive Oil:					
Edible .....	"	23,673	637,340	16,175	582,457
Not edible .....	"	602	14,730	423	17,751
Peanut oil:					
Edible .....	"	4,944	83,679	2,779	64,694
Not edible .....	"	159,593	1,830,293	18,810	290,244
Soya bean oil:					
Edible .....	"	144,902	2,003,529	174,057	2,528,751
Not edible .....	"	95,512	1,148,012	83,777	1,213,952
Cashew nut shell oil .....	"	1,522	33,829	1,138	16,733
Castor oil .....	"	65,306	841,033	50,355	752,466
Chinawood oil .....	"	44,897	1,108,771	33,905	834,490
Essential oil, natural and synthetic, n.o.p., and non-alcoholic preparations thereof .....	lb.	1,100,684	3,144,698	1,196,002	3,727,366
Eucalyptus oil, natural and synthetic .....	"	18,130	14,937	14,665	12,730
Flaxseed or linseed oil, raw or boiled .....	cwt.	1,708	30,795	12,374	185,219
Tall oil and tall oil pitch .....	"	64,433	326,457	82,639	497,557
Foots, being the refuse of cottonseed or olives after the oil has been pressed out .....	"	3,151	41,611	2,316	32,173
Oiticica oil .....	"	2,092	27,203	4,301	64,479
Palm oil .....	"	434,767	4,303,418	363,463	4,050,238
Peppermint oil, natural and synthetic .....	lb.	58,473	381,503	80,380	459,425
Rapeseed oil, crude or refined .....	cwt.	321	8,028	588	15,430
Resin oil .....	"	7,174	53,582	9,020	73,532
Sesame seed oil .....	"	212	7,612	158	5,907
Vegetable oils and mixtures of animal, mineral and vegetable oils, for textiles .....	"	23,206	456,628	28,948	551,278
Lemon and orange oils, natural or synthetic .....	lb.	145,920	392,164	155,539	462,715
Spearmint oil, natural or synthetic .....	"	27,212	146,625	30,944	152,623
Vegetable oils, n.o.p., not edible .....	cwt.	148,550	2,145,997	126,849	1,826,036
Oilcake and meal:					
Cottonseed cake and cotton seed cake meal .....	cwt.	21,402	68,217	8,753	26,949
Linseed oilcake and linseed oilcake meal .....	"	241,407	798,433	206,726	607,160
Palm nut cake and palm nut cake meal .....	"	—	—	—	—
Soya bean oilcake and soya bean oilcake meal .....	"	2,090,482	5,933,136	4,313,991	11,505,280
Soya bean flour .....	"	40,393	303,897	35,939	252,989
(b) Exports					
Vegetable cooking fats, edible .....	cwt.	3,444	55,175	1,639	33,730
Linseed oilcake and meal .....	"	673,777	2,749,335	688,760	2,767,081
Soya bean oilcake and meal .....	"	2,985,350	12,445,557	4,939,187	17,987,334
Oilcake and oilcake meal, n.o.p. ....	"	73,680	236,591	44,298	136,093
Essential oil .....	lb.	39,855	92,884	70,718	146,819
Foots and other vegetable soap stock .....	cwt.	2,409	9,533	7,726	42,832
Linseed and flaxseed oil .....	gal.	929,839	976,350	1,641,813	2,172,013
Oils, vegetable, n.o.p., not edible .....	"	4,328,169	4,396,527	12,514	13,899
Flaxseed, n.o.p. ....	bushel	9,672,861	31,278,786	12,252,296	43,623,504

## Directory of Firms Included in the Vegetable Oils Industry, 1956

Name of firm	Location of plant
<b>Quebec:</b>	
The Canada Linseed Oil Mills, Limited .....	2215 Notre Dame St. E., Montreal
The Sherwin-Williams Co. of Canada Ltd. ....	2375 Centre St., Montreal
<b>Ontario:</b>	
The Canada Linseed Oil Mills, Limited .....	40 Wabash Avenue, Toronto
Canadian Vegetable Oils Processing Ltd. ....	Victoria Avenue, Hamilton
Toronto Elevators, Limited, (Oil Crushing Division) .....	Queen's Quay, Toronto
Victory Mills Limited .....	285 Fleet St. E., Toronto
<b>Manitoba:</b>	
Co-operative Vegetable Oils, Limited .....	Altona
Powell, K.A., (Canada) Ltd. ....	830 Archibald St., St. Boniface
The Sherwin-Williams Co. of Canada Ltd. ....	110 Sutherland Avenue, Winnipeg
<b>Saskatchewan:</b>	
Saskatchewan Wheat Pool (Vegetable Oil Plant) .....	33 Road St., Saskatoon
<b>Alberta:</b>	
The Alberta Linseed Oil Co. Limited .....	Medicine Hat
<b>British Columbia:</b>	
Northern Vegetable Oils Ltd. ....	Foot Dunlevy Avenue, Vancouver





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