

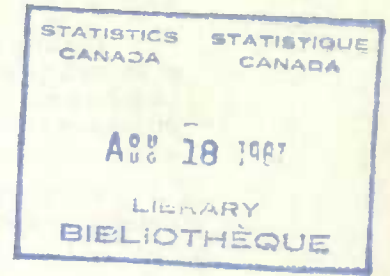
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CANADA



THE PETROLEUM PRODUCTS INDUSTRY

1954



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NOTICE

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

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada, (7 sections, as follows):
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textile Mills
- VIII—Knitting Mills
- IX—Clothing
- X—Wood and Paper Products
- XI—Printing Trades
- XII—Iron and Steel Products
- XIII—Transportation Equipment
- XIV—Non-ferrous Metal Products
- XV—Electrical Apparatus and Supplies
- XVI—Non-metallic Mineral Products
- XVII—Products of Petroleum and Coal
- XVIII—Chemicals and Allied Products
- XIX—Miscellaneous Manufactures

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

- A—General Review, 25¢
- B—The Coke and Gas Industry, 25¢
- C—The Petroleum Products Industry, 25¢
- D—The Miscellaneous Products of the Petroleum and Coal Industry, 25¢

THE PETROLEUM PRODUCTS INDUSTRY

1954

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. and (b) the blending or compounding of lubricating oils and greases. In 1952 another industry, comprising at that time 5 absorption gasoline plants which recover the naphtha content of natural gas, was added to this group.

Forty refineries, 13 blending plants and 8 absorption gasoline plants, or a total of 61 works, reported under this category in 1954 and the aggregate value of production was \$909,252,514, an increase of 30.8 per cent over the 1953 total of

\$694,988,605. It should be noted however, that the 1954 figure is not exactly comparable with previous years due to a change in procedure used in reporting value of products by the petroleum refining industry—see footnote to Table 7.

Output figures for 1954 included \$890,997,017 for petroleum refineries, \$12,696,501 for concerns engaged in blending oils and greases and \$5,558,996 for absorption plants, against corresponding totals in 1953 of \$679,960,932, \$10,391,128 and \$4,636,545, 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 succeeding pages of this report.

(a) The Petroleum Refining Industry, 1954

The 40 petroleum refineries which operated in Canada during 1954 were distributed by provinces as follows: 4 in Quebec, 6 in Ontario, 4 in Manitoba, 9 in Saskatchewan, 10 in Alberta, 4 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 561,450 barrels of crude oil per day, of which Quebec had 180,000 barrels or 32.1 per cent; Ontario, 146,000 barrels or 26.0 per cent; Alberta, 72,900 barrels or 13.0 per cent; Saskatchewan, 66,000 barrels or 11.8 per cent; British Columbia, 56,500 barrels or 10.1 per cent; Manitoba, 20,500 barrels or 3.7 per cent; Nova Scotia, 18,000 barrels or 3.2 per cent; the Northwest Territories, 1,250 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 2,722,901,936 gallons of imported crude oil and 3,263,312,419 gallons of crude oil and absorption gasoline from Canadian wells, or a total of 5,986,214,355 gallons, was put through Canadian refineries, this amounting to about 84 per cent of the rated year-end capacity. Of the total crude input about 5.1 per cent was imported from the United States and nearly 40.4 per cent from other countries while about 54.5 per cent came from Canadian wells. The total cost at refineries of all crude oil and naphtha charged to stills during the year was \$531,219,910. Stocks of crude oil held at the refineries on December 31st amounted to 254,147,928 gallons.

Refinery production of gasoline amounted to 2,416,031,141 gallons, and, in addition, the refineries used for blending about 19,695,661 gallons of imported casinghead gasoline which is not included in the Canadian production figures. The gallonage made in 1954 was 7.3 per cent over 1953 which, in turn, was 10 per cent over 1952. The refinery selling

value of the gasoline made during the year was \$444,892,139. Stocks of gasoline held by the refineries on December 31st, included 246,656,217 gallons of motor or aviation gasoline and 735,840 gallons of imported casinghead gasoline. In 1954 there was an output of 22,623,000 gallons of natural gasoline from absorption plants in Alberta. This was practically all sold to refineries and is included with the gallonage charged to stills, and the refined gasoline made therefrom is included in the refinery output figures.

Imports of gasoline, including casinghead, amounted to 216,579,552 gallons during 1954, while exports, including re-exports, totalled 15,854,731 gallons. Sales as reported to the Bureau amounted to 2,698,001,000 gallons, this figure being compiled from returns made to provincial governments in connection with tax payments.

Production of fuel and gas oils (excluding any made and used for cracking processes) totalled 2,934,344,232 gallons, of which 2,729,945,115 gallons were made for sale and 204,399,117 gallons for use as fuel in the producing plants. Imports amounted to 849,323,493 gallons and exports, including re-exports, totalled 1,905,002 gallons. Producers' stocks of all fuel oils increased by 94,100,040 gallons to 678,120,526 gallons at the end of the year. Consumption of fuel oils and distillate in Canada, excluding consumption under refinery boilers, as reported by distributors and refiners, amounted to 3,389,660,820 gallons in 1954.

Employment in the refining industry totalled 12,048 persons who received \$50,796,930 in salaries and wages. Expenditures for fuel and electricity amounted to \$30,973,211 and \$558,856,312 were paid out for crude oil and other processing materials.

(b) Manufacture of Lubricating Oils and Greases, (other than in Refineries), 1954

Thirteen factories were occupied chiefly in compounding lubricating oils and greases in Canada during 1954. Seven of these plants were located in Ontario, 4 in Quebec, 1 in Manitoba and 1 in Saskatchewan. They gave work to a total of 294 people who were paid \$1,007,140 as salaries and wages. Purchases of processing materials and containers cost \$7,630,956. Included in the year's output were lubricating oils at \$10,910,496, lubricating greases at \$1,432,243 and soaps or soap powders at \$9,319.

Total Canadian output of lubricating oils, including production from the refineries, amounted to 68,563,701 gallons in 1954 against 69,120,056 gallons in 1953. Corresponding figures for lubricating greases totalled 37,330,229 pounds in 1954 and 48,477,566 pounds in 1953. Sales of lubricating oils, as reported by principal dealers, amounted to 80,430,000 gallons in 1954, while sales of lubricating greases totalled 78,952,000 pounds.

(c) Absorption Gasoline Plants, 1954

Eight plants, all in Alberta, operated in this group in 1954. Value of shipments amounted to \$5,558,996. Output included 22,342,569 M cubic feet of dry gas valued at \$1,912,526, 22,623,229 gallons of natural gasoline at \$1,976,452, 24,513,495 gallons of liquefied petroleum gases at \$1,295,709 and 18,558 tons of sulphur at \$350,044. Employees numbered 134 persons who received \$512,138 in salaries and wages. Expenditures for fuel and

electricity amounted to \$120,738 and the raw gas and other materials used in processing cost \$2,054,409.

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.

TABLE 1. Principal Statistics of the Petroleum Products Industry, Significant Years 1929-1954, and by Provinces, 1953 and 1954

Year and province	Estab- lish- ments	Employees No.	Earnings \$	Cost of fuel and electri- city at plant \$	Cost of materials at plant \$	Value added by manufacture ¹ \$	Gross selling value of products ¹ \$
	No.						
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
1950	46	10,056	30,557,596	19,788,893	384,356,381	107,371,118	511,516,392
1951	50	10,611	37,078,626	24,570,855	438,467,139	135,902,522	598,940,516
1952	55	11,661	46,145,422	27,878,314	453,954,688	178,523,582	660,356,584
1953							
Quebec	8	2,636	10,905,932	9,862,150	185,182,964	62,906,739	257,951,853
Ontario	12	5,071	20,933,480	9,690,394	140,282,154	43,622,002	193,594,550
Manitoba	4	400	1,570,469	934,425	19,692,425	4,611,062	25,237,912
Saskatchewan	9	1,003	3,890,557	2,053,064	45,754,470	14,969,468	62,777,002
Alberta	15	1,412	5,694,916	3,100,786	60,186,566	26,453,659	89,741,011
British Columbia	4	795	3,358,977	1,349,828	34,624,372	4,588,262	40,562,462
Nova Scotia	1	541	2,220,441	1,180,647	21,491,089	2,452,079	25,123,815
New Brunswick	1						
Northwest Territories	1						
Canada	55	11,858	48,574,772	28,171,294	507,214,040	159,603,271	694,988,605
1954							
Quebec	8	2,556	11,074,040	10,112,214	195,367,737	105,711,083	311,092,959
Ontario	13	5,209	22,113,345	10,775,778	167,497,368	97,876,363	275,999,765
Manitoba	5	475	1,760,850	1,162,671	23,253,759	10,244,693	34,658,726
Saskatchewan	10	1,109	4,428,876	2,648,075	51,363,017	22,474,973	76,494,298
Alberta	18	1,570	6,353,264	2,903,036	60,452,657	38,409,189	101,707,081
British Columbia	4	1,004	4,257,877	2,289,946	53,471,354	25,786,326	81,547,626
Nova Scotia	1	553	2,327,956	1,323,660	17,135,785	9,292,614	27,752,059
New Brunswick	1						
Northwest Territories	1						
Canada	61	12,476	52,316,208	31,215,380	568,541,677	309,795,241	909,252,514

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.

1. See footnote to Table 7.

TABLE 2. Principal Statistics of the Petroleum Products Industry, by Sub-groups, 1953 and 1954

Group	Estab- lish- ments	Em- ployees	Earnings	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
	No.	No.	\$	\$	\$	\$	\$
1953							
Petroleum refining	37	11,476	47,211,679	27,997,811	498,075,546	153,887,575	679,960,932
Lubricating oils and greases	13	286	988,784	57,529	7,215,941	3,117,658	10,391,128
Absorption gasoline	5	96	374,309	115,954	1,922,553	2,598,038	4,638,545
Total	55	11,858	48,574,772	28,171,294	507,214,040	159,603,271	694,988,605
1954							
Petroleum refining	40	12,048	50,796,930	30,973,211	558,856,312	301,167,494	890,997,017
Lubricating oils and greases	13	294	1,007,140	121,431	7,630,956	5,186,097	12,696,501
Absorption gasoline	8	134	512,138	120,738	2,054,409	3,441,650	5,558,996
Total	61	12,476	52,316,208	31,215,380	568,541,677	309,795,241	909,252,514

1. See footnote to Table 7.

TABLE 3. Inventories¹, 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
(a) By sub-groups				
Opening:				
Petroleum refining	29,338,445	14,217,265	72,714,713	116,270,423
Lubricating oils and greases	1,570,747	47,075	469,868	2,087,690
Absorption gasoline	460	—	130,939	131,399
Canada	30,909,652	14,264,340	73,315,520	118,489,512
Closing:				
Petroleum refining	31,636,418	17,046,953	80,191,524	128,874,895
Lubricating oils and greases	1,541,297	82,976	711,851	2,336,124
Absorption gasoline	9,561	—	188,740	198,301
Canada	33,187,276	17,129,929	81,092,115	131,409,320
(b) By provinces				
Opening:				
Quebec	8,540,882	3,368,051	26,209,537	38,118,470
Ontario	14,454,081	6,745,143	19,295,138	40,494,362
Manitoba	1,712,702	299,903	2,658,858	4,671,463
Saskatchewan	1,517,684	467,012	6,120,426	8,105,122
Alberta	2,132,063	1,634,227	9,546,899	13,313,189
British Columbia	1,367,497	1,090,364	5,482,777	7,940,638
Other provinces	1,184,743	659,640	4,001,885	5,846,268
Canada	30,909,652	14,264,340	73,315,520	118,489,512
Closing:				
Quebec	8,724,808	4,410,288	24,414,025	37,549,121
Ontario	14,341,860	9,536,893	24,557,306	48,436,059
Manitoba	1,813,435	90,868	3,247,920	5,152,223
Saskatchewan	1,148,860	721,784	9,387,993	11,258,637
Alberta	1,488,818	1,392,249	9,087,038	11,968,105
British Columbia	4,588,233	654,883	6,864,706	12,107,822
Other provinces	1,081,262	322,964	3,533,127	4,937,353
Canada	33,187,276	17,129,929	81,092,115	131,409,320

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.

TABLE 4. Principal Statistics of the Petroleum Products Industry, Classified According to Type of Ownership, 1953 and 1954

Type	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$
1953						
Individual ownership	2	6	12,948	718	19,736	48,877
Partnerships	1					
Incorporated companies	50	11,852	48,561,824	28,170,576	507,194,304	694,939,728
Co-operatives	2					
Total	55	11,858	48,574,772	28,171,294	507,214,040	694,988,605
1954						
Individual ownership	2	12,476	52,316,208	31,215,380	568,541,677	909,252,514
Co-operatives	2					
Incorporated companies	57	12,476	52,316,208	31,215,380	568,541,677	909,252,514
Total	61					

1. See footnote to Table 7.

TABLE 5. Principal Statistics of the Petroleum Products Industry, Grouped According to Size of Establishment, 1953 and 1954

Establishments reporting a value of products	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$
1953						
Under \$25,000	5	22	48,052	14,029	49,959	123,366
\$25,000 to \$49,999	1					
\$50,000 to \$99,999	3	109	363,971	53,753	1,001,666	1,912,856
\$100,000 to \$199,999	2					
\$200,000 to \$499,999	5	137	512,496	200,356	2,295,990	3,538,510
\$500,000 to \$999,999	5					
\$1,000,000 to \$4,999,999	10	516	1,796,021	361,797	13,976,883	20,871,623
\$5,000,000 and over	24	9,150	37,470,713	27,537,400	489,762,759	668,306,828
Head offices	—	1,902	8,288,454	—	—	—
Total	55	11,858	48,574,772	28,171,294	507,214,040	694,988,605
1954						
Under \$25,000	3	8	18,163	5,397	16,932	41,864
\$25,000 to \$49,999	5	35	78,091	7,630	59,881	181,200
\$50,000 to \$99,999	4	24	80,874	35,687	110,526	258,266
\$100,000 to \$199,999	1	90	319,185	23,050	908,979	1,778,082
\$200,000 to \$499,999	5					
\$500,000 to \$999,999	4	75	248,005	65,157	2,103,039	2,786,356
\$1,000,000 to \$4,999,999	13	577	2,044,542	725,179	16,363,613	25,258,363
\$5,000,000 and over	26	9,606	40,741,998	30,353,280	548,978,707	878,948,383
Head offices	—	2,061	8,785,350	—	—	—
Total	61	12,476	52,316,208	31,215,380	568,541,677	909,252,514

1. See footnote to Table 7.

TABLE 6. Number and Total Capacity of Petroleum Refineries in Operation December 31, 1951-1954

Province	1951		1952		1953		1954	
	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	22,000	1	22,100	1	18,000	1	18,000
New Brunswick.....	1	300	1	300	1	300	1	300
Quebec.....	4	160,000	4	165,000	4	180,000	4	180,000
Ontario.....	4	79,400	4 ¹	100,800	5	119,500	6	146,000
Manitoba.....	4	20,500	4	20,500	4	20,500	4	20,500
Saskatchewan.....	8	38,400	7	47,400	8	53,800	9	66,000
Alberta.....	10	60,550	9	61,300	10	70,100	10	72,900
British Columbia.....	3	28,850	3	29,850	3	45,850	4	56,500
Northwest Territories.....	1	1,250	1	1,250	1	1,250	1	1,250
Canada.....	36	411,250	34¹	448,400	37	509,300	40	561,450

Note: 1 Barrel = 35 Imperial gallons.

1. This figure does not include 1 refinery which discontinued operations in the spring of 1952.

TABLE 7. Principal Statistics of the Petroleum Refining Industry, 1950-1954

Year	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1950.....	32	9,728	29,708,085	19,759,979	377,866,861	105,894,257	503,521,097
1951.....	36	10,280	36,105,853	24,522,328	430,303,236	133,027,435	587,852,999
1952.....	35	11,228	44,699,608	27,666,652	442,917,146	172,567,307	643,151,105
1953.....	37	11,476	47,211,679	27,997,811	498,075,546	153,887,575	679,960,932
1954.....	40	12,048	50,796,930	30,973,211	558,856,312	301,167,494	890,997,017

1. The apparent advance shown in gross selling value of products at works in 1954 over 1953 by the Petroleum Refining Industry was due, in part, to an actual gain in physical volume of output but the major factor contributing to this increase was a change in accounting procedure used by some firms in calculating the value of products made. Prior to 1954 several different methods were used in arriving at a selling value of products at works; however, in 1954 all firms reported on a uniform basis, namely, "tank wagon prices, f.o.b. refinery" for all products except heavy fuel oil for which pipeline price was used. The net result of this change in reporting procedure was to exaggerate the gain in gross selling value of products in 1954 over 1953 beyond that which would have been normal had the old basis been in effect. It is estimated that the 1954 gross selling value at works for this industry, using the old basis, would have been about \$752 millions instead of the \$891 millions indicated above. On the other hand, the 1953 total, using the new basis, would have been \$807 millions instead of \$680 millions actually reported. Naturally, these changes have affected the figure for "value added by manufacture". The latter varies directly with the gross selling value of products; accordingly, any change in method for deriving the gross value of products is directly reflected in the "value added by manufacture", as indicated in the above table.

TABLE 8. Principal Statistics of the Petroleum Refining Industry by Provinces, 1953 and 1954

Province	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ²	Gross selling value of products ²
	No.	No.	\$	\$	\$	\$	\$
1953							
Quebec.....	4	2,575	10,714,336	9,837,778	183,363,840	61,263,169	254,464,787
Ontario.....	5	4,854	20,158,839	9,662,537	135,041,051	42,200,061	186,903,649
Manitoba.....	4	400	1,570,469	934,425	19,692,425	4,611,062	25,237,912
Saskatchewan.....	8	996	3,869,832	2,047,764	45,601,825	14,920,513	62,570,102
Alberta.....	10	1,316	5,320,607	2,984,832	58,264,013	23,855,621	85,104,466
British Columbia.....	3	794	3,357,155	1,349,828	34,621,303	4,585,070	40,556,201
Other provinces ¹	3	541	2,220,441	1,180,647	21,491,089	2,452,079	25,123,815
Canada.....	37	11,476	47,211,679	27,997,811	498,075,546	153,887,575	679,960,932

TABLE 8. Principal Statistics of the Petroleum Refining Industry by Provinces, 1953 and 1954 - Concluded

Province	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ²	Gross selling value of products ²
	No.	No.	\$	\$	\$	\$	\$
1954							
Quebec	4	2,495	10,898,204	10,081,612	193,853,929	104,322,720	308,258,261
Ontario	6	5,018	21,416,178	10,698,009	162,538,821	94,847,160	268,083,990
Manitoba	4	445	1,663,102	1,154,461	22,140,583	9,555,236	32,850,280
Saskatchewan	9	1,097	4,392,487	2,643,225	51,317,592	22,395,899	76,356,716
Alberta	10	1,436	5,841,126	2,782,298	58,398,248	34,967,539	96,148,085
British Columbia	4	1,004	4,257,877	2,289,946	53,471,354	25,786,326	81,547,626
Other provinces ¹	3	553	2,327,956	1,323,660	17,135,785	9,292,614	27,752,059
Canada	40	12,048	50,796,930	30,973,211	558,856,312	301,167,494	890,997,017

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

2. See footnote to Table 7.

TABLE 9. Products Made in Petroleum Refineries, 1953 and 1954

Product	Unit of measure	1953		1954	
		Quantity	Gross selling value at works	Quantity	Gross selling value at works
			\$		\$
Made for sale:					
Gasoline (excluding imported casing-head-blended):					
Aviation gasoline	Imp. gal.	21,061,321	5,740,407	17,282,637	5,534,652
Motor gasoline	"	2,230,393,120	348,122,753	2,397,598,690	439,105,903
Naphtha specialties	"	30,511,242	5,873,655	28,684,651	6,186,053
Tractor fuel	"	10,682,000	1,596,779	5,607,515	831,150
Aviation turbine fuel	"	40,226,081	6,291,910	57,285,089	9,227,486
Kerosene	"	15,096,608	2,521,543	14,995,947	2,594,689
Stove oil (No. 1 fuel oil)	"	287,759,232	40,296,754	328,441,602	56,077,925
Diesel fuel	"	380,091,987	39,362,972	430,170,300	59,887,171
Light fuel oils (Nos. 2 and 3):					
Furnace fuel oil	"	582,105,846	72,976,766	780,279,245	117,363,123
Other light fuel oil	"	65,416,773	6,759,347	56,025,389	7,176,870
Heavy fuel oils (Nos. 4, 5 and 6)	"	1,017,137,918	64,546,612	1,057,140,028	79,205,792
Lubricating oil	"	57,075,800	22,454,696	55,339,501	36,786,398
Lubricating grease	pound	34,381,316	2,761,681	25,596,871	2,598,317
Asphalt	Imp. gal.	195,290,243	23,961,117	204,189,368	24,024,447
Petroleum coke	ton	146,794	1,248,755	156,509	1,480,213
Liquefied petroleum gases	Imp. gal.	27,424,278	2,907,125	51,999,528	5,976,018
Other products ¹	-	-	7,834,074	-	9,151,470
Total - made for sale	-	-	655,256,946	-	863,207,677
Made for own use:					
Gasoline	Imp. gal.	980,368	203,635	1,149,814	251,584
Naphtha specialties	"	75,491	14,887	108,049	22,718
Kerosene	"	9,852	1,719	7,237	1,195
Stove oil (No. 1 fuel oil)	"	27,234	4,239	54,702	8,037
Diesel fuel	"	216,476	16,115	231,966	35,807
Light fuel oils (Nos. 2 and 3)	"	274,750	34,181	819,953	99,893
Heavy fuel oils (Nos. 4, 5 and 6)	"	183,206,231	12,186,910	203,285,259	15,528,699
Lubricating oil	"	49,869	18,302	48,100	38,961
Asphalt	"	255,671	33,440	400,814	48,103
Petroleum coke	ton	91,869	686,331	80,378	659,009
Still gas	M cu. ft.	20,552,525	10,585,933	19,803,708	9,732,121
Other products	-	-	918,294	-	1,363,213
Total - made for own use	-	-	24,703,986	-	27,789,340
Grand total	-	-	679,960,932	-	890,997,017

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.

TABLE 10. Materials Used in Petroleum Refineries, 1953 and 1954

Material	Unit of measure	1953		1954	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Crude oil in its natural state, from Canadian wells	Imp. gal.	2,491,465,622	212,589,641	3,244,511,863	288,103,577
Absorption gasoline, etc., from Canadian wells (run to stills)	Imp. gal.	16,462,153	1,439,297	18,800,556	1,727,579
Crude oil, in its natural state, imported, (run to stills):					
From United States	Imp. gal.	521,062,558	48,767,474	302,142,090	29,327,377
From South America	"	2,004,865,108	174,122,354	2,057,208,286	180,000,181
From other countries	"	337,078,280	29,472,559	345,864,205	30,219,564
Crude oil, not in its natural state (run to stills)	"	33,588,543	3,307,265	17,687,355	1,841,632
Blending stocks for gasoline:					
Benzol	Imp. gal.	916,755	435,467	923,298	448,404
Alkylate and cumene	"	4,282,191	1,176,053	12,594,988	2,705,232
Phenol	pound	957,938	192,302	598,709	114,958
Sulphuric acid, 100%	"	14,714,718	267,945	10,885,073	207,808
Ammonia, anhydrous	"	328,167	68,244	387,443	78,433
Sulphur	pound	378,867	16,351	571,744	26,049
Caustic soda	"	13,722,020	487,265	16,669,107	604,851
Soda ash	"	1,541,215	54,568	1,662,287	57,393
Litharge	"	306,804	51,432	534,303	91,753
Fuller's earth, bentonite and other clays	"	21,832,000	681,264	13,962,000	500,476
Tetraethyl fluid	c.c.	6,045,629,077	10,764,652	6,772,322,745	11,680,610
Dyes for gasoline	-	-	75,140	-	81,068
Inhibitor	-	-	336,496	-	344,814
Other materials	-	-	11,312,938	-	10,694,553
Shipping containers	-	-	2,456,839	-	-
Total	-	-	498,075,546	-	558,856,312

TABLE 11. Employees and Their Earnings in Petroleum Refineries, 1953 and 1954

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1953								
Quebec	548	83	1,935	9	2,575	2,945,560	7,768,776	10,714,336
Ontario	1,592	630	2,601	31	4,854	9,798,168	10,360,671	20,158,839
Manitoba	90	91	219	-	400	669,913	900,556	1,570,469
Saskatchewan	249	78	668	1	996	1,299,943	2,569,889	3,869,832
Alberta	298	79	936	3	1,316	1,775,373	3,545,234	5,320,607
British Columbia	275	47	472	-	794	1,434,116	1,923,039	3,357,155
Other provinces	81	22	427	11	541	489,997	1,730,444	2,220,441
Canada	3,133	1,030	7,258	55	11,476	18,413,070	28,798,609	47,211,679
1954								
Quebec	538	81	1,868	8	2,495	3,061,246	7,836,958	10,898,204
Ontario	1,659	665	2,664	30	5,018	10,396,194	11,019,984	21,416,178
Manitoba	120	107	218	-	445	709,975	953,127	1,663,102
Saskatchewan	282	84	730	1	1,097	1,533,615	2,858,872	4,392,487
Alberta	362	111	961	2	1,436	2,124,052	3,717,074	5,841,126
British Columbia	333	67	604	-	1,004	1,761,956	2,495,921	4,257,877
Other provinces	86	20	436	11	553	509,575	1,818,381	2,327,956
Canada	3,380	1,135	7,481	52	12,048	20,096,613	30,700,317	50,796,930

TABLE 12. Production Workers in Petroleum Refineries, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
	Number					
January	6,986	49	7,035	7,268	45	7,313
February	6,964	52	7,016	7,304	46	7,350
March	7,039	57	7,096	7,284	49	7,333
April	7,164	60	7,224	7,365	52	7,417
May	7,409	57	7,466	7,619	53	7,672
June	7,471	52	7,523	7,725	54	7,779
July	7,512	55	7,567	7,790	53	7,843
August	7,503	58	7,561	7,743	58	7,801
September	7,362	57	7,419	7,516	55	7,571
October	7,274	51	7,325	7,387	51	7,438
November	7,228	49	7,277	7,413	50	7,463
December	7,212	51	7,263	7,399	46	7,445
Average	7,258	55	7,313	7,481	52	7,533

TABLE 13. Capital and Repair Expenditures in the Petroleum Refining and Lubricating Oils Industry, 1950-1954

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1950	9,655	14,510	24,165	3,303	7,136	10,439	34,604
1951	19,849	30,255	50,104	7,474	5,585	13,059	63,163
1952	32,093	28,385	60,478	9,627	6,261	15,888	76,366
1953	56,950	9,267	66,217	10,529	8,186	18,715	84,932
1954 ¹	70,052	11,660	81,712	12,994	7,930	20,924	102,636

1. Preliminary.

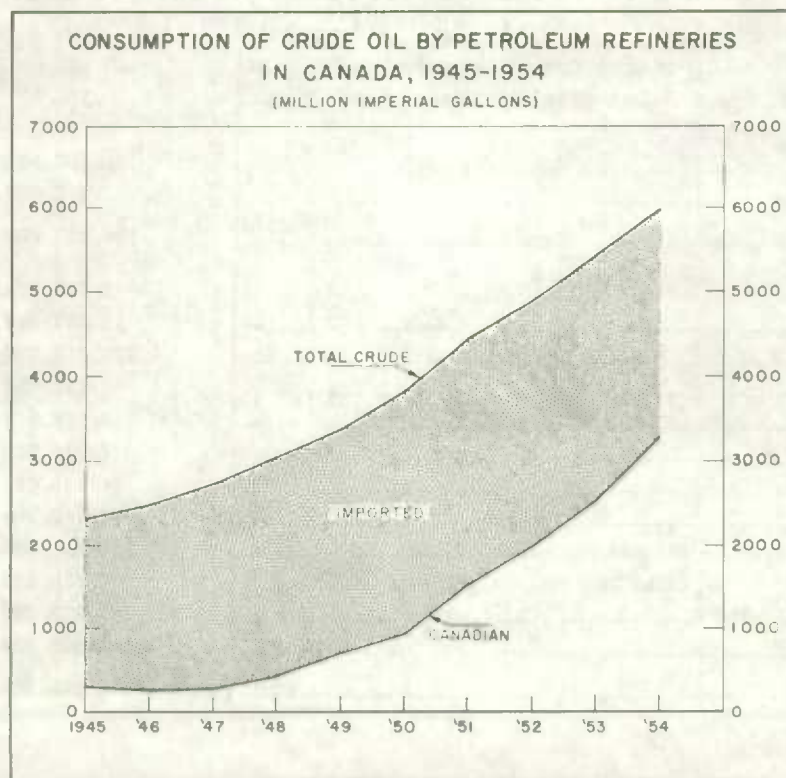


TABLE 14. Consumption of Crude Oil in Petroleum Refineries, Showing Canadian and Imported Separately, 1945-1954

Year	Canadian ¹	Imported ²	Total
	Imperial gallons		
1945	274,831,125	2,031,784,863	2,306,615,988
1946	250,566,210	2,227,789,282	2,478,355,492
1947	259,867,767	2,445,771,925	2,705,639,692
1948	417,958,696	2,641,208,965	3,059,167,661
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

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, 1954
(These items not included in previous tables)

Imported natural casinghead gasoline received at the refinery during the year	Imp. gal.	17,352,411
	\$	2,167,824
Imported natural casinghead gasoline used for blending during year	Imp. gal.	19,695,661
Total stocks of imported natural casinghead gasoline at the end of the year	"	735,840

TABLE 16. Stocks on Hand at the Refineries at the End of 1954

	Stocks on hand at refineries on December 31, 1954	Increase or decrease compared with December 31, 1953
	Imperial gallons	
Crude oil and naphtha, in its natural state, from Canadian wells	147,550,028	+ 31,779,311
Absorption gasoline, etc., from Canadian wells	1,158,357	- 82,305
Crude oil, imported:		
In its natural state	104,697,143	- 35,565,463
Not in its natural state	742,400	+ 196,371
Total crude	254,147,928	- 3,672,086
Naphtha specialties	5,766,925	+ 1,110,246
Aviation gasoline	17,041,010	+ 2,544,168
Motor gasoline	239,615,207	+ 34,338,557
Tractor fuel	892,372	- 620,733
Aviation turbine fuel	9,208,371	+ 4,140,643
Kerosene	7,205,313	+ 2,376,777
Stove oil (No. 1 fuel oil)	54,239,681	- 1,548,226
Diesel fuel	70,042,265	+ 13,857,314
Light fuel oils (Nos. 2 and 3) - Furnace fuel oil	157,229,283	+ 41,061,752
Other light fuel oil	7,619,145	+ 988,500
Heavy fuel oils (Nos. 4, 5 and 6)	97,612,025	- 8,335,597
Lubricating oils	11,648,929	+ 4,186,639
Total refined	678,120,526	+ 94,100,040

TABLE 17. Production of Crude Petroleum, by Provinces, 1953 and 1954

Province	1953		1954	
	Barrels	\$	Barrels	\$
New Brunswick	14, 738	20, 633	13, 046	18, 265
Ontario	299, 685	994, 835	412, 474	1, 391, 687
Manitoba	653, 514	1, 714, 806	2, 148, 184	5, 619, 649
Saskatchewan	2, 797, 888	3, 833, 107	5, 422, 899	8, 183, 304
Alberta	76, 816, 383	193, 761, 644	87, 713, 855	228, 319, 165
Northwest Territories	316, 689	257, 251	369, 887	344, 960
Canada	80, 898, 897	200, 582, 276	96, 080, 345	243, 877, 030

TABLE 18. World Crude Oil Production, 1953-1955

	1953	1954	1955
	Thousands of barrels daily		
North America:			
United States	6, 465.7	6, 346.0	6, 752.0
Canada	221.6	262.7	347.5
Mexico	198.5	226.8	241.2
Total	6, 885.8	6, 835.5	7, 340.7
South America:			
Venezuela	1, 765.1	1, 897.2	2, 152.3
Colombia	110.4	109.5	107.6
Argentina	78.5	81.3	83.2
Trinidad	61.2	65.0	67.4
Peru	44.0	46.7	47.0
Ecuador	8.1	8.4	9.5
Chile	3.5	4.8	6.9
Brazil	2.5	2.6	5.8
Bolivia	1.6	4.5	7.7
Cuba	0.1	0.2	0.9
Total	2, 075.0	2, 220.2	2, 488.3
Western Hemisphere	8, 960.8	9, 055.7	9, 829.0
Europe and Africa:			
Austria	60.0	62.0	65.0
Germany	42.3	51.8	61.4
Netherlands	15.6	17.8	19.5
France	7.0	9.8	15.5
Yugoslavia	3.0	4.2	3.0
Algeria	1.8	1.6	1.2
French Morocco	2.1	2.4	2.2
Italy	1.8	1.5	4.3
United Kingdom	1.1	1.2	1.2
Total (excluding U.S.S.R. and satellites)	134.7	152.3	173.3
U.S.S.R.	1, 040.0	1, 145.0	1, 300.0
Romania	140.0	150.0	150.0
Hungary	14.0	14.0	24.0
Poland	4.0	4.0	4.0
Albania	3.0	3.0	6.0
Czechoslovakia	2.5	2.5	2.5
Total	1, 203.5	1, 318.5	1, 486.5
Total Europe and Africa	1, 338.2	1, 470.8	1, 659.8
Near and Middle East:			
Kuwait	862.0	955.8	1, 106.0
Saudi Arabia	844.6	952.6	964.1
Iraq	576.1	628.7	682.0
Iran	26.8	56.0	322.7
Qatar	85.2	104.9	114.2
Egypt	45.2	37.7	31.7
Bahrein	30.1	30.1	30.0
Neutral zone	—	16.5	25.7
Turkey	0.5	1.1	3.2
Total	2, 470.5	2, 783.4	3, 279.6

TABLE 18. World Crude Oil Production, 1953-1955 - Concluded

	1953	1954	1955
	Thousands of barrels daily		
Far East and Oceania:			
Indonesia	206.0	218.1	239.5
British Borneo	101.0	98.8	106.5
Japan	4.8	5.9	6.1
India	5.4	6.8	6.9
New Guinea	5.8	10.8	9.6
Pakistan	4.8	5.0	5.6
Burma	3.3	3.4	4.0
China	2.0	2.0	2.5
Total	331.1	350.8	380.7
Eastern Hemisphere	4, 141.8	4, 605.0	5, 320.1
World total	13, 102.6	13, 660.7	15, 149.1

TABLE 19. Crude Oil Production by Principal Nations and Hemispheres, 1953-1955

	1953	1954	1955
	%	%	%
Principal Nations:			
United States	49.3	46.4	44.6
Venezuela	13.5	13.9	14.2
U.S.S.R.	7.9	8.4	8.6
Kuwait	6.6	7.0	7.3
Saudi Arabia	6.4	7.0	6.4
Iraq	4.4	4.6	4.5
Canada	1.7	1.9	2.3
Iran	0.2	0.4	2.1
Mexico	1.5	1.7	1.6
Indonesia	1.6	1.6	1.6
Romania	1.1	1.1	1.0
Qatar	0.6	0.8	0.8
Colombia	0.8	0.8	0.7
British Borneo	0.8	0.7	0.7
Western Hemisphere	68.4	66.3	64.9
North America	52.6	50.0	48.5
South America	15.8	16.3	16.4
Eastern Hemisphere	31.6	33.7	35.1
Middle East	18.9	20.4	21.6
Oceania and Far East	2.5	2.6	2.5
Europe (including U.S.S.R.)	10.2	10.7	11.0

Source: Data for Tables 18 and 19 were extracted from "World Petroleum", January, 1956.

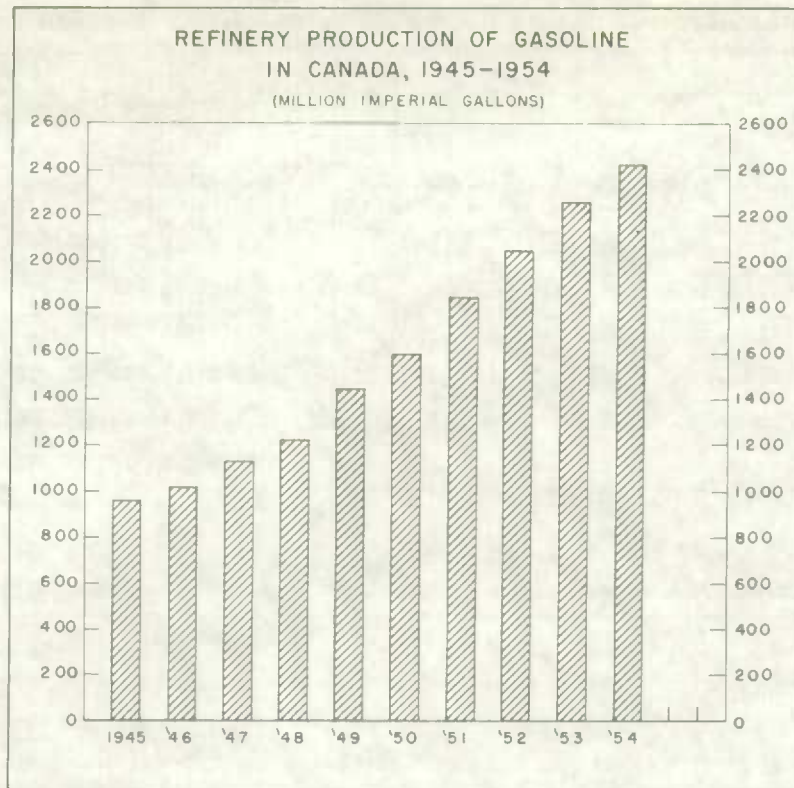
Note: 1 barrel = 35 Imperial gallons.

TABLE 20. Refinery Production¹ of Gasoline, 1945-1954

Year	Motor gasoline	Aviation gasoline	Total
		Imperial gallons	
1945	933, 842, 039	19, 174, 916	953, 016, 955
1946	1, 009, 624, 507	7, 996, 196	1, 017, 620, 703
1947	1, 065, 422, 068	9, 127, 797	1, 074, 549, 865
1948	1, 204, 859, 527	14, 431, 816	1, 219, 291, 343
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

1. Includes production made for own use.

PRODUCTS OF PETROLEUM AND COAL

**TABLE 21. Gross Sales² of Gasoline, by Provinces, 1951-1954**

Province	1951	1952	1953	1954
	Thousands of Imperial gallons			
Newfoundland	4,523 ¹	13,820 ¹	16,504 ¹	18,819 ¹
Prince Edward Island	10,246	10,832	12,389	12,783
Nova Scotia	65,777	69,174	75,772	80,518
New Brunswick	63,615	67,361	77,108	78,066
Quebec	372,853	430,671	456,461	484,869
Ontario	766,492	844,163	928,516	991,397
Manitoba	127,658	148,274	159,554	162,578
Saskatchewan	192,585	238,664	250,699	244,371
Alberta	272,992	329,255	361,665	388,930
British Columbia	173,070	191,445	210,028	235,671
Total gross sales	2,049,812	2,343,660	2,548,696	2,698,001

1. Gross sales of motor and tractor grades only; first reported September, 1951.

2. Sold for all purposes.

TABLE 22. Gross Sales² of Gasoline, by Months, 1951-1954

Month	1951	1952	1953	1954
	Thousands of Imperial gallons			
January	121,365	136,053	150,402	161,055
February	109,429	129,917	140,817	159,662
March	120,542	137,401	161,338	187,855
April	134,106	170,171	183,905	190,847
May	217,688	252,327	236,105	241,443
June	205,339	214,798	246,949	256,068
July	212,033	246,948	267,328	281,683
August	224,070	242,307	261,985	272,842
September	199,364	236,403	259,592	255,410
October	200,855	230,939	248,482	248,218
November	161,983	176,687	200,698	232,672
December	143,037	169,705	191,095	210,246
Total	2,049,812¹	2,343,660	2,548,696	2,698,001

1. Newfoundland included for last four months only.

2. Sold for all purposes.

TABLE 23. Gross Sales of Gasoline, by Months and by Provinces, 1954, and Totals for 1953

Month	Newfoundland ¹	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total
Thousands of Imperial gallons											
January.....	1,150	593	4,711	4,997	31,010	63,693	8,359	9,082	24,449	13,011	161,055
February.....	1,089	469	4,488	4,786	29,130	62,087	8,916	9,544	25,291	13,862	159,662
March.....	1,171	556	4,969	5,620	32,962	70,153	11,178	12,259	27,525	21,463	187,855
April.....	1,256	784	6,042	4,897	33,183	76,402	11,523	14,538	25,410	16,812	190,847
May.....	1,501	1,459	7,200	6,818	40,925	89,565	15,172	27,162	33,289	18,352	241,443
June.....	1,738	1,328	7,576	7,220	45,815	91,733	15,561	28,242	36,877	19,978	256,068
July.....	1,893	1,412	8,330	7,981	49,351	100,411	17,195	29,718	39,921	25,473	281,683
August.....	2,004	1,441	8,702	8,309	49,879	97,809	18,646	27,423	34,257	24,371	272,842
September.....	1,929	1,380	7,786	7,906	46,321	92,251	16,868	24,816	34,521	21,633	255,410
October.....	1,723	1,252	7,033	7,053	44,331	84,795	15,744	26,912	39,335	20,041	248,218
November.....	1,795	1,203	7,071	6,683	42,502	83,860	12,653	20,468	37,090	19,348	232,672
December.....	1,570	906	6,612	5,797	39,460	78,638	10,765	14,208	30,964	21,327	210,246
Totals for 1954	18,819	12,783	80,518	78,066	484,869	991,397	162,578	244,371	388,930	235,671	2,698,001
Totals for 1953	16,504	12,389	75,772	77,108	456,461	928,516	159,554	250,699	361,665	210,028	2,548,696

1. Gross sales of motor and tractor grades only.

TABLE 24. Net Sales² of Gasoline, by Provinces, 1951-1954

Province	1951	1952	1953	1954
Thousands of Imperial gallons				
Newfoundland.....	10,816 ¹	12,745	15,438	17,796
Prince Edward Island.....	8,610	8,730	8,582	9,135
Nova Scotia.....	54,352	57,229	63,467	67,488
New Brunswick.....	55,636	58,787	67,972	68,386
Quebec.....	337,259	390,593	411,418	434,581
Ontario.....	642,537	695,348	783,785	824,877
Manitoba.....	73,449	83,111	88,369	99,530
Saskatchewan.....	89,513	113,260	128,262	128,116
Alberta.....	126,108	153,545	175,150	184,509
British Columbia.....	130,626	144,762	160,072	186,584
Canada.....	1,528,906	1,718,112	1,902,515	2,021,002

1. Estimated from tax revenues.

2. Gross sales less gasoline exempt from tax or on which tax was refunded.

TABLE 25. Provincial Government Receipts from Gasoline Taxes, by Provinces, 1951-1954

Province	1951	1952	1953	1954
	\$	\$	\$	\$
Newfoundland	1,514,260	1,795,005	2,137,582	2,598,547
Prince Edward Island	1,002,323	1,160,531	1,202,210	1,300,186
Nova Scotia	7,852,411	8,819,929	9,555,028	10,314,084
New Brunswick	6,322,761	6,832,399	7,337,787	8,780,183
Quebec	47,635,063	50,517,560	56,589,501	59,702,807
Ontario	71,382,060	77,647,918	86,238,934	92,657,841
Manitoba	6,679,830	7,422,949	8,279,262	8,984,172
Saskatchewan	9,388,465	11,758,528	14,087,699	14,470,247
Alberta	12,766,293	15,378,525	17,315,100	18,576,963
British Columbia	13,843,038	15,364,145	16,936,040	18,107,275
Yukon	118,803	188,077	196,952	209,900
Total receipts	178,505,307	196,885,566	219,876,095	235,702,205

TABLE 26. Revenues from Motor Vehicle Registrations and Gasoline Taxes, 1945-1954

Year	From motor vehicle registrations	From gasoline taxes	Year	From motor vehicle registrations	From gasoline taxes
	\$	\$		\$	\$
1945	32,166,464	87,666,795 ¹	1950	67,185,528	155,146,585
1946	39,787,935	108,573,195 ¹	1951	73,707,694	178,505,307
1947	46,004,131	119,668,069 ¹	1952	81,119,360	196,885,566
1948	51,287,732	124,330,987	1953	87,788,069	219,876,095
1949	58,205,854	137,834,316	1954	93,849,956	235,702,205

Note: Subsidies discontinued in 1946. Federal Government gasoline tax cancelled March 31, 1947.

1. Total tax paid by public, including Provincial and Federal Government taxes, but allowing for subsidies paid to provinces by Federal Government in guarantee of revenues because of gasoline rationing.

TABLE 27. Registrations of Motor Vehicles, by Provinces, 1951-1954

Province	1951	1952	1953	1954
	Number			
Newfoundland	20,058	23,630	29,576	34,423
Prince Edward Island	16,896	18,717	20,286	20,848
Nova Scotia	105,262	114,982	129,564	133,087
New Brunswick	83,023	89,839	93,914	99,058
Quebec	500,729	574,974	617,855	674,114
Ontario	1,205,098	1,291,753	1,406,119	1,489,980
Manitoba	171,265	187,881	203,652	210,471
Saskatchewan	215,450	237,014	257,504	267,373
Alberta	259,841	291,469	318,812	338,541
British Columbia	291,417	321,482	348,830	371,711
Yukon and Northwest Territories	3,381	4,083	4,560	4,983
Canada	2,872,420	3,155,824	3,430,672	3,644,589

TABLE 28. Registrations of Motor Vehicles, by Types, 1954

Province	Passenger cars	Motor trucks	Motor buses	Motor-cycles	Tractors	Other motor vehicles	Total
	Number						
Newfoundland	24,000	9,354	188	315	234	332	34,423
Prince Edward Island	12,551	5,724	14	140	2,419 ²	—	20,848
Nova Scotia	90,068	36,762	4	1,201	5,056	1	133,087
New Brunswick	67,624	22,443	443	1,021	4,941	2,586	99,058
Quebec	490,819	139,966	3,611	14,703	18,477 ²	6,538	674,114
Ontario	1,187,725	289,801	1	12,454	1	1	1,489,980
Manitoba	151,915	53,212	185	1,577	1,956	1,626	210,471
Saskatchewan	162,980	101,719	109	642	1,923	—	267,373
Alberta	222,305	111,894	511	1,853	2	1,978	338,541
British Columbia	276,161	88,637	1	3,744	3,169 ²	1	371,711
Yukon and Northwest Territories	2,317	2,121	17	15	4	509	4,983
Canada	2,688,465	861,633	5,078³	37,665	38,179³	13,569³	3,644,589

1. Included with trucks.
2. Farm tractors only. Road tractors included with trucks.
3. Figures not complete.
4. Estimated 520 included with trucks.

TABLE 29. Petroleum Coke: Deliveries For Consumption, 1953 and 1954 (Used as fuel only — not as manufacturing materials)

Fuel for domestic and industrial heating	1953	1954
	Tons	
Atlantic provinces	—	—
Quebec	—	—
Ontario	12,111	10,080
Manitoba	—	—
Saskatchewan	—	—
Alberta and Northwest Territories	—	—
British Columbia and Yukon	—	—
Total	12,111	10,080

TABLE 30. Fuel Oil and Distillate Deliveries: Deliveries for Consumption, by Provinces, 1954, and Totals for 1950-1953 (As reported by Distributors and Refiners)

No.		Atlantic provinces	Quebec	Ontario	Manitoba
		Barrels of 35 Imperial gallons			
	(a) Heavy and medium fuel oils (Nos. 6, 5 and 4):				
1	For heating homes and buildings and for lighting and cooking	284,029	2,444,626	1,382,194	566,148
2	For electric light plants	86,977	—	—	—
3	For industrial purposes, as fuel or material	2,267,999	7,078,745	6,091,516	545,039
4	For tractors and other motor vehicles, as fuel	90,206	—	—	—
5	To railways	458,429	106,879	115,033	259,234
6	To ships for bunkering	1,452,126	3,027,277	632,652	8,268
7	For unspecified uses	—	324,094	155,044	91,584
8	Total deliveries of fuel oils, all uses	4,639,766	12,981,621	8,376,439	1,470,273
	(b) Heavy and light furnace oils (Nos. 3 and 2):				
9	For heating homes and buildings and for lighting and cooking	2,057,347	6,944,956	14,389,834	1,524,579
10	To electric light plants	—	66	48,353	—
11	For industrial purposes, as fuel or material	90,523	743,535	1,569,284	37,744
12	For tractors and other motor vehicles, as fuel	34	12,949	16,920	2,972
13	To railways	12,207	62,979	46,955	3,420
14	To ships and boats, as fuel	189	5,884	1,140	—
15	For unspecified uses	228	82,991	270,099	116,324
16	Total deliveries of furnace oils, all uses	2,160,528	7,833,360	16,342,585	1,685,039
	(c) Diesel fuel:				
17	For heating homes and buildings and for lighting and cooking	3,323	66,567	102,603	95,575
18	To electric light plants	32,513	34,583	—	—
19	For industrial purposes, as fuel or material	282,435	196,477	177,261	9,336
20	For tractors and other motor vehicles, as fuel	329,868	738,377	490,762	148,013
21	To railways	297,294	653,910	1,269,634	148,032
22	To ships and boats, as fuel	484,089	359,284	61,774	—
23	For unspecified uses	37,877	92,695	200,804	40,732
24	Total deliveries of diesel fuel, all uses	1,467,399	2,141,893	2,302,838	441,688
	(d) Stove oil (No. 1), tractor fuel, kerosene and illuminating oil:				
25	For heating homes and buildings and for lighting and cooking	1,513,054	4,444,421	3,514,485	97,732
26	To railways	6,944	35,180	14,702	6,834
27	To electric light plants	—	—	—	—
28	For industrial purposes, as fuel or material	41,256	48,678	56,295	996
29	For tractors and other motor vehicles, as fuel	—	109,070	9,721	108,199
30	For unspecified uses	4,346	38,718	280,543	16,487
31	Total deliveries of section (d), all uses	1,565,600	4,676,067	3,875,746	230,248
32	Total deliveries of all liquid fuels, all uses	9,833,293	27,652,941	30,897,608	3,827,248
33	Total all fuels: 1953	8,847,200	23,460,700	25,255,700	3,516,200
34	1952	8,796,900	20,847,600	22,592,800	3,034,400
35	1951	7,734,400	18,274,600	20,853,900	2,499,400
36	1950	6,443,200	15,947,600	16,031,200	1,672,800

Note: 1. Amounts recorded respectively for domestic, industrial, and tractor purposes were for actual Consumption within the areas indicated; those recorded under railways and bunkering were taken from or accepted at delivery points within these areas, but were consumed by carriers where required.

2. Consumption of Heavy and Medium Fuel Oils (Nos. 6, 5 and 4) used under refinery boilers is not included in above totals.

TABLE 30. Fuel Oil and Distillate Deliveries: Deliveries for Consumption, by Provinces, 1954, and Totals for 1950-1953 (As reported by Distributors and Refiners)

Saskatchewan	Alberta and Northwest Territories	British Columbia and Yukon	Canada		Canada		No.
			1954	Per cent of section total	1953	Per cent of section total	
Barrels of 35 Imperial gallons							
402,502	42,691	1,088,590	6,210,780	15.6	5,656,564	15.4	1
873,199	952	—	961,128	2.4	837,318	2.3	2
445,978	55,427	2,174,824	18,659,528	46.9	15,496,006	42.2	3
—	—	441	90,647	.2	34,222	.1	4
1,298,711	3,142,975	1,114,254	6,495,515	16.3	6,477,504	17.6	5
—	14,955	1,481,525	6,616,803	16.6	7,799,295	21.3	6
—	110,300	125,434	806,456	2.0	399,512	1.1	7
3,020,390	3,367,300	5,985,068	39,840,857	100.0	36,700,421	100.0	8
1,590,424	579,778	1,947,256	29,034,174	88.9	23,097,716	90.1	9
—	301	—	48,720	.1	374	—	10
12,699	11,940	204,226	2,669,951	8.2	1,588,098	6.2	11
224,380	—	428	257,683	.8	109,020	.4	12
12,169	11,587	6,938	156,255	.5	415,935	1.6	13
—	—	1,143	8,356	—	97,370	.4	14
895	3,257	12,006	485,800	1.5	338,370	1.3	15
1,840,567	606,863	2,171,997	32,660,939	100.0	25,646,883	100.0	16
174,752	21,985	5,472	470,277	4.1	358,929	3.4	17
32,973	29,368	21,362	150,799	1.3	193,676	1.8	18
140,418	254,489	726,695	1,787,111	15.5	2,472,431	23.4	19
447,890	684,701	324,590	3,164,201	27.5	2,364,706	22.4	20
110,105	553,690	388,166	3,420,831	29.8	2,609,637	24.7	21
—	6,364	464,143	1,375,654	12.0	1,414,215	13.4	22
208,537	338,938	207,711	1,127,294	9.8	1,145,833	10.9	23
1,114,675	1,889,535	2,138,139	11,496,167	100.0	10,559,427	100.0	24
255,044	323,354	1,644,935	11,793,025	91.8	9,471,895	89.2	25
1,192	4,024	3,678	72,554	.6	37,397	.4	26
1,056	—	—	1,056	—	12	—	27
869	7,786	60,228	216,108	1.7	241,175	2.3	28
82,585	79,397	—	388,972	3.0	419,093	3.9	29
16,909	16,395	4,376	377,774	2.9	449,547	4.2	30
357,655	430,956	1,713,217	12,849,489	100.0	10,619,119	100.0	31
6,333,287	6,294,654	12,008,421	96,847,452	100.0	83,525,850	100.0	32
4,900,800	6,248,700	11,296,600	83,525,800	—	—	—	33
3,921,900	6,275,800	11,837,500	77,306,900	—	—	—	34
4,345,500	5,732,600	10,015,900	69,456,400	—	—	—	35
3,922,800	5,269,200	8,835,800	58,122,700	—	—	—	36

Note: 1. Amounts recorded respectively for domestic, industrial, and tractor purposes were for actual consumption within the areas indicated; those recorded under railways and bunkering were taken from or accepted at delivery points within these areas, but were consumed by carriers where required.

2. Consumption of Heavy and Medium Fuel Oils (Nos. 6, 5 and 4) used under refinery boilers is not included in above totals.

TABLE 31. Principal Statistics of the Lubricating Oils and Greases Industry, 1950-1954

Year	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1950	14	328	849,511	28,914	6,489,520	1,476,861	7,995,295
1951	16	331	972,773	48,527	8,163,903	2,875,087	11,087,517
1952	15	334	1,088,527	68,014	8,913,243	3,339,566	12,320,823
1953	13	286	988,784	57,529	7,215,941	3,117,658	10,391,128
1954	13	294	1,007,140	121,431	7,630,956	5,186,097	12,696,501

1. Figures for value added by manufacture shown in Table 31, 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. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954, 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 figure for 1954.

TABLE 32. Principal Statistics of the Lubricating Oils and Greases Industry, by Provinces, 1953 and 1954

Province	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Value of factory shipments
	No.	No.	\$	\$	\$	\$	\$
1953							
Quebec	4	61	191,596	24,372	1,819,124	1,643,570	3,487,066
Ontario	7						
Saskatchewan	1						
British Columbia	1						
Canada	13	286	988,784	57,529	7,215,941	3,117,658	10,391,128
1954							
Quebec	4	61	175,836	30,602	1,513,808	1,388,363	2,834,698
Ontario	7						
Manitoba	1						
Saskatchewan	1						
Canada	13	294	1,007,140	121,431	7,630,956	5,186,097	12,696,501

1. See footnote to Table 31.

TABLE 33. Products Made in the Lubricating Oils and Greases Industry, 1953 and 1954

Product	Unit of measure	1953		1954	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Greases, lubricating	pound	14,096,250	1,457,920	11,733,358	1,442,243
Oils, lubricating	gallon	11,994,387	8,560,939	13,176,100	10,910,496
Soap	—	—	20,846	—	9,319
All other products	—	—	351,423	—	344,443
Total	—	—	10,391,128	—	12,696,501

TABLE 34. Materials Used in the Lubricating Oils and Greases Industry, 1953 and 1954

Material	Unit of measure	1953		1954	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Compounding stocks (oils, etc.).....	Imp. gal.	14, 819, 505	4, 214, 855	13, 917, 526	4, 324, 018
Tallow and grease	lb.	100, 800	9, 090	3, 099	337
All other materials	—	—	1, 229, 825	—	1, 433, 886
Shipping containers	—	—	1, 762, 171	—	1, 872, 715
Total	—	—	7, 215, 941	—	7, 630, 956

TABLE 35. Sales of Lubricating Oils, 1953 and 1954 (As reported by principal dealers)

Province	Motor transport and tractor crankcase oil	Aircraft crankcase oils	Other oils (industrial, etc.)	Total all purposes
	Imperial gallons			
1953				
Newfoundland	597, 000	124, 000	400, 000	1, 121, 000
Maritimes	3, 507, 000	135, 000	1, 763, 000	5, 405, 000
Quebec	9, 274, 000	293, 000	6, 204, 000	15, 771, 000
Ontario	17, 017, 000	262, 000	16, 979, 000	34, 258, 000
Manitoba	3, 476, 000	173, 000	1, 676, 000	5, 325, 000
Saskatchewan	5, 101, 000	52, 000	397, 000	5, 550, 000
Alberta	6, 517, 000	149, 000	1, 281, 000	7, 947, 000
British Columbia (including Yukon)	5, 228, 000	124, 000	2, 201, 000	7, 553, 000
Total - Canada	50, 717, 000	1, 312, 000	30, 901, 000	82, 930, 000
1954				
Newfoundland	630, 000	162, 000	417, 000	1, 210, 000
Maritimes	3, 629, 000	84, 000	1, 730, 000	5, 442, 000
Quebec	9, 526, 000	332, 000	6, 347, 000	16, 205, 000
Ontario	17, 244, 000	235, 000	15, 339, 000	32, 818, 000
Manitoba	3, 027, 000	142, 000	1, 469, 000	4, 639, 000
Saskatchewan	4, 360, 000	44, 000	370, 000	4, 774, 000
Alberta	6, 119, 000	139, 000	1, 411, 000	7, 670, 000
British Columbia (including Yukon)	5, 101, 000	172, 000	2, 399, 000	7, 673, 000
Total - Canada	49, 636, 000	1, 310, 000	29, 484, 000	80, 430, 000

TABLE 36. Sales of Lubricating Greases, 1953 and 1954 (As reported by principal dealers)

	Lubricating greases			Automotive gear oils
	Automotive	Industrial	Total	
	pounds			pounds
1953				
Newfoundland.....	307,000	138,000	445,000	276,000
Maritimes.....	1,861,000	1,399,000	3,260,000	1,781,000
Quebec.....	4,392,000	5,633,000	10,025,000	7,081,000
Ontario.....	9,469,000	14,163,000	23,632,000	11,964,000
Manitoba.....	1,965,000	2,018,000	3,983,000	2,654,000
Saskatchewan.....	5,252,000	358,000	5,610,000	3,934,000
Alberta.....	4,921,000	1,394,000	6,315,000	5,003,000
British Columbia (including Yukon).....	1,712,000	1,443,000	3,155,000	3,614,000
Total - Canada.....	29,879,000	26,546,000	56,425,000	36,307,000
1954				
Newfoundland.....	325,000	2,000	327,000	333,000
Maritimes.....	1,691,000	1,359,000	3,050,000	1,866,000
Quebec.....	4,195,000	4,692,000	8,888,000	6,970,000
Ontario.....	7,302,000	7,286,000	14,588,000	12,495,000
Manitoba.....	1,607,000	1,502,000	3,109,000	2,753,000
Saskatchewan.....	3,899,000	511,000	4,410,000	3,269,000
Alberta.....	4,046,000	1,500,000	5,546,000	4,717,000
British Columbia (including Yukon).....	1,498,000	1,387,000	2,885,000	3,746,000
Total - Canada.....	24,563,000	18,240,000	42,803,000	36,149,000

TABLE 37. Employees and Their Earnings in the Lubricating Oils and Greases Industry, 1953 and 1954

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1953								
Ontario.....	52	12	150	3	217	\$ 260,198	\$ 514,443	\$ 774,641
Other provinces.....	12	5	48	4	69	67,041	147,102	214,143
Canada.....	64	17	198	7	286	327,239	661,545	988,784
1954								
Ontario.....	45	12	134	—	191	230,984	466,183	697,167
Other provinces.....	26	8	67	2	103	105,663	204,310	309,973
Canada.....	71	20	201	2	294	336,647	670,493	1,007,140

TABLE 38. Production Workers in the Lubricating Oils and Greases Industry, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
	number					
January.....	214	9	223	193	1	194
February.....	213	9	222	189	1	190
March.....	214	9	223	190	1	191
April.....	215	9	224	201	1	202
May.....	189	3	192	202	1	203
June.....	193	3	196	213	2	215
July.....	199	4	203	212	2	214
August.....	203	5	208	214	2	216
September.....	191	4	195	205	2	207
October.....	187	5	192	200	2	202
November.....	182	5	187	198	2	200
December.....	184	5	189	196	2	198
Average.....	198	7	205	201	2	203

TABLE 39. Principal Statistics of the Absorption Gasoline Industry, 1952-1954

Year	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments
	No.	No.	\$	\$	\$	\$	\$
1952.....	5	99	357,287	143,648	2,124,299	2,616,709	4,884,656
1953.....	5	96	374,309	115,954	1,922,553	2,598,038	4,636,545
1954.....	8	134	512,138	120,738	2,054,409	3,441,650	5,558,996

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, information not previously available on the value of year-end inventory holdings at plant and plant warehouses was taken into account in calculating the "value added" figure.

TABLE 40. Products Made in the Absorption Gasoline Industry, 1953 and 1954

Product	Unit of measure	1953		1954	
		Quantity	Selling value at works \$	Quantity	Value of shipments \$
Dry gas ¹	M cu. ft.	19,641,851	1,648,455	22,342,569	1,912,526
Natural gasoline.....	Imp. gal.	20,419,820	1,740,931	22,623,229	1,976,452
Liquefied petroleum gases (propane and butane).....	Imp. gal.	18,645,058	956,488	24,513,495	1,295,709
Sulphur.....	ton	16,192	290,671	18,558	350,044
All other products.....	-	-	-	-	24,265
Total	-	-	4,636,545	-	5,558,996

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 41. Production of Natural Gasoline in Alberta, 1950-1954

	1950	1951	1952	1953	1954
	barrels				
Production — by fields:					
Jumping Pound.....	-	13,657	19,582	33,706	56,190
Leduc-Woodbend.....	15,022	43,597	66,500	82,241	93,843
Turner Valley.....	431,362	457,773	487,000	486,421	508,613
Other fields ¹	-	-	-	-	14,918
Total Alberta	446,384	515,027	573,082	602,368	673,564

1. Includes Acheson, Bonnie Glen and Fenn-Big Valley fields.

TABLE 42. Production¹ and Imports of Liquefied Petroleum Gases, 1950-1954

Year	Production	Imports
	pounds	
1950.....	63,000,000	155,476,000
1951.....	112,000,000	188,849,000
1952.....	184,000,000	191,701,000
1953.....	263,835,000	263,071,000
1954.....	371,160,000	265,319,000

1. From all industries.

TABLE 43. Employees and Their Earnings in Absorption Gasoline Plants, 1953 and 1954

		1953	1954
Supervisory and office employees:			
Male	No.	16	34
Female	No.	—	1
Total	No.	16	35
Production workers:			
Male	No.	80	98
Female	No.	—	1
Total	No.	80	99
Total employees	No.	96	134
Salaries	\$	67,993	124,076
Wages	\$	306,316	388,062
Total salaries and wages	\$	374,309	512,138

TABLE 44. Production Workers in the Absorption Gasoline Industry, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
	Number					
January	75	—	75	86	—	86
February	78	—	78	88	—	88
March	79	—	79	87	1	88
April	82	—	82	87	1	88
May	85	—	85	91	1	92
June	84	—	84	95	1	96
July	83	—	83	105	1	106
August	84	—	84	101	1	102
September	81	—	81	102	2	104
October	78	—	78	107	2	109
November	79	—	79	109	2	111
December	77	—	77	135	2	137
Average	80	—	80	98	1	99

TABLE 45. Capital and Repair Expenditures by the Absorption Gasoline Plants, 1952-1954

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1952	221	1,102	1,323	4	125	129	1,452
1953	466	177	643	139	112	251	894
1954 ¹	8,395	293	8,688	179	65	244	8,932

1. Preliminary.

TABLE 46. Imports of Petroleum, Asphalt, and Their Products, 1953 and 1954

Item	1953		1954	
	Quantity	Value	Quantity	Value
		\$		\$
Asphaltum or asphalt, solid or not.....	cwt. 451,921	857,210	626,365	888,404
Asphalt oil for paving	gal. —	—	141,092	17,550
Oil, imported by miners or mining companies, for the concentration of ores or metals	gal. 168,744	192,311	212,191	220,316
Crude petroleum for refining, .8155 specific gravity (42.0 A.P.I.) or heavier at 60° Fah. M	gal. 2,781,707	207,985,790	2,757,017	212,495,975
Crude petroleum, n.o.p.	gal. 16,654	1,541	12,682	1,212
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° Fah., when imported by oil refiners to be refined	gal. 75,237,668	5,106,463	3,898,805	289,779
Fuel oil, ex-warehoused, for ships' stores....	gal. 18,796,458	940,737	8,241,704	374,021
Aviation gasoline	gal. 79,861,231	16,305,335	82,586,802	16,792,527
Kerosene, lighter than .8236 specific gravity at 60° Fah., n.o.p.	gal. 26,708,398	3,256,297	18,891,972	2,110,799
Engine distillate, .8017 specific gravity or heavier at 60° Fah.	gal. 231,011	27,328	168,770	22,611
Gasoline, lighter than .8236 specific gravity at 60° Fah.	gal. 184,136,880	29,152,048	113,653,640	15,513,545
Natural casinghead, compression or absorp- tion gasoline, lighter than .6690 specific gravity (80.0 A.P.I.) at 60° Fah., when im- ported by refiners of crude petroleum for blending with gasoline wholly produced in Canada	gal. 27,610,165	3,165,438	20,339,110	2,235,291
Lubricating oils, composed wholly or in part of petroleum and costing less than 25 cents per gallon	gal. 23,595,576	4,391,499	25,022,572	4,692,544
Lubricating oils, 25 cents and over	gal. 11,351,934	4,654,771	9,547,985	4,210,962
Oils, mineral, n.o.p.	gal. 2,618,120	3,376,397	1,804,263	1,408,322
Stove oil, No. 1 fuel oil	gal. 106,812,256	12,436,966	100,437,596	11,493,374
Light fuel oils, Nos. 2 and 3	gal. 275,707,181	27,778,738	346,340,659	34,404,784
Heavy fuel oils, Nos. 4, 5 and 6	gal. 267,744,747	16,128,933	311,874,664	17,763,829
Diesel fuel	gal. 71,166,322	7,865,673	63,358,128	6,885,224
Tractor fuel	—	—	—	—
Petroleum greases and lubricating greases, n.o.p.	lb. 20,193,059	1,850,603	14,185,990	1,547,172
Refined petroleum jellies and oils for toilet, medicinal, edible or similar purposes	—	603,623	—	599,348
Paraffin wax	lb. 36,816,140	2,189,061	34,241,819	2,109,685
Paraffin wax candles	lb. 309,536	93,729	293,436	98,999
Products of petroleum, n.o.p.	gal. 14,570,878	3,632,530	11,232,414	3,525,971
Liquefied petroleum gases	lb. 263,070,780	3,530,232	265,319,376	3,091,301
Naphtha, including solvent naphtha	gal. 12,812,190	2,526,073	10,597,362	2,193,845

TABLE 47. Exports of Petroleum and its Products, 1953 and 1954

Item	1953		1954	
	Quantity	Value	Quantity	Value
		\$		\$
Petroleum, crude	gal. 87,755,990	6,227,828	82,073,183	6,317,578
Oil, coal and kerosene, refined	gal. 1,998	508	3,550	889
Gasoline and naphtha	gal. 166,678	37,576	15,367,007	2,006,976
Fuel oil	gal. 5,513,958	428,700	1,553,002	141,689
Lubricating oil	gal. 25,645	32,015	41,756	100,788
Oil, mineral, n.o.p.	gal. 8,870	10,196	110	230
Wax, mineral	cwt. 5,254	36,008	13,998	108,713

Directory of Operating Petroleum Refineries, 1954

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.....	Dartmouth.....	18,000	S-C	Thermal.....	10,000
New Brunswick:					
New Brunswick Oilfields Ltd.	Weldon.....	300	S	-	-
Quebec:					
British American Oil Co. Limited.....	Montreal East....	45,000	S-C	Thermal and Catalytic	21,000
Imperial Oil Limited.....	Montreal East....	46,000	S-C	Thermal and Catalytic	30,600
McCull-Fontenac Oil Co. Limited.....	Montreal East....	45,000	S-C	Thermal and Catalytic	34,000
Shell Oil Company of Canada Ltd.	Montreal East....	44,000	S-C	Thermal and Catalytic	23,000
Ontario:					
British American Oil Co. Limited.....	Clarkson.....	21,500	S-C	Thermal and Catalytic	16,100
Canadian Oil Companies Limited.....	Corunna.....	20,000	C	Catalytic.....	8,300
Husky Oil & Refining Ltd. (Riverlake Oils Division).....	Fort William.....	4,000	S-C	Catalytic.....	1,200
Imperial Oil Limited.....	Sarnia.....	78,000	S-C	Thermal and Catalytic	35,300
Regent Refining (Canada) Limited.....	Port Credit.....	7,500	S-C	Thermal.....	4,000
Sun Oil Company Limited.....	Sarnia.....	15,000	S-C	Catalytic.....	11,000
Manitoba:					
Anglo-Canadian Oils Ltd.	Brandon.....	3,000	S-C	Thermal.....	1,375
Imperial Oil Limited.....	East St. Paul....	12,000	S-C	Catalytic.....	4,100
North Star Oil Limited.....	St. Boniface.....	4,500	S-C	Thermal.....	2,000
Radio Oil Refineries Ltd.	East Kildonan..	1,000	S	-	-
Saskatchewan:					
British American Oil Co. Limited.....	Moose Jaw.....	15,000	S-C	Thermal and Catalytic	6,000
Consumers' Co-operative Refineries Limited	Regina.....	12,000	S-C	Thermal and Catalytic	7,500
Imperial Oil Limited.....	Regina.....	22,500	S-C	Thermal and Catalytic	18,700
Moose Jaw Refineries Ltd.	Moose Jaw.....	2,200	S	-	-
Northern Petroleum Corporation Ltd.	Kamsack.....	800	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.....	1,000	S	-	-
Alberta:					
British American Oil Co. Limited.....	Edmonton.....	7,000	S-C	Thermal and Catalytic	3,400
British American Oil Co. Limited.....	Calgary.....	7,200	S-C	Thermal.....	2,500
Anglo American Exploration Ltd.	Hartell.....	3,000	S-C	Thermal.....	1,500
Imperial Oil Limited.....	Calgary.....	9,200	S-C	Thermal.....	4,600
Imperial Oil Limited.....	Edmonton.....	25,000	S-C	Thermal and Catalytic	17,200
McCull-Fontenac Oil Co. Limited.....	Edmonton.....	8,000	S-C	Catalytic.....	2,700
Excelsior Refineries Ltd.	Lloydminster....	1,500	S-C	Thermal.....	250
Husky Oil & Refining, Ltd.	Lloydminster....	10,000	S	-	-
Wainwright Producers & Refiners Ltd.	Wainwright.....	1,000	S	-	-
Bonnyville Oil Refineries Ltd.	Bonnyville.....	1,000	S	-	-
British Columbia:					
Imperial Oil Limited.....	Ioco.....	22,500	S-C	Catalytic.....	7,500
Royalite Products Ltd.	Kamloops.....	5,000	C	Catalytic.....	1,400
Shell Oil Company of Canada Ltd.	Vancouver.....	18,000	S-C	Thermal and Catalytic	6,000
Standard Oil Company of British Columbia Ltd.	Burnaby.....	11,000	C	Catalytic.....	3,750
Northwest Territories:					
Imperial Oil Limited.....	Norman Wells....	1,250	S	-	-

Note. S - Skimming, C - Cracking.

Directory of Plants Engaged in the Compounding of Lubricating Oils and Greases, 1954

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 Associated Oil Company (Canada) Ltd.	9500 St. Lawrence Blvd., Montreal
Wynn Oil Co. Of Canada Ltd.	St-Janvier
Ontario:	
Campbell Lubricating Specialties, Ltd.	414 Eastern Ave., Toronto
Hollingshead, R.M., Co. of Canada, Ltd.	Bowmanville
The Kearns Co. of Canada	226 Weston Road, Toronto
McCull-Fontenac Oil Co. Ltd.	Toronto
Ontario Gasoline & Oil Limited	45 Dickens St., Toronto
Ontario Lubricating Company Ltd.	120 Chatham St., Hamilton
Tide Water Associated Oil Company (Canada) Ltd.	55 Wade Ave., Toronto
Manitoba:	
McCull-Fontenac Oil Company Limited	813 Henry Ave., Winnipeg
Saskatchewan:	
Western Oil Company Limited, The	860 Fairford St. W., Moose Jaw

List of Absorption Gasoline Plants, 1954

Name of company	Location of plant
British American Oil Company, Limited	Turner Valley, Alberta
Anglo American Exploration Ltd.	Hartell, Alberta
Imperial Oil Limited	Devon, Alberta
Progas Limited	Big Valley and Winterburn, Alberta
Royalite Oil Company, Limited	Turner Valley, Alberta
Shell Oil Company of Canada, Limited	Jumping Pound, Alberta
Texaco Exploration Company	Pigeon Lake Area, Alberta

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