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THE PETROLEUM PRODUCTS 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 in the **Products Made from Petroleum and Coal** 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	M – Monthly	S.C. – Special
S.A. – Semi-Annual	O – Occasional	Compilation

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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*.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- P preliminary figures.
- † revised figures.

THE PETROLEUM PRODUCTS INDUSTRY

1958

Statistics for the Petroleum Products Industry cover all establishments in Canada which were occupied in (a) the refining of crude oil to produce gasoline, fuel oil, etc. (b) the blending of compounding of lubricating oils and greases and (c) the operation of absorption gasoline plants for the recovery of the naphtha content of natural gas.

Forty-two refineries, 15 blending plants and 14 absorption plants, or a total of 71 works reported in this category in 1958 and the aggregate value of production was \$1,368,649,087, a decrease of 0.6 per cent from the 1957 total of \$1,376,558,762. It should be noted that the figures for 1954 and subsequent years are not exactly comparable with those

for previous years due to a change in procedure used in reporting value of products by the petroleum refining industry.

Output figures for 1958 included \$1,333,477,393 for petroleum refineries, \$17,662,168 for concerns engaged in blending oils and greases and \$17,509,526 for absorption plants, against corresponding totals in 1957 of \$1,348,437,014, \$16,777,283 and \$11,344,465 respectively. The principal statistics for each of these groups and for the industry as a whole are tabulated in tables 1 to 5 and the detailed figures for each division are recorded separately in the succeeding pages of this report.

(a) The Petroleum Refining Industry, 1958

The 42 petroleum refineries which operated in Canada in 1958 were distributed by provinces as follows: 5 in Quebec, 6 in Ontario, 3 in Manitoba, 8 in Saskatchewan, 10 in Alberta, 7 in British Columbia and 1 each in Nova Scotia, New Brunswick and Northwest Territories. The refineries which were active at the end of the year had a capacity of 803,050 barrels of crude oil per day, of which Quebec had 265,800 barrels or 33.1 per cent; Ontario, 207,850 barrels or 25.9 per cent; British Columbia, 100,000 barrels or 12.5 per cent; Alberta, 80,550 barrels or 10.0 per cent; Saskatchewan 69,000 barrels or 8.6 per cent; Nova Scotia, 45,000 barrels or 5.6 per cent; Manitoba, 33,200 barrels or 4.1 per cent; the Northwest Territories, 1,350 barrels and New Brunswick, 300 barrels. The location, type and capacity of each of these refineries are recorded in the directory at the end of this report.

During the year 106,458,959 barrels of imported crude oil and 133,547,168 barrels of crude oil and absorption gasoline from Canadian wells, or a total of 240,006,126 barrels was put through Canadian refineries, this amounting to about 82.5 per cent of rated capacity. Of the total crude input about 0.6 per cent was imported from the United States and 43.4 per cent from other countries while about 56.0 per cent came from Canadian wells. The total cost at refineries of all crude oil and naphtha charged to still during the year was \$737,795,324. Stocks of crude oil held at the refineries on December 31st amounted to 7,901,419 barrels.

Refinery production of gasoline amounted to 90,004,971 barrels. The gallonage made in 1958 was

1.0 per cent over 1957 which in turn was 0.3 per cent over 1956. The refinery selling value of the gasoline made during the year was \$628,411,314. Stocks of gasoline held by the refineries on December 31st amounted to 10,519,181 barrels.

Imports of gasoline, motor and aviation, and including casinghead, amounted to 5,258,663 barrels during 1958 while exports, including re-exports totalled 167,841 barrels. Sales, as reported to the Bureau, amounted to 101,282,000 barrels, this figure being compiled from returns to provincial governments in connection with tax payments.

Production of fuel and gas oils (excluding any made and used for cracking purposes) totalled 122,613,292 barrels of which 115,073,882 barrels were made for sale and 7,539,410 barrels for use as fuel in the producing plants. Imports amounted to 20,926,000 barrels and exports, including re-exports totalled 634,000 barrels. Producers' stocks of all fuel oils decreased by 1,775,886 barrels to 14,485,270 barrels at the end of the year. Consumption of fuel oil and distillate in Canada, excluding consumption under refinery boilers, as reported by distributors and refiners, amounted to 135,611,130 barrels in 1958.

Employment in the refinery industry totalled 13,799 people who received \$73,366,863 in salaries and wages. Expenditures for fuel and electricity amounted to \$50,194,192 and \$809,113,787 were paid out for crude oil and other processing materials.

(b) Manufacture of Lubricating Oils and Greases, (other than in refineries), 1958

Fifteen factories were occupied chiefly in compounding lubricating oils and greases in Canada during 1958. Eight of these plants were located in Ontario, 3 in Quebec, 1 in Manitoba, 1 in Saskatchewan and 2 in Alberta. They gave work to a total of 280 people who were paid \$1,183,922 in salaries and wages. Purchases of processing materials and containers cost \$11,305,690. Included in the year's

output were lubricating oils at \$15,283,038 and lubricating greases at \$2,263,221. Total Canadian output of lubricating oils and greases, including production from the refineries, amounted to 2,454,950 barrels in 1958. Sales of lubricating oils, as reported by principal dealers, amounted to 2,981,992 barrels, while sales of lubricating greases totalled 159,333 barrels.

(c) Absorption Gasoline Plants, 1958

Fourteen plants, all in Alberta, operated in this group in 1958. Value of shipments amounted to \$17,509,526. Output included 101,851,474 M cubic feet of dry gas valued at \$7,619,430; 63,560,053 gallons of natural gasoline and condensate at \$5,026,474; 56,846,881 gallons of liquefied petroleum gases at \$2,214,657 and 143,711 tons of sulphur at \$2,610,783. Employees numbered 411 persons who received \$2,093,033 in salaries and wages. Expenditures for fuel and electricity amounted to \$734,331 and raw gas and other materials used in processing cost \$9,501,032.

Absorption plants are designed to recover the naphtha content of natural gas. In addition, large quantities of propane, butane and dry gas are recovered. These plants were not treated as a separate group prior to 1952 and, accordingly, data for earlier years are not available.

Note: Figures for value added by manufacture, shown in table 1, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value

of factory shipments, f.o.b. plant for the lubricating Oils and Greases and the Absorption Gasoline Plants portion of this group. The Refineries, however, continued to report value of production. As no inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments (Production in the case of the Refineries) the cost of materials, fuel and electricity. In 1954 and 1955 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 for 1954 and 1955 for the Lubricating Oils and Greases and the Absorption Gasoline Plants portion of the group. 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. The "Value added" figures for the Petroleum refineries, however, continued to be calculated on the same basis as was used prior to 1952.

**TABLE 1. Principal Statistics of the Petroleum Products 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	25	4,978	8,153,625	3,754,655	76,861,939	18,791,720	99,408,314
1933	47	4,628	6,141,945	3,137,719	49,187,757	17,942,789	70,268,265
1937	57	5,137	8,246,843	4,450,005	80,401,880	13,602,129	98,454,014
1939	53	4,766	7,890,247	4,578,699	74,465,600	25,534,218	104,578,517
1944	48	6,809	14,317,939	9,002,567	153,558,664	47,986,185	210,547,416
1946	43	7,145	14,849,141	10,159,025	155,818,744	57,447,611	223,425,380
1949	47	9,413	26,142,276	16,852,060	336,973,056	82,971,097	436,796,213
1954	61	12,476	52,316,208	31,215,380	568,541,677	309,795,241	909,252,514
1955	61	13,340	57,892,387	32,593,790	642,872,134	373,368,531	1,048,834,455
1956	61	13,925	66,341,638	43,127,224	766,375,257	444,427,813	1,253,798,979
1957							
Quebec	8	2,852	15,693,245	19,599,654	300,825,529	180,727,670	500,924,115
Ontario	12	5,420	28,817,229	15,234,872	228,734,481	121,201,904	365,328,298
Manitoba	4	656	2,731,140	2,207,864	31,462,751	21,336,149	54,990,334
Saskatchewan	10	1,239	6,002,267	3,436,155	57,499,210	28,645,294	89,580,404
Alberta	22	2,213	10,926,532	4,256,667	83,460,019	60,007,217	147,472,583
British Columbia	5	1,384	6,745,008	3,615,512	76,996,178	55,754,357	136,366,047
Nova Scotia	1	544	2,971,653	4,047,700	48,492,647	29,356,634	81,896,981
New Brunswick	1						
Northwest Territories ..	1						
Canada	64	14,308	73,887,074	52,398,424	827,470,815	497,029,225	1,376,558,762
1958							
Quebec	8	2,969	15,930,421	16,710,356	279,375,653	171,663,141	467,749,150
Ontario	14	5,337	29,374,546	16,904,326	255,695,530	120,861,674	393,461,530
Manitoba	4	703	2,910,954	2,124,043	34,189,442	20,749,388	57,062,873
Saskatchewan	11	1,183	5,872,466	2,911,856	50,255,873	29,241,309	82,409,038
Alberta	22	2,214	11,534,922	4,257,904	81,538,769	64,278,456	150,075,129
British Columbia	9	1,551	8,129,287	4,495,609	77,570,220	51,558,413	133,624,242
Nova Scotia	1	533	2,891,222	3,648,102	51,295,022	29,324,001	84,267,125
New Brunswick	1						
Northwest Territories ..	1						
Canada	71	14,490	76,643,818	51,052,196	829,920,509	487,676,382	1,368,649,087

¹ See note to text.

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics of the Petroleum Products Industry, by Sub-groups, 1957 and 1958

Group	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products at works ¹
	number		dollars				
1957							
Petroleum refining	41	13,768	71,345,568	51,827,693	811,435,682	485,173,639	1,348,437,014
Lubricating oils and greases	13	270	1,132,624	146,319	10,788,444	5,965,057	16,777,283
Absorption gasoline	10	270	1,408,882	424,412	5,246,689	5,890,529	11,344,465
Totals	64	14,308	73,887,074	52,398,424	827,470,815	497,029,225	1,376,558,762
1958							
Petroleum refining	42	13,799	73,366,863	50,194,192	809,113,787	474,169,414	1,333,477,393
Lubricating oils and greases	15	280	1,183,922	123,673	11,305,690	7,512,903	17,662,168
Absorption gasoline	14	411	2,093,033	734,331	9,501,032	8,374,834	17,509,526
Totals	71	14,490	76,643,818	51,052,196	829,920,509	490,057,151	1,368,649,087

¹ See note to text.

TABLE 3. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
(a) By sub-groups				
Opening:				
Petroleum refining	40,473,319	17,940,072	116,385,659	174,799,050
Lubricating oils and greases	2,147,440	557,428	602,640	3,307,508
Absorption gasoline	7,429	6,559	375,657	389,645
Totals	42,628,188	18,504,059	117,363,956	178,496,203
Closing:				
Petroleum refining	42,741,856	15,957,138	100,842,940	159,541,934
Lubricating oils and greases	665,737	1,675,759	764,407	3,105,903
Absorption gasoline	8,723	2,518	1,480,369	1,491,610
Totals	43,416,316	17,635,415	103,087,716	164,139,447
(b) By provinces				
Opening:				
Quebec	14,118,075	3,612,609	39,971,824	57,702,508
Ontario	16,373,581	9,131,616	32,083,678	57,588,875
Manitoba	850,362	196,153	6,182,925	7,229,440
Saskatchewan	2,133,251	738,643	11,781,508	14,653,402
Alberta	1,854,307	2,373,818	12,976,392	17,204,517
British Columbia	5,395,764	1,490,485	7,808,994	14,695,243
Other provinces	1,902,848	960,735	6,558,635	9,422,218
Canada	42,628,188	18,504,059	117,363,956	178,496,203
Closing:				
Quebec	18,741,794	4,389,224	31,140,844	54,271,862
Ontario	13,979,860	7,664,295	28,258,849	49,903,004
Manitoba	934,671	384,242	5,821,163	7,140,076
Saskatchewan	1,746,988	1,263,068	8,365,315	11,375,371
Alberta	1,877,721	1,372,715	11,128,165	14,378,601
British Columbia	3,656,051	1,891,049	11,346,759	16,893,859
Other provinces	2,479,231	670,822	7,026,621	10,176,674
Canada	43,416,316	17,635,415	103,087,716	164,139,447

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 Petroleum Products 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 4. Principal Statistics of the Petroleum Products Industry, classified according to Type of Ownership, 1957 and 1958

Type	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Gross selling value of products
	number		dollars			
1957						
Individual ownership	2	14,308	73,887,074	52,398,424	827,470,815	1,376,558,762
Co-operatives	1					
Incorporated companies	61					
Totals	64	14,308	73,887,074	52,398,424	827,470,815	1,376,558,762
1958						
Individual ownership	2	14,490	76,643,818	51,052,196	829,920,509	1,368,649,087
Co-operatives	1					
Incorporated companies	68					
Totals	71	14,490	76,643,818	51,052,196	829,920,509	1,368,649,087

TABLE 5. Principal Statistics of the Petroleum Products Industry, grouped according to Selling Value of Products, 1957 and 1958

Establishments reporting a value of products	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Gross selling value of products
	number		dollars			
1957						
\$ 10,000 to \$ 24,999	3	7	15,915	886	19,957	55,581
50,000 " 99,999	3	11	34,305	4,948	83,577	162,441
100,000 " 199,999	3	21	76,714	5,063	283,956	465,286
200,000 " 499,999	5	93	498,287	136,717	642,297	1,816,233
500,000 " 999,999	3	39	136,019	14,573	1,550,088	1,830,482
1,000,000 " 4,999,999	18	970	4,162,019	1,624,118	26,963,761	43,517,024
5,000,000 and over	29	10,469	54,020,866	50,612,119	797,927,179	1,328,711,715
Head offices	-	2,698	14,942,949	-	-	-
Totals	64	14,308	73,887,074	52,398,424	827,470,815	1,376,558,762
1958						
Under \$10,000	2	34	154,192	35,269	376,244	69,978
\$ 10,000 to \$ 24,999	3					
25,000 " 49,999	2	12	42,058	8,688	118,587	232,306
50,000 " 99,999	2					
100,000 " 199,999	4	31	121,620	40,730	260,746	557,604
200,000 " 499,999	4	46	240,098	35,678	396,903	1,259,011
500,000 " 999,999	5	109	519,717	184,707	2,040,177	3,182,123
1,000,000 " 4,999,999	20	1,240	5,785,065	2,238,093	35,161,963	52,209,813
5,000,000 and over	29	10,174	53,655,205	48,509,031	791,565,889	1,311,138,252
Head offices	-	2,844	16,125,863	-	-	-
Totals	71	14,490	76,643,818	51,052,196	829,920,509	1,368,649,087

TABLE 6. Number and Total Capacity of Petroleum Refineries in Operation December 31, 1955-58

Province	1955		1956		1957		1958	
	Number	Capacity, in barrels of crude per day	Number	Capacity, in barrels of crude per day	Number	Capacity, in barrels of crude per day	Number	Capacity, in barrels of crude per day
Nova Scotia	1	18,000	1	42,000	1	44,500	1	45,000
New Brunswick	1	300	1	300	1	300	1	300
Quebec	5	220,000	5	252,000	5	255,800	5	265,800
Ontario	6	148,850	6	163,950	6	201,350	6	207,850
Manitoba	3	28,000	3	30,200	3	33,200	3	33,200
Saskatchewan	9	66,800	9	62,000	9	69,600	8	69,000
Alberta	10	77,900	10	83,600	10	84,450	10	80,550
British Columbia	4	64,000	5	71,000	5	76,000	7	100,000
Northwest Territories	1	1,250	1	1,300	1	1,300	1	1,350
Canada	40	625,100	41	706,350	41	766,500	42	803,050

Note: 1 barrel = 35 Imperial gallons.

TABLE 7. Principal Statistics of the Petroleum Refining Industry, 1954-58

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture	Gross selling value of products
	number				dollars		
1954	40	12,048	50,796,930	30,973,211	558,856,312	301,167,494	890,997,017
1955	40	12,881	56,031,965	32,313,988	630,316,952	363,708,930	1,026,339,870
1956	41	13,489	64,519,793	42,695,192	752,575,866	433,352,374	1,228,623,432
1957	41	13,768	71,345,568	51,827,693	811,435,682	485,173,639	1,348,437,014
1958	42	13,799	73,366,863	50,194,192	809,113,787	474,169,414	1,333,477,393

TABLE 8. Principal Statistics of the Petroleum Refining Industry by Provinces, 1957 and 1958

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	Gross selling value of products
	number				dollars		
1957							
Quebec	5	2,787	15,435,270	19,558,539	297,365,190	178,361,969	495,285,698
Ontario	6	5,245	28,057,037	15,139,674	222,788,441	118,295,663	356,223,778
Manitoba	3	650	2,714,618	2,203,819	31,253,292	21,271,923	54,729,034
Saskatchewan	9	1,232	5,973,920	3,433,142	57,372,156	28,618,246	89,423,544
Alberta	10	1,926	9,448,062	3,829,307	77,167,778	53,514,847	134,511,932
British Columbia	5	1,384	6,745,008	3,615,512	76,996,178	55,754,357	136,366,047
Other provinces ¹	3	544	2,971,653	4,047,700	48,492,647	29,356,634	81,896,981
Canada	41	13,768	71,345,568	51,827,693	811,435,682	485,173,639	1,348,437,014
1958							
Quebec	5	2,908	15,680,991	16,675,024	276,179,578	168,826,276	461,680,878
Ontario	6	5,149	28,566,529	16,826,538	249,274,346	117,818,409	383,919,293
Manitoba	3	697	2,892,610	2,120,008	33,988,332	20,655,133	56,763,473
Saskatchewan	8	1,159	5,773,142	2,871,126	50,100,463	29,020,255	81,991,844
Alberta	10	1,883	9,796,085	3,729,406	74,699,180	57,806,024	136,234,610
British Columbia	7	1,470	7,766,284	4,323,988	73,576,866	50,719,316	128,620,170
Other provinces ¹	3	533	2,891,222	3,648,102	51,295,022	29,324,001	84,268,125
Canada	42	13,799	73,366,863	50,194,192	809,113,787	474,169,414	1,333,477,393

¹ Includes one refinery in each of Nova Scotia, New Brunswick and Northwest Territories.

TABLE 9. Products Made in Petroleum Refineries, 1957 and 1958

Product	1957		1958	
	Quantity	Gross selling value at works	Quantity	Gross selling value at works
		\$		\$
Made for sale:				
Gasoline (excluding imported casing head-blended):				
Aviation gasoline barrel	593,244	7,878,188	675,867	9,006,451
Motor gasoline "	86,267,784	599,141,360	89,310,044	619,266,830
Naphtha specialties "	917,903	7,421,624	924,424	7,667,758
Aviation turbine fuel "	4,790,067	28,589,068	4,302,097	26,883,696
Kerosene, stove oil (No. 1 fuel oil) and tractor fuel "	10,464,676	66,498,683	11,513,997	68,749,661
Diesel fuel "	25,933,159	135,089,167	23,264,089	117,699,331
Light fuel oils (Nos. 2 and 3) "	38,555,741	205,056,269	41,619,213	211,642,223
Heavy fuel oils (Nos. 4, 5 and 6) "	40,099,557	129,577,876	34,374,486	93,707,646
Lubricating oil and grease "	2,116,884	53,585,973	1,887,969	48,762,845
Asphalt "	8,195,860	37,875,921	9,161,825	43,410,446
Petroleum coke ton	155,161	2,020,451	176,860	2,121,668
Petrochemical feed stocks barrel	1,930,073	6,642,608	4,440,182	14,271,748
Liquefied petroleum gases "	2,833,915	11,688,110	3,540,608	13,599,398
Other products ¹ "	—	10,495,234	—	15,500,871
Totals — made for sale	—	1,301,560,532	—	1,292,290,572
Made for own use:				
Gasoline barrel	23,139	180,039	19,060	138,033
Naphtha specialties "	2,759	22,971	2,014	17,159
Kerosene, stove oil (No. 1 fuel oil) and tractor fuel "	762	5,257	542	3,345
Diesel fuel "	14,656	86,559	13,367	76,586
Light fuel oils (Nos. 2 and 3) "	19,110	88,068	21,184	83,268
Heavy fuel oils (Nos. 4, 5 and 6) "	7,156,497	21,854,287	7,504,317	19,445,938
Lubricating oil and grease "	3,507	101,166	3,403	14,992
Asphalt "	7,611	34,421	8,013	40,121
Petroleum coke ² ton	118,135	1,647,867	285,937	3,516,356
Still gas M cu. ft.	35,331,356	19,555,876	39,397,753	17,070,303
Other products "	—	3,299,971	—	780,720
Totals — made for own use	—	46,876,482	—	41,186,821
Grand totals	—	1,348,437,014	—	1,333,477,393

¹ Includes candles, alkylate, naphthenic acid, etc. These items were reported by fewer than three companies, so in accordance with the provisions of the Statistics Act, the figures cannot be shown separately.

² The total for 1958 includes some catalytic carbon which was included under "Other products" in previous years.

TABLE 10. Materials Used in Petroleum Refineries, 1957 and 1958

Material	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Crude oil in its natural state, from Canadian wells barrel	127,304,046	392,415,046	132,237,015	409,239,469
Absorption gasoline, etc., from Canadian wells (run to stills)	713,139	2,079,452	1,310,153	3,625,097
Crude oil, in its natural state, imported, (run to stills):				
From United States	8,250,483	28,472,722	1,177,216	4,533,852
From South America	88,568,228	283,692,667	72,124,350	226,603,914
From other countries	14,018,258	41,618,921	32,461,651	93,792,992
Crude oil, not in its natural state (run to stills)	-	-	695,742	3,813,817
Benzol	70,506	1,096,750	70,584	935,438
Alkylate and cumene	154,382	1,381,541	124,132	1,011,792
Phenol	656,874	111,338	744,494	149,088
Sulphuric acid, 100%	22,279,360	381,916	32,562,099	540,406
Ammonia, anhydrous	540,860	99,486	409,762	70,700
Sulphur	449,787	20,029	450,186	20,059
Caustic soda	19,168,129	731,017	16,835,315	676,964
Soda ash	1,632,670	58,188	1,593,533	55,829
Litharge	310,349	47,507	360,197	50,503
Fuller's earth, bentonite and other clays ton	3,724	324,481	1,036	38,626
Tetraethyl fluid	8,409,576,540	14,871,295	37,816,363	14,154,586
Dyes for gasoline .....	..	97,090	..	112,615
Inhibitor .....	..	588,029	..	637,844
Fluid catalytic cracking unit catalysts (Aerocat, Nalcat, Filtrol 100, FCCU catalyst, etc.) .....	..	4,944,678	..	4,245,660
Reforming or polymerization catalysts .....	..	1,654,101	..	1,393,473
Additives .....	..	4,914,318	..	4,490,488
Other materials .....	..	22,016,012	..	28,879,585
Shipping containers .....	..	9,819,098	..	10,040,890
Totals .....	...	811,435,682	...	809,113,787

¹ Pounds in 1958.

TABLE 11. Employees and their Earnings in Petroleum Refineries, 1957 and 1958

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Quebec	747	114	1,918	8	2,787	5,062,281	10,372,989	15,435,270
Ontario	2,075	773	2,366	31	5,245	16,215,229	11,841,808	28,057,037
Manitoba	159	150	338	3	650	1,400,481	1,314,137	2,714,618
Saskatchewan	312	71	848	1	1,232	2,045,744	3,928,176	5,973,920
Alberta	517	150	1,249	10	1,926	3,741,970	5,706,092	9,448,062
British Columbia	460	103	821	-	1,384	3,009,122	3,735,886	6,745,008
Other provinces	104	24	403	13	544	828,808	2,142,845	2,971,653
Canada	4,374	1,385	7,943	66	13,768	32,303,635	39,041,933	71,345,568
1958								
Quebec	819	113	1,969	7	2,908	5,705,118	9,975,873	15,680,991
Ontario	2,158	829	2,133	29	5,149	17,310,929	11,255,600	28,566,529
Manitoba	178	162	354	3	697	1,457,245	1,435,365	2,892,610
Saskatchewan	300	57	801	1	1,159	2,018,587	3,754,555	5,773,142
Alberta	552	152	1,174	5	1,883	4,179,922	5,616,163	9,796,085
British Columbia	505	112	853	-	1,470	3,440,872	4,325,412	7,766,284
Other provinces	102	25	393	13	533	813,090	2,078,132	2,891,222
Canada	4,614	1,450	7,677	58	13,799	34,925,763	38,441,100	73,366,863

TABLE 12. Production Workers in Petroleum Refineries, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January	7,720	64	7,784	7,734	57	7,791
February	7,747	67	7,814	7,671	57	7,728
March	7,842	65	7,907	7,711	56	7,767
April	7,863	65	7,928	7,801	60	7,861
May	8,195	66	8,261	7,865	61	7,926
June	8,290	67	8,357	7,935	60	7,995
July	8,337	71	8,408	7,901	61	7,962
August	8,256	68	8,314	7,765	59	7,824
September	7,887	68	7,955	7,536	56	7,592
October	7,735	65	7,800	7,440	55	7,495
November	7,671	65	7,736	7,379	53	7,432
December	7,710	62	7,772	7,359	54	7,413
Average	7,943	66	8,009	7,677	58	7,735

TABLE 13. Capital and Repair Expenditures in the Petroleum Refining and Lubricating Oils Industry, 1954-58

Year	Capital expenditures			Repair and maintenance expenditures			Total capital and repair expenditures
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	
	thousands of dollars						
1954	75,418	8,452	83,870	14,722	7,962	22,684	106,554
1955	97,999	4,863	102,862	18,306	4,173	22,479	125,341
1956	74,680	4,389	79,069	20,871	4,232	25,103	104,172
1957	77,308	4,179	81,487	24,869	3,576	28,445	109,932
1958 ^P	98,214	6,207	104,421	21,950	1,922	23,872	128,293

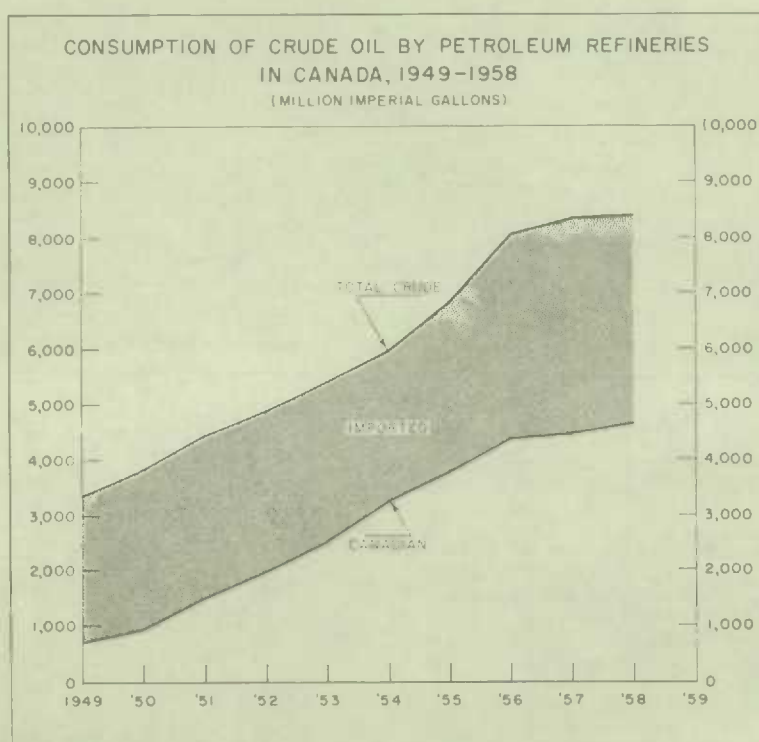


TABLE 14. Consumption of Crude Oil in Petroleum Refineries, showing Canadian and Imported Separately, 1949 - 58

Year	Canadian ¹	Imported ²	Total
	Imperial gallons		
1949	701, 123, 425	2, 666, 512, 499	3, 367, 635, 924
1950	933, 323, 159	2, 886, 676, 665	3, 819, 999, 824
1951	1, 500, 254, 636	2, 947, 368, 272	4, 447, 622, 908
1952	1, 983, 050, 133	2, 892, 977, 452	4, 876, 027, 585
1953	2, 507, 927, 775	2, 896, 594, 489	5, 404, 522, 264
1954	3, 263, 312, 419	2, 722, 901, 936	5, 986, 214, 355
1955	3, 791, 771, 419	3, 035, 196, 281	6, 826, 967, 700
1956	4, 395, 193, 712	3, 700, 839, 018	8, 096, 032, 730
1957	4, 480, 601, 496	3, 879, 293, 938	8, 359, 895, 434
1958	4, 674, 150, 880	3, 726, 063, 565	8, 400, 214, 445

¹ Includes the crude naphtha and absorption gasoline from the Turner Valley field, which was run to refinery stills.

² Includes reduced crude.

TABLE 15. Casinghead Gasoline Imported and Used for Blending at the Refineries, 1958 (These items not included in previous tables)

Imported natural casinghead gasoline received at the refinery during the year	—
Imported natural casinghead gasoline used for blending during year	—
Total stocks of imported natural casinghead gasoline at the end of the year	—

TABLE 16. Stocks on Hand at the Refineries at the End of 1958

	Stocks on hand at refineries on December 31, 1958	Increase or decrease compared with December 31, 1957
	barrels	
Crude oil and naphtha, in its natural state, from Canadian wells	4, 516, 504	+ 465, 146
Absorption gasoline, etc., from Canadian wells	14, 044	+ 9, 544
Crude oil, imported:		
In its natural state	3, 350, 800	- 163, 862
Not in its natural state	20, 071	- 13
Total crude	7, 901, 419	+ 310, 815
Naphtha specialties	142, 025	- 36, 586
Aviation gasoline	565, 990	+ 80, 089
Motor gasoline	9, 953, 191	+ 484, 372
Aviation turbine fuel	425, 294	+ 102, 387
Kerosene, stove oil (No. 1 fuel oil) and tractor fuel	1, 501, 305	+ 137, 743
Diesel fuel	2, 409, 223	-1, 041, 138
Light fuel oils (Nos. 2 and 3)	5, 896, 562	- 564, 202
Heavy fuel oils (Nos. 4, 5 and 6)	4, 252, 886	- 205, 904
Lubricating oils and greases	555, 981	- 53, 174
Liquefied petroleum gases (propane, butane, etc.)	197, 750	- 34, 556
Petroleum coke ton	6, 019	+ 2, 707

TABLE 17. Fuel and Electricity Used in the Petroleum Refining Industry, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal	—	—	2	44
Coke ¹ ton	143, 513	1, 917, 943	336, 067	3, 825, 444
Gasoline (including gasoline used in cars and trucks) Imp. gal.	823, 277	174, 716	845, 489	190, 510
Kerosene	7, 846	1, 397	—	—
Fuel oil	248, 949, 984	20, 738, 665	260, 882, 703	19, 265, 253
Gas (a) Liquefied petroleum gases	4, 659, 315	425, 456	10, 437, 031	779, 132
(b) Other manufactured gas M cu. ft.	35, 331, 356	19, 555, 876	42, 370, 856	18, 201, 727
(c) Natural gas	9, 932, 075	1, 451, 859	9, 799, 131	1, 513, 223
Other fuel	...	2, 128, 935	...	16, 323
Electricity purchased kwh.	799, 021, 921	5, 432, 846	802, 977, 022	6, 033, 916
Steam purchased	—	—	—	368, 620
Totals	...	51, 827, 693	...	50, 194, 192¹

¹ The total for 1958 includes some catalytic carbon which was not reported in previous years.

TABLE 18. Production of Crude Petroleum, by Provinces, 1957 and 1958

Province	1957		1958	
	Barrels	Value	Barrels	Value
		\$		\$
New Brunswick	19,401	27,161	15,189	21,265
Ontario	623,666	2,160,000	778,341	2,623,000
Manitoba	6,089,743	15,467,947	5,829,226	14,415,676
Saskatchewan	36,861,089	79,325,064	44,626,148	96,704,863
Alberta	137,492,316	355,555,140	113,277,847	283,262,592
British Columbia	340,945	763,717	512,359	1,022,156
Northwest Territories	420,844	294,591	457,086	698,266
Canada	181,848,004	453,593,620	165,496,196	398,747,818

TABLE 19. World Crude Oil Production, 1957-59

	1957	1958	1959
	thousands of barrels daily		
North America:			
United States	7,175.0	6,704.0	7,050.0
Canada	498.2	452.0	500.8
Mexico	261.5	265.4	266.4
Totals	7,934.7	7,421.4	7,817.2
South America:			
Venezuela	2,779.3	2,608.5	2,769.4
Colombia	121.6	127.6	142.5
Argentina	93.6	93.4	117.5
Trinidad	93.2	101.4	112.0
Peru	52.7	53.5	50.2
Ecuador	8.7	8.9	8.0
Chile	11.8	14.7	17.3
Brazil	27.7	50.4	64.5
Bolivia	9.8	9.4	8.4
Cuba	1.0	1.0	0.6
Totals	3,199.4	3,066.7	3,290.4
Western Hemisphere	11,134.1	10,488.1	11,107.6
Europe and Africa:			
Sahara	—	—	16.6
Austria	59.2	53.3	45.3
Germany (West)	76.7	84.8	98.6
Netherlands	29.6	29.5	32.0
France	28.1	26.7	27.7
Algeria	3.6	8.9	—
French Morocco	1.6	1.5	1.9
Italy and Sicily	20.6	29.0	31.0
United Kingdom	1.7	1.7	1.7
Gabon	1.6	8.6	13.5
Nigeria	—	5.2	8.4
Angola	—	—	0.8
Germany (East)	—	—	8.0
Totals (excluding U.S.S.R. and satellites)	222.7	249.2	277.5
U.S.S.R.	1,956.8	2,271.4	2,550.0
Romania	228.3	228.4	231.0
Hungary	14.1	16.4	14.1
Poland	3.7	3.7	3.7
Albania	9.0	9.0	9.0
Czechoslovakia	2.6	2.6	2.6
Yugoslavia	8.4	8.4	10.1
Bulgaria	—	—	5.9
Totals	2,222.9	2,539.9	2,834.4
Totals, Europe and Africa	2,445.6	2,789.1	3,111.9
Near and Middle East:			
Kuwait	1,139.9	1,393.2	1,390.0
Saudi Arabia	992.1	1,013.2	1,070.1
Iraq	445.4	736.3	826.0
Iran	714.4	826.2	855.0
Qatar	139.8	169.8	172.1
Egypt	42.1	54.6	58.8
Bahrein	32.0	39.8	45.1
Neutral zone	62.7	86.3	114.7
Turkey	6.3	6.2	7.0
Israel	—	—	2.5
Totals	3,574.9	4,325.6	4,541.3

TABLE 19. World Crude Oil Production, 1957-59 - Concluded

	1957	1958	1959
	thousands of barrels daily		
Far East and Oceania:			
Indonesia	314.7	310.0	341.0
British Borneo	117.1	117.2	104.3
Japan	6.2	6.1	7.6
India	9.1	8.9	8.9
New Guinea	6.3	4.8	5.1
Pakistan	5.9	5.4	9.8
Burma	7.7	7.9	10.2
China	40.9	35.0	60.5
Totals.....	507.0	495.3	547.4
Eastern Hemisphere	6,527.5	7,610.0	8,193.3
World totals	17,661.6	18,098.1	19,300.9

TABLE 20. Crude Oil Production by Principal Nations and Hemispheres, 1957-59

	1957	1958	1959
	per cent		
Principal Nations:			
United States	40.4	37.0	36.4
Venezuela	15.8	14.4	14.3
U.S.S.R.....	13.2	12.6	13.2
Kuwait	6.5	7.6	7.2
Saudi Arabia	5.7	5.6	5.5
Iraq	2.3	4.0	4.3
Canada	2.9	2.5	2.6
Iran	4.0	4.7	4.4
Mexico	1.4	1.4	1.4
Indonesia.....	1.8	1.8	1.8
Romania	1.2	1.3	1.2
British Borneo	0.7	0.7	0.5
Western Hemisphere	62.7	57.9	57.5
North America	44.6	40.9	40.5
South America	18.1	17.0	17.0
Eastern Hemisphere	37.3	40.5	42.2
Middle East	20.0	23.8	23.5
Oceania and Far East	2.8	2.9	2.8
Europe (including U.S.S.R.)	14.5	13.8	15.9

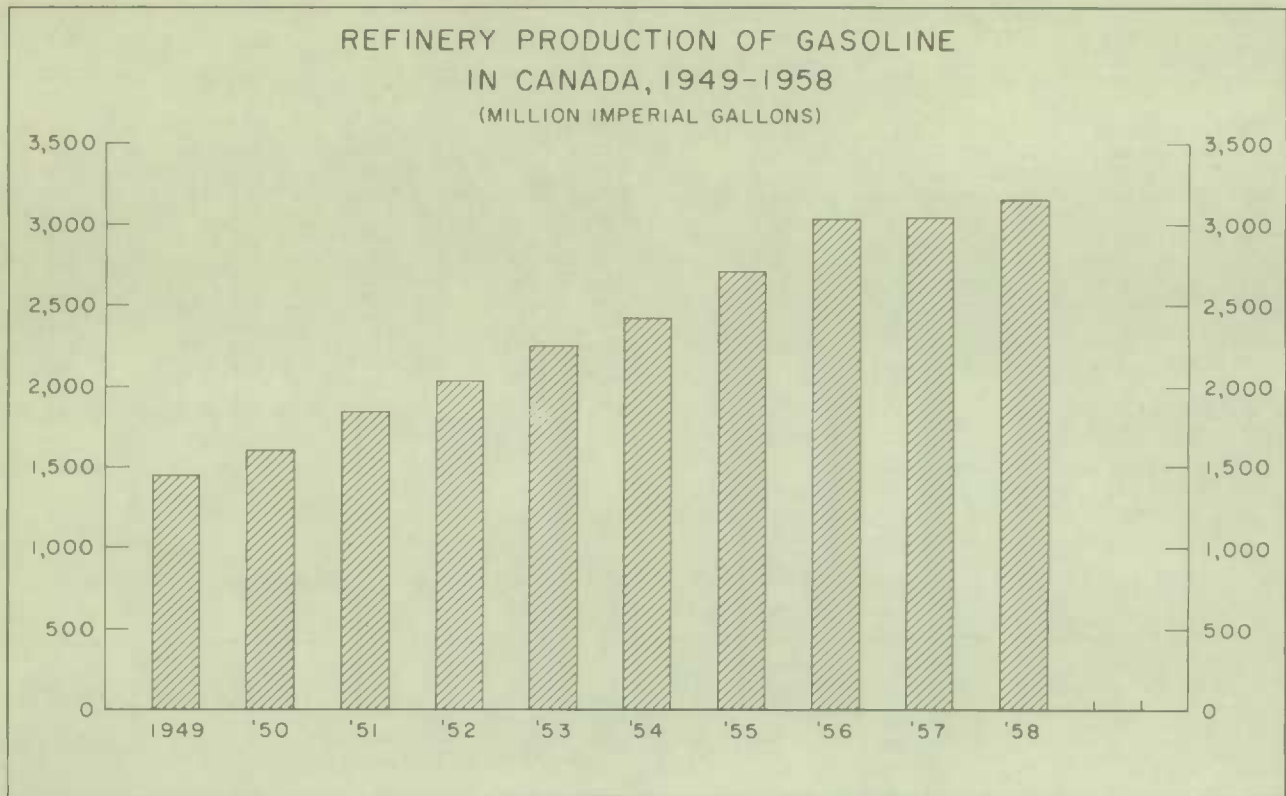
Note: 1 barrel = 35 Imperial gallons.

Source: Data for Tables 19 and 20 were extracted from "World Petroleum", January, 1960.

TABLE 21. Refinery Production¹ of Gasoline, 1949-58

Year	Motor gasoline	Aviation gasoline	Total
	Imperial gallons		
1949	1,426,243,278	14,233,254	1,440,466,532
1950	1,587,289,365	12,806,539	1,600,095,904
1951	1,830,003,975	14,303,616	1,844,307,591
1952	2,026,559,850	16,469,603	2,043,029,453
1953	2,231,373,398	21,061,411	2,252,434,809
1954	2,398,748,504	17,282,637	2,416,031,141
1955	2,683,592,445	25,749,699	2,709,341,144
1956	3,004,642,860	26,558,892	3,031,201,752
1957	3,020,182,008	20,763,838	3,040,945,846
1958	3,126,518,535	23,655,450	3,150,173,985

¹ Includes production made for own use.

**TABLE 22. Gross Sales¹ of Gasoline, by Provinces and Yukon Territory, 1955-58**

Province	1955	1956	1957	1958
	thousands of Imperial gallons			
Newfoundland ²	21,535	24,242	25,527	28,027
Prince Edward Island ²	13,751	14,325	14,294	16,153
Nova Scotia ²	86,499	91,134	94,852	99,662
New Brunswick ¹	75,077	81,178	83,718	95,159
Quebec.....	545,070	611,829	660,810	721,348
Ontario ²	1,099,962	1,198,569	1,237,723	1,295,797
Manitoba	188,284	200,314	219,559	225,701
Saskatchewan	262,202	269,662	280,458	286,608
Alberta.....	353,925	383,609	402,561	442,192
British Columbia	256,166	298,957	324,972	325,270
Yukon ³ and Northwest Territories ⁴	—	4,246	4,735	8,940
Total gross sales.....	2,902,471	3,178,065	3,349,209	3,544,857

¹ Sold for internal combustion purposes.² Gross sales of motor and tractor grades only.³ First reported in January, 1956.⁴ Included for the first time in 1958.

TABLE 23. Gross Sales¹ of Gasoline, by Months, 1955 - 58

Month	1955	1956	1957	1958
	thousands of Imperial gallons			
January	175,649	198,476	227,582	226,029
February	167,455	193,647	206,814	217,933
March	188,801	214,178	230,537	239,215
April	203,618	216,651	246,886	268,910
May	276,328	303,191	323,717	330,885
June	292,990	306,176	302,048	321,278
July	288,915	318,234	349,483	355,740
August	317,743	328,676	351,037	361,471
September	292,208	295,979	308,444	335,364
October	259,611	310,277	299,204	322,420
November	227,760	256,198	254,182	275,594
December	211,393	236,382	249,275	290,018
Totals	2,902,471	3,178,065	3,349,209	3,544,857

¹ Sold for internal combustion purposes.

TABLE 24. Gross Sales of Gasoline, by Months and by Provinces, and Yukon Territory 1958 and Totals for 1957

Month	New-found-land ¹	Prince Edward Island ¹	Nova Scotia	New Brunswick	Quebec	Ontario ²
	thousands of Imperial gallons					
January	1,709	834	6,311	5,956	47,738	87,069
February	1,589	685	5,713	5,531	45,492	82,774
March	1,942	726	6,236	5,802	48,160	90,052
April	2,100	1,011	7,372	6,346	50,450	105,083
May	2,329	1,765	8,956	8,522	64,197	115,402
June	2,493	1,601	8,924	8,796	63,544	114,444
July	2,649	1,812	10,744	10,377	72,441	130,081
August	2,621	1,851	10,471	10,080	72,020	126,629
September	2,823	1,751	9,307	9,146	67,599	116,756
October	2,616	1,701	9,158	9,112	67,424	117,989
November	2,499	1,331	8,041	7,470	58,585	101,101
December	2,657	1,085	8,429	8,021	63,698	108,417
Totals for 1958.....	28,027	16,153	99,662	95,159	721,348	1,293,797
Totals for 1957.....	25,527	14,293	94,852	83,718	660,811	1,237,723
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and Northwest Territories	Total
January	12,864	14,023	28,121	20,971	433	226,029
February	13,076	12,647	27,219	22,773	434	217,933
March	14,002	16,915	28,696	26,130	554	239,215
April	19,006	22,039	30,580	24,311	612	268,910
May	21,144	34,100	44,908	28,834	728	330,885
June	21,045	29,697	40,063	29,707	964	321,278
July	22,472	29,974	42,500	31,789	901	355,740
August	24,550	35,360	45,748	30,828	1,314	361,472
September	23,905	29,980	43,933	29,188	976	335,364
October	21,487	25,081	39,664	27,378	809	322,419
November	17,025	19,780	34,708	24,462	592	275,594
December	15,125	17,012	36,052	28,899	623	290,018
Totals for 1958.....	225,701	286,608	442,192	325,270	8,940	3,544,857
Totals for 1957.....	219,559	280,458	402,561	324,972	4,735	3,349,209

¹ Gross sales of motor and tractor grades only.

² Includes sales of aviation and turbo fuels since May 1, 1958.

TABLE 25. Net Sales¹ of Gasoline, by Provinces, and Yukon Territory, 1955-58

Province	1955	1956	1957	1958
	thousands of Imperial gallons			
Newfoundland	20,470	23,109	24,224	25,904
Prince Edward Island	9,955	10,367	9,785	11,418
Nova Scotia	72,633	76,909	80,496	84,077
New Brunswick	61,855	66,637	70,341	81,828
Quebec	492,225	552,503	593,260	631,480
Ontario	930,144	1,000,391	1,062,519	1,104,513
Manitoba	100,054	114,879	117,441	121,451
Saskatchewan	134,343	143,446	157,726	166,901
Alberta	202,489	222,042	237,183	246,526
British Columbia	202,811	244,062	270,122	251,119
Yukon Territory	²	2,643	2,994	6,739
Canada	2,226,979	2,456,988	2,626,091	2,731,958

¹ Gross sales less gasoline exempt from tax or on which tax is refunded.

² First reported in 1956.

TABLE 26. Provincial Government Receipts from Gasoline Taxes, by Provinces, 1955-58

Province	1955	1956	1957	1958
	dollars			
Newfoundland	3,362,266	3,894,083	4,054,881	4,651,523
Prince Edward Island	1,372,384	1,425,452	1,883,246	2,186,929
Nova Scotia	12,381,334	13,125,184 ¹	13,801,492	14,526,162
New Brunswick	9,922,358	10,670,712	10,892,134	11,445,325
Quebec	67,970,367	78,026,440	84,727,249	88,787,601
Ontario	103,789,054	112,940,735	143,218,806	151,389,717
Manitoba	9,315,394	12,178,334	13,326,896 ^r	14,162,444
Saskatchewan	14,662,983	16,221,617	18,944,253	19,924,190
Alberta	20,256,251	22,256,815	23,902,404	24,468,867
British Columbia	21,118,484	23,967,910	25,642,375	26,602,573
Yukon and Northwest Territories	256,942	332,392	268,821	265,568
Total receipts	264,407,817	295,039,674¹	340,662,557^r	358,410,899

TABLE 27. Revenues from Motor Vehicle Registrations and Gasoline Taxes, 1949-58

Year	From motor vehicle registrations	From gasoline taxes	Year	From motor vehicle registrations	From gasoline taxes
	dollars			dollars	
1949	58,205,854	137,834,316	1954	93,849,956	235,702,205
1950	67,185,528	155,146,585	1955	113,519,484	264,407,817
1951	73,707,694	178,505,307	1956	127,809,526	295,039,674
1952	81,119,360	196,885,566	1957	139,750,497	340,662,557 ^r
1953	87,788,069	219,876,095	1958	146,058,028	358,410,899

TABLE 28. Registrations of Motor Vehicles, by Provinces, 1955 - 58

Province	1955	1956	1957	1958
	number			
Newfoundland	39,766	45,768	47,655	51,575
Prince Edward Island	22,145	20,779	21,193	25,504
Nova Scotia	149,841	151,764	156,498	164,954
New Brunswick	106,648	110,963	116,350	121,715
Quebec	743,682	824,908	881,047	968,058
Ontario	1,617,853	1,710,240	1,793,499	1,868,922
Manitoba	222,474	233,848	244,342	256,064
Saskatchewan	274,950	291,053	300,094	314,423
Alberta	356,839	381,153	405,229	430,081
British Columbia	409,343	450,547	487,533	510,893
Yukon and Northwest Territories	5,111	5,451	6,155	7,285
Canada	3,948,652	4,226,474	4,459,595	4,719,474

TABLE 29. Registrations of Motor Vehicles, by Types, 1958

Province	Passenger cars	Motor trucks	Motor buses	Motor-cycles	Truck tractors	Other motor vehicles	Total
	number						
Newfoundland	37,014	13,251	162	280	5	863	51,575
Prince Edward Island	15,860	6,796	8	117	¹	2,723	25,504
Nova Scotia	119,569	35,730	745	1,003	¹	7,907	164,954
New Brunswick	91,428	23,907	494	893	¹	4,993	121,715
Quebec	734,403	182,831	4,854	12,893	¹	33,077	968,058
Ontario	1,492,039	361,891	4,844	10,148	¹	¹	1,868,922
Manitoba	190,964	61,411	201	1,499	¹	1,989	256,064
Saskatchewan	199,495	111,195	527	716	2,245	245	314,423
Alberta	294,910	129,604	3,293	2,274	¹	¹	430,081
British Columbia	393,337	109,164	¹	4,041	¹	4,351	510,893
Yukon and Northwest Territories	3,944	2,510	53	9	372	397	7,285
Canada	3,572,963	1,038,290	15,181	33,873	²	²	4,719,474

¹ Included with trucks.² Figures not complete.

TABLE 30. Petroleum Coke: Deliveries For Consumption, 1957 and 1958 (Used as fuel only - not as manufacturing materials)

Fuel for domestic and industrial heating	1957	1958
	tons	
Atlantic provinces	—	—
Quebec	—	—
Ontario	18,310	3,279
Manitoba	—	—
Saskatchewan	—	—
Alberta and Northwest Territories	—	—
British Columbia and Yukon	—	—
Totals	18,310	3,279

TABLE 31. Principal Statistics of the Lubricating Oils and Greases Industry, 1954 - 58

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products ¹
	number		dollars				
1954	13	294	1,007,140	121,431	7,630,956	5,186,097	12,696,501
1955	13	285	1,069,308	129,152	9,885,133	5,279,922	15,294,207
1956	13	295	1,131,515	132,692	10,470,114	6,325,947	16,767,832
1957	13	270	1,132,624	146,319	10,788,444	5,965,057	16,777,283
1958	15	280	1,183,922	123,673	11,305,690	7,512,903	17,662,168

¹ See note to text.

TABLE 32. Principal Statistics of the Lubricating Oils and Greases Industry, by Provinces, 1957 and 1958

Province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments
	number		dollars				
1957							
Quebec	3	65	257,975	41,115	3,460,339	2,365,701	5,638,417
Ontario	6	175	760,192	95,198	5,946,040	2,906,241	9,104,520
Manitoba	1	30	114,457	10,006	1,382,065	693,115	2,034,346
Saskatchewan.....	1						
Alberta	2						
Canada	13	270	1,132,624	146,319	10,788,444	5,965,057	16,777,283
1958							
Quebec	3	61	249,430	35,332	3,196,075	2,958,845	6,068,272
Ontario	8	188	808,017	77,788	6,421,184	4,128,793	9,542,237
Manitoba	1	31	126,475	10,553	1,688,431	425,265	2,051,659
Saskatchewan.....	1						
Alberta	2						
Canada	15	280	1,183,922	123,673	11,305,690	7,512,903	17,662,168

¹ See note to text.

TABLE 33. Products made in the Lubricating Oils and Greases Industry, 1957 and 1958

Product	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Greases, lubricating..... lb.	17,822,185	2,235,672	17,711,262	2,263,221
Oils, lubricating..... gal.	17,660,245	14,535,105	17,954,082	15,283,038
All other products.....	—	6,506	—	115,909
Totals	—	16,777,283	—	17,662,168

**TABLE 34. Deliveries of Petroleum Fuels for Consumption, Calendar Year 1958
as Reported by Refiners and Distributors**

No.		Atlantic Provinces	Quebec	Ontario
		barrels of 35 Imperial gallons		
	(a) Heavy (No.6), Medium (No.5,) and Naval (No.4) fuel oils:			
1	To railways in Canada	243,890	232,715	130,569
2	To ships for bunkering and to own tankers	1,772,526	2,943,357	1,046,070
3	To industrial accounts	2,965,428	9,789,326	7,427,730
4	For heating	387,662	3,405,438	1,597,695
5	To government accounts ¹	117,099	548,189	199,821
6	For all other purposes	—	103,445	294,754
7	Totals for Section (a)	5,486,605	17,022,470	10,696,639
	(b) Heavy (No.3) and Light (No.2):			
8	To railways in Canada	6,507	78,925	42,459
9	To ships for bunkering and to own tankers	—	14,835	37,466
10	To industrial accounts	303,594	1,022,023	1,795,627
11	For heating	3,461,359	12,221,922	22,617,375
12	To government accounts ¹	187,964	253,705	195,461
13	For all other purposes	1,372	234,525	803,174
14	Totals for Section (b)	3,960,796	13,825,935	25,491,562
	(c) Diesel fuel:			
15	To railways in Canada	937,221	1,735,695	2,761,690
16	To ships for bunkering and to own tankers	1,000,529	929,642	104,959
17	To industrial accounts	353,164	424,796	785,155
18	For Heating	9,199	78,897	403,348
19	For tractors and other motor vehicles, as fuel	212,180	784,473	564,112
20	To government accounts ¹	232,459	177,480	80,228
21	For all other purposes	20,216	217,172	588,282
22	Totals for Section (c)	2,764,968	4,348,155	5,287,774
	(d) Stove oil (No.1) Tractor fuel, Kerosene and Illuminating oils:			
23	To railways in Canada	9,919	30,870	17,677
24	To ships for bunkering and to own tankers	30	3,104	103
25	To industrial accounts	100,957	113,477	144,089
26	For heating	2,253,658	4,964,472	3,972,225
27	For tractors and other motor vehicles, as fuel	—	18,747	2,474
28	To government accounts ¹	37,051	59,825	23,250
29	For all other purposes	2,538	103,967	305,771
30	Totals for Section (d)	2,404,153	5,294,462	4,465,589
	(e) Combined totals of Sections (b), (c) and (d):			
31	To railways in Canada	953,647	1,845,490	2,821,826
32	To ships for bunkering and to own tankers	1,000,559	947,581	142,528
33	To industrial accounts	757,715	1,560,296	2,724,871
34	For heating	5,724,216	17,265,291	26,992,948
35	For tractors and other motor vehicles, as fuel	212,180	803,220	566,586
36	To government accounts ¹	457,474	491,010	298,939
37	For all other purposes	24,126	555,664	1,697,227
38	Total deliveries of all light liquid fuels, all uses	9,129,917	23,468,552	35,244,925
	(f) Combined totals of Section (a), (b), (c) and (d):			
39	To railways in Canada	1,197,537	2,078,205	2,952,395
40	To ships for bunkering and to own tankers	2,773,085	3,890,938	1,188,598
41	To industrial accounts	3,723,143	11,349,622	10,152,601
42	For heating	6,111,878	20,670,729	28,590,643
43	For tractors and other motor vehicles, as fuel	212,180	803,220	566,586
44	To government accounts ¹	574,573	1,039,199	498,760
45	For all other purposes	24,126	659,109	1,991,981
46	Total deliveries of all liquid fuels, all uses	14,616,522	40,491,022	45,941,564
	(g) Petroleum coke:			
47	For domestic and industrial heating	—	—	3,279
48	For industrial purposes, as material	—	311,123	146,668
49	Total deliveries of petroleum coke	—	311,123	149,947

¹ Federal and provincial only.

**TABLE 34. Deliveries of Petroleum Fuels for Consumption, Calendar Year, 1958
as Reported by Refiners and Distributors**

Manitoba	Saskatchewan	Alberta	British Columbia and Yukon	Canada	Percent of section total	No.
barrels of 35 Imperial gallons						
257,150	833,221	2,172,231	81,238	3,951,014	8.7	1
—	—	227,348	1,339,604	7,328,905	16.1	2
649,108	699,204	15,183	3,080,788	24,626,767	54.0	3
580,787	553,540	36,778	832,578	7,394,478	16.2	4
22,549	164,363	33,973	506,027	1,592,021	3.5	5
1,948	19,205	228,359	28,123	675,834	1.5	6
1,511,542	2,269,533	2,713,872	5,868,358	45,569,019	100.0	7
11,558	26,688	15,032	9,240	190,409	.4	8
—	—	2	1,178	53,481	.1	9
184,261	81,294	102,078	235,937	3,724,814	7.1	10
2,434,568	2,325,313	633,160	2,642,554	46,336,251	88.5	11
8,048	20,040	72,025	67,344	804,587	1.5	12
4,635	63,936	28,399	82,967	1,219,008	2.4	13
2,643,070	2,517,271	850,696	3,039,220	52,328,550	100.0	14
285,141	781,082	1,600,450	753,097	8,854,376	38.9	15
—	68	46,933	621,636	2,703,767	12.0	16
224,081	231,375	416,209	1,056,631	3,491,411	15.3	17
468,654	77,204	103,455	89,359	1,230,116	5.4	18
242,847	837,839	948,996	387,478	3,977,925	17.4	19
13,313	46,234	143,950	215,633	909,297	4.0	20
15,898	122,682	481,160	150,847	1,596,257	7.0	21
1,249,934	2,096,484	3,741,153	3,274,681	22,763,149	100.0	22
10,130	702	15,272	13,424	97,994	.6	23
—	—	2,001	801	6,039	.4	24
46,195	43,623	10,927	158,717	617,985	4.1	25
72,458	105,614	254,621	1,524,507	13,147,555	87.9	26
19,787	32,904	3,860	2,838	80,610	.5	27
1,056	577	8,838	28,508	159,105	1.0	28
26,989	217,589	138,266	46,009	841,129	5.5	29
176,615	401,009	433,785	1,774,804	14,950,417	100.0	30
306,829	808,472	1,630,754	775,761	9,142,779	10.1	31
—	68	48,936	623,615	2,763,287	3.0	32
454,537	356,292	529,214	1,451,285	7,834,210	8.8	33
2,975,680	2,508,131	991,236	4,256,420	60,713,922	67.4	34
262,634	870,743	952,856	390,316	4,058,535	4.5	35
22,417	66,851	224,813	311,485	1,872,989	2.1	36
47,522	404,207	647,825	279,823	3,656,394	4.1	37
4,069,619	5,014,764	5,025,634	8,088,705	90,042,116	100.0	38
563,979	1,641,693	3,802,985	856,999	13,093,793	9.7	39
—	68	276,284	1,963,219	10,092,192	7.4	40
1,103,645	1,055,496	544,397	4,532,073	32,460,977	23.9	41
3,556,467	3,061,671	1,028,014	5,088,998	68,108,400	50.2	42
262,634	870,743	952,856	390,316	4,058,535	3.0	43
44,966	231,214	258,786	817,512	3,465,010	2.6	44
49,470	423,412	876,184	307,946	4,332,228	3.2	45
5,581,161	7,284,297	7,739,506	13,957,063	135,611,135	100.0	46
—	—	—	—	3,279	.7	47
34	—	—	82,274	540,099	99.3	48
34	—	—	82,274	543,378	100.0	49

TABLE 35. Materials Used in the Lubricating Oils and Greases Industry, 1957 and 1958

Material	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Compounding stocks (oils, etc.) Imp. gal.	18,686,000	6,428,526	20,622,266	7,171,531
Tallow and grease lb.	1,555	255	..	-
All other materials .....	..	1,685,676	..	1,086,432
Shipping containers .....	..	2,673,987	..	3,047,727
Totals .....	...	10,788,444	...	11,305,690

TABLE 36. Sales of Lubricating Oils, 1957 and 1958 (As reported by principal dealers)

	Motor transport and tractor crankcase oils	Aircraft crankcase oils	Other oils (Industrial, etc.)	Total sales	
	barrels of 35 Imperial gallons				
1957					
Atlantic Provinces ¹	133,737	10,832	70,429	214,998	
Quebec	376,805	14,254	233,052	624,111	
Ontario	559,973	7,480	426,813	994,266	
Manitoba	105,035	15,338	38,276	158,649	
Saskatchewan	163,925	412	16,599	180,936	
Alberta ²	218,766	3,720	71,654	294,140	
British Columbia ³	185,502	6,267	79,390	271,159	
Canada	1,743,743	58,303	936,213	2,738,259	
	Motor transport and tractor crankcase oils	Aircraft crankcase oils	Other oils except auto gear oils	Auto gear oils including automotive transmission oils	Total sales
1958					
Atlantic Provinces ¹	132,404	11,902	73,639	8,488	226,433
Quebec	277,446	13,496	327,245	33,854	652,041
Ontario	590,402	8,493	499,067	59,900	1,157,862
Manitoba	116,830	6,297	33,943	9,414	166,484
Saskatchewan	166,657	912	22,403	13,342	203,314
Alberta ²	201,605	5,654	74,624	19,849	301,732
British Columbia ³	176,129	6,677	78,806	12,514	274,126
Canada	1,661,473	53,431	1,109,727	157,361	2,981,992

¹ Includes Newfoundland, Prince Edward Island, Nova Scotia and New Brunswick.² Includes Northwest Territories.³ Includes Yukon Territory.

TABLE 37. Sales of Lubricating Oils and Greases by Class of Trade, 1958

Product	Retail gasoline pump outlets	Other	Total sales
barrels of 35 Imperial gallons			
Lubricating oil:			
Atlantic Provinces ¹	87,180	130,765	217,945
Quebec	243,352	374,835	618,187
Ontario	333,000	764,962	1,097,962
Manitoba	51,535	105,535	157,070
Saskatchewan	76,636	113,336	189,972
Alberta ²	81,364	200,519	281,883
British Columbia ³	71,735	189,877	261,612
Canada	944,802	1,879,829	2,824,631
Grease:⁴			
Atlantic Provinces ¹	4,124	6,597	10,721
Quebec	14,243	22,375	36,618
Ontario	14,340	34,771	49,111
Manitoba	3,420	7,601	11,021
Saskatchewan	6,470	12,402	18,872
Alberta ²	5,306	14,335	19,641
British Columbia ³	3,565	9,784	13,349
Canada	51,468	107,865	159,333
Gear oil (including automatic transmission oils):			
Atlantic Provinces ¹	4,175	4,313	8,488
Quebec	16,999	16,855	33,854
Ontario	31,058	28,842	59,900
Manitoba	5,168	4,246	9,414
Saskatchewan	6,711	6,631	13,342
Alberta ²	7,779	12,070	19,849
British Columbia ³	4,535	7,979	12,514
Canada	76,425	80,936	157,361

¹ Includes Newfoundland, Prince Edward Island, Nova Scotia and New Brunswick.

² Includes North West Territories.

³ Includes Yukon Territory.

⁴ Includes greases at 10 pounds to a gallon.

TABLE 38. Employees and their Earnings in the Lubricating Oils and Greases Industry, 1957 and 1958

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Ontario	25	15	135	—	175	167,749	592,443	760,192
Other provinces	18	8	68	1	95	104,259	268,173	372,432
Canada	43	23	203	1	270	272,008	860,616	1,132,624
1958								
Ontario	47	17	124	—	188	287,641	520,376	808,017
Other provinces	14	9	68	1	92	104,595	271,310	375,905
Canada	61	26	192	1	280	392,236	791,686	1,183,922

TABLE 39. Production Workers in the Lubricating Oils and Greases Industry, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January	182	1	183	183	1	184
February	182	1	183	183	1	184
March	197	1	198	185	1	186
April	204	1	205	192	1	193
May	212	1	213	202	1	203
June	220	1	221	205	1	206
July	221	1	222	208	1	209
August	220	1	221	204	1	205
September	208	1	209	189	1	190
October	199	1	200	185	1	186
November	199	1	200	184	1	185
December	194	1	195	179	1	180
Average	203	1	204	192	1	193

TABLE 40. Fuel and Electricity Used in the Lubricating Oils and Greases Industry, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Anthracite coal	19	465	—	—
Gasoline (including gasoline used in cars and trucks)	13,058	5,136	17,332	6,861
Fuel oil	1,147,104	108,192	807,398	78,268
Manufactured gas	600	628	417 ¹	606 ¹
Electricity purchased	2,445,779	31,834	2,578,180	33,094
Other fuel	—	64	—	4,193
Steam purchased	—	—	..	651
Totals	—	146,319	—	123,673

¹ Natural gas in 1958.**TABLE 41. Principal Statistics of the Absorption Gasoline Industry, 1954-58**

Year	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments
	number		dollars				
1954	8	134	512,138	120,738	2,054,409	3,441,650	5,558,996
1955	8	174	791,114	150,650	2,670,049	4,379,679	7,200,378
1956	7	141	690,330	299,340	3,329,277	4,749,492	8,407,715
1957	10	270	1,408,882	424,412	5,246,689	5,890,529	11,344,465
1958	14	411	2,093,033	734,331	9,501,032	8,374,834	17,509,526

¹ See note to text.

TABLE 42. Products Made in the Absorption Gasoline Industry, 1957 and 1958

Product	1957		1958	
	Quantity	Selling value at works	Quantity	Value of shipments
		\$		\$
Dry gas ¹ M cu. ft.	40,988,937	3,454,401	101,851,474	7,619,430
Natural gasoline and condensate..... Imp. gal.	45,581,555	3,535,702	63,560,053	5,026,474
Liquefied petroleum gases (propane and butane)..... "	48,579,295	2,220,297	56,846,881	2,214,657
Sulphur..... ton	93,369	2,061,435	143,711	2,610,783
All other products.....	...	72,630	...	38,182
Totals.....	...	11,344,465	...	17,509,526

¹ Figures for this item should not be added to the production data shown for natural gas in the mineral production statistics for Canada. The latter compilation includes the wet gas transferred to absorption plants.

TABLE 43. Production of Natural Gasoline in Alberta, 1956-58

	1956	1957	1958
	barrels		
Production—by fields:			
Acheson.....	14,876	19,561	16,035
Bonnie Glen.....	143,286	147,015	108,439
Cessford.....	—	—	5,725
Fenn-Big Valley.....	418	—	—
Jumping Pound.....	57,817	67,620	76,379
Leduc-Woodbend.....	142,605	123,702	126,746
Morinville.....	9,851	20,281	34,895
Nevis.....	1,360	38,289	39,877
Pembina.....	—	—	60,098
Redwater.....	7,205	45,275	34,791
Turner Valley.....	536,154	506,419	475,100
Totals, Alberta.....	913,572	968,162	978,085

TABLE 44. Production¹ and Imports of Liquefied Petroleum Gases, 1954-58

Year	Production	Imports
	pounds	
1954.....	371,000,000	265,000,000
1955.....	527,000,000	222,000,000
1956.....	702,000,000	205,000,000
1957.....	795,000,000	217,000,000
1958.....	980,000,000	82,031,000

¹ From all industries.

TABLE 45. Employees and their Earnings in Absorption Gasoline Plants, 1957 and 1958

Total employees	1957	1958
	number	
Supervisory and office employees:		
Male	49	69
Female	3	7
Totals	52	76
Production workers:		
Male	218	334
Female	—	1
Totals	218	335
Total employees	270	411
Salaries	\$ 288,191	468,892
Wages	\$ 1,120,691	1,624,141
Total salaries and wages	\$ 1,408,882	2,093,033

TABLE 46. Production Workers in the Absorption Gasoline Industry, by Months, 1957 and 1958

Month	1957			1958		
	Male	Female	Total	Male	Female	Total
number						
January	213	—	213	320	—	320
February	222	—	222	322	—	322
March	223	—	223	317	—	317
April	221	—	221	321	—	321
May	227	—	227	327	—	327
June	220	—	220	330	—	330
July	221	—	221	324	—	324
August	219	—	219	326	—	326
September	217	—	217	340	—	340
October	217	—	217	365	—	365
November	215	—	215	367	—	367
December	217	—	217	370	1	371
Average	218	—	218	334	1	335

TABLE 47. Capital and Repair Expenditures by the Absorption Gasoline Plants, 1954-58

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
thousands of dollars							
1954	3,575	4,924	8,499	108	94	202	8,701
1955	2,550	304	2,854	186	132	318	3,172
1956	8,384	2,075	10,459	165	102	267	10,726
1957	34,511	34	34,545	551	125	676	35,221
1958 ^p	38,212	324	38,536	763	128	891	39,427

TABLE 48. Fuel and Electricity Used by the Absorption Gasoline Plants, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Gasoline (including gasoline used in cars and trucks) Imp. gal.	8,156	3,196	5,363	1,783
Liquefied petroleum gases "	1,016,690	92,710	3,715,179	168,353
Natural gas M cu. ft.	2,589,838	116,881	4,103,542	254,777
Electricity purchased kwh.	16,715,210	210,766	18,236,855	244,186
Other fuel	—	859	..	1,614
Steam purchased.....	—	—	..	67,618
Totals	—	424,412	—	734,331

TABLE 49. Imports of Petroleum, Asphalt, and their Products, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Asphaltum or asphalt, solid or not cwt.	856,625	1,534,675	520,366	891,136
Asphalt oil for paving gal.	448,377	52,526	548,927	84,660
Oil, imported by miners or mining companies, for the concentration of ores or metals "	240,390	361,563	181,414	267,249
Crude petroleum for refining, .8155 specific gravity (42.0 A.P.I.) or heavier at 60° F. M gal.	3,916,688	305,556,798	3,641,358	273,948,487
Crude petroleum, n.o.p. gal.	3,570	349	—	—
Petroleum tops; blends of petroleum tops or petroleum products with crude petroleum; all the foregoing .7249 specific gravity (63.7 A.P.I.) or heavier at 60° F. when imported by oil refiners to be refined..... "	—	—	63,695,869	4,591,936
Fuel oil, ex-warehoused, for ships' stores .. "	55,706	8,586	573,223	36,180
Aviation gasoline..... "	117,207,239	24,262,476	82,725,591	16,021,346
Kerosene, lighter than .8236 specific gravity at 60° F., n.o.p. "	16,107,707	2,097,643	10,375,317	1,215,256
Engine distillate, .8017 specific gravity or heavier at 60° F. "	30,673	4,257	21,566	2,927
Gasoline, lighter than .8236 specific gravity at 60° F. "	89,714,008	12,794,310	101,323,894	14,210,115
Natural casinghead, compression or absorption gasoline, lighter than .6690 specific gravity (80.0 A.P.I.) at 60° F., when imported by refiners of crude petroleum for blending with gasoline wholly produced in Canada..... "	1,733,153	123,430	3,750	297
Lubricating oils, composed wholly or in part of petroleum and costing less than 25 cents per gallon	18,659,662	4,015,123	19,098,037	3,988,206
Lubricating oils 25 cents and over	22,017,995	8,947,314	15,859,406	6,838,372
Oils, mineral, n.o.p. "	1,739,330	1,585,210	912,352	1,108,326
Stove oil, No. 1 fuel oil	140,122,167	16,080,016	154,401,947	16,856,871
Light fuel oils, Nos. 2 and 3	248,533,441	27,735,687	246,889,388	25,331,236
Heavy fuel oils, Nos. 4, 5 and 6	339,745,774	25,811,353	262,043,467	16,545,012
Diesel fuel	57,225,104	6,568,106	58,682,479	6,116,369
Tractor fuel	—	—	—	—
Petroleum greases and lubricating greases, n.o.p. lb.	17,606,651	2,042,565	15,590,765	1,944,073
Refined petroleum jellies and oils for toilet, medicinal, edible or similar purposes	—	766,654	—	752,709
Paraffin wax	43,129,388	2,831,821	44,193,117	2,833,063
Paraffin wax candles	337,753	104,586	429,636	138,023
Products of petroleum, n.o.p. gal.	18,758,782	5,214,535	22,411,607	4,270,474
Liquefied petroleum gases lb.	217,241,923	3,848,577	823,000,000	1,797,200
Naphtha including solvent naphtha	13,771,889	3,059,975	10,995,070	2,433,003

TABLE 50. Exports of Petroleum and its Products, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Petroleum, crude	gal. 1,948,598,000	140,974,837	1,108,780,000	73,043,757
Oil, coal and kerosene, refined	" 37,799,780	4,640,940	6,586,908	818,081
Gasoline and naphtha	" 42,146,318	5,522,723	5,874,251	787,619
Fuel oil	" 39,581,472	3,658,914	15,444,131	1,593,981
Lubricating oil	" 439,659	328,171	505,227	307,409
Oil, mineral, n.o.p.	" 2,590	1,403	6,646	3,053
Wax, mineral	cwt. 3,264	39,639	3,036	38,188

TABLE 51. Fuel and Electricity Used in the Petroleum Products Industry, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal	ton —	—	2	44
Anthracite coal	" 19	465	—	—
Coke	" 143,513	1,917,943	336,067	3,825,444
Gasoline (including gasoline used in cars and trucks) Imp. gal.	844,491	183,048	868,184	199,154
Kerosene	" 9,241	1,784	—	—
Fuel oil	" 250,097,587	20,846,967	261,693,586	19,344,346
Gas (a) Liquefied petroleum gases	" 5,676,005	518,166	14,152,210	947,485
(b) Other manufactured gas	M cu. ft. 35,332,750	19,556,866	42,372,777	18,202,439
(c) Natural gas	" 12,521,913	1,568,740	1,390,090	1,768,606
Other fuel .....	..	2,128,999	..	20,593
Electricity purchased	kwh. 818,182,910	5,675,446	823,792,057	6,307,196
Steam purchased	—	—	..	436,889
Totals .....	...	52,398,424	...	51,052,196

TABLE 52. Total Horsepower Rating of Power Equipment in Use or Available for Use in the Petroleum Products Industry at the End of 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
Prime movers:		
Steam engines	300	10,992
Steam turbines	4,077	144,072
Gasoline, gas and oil engines, other than diesel engines	5,318	24,056
Diesel engines	44	3,851
Totals	9,739	182,971
Electric motors (one-quarter horsepower and over)	—	282,569

Directory of Operating Petroleum Refineries, 1958

Name of Company	Location of refinery	Crude oil capacity	Type of refinery	Cracking plant	
				Type	Capacity
		bbl. per 24 hours			bbl. per 24 hours
Nova Scotia:					
Imperial Oil Limited	Imperoyal	45,000	S-C	Catalytic	15,000
New Brunswick:					
New Brunswick Oilfields Ltd.	Weldon	300	S	-	-
Quebec:					
British American Oil Co. Limited	Montreal East	45,000	S-C	Catalytic	19,800
Imperial Oil Limited	Montreal East	71,800	S-C	Thermal and Catalytic	22,000
McCull-Fontenac Oil Co. Limited	Montreal East	59,000	S-C	Thermal and Catalytic	44,900
Shell Oil Company of Canada Ltd.	Montreal East	60,000	S-C	Thermal and Catalytic	29,500
Canadian Petrofina Ltd.	Montreal East	30,000	S-C	Thermal and Catalytic	17,000
Ontario:					
British American Oil Co. Limited	Clarkson	55,350	S-C	Catalytic	10,440
Canadian Oil Companies Limited	Corunna	30,000	C	Catalytic	11,000
Husky Oil & Refining Ltd. (Riverlake Oils Division)	Fort William	3,500	S	-	-
Imperial Oil Limited	Sarnia	80,000	S-C	Thermal and Catalytic	21,000
Regent Refining (Canada) Limited	Port Credit	24,000	S-C	Thermal	10,000
Sun Oil Company Limited	Sarnia	15,000	S-C	Catalytic	14,000
Manitoba:					
Anglo-Canadian Oils Ltd.	Brandon	3,200	S	Thermal	1,375
Imperial Oil Limited	East St. Paul	18,000	S-C	Catalytic	6,000
North Star Oil Limited	St. Boniface	12,000	S-C	Thermal and Catalytic	5,177
Saskatchewan:					
British American Oil Co. Limited	Moose Jaw	13,500	S-C	Thermal and Catalytic	5,400
Consumers' Co-operative Refineries Limited	Regina	16,000	S-C	Thermal and Catalytic	4,500
Imperial Oil Limited	Regina	22,500	S-C	Thermal and Catalytic	13,700
Husky Oil & Refining Ltd.	Moose Jaw	3,000	S	-	-
Northern Petroleum Corporation Ltd.	Kamsack	1,000	S	-	-
Prince Albert Refineries Ltd.	Prince Albert	1,000	S	-	-
Royalite Products Limited	Coleville	5,000	S	-	-
Royalite Hi-Way Ltd.	Saskatoon	6,500	S-C	Catalytic	2,600
Petroleum Fuels Ltd.	Moose Jaw	1,100	S	-	-
Alberta:					
British American Oil Co. Limited	Edmonton	7,650	S-C	Thermal and Catalytic	3,060
British American Oil Co. Limited	Calgary	6,750	S-C	Thermal	2,250
Anglo American Exploration Ltd.	Hartell	1,500	S-C	Thermal	1,500
Imperial Oil Limited	Calgary	6,750	S-C	Thermal	4,600
Imperial Oil Limited	Edmonton	28,500	S-C	Thermal and Catalytic	17,100
McCull-Fontenac Oil Co. Limited	Edmonton	11,600	S-C	Thermal and Catalytic	4,500
Canadian Kodiak Refineries Ltd.	Lloydminster	3,500	S-C	-	-
Husky Oil & Refining Ltd.	Lloydminster	7,800	S	-	-
Wainwright Producers & Refiners Ltd.	Wainwright	4,000	S-C	-	-
North Star Oil Ltd.	Grand Prairies ..	2,500	C	Thermal	2,500
British Columbia:					
British American Oil Co., Limited	Port Moody	18,000	S-C	Catalytic	8,100
Imperial Oil Limited	Ioco	32,500	S-C	Catalytic	8,100
Royalite Products Ltd.	Kamloops	5,000	S-C	Catalytic	1,400
Shell Oil Company of Canada Ltd.	Vancouver	21,000	S-C	Thermal and Catalytic	9,000
Standard Oil Company of British Columbia Ltd.	Burnaby	18,000	C	Catalytic	9,000
Phillips Petroleum Co.	Dawson Creek	2,500	C	Thermal	1,000
Pacific Petroleum Ltd. and Phillips Petroleum Company	Taylor Flats .....	..		
Northwest Territories:					
Imperial Oil Limited	Norman Wells	1,350	S	-	-

Note: S—Skimming. C—Cracking.



Directory of Plants Engaged in the Compounding of Lubricating Oils and Greases, 1958

Name of company	Location of plant
Quebec:	
Canadian Oil Companies Ltd.	6010 Notre Dame East, Montreal
Chapman, L.L. and W.H.	Champlain St., Gatineau Point
Tide Water Oil Company (Canada) Ltd.	9500 St. Lawrence Blvd, Montreal
Ontario:	
Campbell Lubricating Specialties, Ltd.	414 Eastern Ave., Toronto
The Kearns Co. of Canada	226 Weston Road, Toronto
McCull-Fontenac Oil Co. Ltd.	Toronto
Ontario Lubricating Company Ltd.	120 Chatham St., Hamilton
Tide Water Oil Company (Canada) Ltd.	55 Wade Ave., Toronto
Wynn Oil Co. of Canada, Ltd.	23 Rachine Road, Rexdale
Manitoba:	
Tide Water Associated Oil Company (Canada) Ltd.	St. James
Saskatchewan:	
Western Oil Company Limited, The	612 Main St. N., Moose Jaw
Alberta:	
Jet-Lube of Canada	Edmonton
McCull-Fontenac Oil Co., Ltd.	Edmonton

List of Absorption Gasoline Plants, 1958

Name of company	Location of plant
British American Oil Company, Limited	Turner Valley, Pincher Creek and Nevis, Alberta
Anglo American Exploration Ltd.	Hartell, Alberta
Imperial Oil Limited	Devon, Alberta, Redwater, Alberta
Jefferson Lake Petrochemicals of Canada Ltd.	Taylor, Peace River North, B.C.
Phillips Petroleum Co. Ltd.	Dawson Creek, B.C.
Progas Limited	Winterburn, Alberta
Royalite Oil Company, Limited	Turner Valley, Alberta
Shell Oil Company of Canada, Limited	Jumping Pound, Alberta
Smiley Gas Conservation Plant	Smiley, Sask.
Steelman Gas Limited	Regina, Sask.
Texaco Exploration Company	Pigeon Lake Area, Alberta