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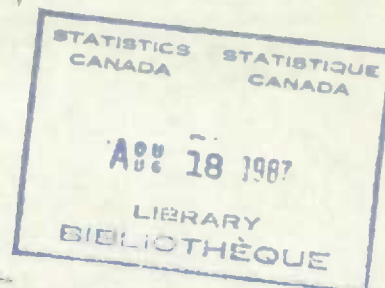
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THE VEGETABLE OILS INDUSTRY

1958



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Chemicals and Allied Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

		A — Annual	B — Biennial	M — Monthly	S.C. — Special Compilation	
Catalogue number	Title					Price
46-201	Chemicals and Allied Products — General Review (A)50
46-202	Acids, Alkalies and Salts Industry (A)50
46-203	Adhesives Industry (A)50
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made payable to the Receiver General of Canada and forwarded to
the Information Services Division, Dominion Bureau of Statistics,
or to the Queen's Printer, Ottawa, Canada.*

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

THE VEGETABLE OILS INDUSTRY

1958

This report presents statistics for the Vegetable Oils industry which includes all establishments whose principal operations consist of extraction of vegetable oils, such as linseed, soya bean, coconut, 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 eleven factories in operation in this industry during 1958 of which 4 were located in Ontario, 2 in Quebec, 2 in Manitoba and 1 each in Saskatchewan, Alberta and British Columbia. These concerns gave employment to 614 people who were paid \$2,675,234 in salaries and wages. Materials used in manufacturing processes cost \$45,502,890 and expenditures for fuel and electricity were \$818,662.

Factory shipments in 1958 were valued at \$53,795,209 and included oils at \$29,289,319, oil-cake at \$24,069,864 soap at \$42,312 and other products at \$393,714. In 1957 factory shipments were reported at \$60,951,564 and in 1956 at \$42,239,497.

TABLE 1. Principal Statistics of the Vegetable Oils Industry, Significant Years 1929-58 and by Provinces, 1957 and 1958

Year and province	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number				dollars		
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
1954	12	668	2,462,494	628,717	45,087,842	8,205,639	53,120,709
1955	12	682	2,503,689	693,961	42,018,137	7,017,207	50,322,215
1956	12	672	2,583,851	522,748	37,107,511	5,443,602	42,239,497
1957							
Quebec	2	432	1,790,657	647,020	44,798,616	7,526,673	53,257,833
Ontario	4						
Manitoba	2						
Saskatchewan	1	224	872,389	109,394	6,100,708	1,397,838	7,693,731
Alberta	1						
British Columbia	1						
Canada	11	656	2,663,046	756,414	50,899,324	8,924,511	60,951,564
1958							
Quebec	2	401	1,777,948	723,475	40,888,619	6,986,648	47,916,032
Ontario	4						
Manitoba	2						
Saskatchewan	1	213	897,286	95,187	4,614,271	1,170,562	5,879,177
Alberta	1						
British Columbia	1						
Canada	11	614	2,675,234	818,662	45,502,890	8,157,210	53,795,209

¹ Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

TABLE 2. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Ontario and Quebec.....	8,078,598	16,000	1,490,195	9,584,793
Other provinces.....	189,157	33,942	268,787	491,886
Canada.....	8,267,755	49,942	1,758,982	10,076,679
Closing:				
Ontario and Quebec.....	7,326,124	—	2,188,905	9,515,029
Other provinces.....	198,211	89,441	214,131	501,783
Canada.....	7,524,335	89,441	2,403,036	10,016,812

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, 1957 and 1958

Products	Quantity made ¹	Factory shipments		
		Quantity	Selling value at works	
			\$	
1957				
Section "A"—Oils, raw or crude				
Linseed oil.....	gal.	7,969,752	4,854,205	5,771,637
Soya bean oil.....	lb.	146,469,826	140,480,695	19,625,663
Other oils (rapeseed, cocoanut, sunflower, mustard seed and weed oil).....	"	33,093,639	28,733,624	3,456,440
Section "B"—Oils, processed				
Linseed oil, boiled.....	gal.	284,636	301,992	478,609
Linseed oil, special.....	"	3,665,086	2,779,183	3,882,003
Soya bean oil.....	lb.	6,727,004	6,508,129	924,178
Other refined oils.....	"	6,564,390	6,357,243	1,160,825
Section "C"—Other products				
Linseed oilcake.....	ton	62,111	60,735	4,075,566
Soya bean oilcake.....	"	330,039	329,526	20,471,289
Oilcake, other.....	"	14,406	14,561	661,370
Soap.....	lb.	518,487	531,970	47,055
Other products.....	—	—	—	396,929
Total.....	—	—	—	60,951,564
1958				
Section "A"—Oils, raw or crude				
Linseed oil.....	gal.	7,707,477	4,488,105	5,131,683
Soya bean oil.....	lb.	141,087,657	124,194,949	16,118,599
Other oils (rapeseed, cocoanut, sunflower, mustard seed and weed oil).....	"	17,961,197	13,946,140	1,768,839
Section "B"—Oils processed				
Linseed oil, boiled.....	gal.	334,466	344,180	541,874
Linseed oil, special.....	"	3,304,550	2,768,484	3,968,692
Soya bean oil.....	lb.	9,899,277	9,469,279	1,242,512
Other refined oils.....	"	2,456,267	2,434,266	517,120
Section "C"—Other products				
Linseed oilcake.....	ton	60,508	60,175	3,655,986
Soya bean oilcake.....	"	321,014	324,975	19,818,822
Oilcake, other.....	"	10,015	11,934	595,056
Soap.....	lb.	520,279	519,110	42,312
Other products.....	—	—	—	393,714
Total.....	—	—	—	53,795,209

¹ Total production whether for sale or for further processing.

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.

TABLE 4. Materials Used in the Vegetable Oils Industry, 1957 and 1958

Materials	1957		1958	
	Quantity	Cost at mills \$	Quantity	Cost at mills \$
Flaxseed	bu. 3,633,115	11,313,609	3,478,991	10,718,417
Soya beans	lb. 818,875,635	33,725,487	818,666,196	31,254,629
Other nuts, grains and seeds	" 69,472,069	3,906,130	41,729,669	2,082,376
Sulphuric acid, 100%	" 113,779	2,808	121,834	2,821
Caustic soda	" 101,029	6,221	100,075	4,183
Caustic potash	" 69,197	4,183	63,813	4,000
Driers	—	8,479	—	8,679
Filtering agents (celite, filtrol, etc.)	lb. —	36,478	—	37,656
Press cloth	" 230	465	240	480
Filter cloth	yd. 3,753	5,778	6,007	6,750
Containers, etc.	—	1,198,735	—	671,386
All other materials	—	690,951	—	711,513
Total	—	50,899,324	—	45,502,890

Note: See note to Table 3.

TABLE 5. Available Data on Consumption of Vegetable Oils, by Industries, 1956 and 1957

Industry	1956		1957	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Castor oil:				
Medicinals	lb. 53,000	14,500	41,000	12,100
Paints	" 2,181,000	458,400	1,883,000	484,800
Miscellaneous chemicals	" 1,243,000	218,400	1,115,000	223,400
Inks	" 16,000	3,400	20,000	4,500
Oilcloth	" 128,000	22,900	112,000	24,300
Tanneries	" 14,000	2,486	27,000	5,900
Heavy chemicals	" 840,000	125,000	1,070,000	207,000
Plastics	" 1,218,000	194,700	988,000	189,100
Chinawood oil:				
Paints	" 3,536,000	920,900	4,056,000	787,400
Miscellaneous chemicals	" 35,000	8,800	19,000	4,100
Inks	" 109,000	31,200	86,000	22,300
Oilcloth	" 454,000	67,400	293,000	54,300
Plastics	" 181,000	51,600	159,000	37,500
Cocoonut oil:				
Slaughtering and meat packing ¹	" 33,651,000	..	39,680,000	..
Heavy chemicals	" 1,277,000	162,700	1,096,000	141,000
Soaps, etc.	" 14,641,000	1,879,500	13,461,000	1,747,400
Toilet preparations	" 798,000	104,000	499,000	70,000
Miscellaneous chemicals	" 750,000	109,100	610,000	91,000
Confectionery	" 2,207,000	423,600	1,909,000	376,000
Tanneries	" 41,000	7,300	46,000	7,600
Miscellaneous foods	" 6,763,000	1,281,900	8,743,000	1,719,300
Biscuits	" 5,357,000	1,042,100	4,678,000	893,200
Other miscellaneous	" 661,000	..	1,111,000	..

See footnotes at end of table.

TABLE 5. Available Data on Consumption of Vegetable Oils, by Industries, 1956 and 1957 - Concluded

Industry	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Cottonseed oil:				
Slaughtering and meat packing ¹ lb.	31,817,000	..	29,145,000	..
Confectionery.....	81,000	19,100	47,000	12,300
Miscellaneous foods.....	6,490,000	1,330,900	6,700,000	1,310,300
Biscuits.....	2,000	400	5,000	1,300
Bread and other bakery products.....	839,000	184,700	898,000	206,000
Macaroni.....	38,000	7,700	35,000	7,200
Other miscellaneous.....	592,000	..	794,000	..
Linseed oil:				
Paints..... gal.	3,265,000	5,056,000	2,985,000	4,620,000
Soaps, etc.....	22,000	36,600	26,000	40,000
Plastics.....	108,000	170,600	148,000	197,800
Miscellaneous chemicals.....	335,000	416,200	118,000	152,600
Inks.....	129,000	233,500	62,000	105,500
Linoleum.....	1,859,000	2,402,300	1,855,000	2,402,300
Miscellaneous non-metallic mineral products.....	19,000	23,300	14,000	17,100
Primary iron and steel.....	36,000	41,300	53,000	67,700
Polishes and dressings.....	400	800	900	1,300
Oiticica oil:				
Paints..... lb.	109,000	19,600	70,000	12,800
Palm oil:				
Soaps, etc.....	28,000	3,900	—	—
Slaughtering and meat packing ¹	32,741,000	..	33,682,000	..
Primary iron and steel.....	614,000	72,900	564,000	69,800
Other miscellaneous.....	477,000	..	939,000	..
Palm kernel oil:				
Soaps, etc.....	—	—	52,000	6,500
Peanut oil:				
Miscellaneous foods.....	358,000	97,900	898,000	201,700
Slaughtering and meat packing ¹	2,324,000	..	2,347,000	..
Macaroni.....	10,000	2,400	10,000	2,500
Other miscellaneous.....	1,739,000	265,600	1,920,000	329,300
Soya bean oil:				
Paints.....	6,835,000	1,117,600	7,237,000	1,091,000
Miscellaneous foods.....	25,065,000	4,481,100	25,853,000	4,887,100
Slaughtering and meat packing ¹	94,971,000	..	90,834,000	..
Fish-packing.....	3,330,000	490,865	3,057,000	489,500
Biscuits.....	8,000	1,600	7,000	1,500
Plastics.....	6,238,000	907,900	5,879,000	842,200
Oilcloth.....	149,000	67,400	23,000	5,100
Miscellaneous chemicals.....	1,079,000	130,900	1,121,000	162,600
Other miscellaneous.....	2,781,000	..	3,900,000	..
Vegetable oil mills.....	65,545	9,099	66,000	9,100
Sunflower seed oil:				
Slaughtering and meat packing ¹	62,000	..	—	—
Paints.....	—	—	24,500	6,100
Tall oil:				
Paints.....	1,143,000	119,100	1,941,000	190,800
Miscellaneous chemicals.....	1,553,000	72,500	963,000	48,400
Soaps, etc.....	530,000	35,600	442,000	37,500
Plastics.....	109,000	7,600	165,000	15,700

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 1956 the duplication is about as follows: coconut oil, 11.4 million pounds; cottonseed oil, 8.2 million pounds; peanut oil, 1.3 million pounds; soya bean, 3.0 million pounds and in 1957 the duplication is about as follows: coconut oil, 11.9 million pounds; cottonseed oil, 10.2 million pounds; peanut oil, 1.9 million pounds; soya bean oil 3.0 million pounds.

.. Not available.

TABLE 6. Principal Statistics of the Vegetable Oils Industry, Classified According to Type of Ownership, 1957 and 1958

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Co-operatives	1	656	2,663,046	50,899,324	60,951,564
Incorporated companies	10				
Total	11	656	2,663,046	50,899,324	60,951,564
1958					
Co-operatives	1	614	2,675,234	45,502,890	53,795,209
Incorporated companies	10				
Total	11	614	2,675,234	45,502,890	53,795,209

TABLE 7. Principal Statistics of the Vegetable Oils Industry in Canada, Grouped According to Size of Establishment, 1957 and 1958

Establishments reporting factory shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
\$200,000 to \$499,999	1	55	195,843	1,457,087	2,016,131
\$500,000 to \$999,999	2				
\$1,000,000 to \$4,999,999	4	151	494,686	7,810,567	8,993,650
\$5,000,000 and over	4	369	1,565,463	42,131,670	49,941,783
Head offices	—	81	407,054	—	—
Total	11	656	2,663,046	50,899,324	60,951,564
1958					
\$200,000 to \$499,999	1	69	261,818	2,458,145	3,142,507
\$500,000 to \$999,999	3				
\$1,000,000 to \$4,999,999	4	197	722,450	8,354,629	9,875,957
\$5,000,000 and over	3	269	1,269,384	34,690,116	40,776,745
Head offices	1	79	421,582	—	—
Total	11	614	2,675,234	45,502,890	53,795,209

TABLE 8. Capital and Repair Expenditures in the Vegetable Oils Industry, 1954-58

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construc- tion	Machinery and equipment		Construc- tion	Machinery and equipment		
	thousands of dollars						
1954.....	12	147	159	147	134	281	440
1955.....	64	188	252	88	301	389	641
1956.....	231	761	992	12	407	419	1,411
1957.....	59	225	284	38	422	460	744
1958 ¹	221	934	1,155	15	247	262	1,417

¹ Preliminary.

TABLE 9. Employees and their Earnings in the Vegetable Oils Industry, by Provinces, 1957 and 1958

Province	Employees					Earnings			
	Supervisory and office		Workmen		Total	Supervisory and office	Workmen	Total	
	Male	Female	Male	Female					
1957	number					dollars			
Ontario	}	105	29	296	2	432	711,318	1,079,339	1,790,657
Quebec									
Manitoba									
Saskatchewan	}	83	35	105	1	224	542,703	329,686	872,389
Alberta									
British Columbia									
Canada		188	64	401	3	656	1,254,021	1,409,025	2,663,046
1958									
Ontario	}	101	28	271	1	401	741,198	1,036,750	1,777,948
Quebec									
Manitoba									
Saskatchewan	}	81	32	100	—	213	568,653	328,633	897,286
Alberta									
British Columbia									
Canada		182	60	371	1	614	1,309,851	1,365,383	2,675,234

TABLE 10. Production Workers, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
January	441	3	444	371	1	372
February	426	3	429	375	1	376
March	389	3	392	368	1	369
April	394	2	396	350	1	351
May	397	5	402	357	1	358
June	386	6	392	369	1	370
July	343	1	344	320	1	321
August	394	2	396	360	1	361
September	386	2	388	377	1	378
October	438	6	444	420	1	421
November	430	6	436	401	1	402
December	387	2	389	375	1	376
Average	401	3	404	371	1	372

TABLE 11. Fuel and Electricity Used in the Vegetable Oils Industry, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal—Canadian	ton 955	11,314	1,431	18,851
Imported	" 22,687	229,149	15,687	172,425
Lignite coal	" 396	3,176	167	1,216
Gasoline	Imp. gal. 20,225	9,121	38,908	16,433
Fuel oil	" 1,922,913	207,119	1,786,919	171,647
Gas—Natural	M cu. ft. 16,450	5,486	15,175	4,775
Other fuel	—	32,547	—	—
Electricity purchased	kwh. 32,968,492	258,502	30,120,118	248,390
Steam purchased	—	1	—	184,925
Total	—	756,414	—	818,662

¹ Not collected separately.

TABLE 12. Total Horsepower Rating of Power Equipment in Use or Available for Use at the End of 1958

Type of equipment	horsepower	
	Driving generators	Not driving generators
A. Prime Movers		
1. Steam engines	—	—
2. Steam turbines	—	20
3. Diesel engines	—	—
4. Gasoline, gas and oil engines, other than diesel engines	—	25
5. Hydraulic turbines or water wheels	—	—
Total	—	45
B. Electric motors (one-quarter horsepower and over)	—	13,924

TABLE 13. Imports and Exports of Specified Commodities Pertaining to the Vegetable Oils Industry, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
(a) Imports				
Nuts, grains and seeds:				
Copra, not prepared..... lb.	33,585,502	2,219,387	11,373,345	913,060
Beans, soya..... bu.	10,416,085	23,727,320	10,861,314	23,441,521
Flaxseed..... "	8,746	41,302	96,582	303,319
Millet and rapeseed..... lb.	1,935,723	100,865	2,110,310	84,518
Oils:				
Cocoonut oil:				
Edible..... cwt.	8,603	130,151	14,637	238,373
Not edible..... "	302,761	3,130,941	452,579	5,375,584
Cottonseed oil:				
Edible..... "	22,786	363,407	25,734	373,548
Not edible..... "	280,072	3,557,188	229,453	2,777,158
Olive oil:				
Edible..... "	23,631	812,062	29,697	899,056
Not edible..... "	44	1,528	72	1,525
Peanut oil:				
Edible..... "	2,714	68,897	10,742	194,257
Not edible..... "	45,380	668,676	205,137	2,580,243
Soya bean oil:				
Edible..... "	164,385	2,255,969	235,300	3,055,467
Not edible..... "	64,870	881,530	67,158	802,865
Cashew nut shell oil..... "	944	14,879	701	10,872
Castor oil..... "	56,730	1,194,604	48,243	751,654
Chinawood oil..... "	37,189	751,850	47,123	785,221
Essential oil, natural and synthetic, n.o.p., and non-alcoholic preparations thereof..... lb.	1,312,644	3,819,082	1,494,027	4,058,638
Eucalyptus oil, natural and synthetic..... "	10,680	7,568	17,279	10,005
Flaxseed or linseed oil, raw or boiled..... cwt.	1,341	24,701	1,583	29,787
Tall oil and tall oil pitch..... "	80,911	437,202	83,153	438,689
Foots, being the refuse of cottonseed or olives after the oil has been pressed out..... "	156	1,758	1,332	7,332
Oiticica oil..... "	1,699	25,917	1,012	16,143
Palm oil..... "	391,935	4,180,321	404,599	4,026,530
Peppermint oil, natural and synthetic..... lb.	72,725	405,765	81,458	401,711
Rapeseed oil, crude or refined..... cwt.	—	—	280	5,948
Resin oil..... "	5,363	33,464	6,794	40,991
Sesame seed oil..... "	515	18,030	479	15,894
Vegetable oils and mixtures of animal, mineral and vegetable oils, for textiles..... "	23,929	484,858	25,478	536,856
Lemon and orange oils, natural or synthetic..... lb.	205,275	650,917	189,374	671,637
Spearmint oil, natural or synthetic..... "	28,527	138,910	31,186	138,769
Vegetable oils, n.o.p., not edible..... cwt.	168,292	2,403,593	183,264	2,543,342



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TABLE 13. Imports and Exports of Specified Commodities Pertaining to the Vegetable Oils Industry, 1957 and 1958 — Concluded

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
(a) Imports — Concluded				
Oilcake and meal:				
Cottonseed cake and cotton seed cake meal..... cwt.	9,822	28,164	53,306	130,676
Linseed oilcake and linseed oilcake meal..... "	51,245	143,032	6,549	17,909
Soya bean oilcake and soya bean oilcake meal..... "	3,651,911	8,763,386	2,904,042	8,204,242
Soya bean flour..... "	34,800	266,978	38,824	283,432
(b) Exports				
Vegetable cooking fats, edible	1,833	43,990	655	15,720
Linseed oilcake and meal..... "	591,523	1,915,225	339,962	1,035,132
Soya bean oilcake and meal..... "	4,579,094	15,549,374	1,720,662	5,818,366
Oilcake and oilcake meal, n.o.p..... "	77,350	203,181	29,178	84,069
Essential oil..... lb.	78,136	184,575	34,008	73,431
Foots and other vegetable soap stock	4,124	18,619	7,206	20,381
Linseed and flaxseed oil	1,886,193	2,098,715	1,664,714	1,785,014
Oils, vegetable, n.o.p., not edible	7,524	9,837	58,296	75,609
Flaxseed, n.o.p..... bu.	21,538,448	64,718,878	14,278,189	45,046,453
Rapeseed oil..... gal.	648,607	794,181	166,238	132,386
Soya bean oil	4,265,246	4,880,064	3,075,516	2,943,517

Directory of Firms Included in the Vegetable Oils Industry, 1958

Name of firm	Location of plant
Quebec:	
The Canada Linseed Oil Mills, Limited	2215 Notre Dame St. E., Montreal
The Sherwin-Williams Co. of Canada Ltd.....	2875 Centre St., Montreal
Ontario:	
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
Manitoba:	
Co-operative Vegetable Oils, Limited	Altona
The Sherwin-Williams Co. of Canada Ltd.....	110 Sutherland Avenue, Winnipeg
Saskatchewan:	
Saskatchewan Wheat Pool (Vegetable Oil Plant)	33 Road St., Saskatoon
Alberta:	
The Alberta Linseed Oil Co. Limited	Medicine Hat
British Columbia:	
Northern Vegetable Oils Ltd.	Foot Dunlevy Avenue, Vancouver