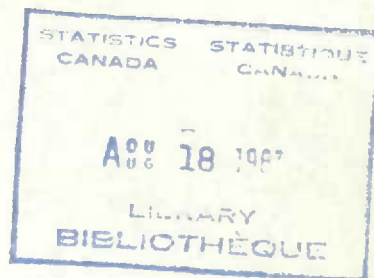


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Revue



THE PETROLEUM PRODUCTS INDUSTRY

1956



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NOTICE

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

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, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - 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

1956

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 or 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-one refineries, 13 blending plants and 7 absorption gasoline plants, or a total of 61 works reported in this category in 1956 and the aggregate value of production was \$1,253,798,979, an increase of 19.5 per cent over the 1955 total of \$1,048,834,455. 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 - see footnote to table 7.

Output figures for 1956 included \$1,228,623,432 for petroleum refineries, \$16,767,832 for concerns engaged in blending oils and greases and \$8,407,715 for absorption plants, against corresponding totals in 1955 of \$1,026,339,870, \$15,294,207 and \$7,200,378 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, 1956

The 41 petroleum refineries which operated in Canada in 1956 were distributed by provinces as follows: 5 in Quebec, 6 in Ontario, 3 in Manitoba, 9 in Saskatchewan, 10 in Alberta, 5 in British Columbia and 1 each in Nova Scotia, New Brunswick and the Northwest Territories. The refineries which were active at the end of the year had a capacity of 706,350 barrels of crude oil per day, of which Quebec had 252,000 barrels or 35.6 per cent; Ontario, 163,950 barrels or 23.2 per cent; Alberta, 83,600 barrels or 11.8 per cent; Saskatchewan, 62,000 barrels or 8.8 per cent; British Columbia, 71,000 barrels or 10.0 per cent; Nova Scotia, 42,000 barrels or 5.9 per cent; the Northwest Territories, 1,300 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 3,700,839,018 gallons of imported crude oil and 4,395,193,712 gallons of crude oil and absorption gasoline from Canadian wells, or a total of 8,096,032,730 gallons, was put through Canadian refineries, this amounting to about 85.8 per cent of rated capacity. Of the total crude input about 2.8 per cent was imported from the United States and 42.9 per cent from other countries while about 54.3 per cent came from Canadian wells. The total cost at refineries of all crude oil and naphtha charged to still during the year was \$691,700,860. Stocks of crude oil held at the refineries on December 31st amounted to 295,574,868 gallons.

Refinery production of gasoline amounted to 3,031,201,752 gallons and, in addition, the refineries used for blending about 5,884,655 gallons of imported casinghead gasoline which is not included

in the Canadian production figures. The gallonage made in 1956 was 11.9 per cent over 1955 which in turn was 12.1 per cent over 1954. The refinery selling value of the gasoline made during the year was \$558,758,491. Stocks of gasoline held by the refiners on December 31st, included 428,935,629 gallons of motor and aviation gasoline and 211,050 gallons of imported casinghead gasoline.

Imports of gasoline, including casinghead, amounted to 204,980,812 gallons during 1956 while exports, including re-exports totalled 27,191,522 gallons. Sales, as reported to the Bureau, amounted to 3,178,065,000 gallons, 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 4,347,046,857 gallons, of which 4,106,441,502 gallons were made for sale and 240,605,355 gallons for use as fuel in the producing plants. Imports amounted to 894,533,653 gallons and exports, including re-exports, totalled 62,598,922 gallons. Producers' stocks of all fuel oils increased by 241,827,880 gallons to 1,010,642,652 gallons 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 4,501,474,750 gallons in 1956.

Employment in the refining industry totalled 13,489 people who received \$64,519,793 in salaries and wages. Expenditures for fuel and electricity amounted to \$42,695,192 and \$752,575,866 were paid out for crude oil and other processing materials.

(b) Manufacture of Lubricating Oils and Greases, (other than in refineries), 1956

Thirteen factories were occupied chiefly in compounding lubricating oils and greases in Canada during 1956. Seven of these plants were located in Ontario, 3 in Quebec, 2 in Manitoba and 1 in Saskatchewan. They gave work to a total of 295 people who were paid \$1,131,515 in salaries and wages. Purchases of processing materials and containers cost \$10,470,114. Included in the year's output

were lubricating oils at \$14,477,969, lubricating greases at \$2,223,594 and soaps and soap powders at \$4,944. Total Canadian output of lubricating oils and grease, including production from the refineries, amounted to 93,680,492 gallons in 1956. Sales of lubricating oils, as reported by principal dealers, amounted to 96,395,390 gallons while sales of lubricating greases totalled 11,353,300 gallons.

(c) Absorption Gasoline Plants, 1956

Seven plants, all in Alberta, operated in this group in 1956. Value of shipments amounted to \$8,407,715. Output included 27,763,022 M. cubic feet of dry gas valued at \$2,656,804; 30,952,799 gallons of natural gasoline at \$2,554,552; 44,224,579 gallons of liquefied petroleum gases at \$1,794,768 and 34,790 tons of sulphur at \$799,725. Employees numbered 141 persons who received \$690,330 in salaries and wages. Expenditures for fuel and electricity amounted to \$299,340 and raw gas and other materials used in processing cost \$3,329,277.

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 - 1956, and by Provinces, 1955 and 1956

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
	No.	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
1952	55	11,661	46,145,422	27,878,314	453,954,688	178,523,532	660,356,584
1953	55	11,858	48,574,772	28,171,294	507,214,040	159,603,271	694,983,605
1954	61	12,476	52,316,208	31,215,380	568,541,677	309,795,241	909,252,514
1955							
Quebec	8	2,621	11,727,358	11,022,929	231,935,327	124,329,573	367,287,829
Ontario	14	5,456	23,840,217	10,335,019	183,614,354	111,638,401	305,587,774
Manitoba	4	559	2,202,272	1,220,706	25,303,618	13,711,135	40,235,459
Saskatchewan	10	1,194	4,941,003	3,135,006	51,666,324	29,567,048	84,368,378
Alberta	18	1,803	7,327,419	3,169,944	65,810,758	47,008,996	115,989,698
British Columbia	4	1,165	5,396,040	2,510,572	62,798,044	36,676,504	101,985,120
Nova Scotia	1	542	2,458,078	1,199,614	21,743,709	10,436,874	33,380,197
New Brunswick	1						
Northwest Territories..	1						
Canada.....	61	13,340	57,892,387	32,593,790	642,872,134	373,368,531	1,048,834,455
1956							
Quebec	8	2,803	13,632,244	15,523,181	272,981,751	150,408,254	438,753,511
Ontario	13	5,480	26,206,838	12,567,648	214,388,049	130,759,078	357,663,026
Manitoba	5	512	2,544,659	1,885,041	32,193,237	19,805,919	53,941,998
Saskatchewan	10	1,218	5,330,747	3,346,435	54,342,324	28,408,987	86,090,448
Alberta	17	2,041	9,280,495	3,981,838	76,445,714	51,877,453	132,334,611
British Columbia	5	1,307	6,507,873	3,344,487	72,415,680	47,475,305	123,235,472
Nova Scotia	1	564	2,838,782	2,478,594	43,608,502	15,692,817	61,779,913
New Brunswick	1						
Northwest Territories..	1						
Canada.....	61	13,925	66,341,638	43,127,224	766,375,257	444,427,813	1,253,798,979

¹ See footnotes to text and table 7.

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, 1955 and 1956

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
	No.	No.	\$	\$	\$	\$	\$
1955							
Petroleum refining	40	12,381	56,031,965	32,313,988	630,316,952	363,708,930	1,026,339,870
Lubricating oils and greases	13	285	1,069,308	129,152	9,885,133	5,100,182	15,294,207
Absorption gasoline....	8	174	791,114	150,650	2,670,049	4,289,529	7,200,378
Total	61	13,340	57,892,387	32,593,790	642,872,134	373,098,641	1,048,834,455
1956							
Petroleum refining	41	13,489	64,519,793	42,695,192	752,575,866	433,352,374	1,228,623,432
Lubricating oils and greases	13	295	1,131,515	132,692	10,470,114	6,325,947	16,767,832
Absorption gasoline....	7	141	690,330	299,340	3,329,277	4,749,492	8,407,715
Total	61	13,925	66,341,638	43,127,224	766,375,257	444,427,813	1,253,798,979

¹ See footnotes to text.

TABLE 3 Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
(a) By sub-groups				
Opening:				
Petroleum refining	31,014,808	17,372,611	92,114,948	140,502,367
Lubricating oils and greases	1,578,452	294,558	497,585	2,370,595
Absorption gasoline	3,000	93,574	87,900	184,474
Total	32,596,260	17,760,743	92,700,433	143,057,436
Closing:				
Petroleum refining	37,705,634	17,492,866	115,870,719	171,069,219
Lubricating oils and greases	1,653,618	306,593	646,471	2,606,682
Absorption gasoline	4,379	96,000	55,868	156,247
Total	39,363,631	17,895,459	116,573,058	173,832,148
(b) By provinces				
Opening:				
Quebec	8,764,358	4,186,153	31,932,432	44,882,943
Ontario	14,843,338	9,391,069	24,565,187	48,799,594
Manitoba	862,458	215,042	4,787,407	5,864,907
Saskatchewan	1,474,581	803,149	8,826,142	11,103,872
Alberta	1,613,509	1,531,103	10,076,664	13,221,276
British Columbia	4,209,512	983,036	8,638,948	13,831,496
Other provinces	828,504	651,191	3,873,653	5,353,348
Canada	32,596,260	17,760,743	92,700,433	143,057,436
Closing:				
Quebec	11,784,617	3,138,798	37,034,209	51,957,624
Ontario	18,356,979	9,120,604	6,878,780	64,356,363
Manitoba	1,054,679	195,339	6,096,921	7,346,939
Saskatchewan	1,746,415	616,415	10,260,984	12,623,814
Alberta	1,847,516	1,678,133	11,513,456	15,039,105
British Columbia	3,636,937	1,261,562	9,058,429	13,956,928
Other provinces	936,488	1,884,608	5,730,279	8,551,375
Canada	39,363,631	17,895,459	116,573,058	173,832,148

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, 1955 and 1956

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
	No.	No.	\$	\$	\$	\$
1955						
Individual ownership	2	13,340	57,892,387	32,593,790	642,872,134	1,048,834,455
Co-operatives	2					
Incorporated companies	57					
Total	61	13,340	57,892,387	32,593,790	642,872,134	1,048,834,455
1956						
Individual ownership	2	13,925	66,341,638	43,127,224	766,375,257	1,253,798,979
Co-operatives	1					
Incorporated companies	58					
Total	61	13,925	66,341,638	43,127,224	766,375,257	1,253,798,979

TABLE 5. Principal Statistics of the Petroleum Products Industry, Grouped According to Selling Value of Products, 1955 and 1956

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
	No.	No.	\$	\$	\$	\$
1955						
Under \$25,000	4	10	19,250	2,447	21,094	59,508
\$25,000 to \$49,999	2	45	191,527	24,935	203,178	375,596
\$50,000 to \$99,999	4					
\$100,000 to \$199,999	2	67	255,149	8,983	418,605	985,372
\$200,000 to \$499,999	2					
\$500,000 to \$999,999	5	100	341,046	106,829	2,823,733	3,548,574
\$1,000,000 to \$4,999,999	15	753	2,829,317	1,163,006	23,575,920	37,495,875
\$5,000,000 and over	27	10,094	43,767,903	31,287,590	615,829,604	1,006,369,530
Head offices	—	2,271	10,488,195	—	—	—
Total	61	13,340	57,892,387	32,593,790	642,872,134	1,048,834,455
1956						
Under \$10,000	1	13	29,715	5,533	43,976	94,432
\$10,000 to \$24,999	3					
\$25,000 to \$49,999	1	26	138,544	10,405	229,721	320,900
\$50,000 to \$99,999	3					
\$100,000 to \$199,999	1	28	88,441	21,701	344,212	671,725
\$200,000 to \$499,999	3					
\$500,000 to \$999,999	5	73	266,697	70,654	2,243,916	3,284,464
\$1,000,000 to \$4,999,999	15	797	3,295,917	1,423,531	23,476,263	36,919,165
\$5,000,000 and over	29	10,523	48,812,374	41,595,400	740,037,169	1,212,508,293
Head offices	—	2,465	13,709,950	—	—	—
Total	61	13,925	66,341,638	43,127,224	766,375,257	1,253,798,979

TABLE 6. Number and Total Capacity of Petroleum Refineries in Operation December 31, 1953-1956

Province	1953		1954		1955		1956	
	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	18,000	1	18,000	1	42,000
New Brunswick	1	300	1	300	1	300	1	300
Quebec	4	180,000	4	180,000	5	220,000	5	252,000
Ontario	5	119,500	6	146,000	6	148,850	6	163,950
Manitoba	4	20,500	4	20,500	3	28,000	3	30,200
Saskatchewan	8	53,800	9	66,000	9	66,800	9	62,000
Alberta	10	70,100	10	72,900	10	77,900	10	83,600
British Columbia	3	45,850	4	56,500	4	64,000	5	71,000
Northwest Territories	1	1,250	1	1,250	1	1,250	1	1,300
Canada	37	509,300	40	561,450	40	625,100	41	706,350

Note: 1 Barrel = 35 Imperial gallons.

TABLE 7. Principal Statistics of the Petroleum Refining Industry, 1952-1956

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 ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
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
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

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, 1955 and 1956

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
	No.	No.	\$	\$	\$	\$	\$
1955							
Quebec	5	2,556	11,520,089	10,986,375	228,984,641	122,271,084	362,242,100
Ontario	6	5,273	23,113,815	10,262,029	178,073,195	109,085,042	297,420,266
Manitoba	3	530	2,103,792	1,210,827	23,973,478	13,061,331	38,245,636
Saskatchewan	9	1,186	4,903,846	3,125,277	51,603,176	29,548,778	84,277,231
Alberta	10	1,629	6,536,305	3,019,294	63,140,709	42,629,317	108,789,320
British Columbia	4	1,165	5,396,040	2,510,572	62,798,044	36,676,504	101,985,120
Other provinces ¹	3	542	2,458,078	1,199,614	21,743,709	10,436,874	33,380,197
Canada	40	12,881	56,031,965	32,313,988	630,316,952	363,708,930	1,026,339,870
1956							
Quebec	5	2,718	13,388,834	15,481,952	269,199,664	148,214,319	432,895,935
Ontario	6	5,299	25,433,471	12,488,169	208,544,028	127,290,515	348,322,712
Manitoba	3	490	2,459,921	1,876,945	31,458,833	19,162,953	52,498,731
Saskatchewan	9	1,211	5,300,747	3,342,547	54,232,722	28,388,504	85,963,773
Alberta	10	1,900	8,590,165	3,682,498	73,116,437	47,127,961	123,926,896
British Columbia	5	1,307	6,507,873	3,344,487	72,415,680	47,475,305	123,235,472
Other provinces ¹	3	564	2,838,782	2,478,594	43,608,502	15,692,817	61,779,913
Canada	41	13,489	64,519,793	42,695,192	752,575,866	433,352,374	1,228,623,432

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

TABLE 9. Products Made in Petroleum Refineries, 1955 and 1956

Product	1955		1956	
	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.	25,749,564	9,991,234	26,558,577	9,820,595
Motor gasoline..... " "	2,682,476,703	491,185,657	3,003,538,314	548,717,479
Naphtha specialties..... " "	30,817,670	7,094,578	24,173,777	5,097,975
Tractor fuel..... " "	5,724,067	891,959	13,835,652	1,784,227
Aviation turbine fuel..... " "	92,081,305	14,439,362	140,455,606	22,052,192
Kerosene and stove oil (No. 1 fuel oil).. " "	381,524,006	63,599,895	390,943,799	64,840,300
Diesel fuel..... " "	538,917,020	77,176,759	738,560,708	106,582,678
Light fuel oils (Nos. 2 and 3)..... " "	1,006,563,766	148,083,631	1,347,892,813	195,624,740
Heavy fuel oils (Nos. 4, 5 and 6)..... " "	1,191,240,041	92,208,844	1,474,752,924	126,282,629
Lubricating oil..... " "	53,922,043	34,383,321	74,045,604	50,667,028
Lubricating grease..... pound	27,972,851	2,463,637		
Asphalt..... Imp. gal.	252,064,449	29,152,316	295,449,145	35,774,769
Petroleum coke..... ton	154,012	1,457,915	155,997	1,887,778
Liquefied petroleum gases..... Imp. gal.	64,769,149	6,933,381	85,924,616	9,452,130
Other products ¹ -	-	17,330,206	-	10,983,021
Total - made for sale -	-	996,392,695	-	1,189,567,541
Made for own use:				
Gasoline..... Imp. gal.	1,115,877	226,472	1,104,861	220,417
Naphtha specialties..... " "	129,477	28,422	114,204	24,725
Kerosene and stove oil (No. 1 fuel oil).. " "	24,659	4,367	37,154	6,562
Diesel fuel..... " "	256,026	38,399	398,665	65,315
Light fuel oils (Nos. 2 and 3)..... " "	3,956,357	268,825	431,602	54,941
Heavy fuel oils (Nos. 4, 5 and 6)..... " "	205,372,545	15,747,366	239,737,934	19,336,959
Lubricating oil..... " "	70,334	40,027	77,503	59,476
Asphalt..... " "	1,183,388	133,234	307,177	33,480
Petroleum coke..... ton	115,887	916,175	114,908	1,211,899
Still gas..... M cu. ft.	21,868,572	10,547,842	27,385,474	14,413,202
Other products..... -	-	1,996,046	-	3,628,915
Total - made for own use -	-	29,947,175	-	39,055,891
Grand total -	-	1,026,339,870	-	1,228,623,432

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, 1955 and 1956

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Crude oil in its natural state, from Canadian wells Imp. gal.	3, 771, 206, 395	320, 227, 172	4, 371, 903, 341	370, 037, 273
Absorption gasoline, etc., from Canadian wells (run to stills) Imp. gal.	20, 565, 024	1, 813, 072	23, 290, 371	2, 077, 107
Crude oil, in its natural state, imported, (run to stills):				
From United States Imp. gal.	231, 469, 245	23, 144, 479	221, 878, 895	22, 116, 014
From South America " "	2, 367, 268, 893	208, 009, 932	2, 759, 477, 933	240, 552, 772
From other countries " "	431, 826, 500	36, 271, 833	719, 482, 190	56, 917, 694
Crude oil, not in its natural state (run to stills) " "	4, 631, 643	403, 636	—	—
Blending stocks for gasoline:				
Benzol Imp. gal.	1, 983, 196	869, 573	—	—
Alkylate and cumene " "	9, 181, 660	2, 777, 707	48, 785, 941	9, 059, 647
Phenol pound	376, 182	72, 200	1, 131, 984	191, 406
Sulphuric acid, 100% "	13, 109, 049	245, 666	22, 060, 346	388, 100
Ammonia, anhydrous "	378, 266	73, 043	488, 886	82, 879
Sulphur "	508, 863	20, 836	450, 748	17, 233
Caustic soda "	17, 726, 941	664, 635	19, 340, 677	752, 400
Soda ash "	1, 620, 535	52, 539	1, 512, 851	50, 684
Litharge "	460, 884	81, 810	241, 291	44, 971
Fuller's earth, bentonite and other clays "	13, 990, 000	573, 118	12, 990, 000	544, 276
Tetraethyl fluid c.c.	7, 298, 248, 856	12, 977, 103	7, 731, 598, 819	13, 774, 095
Dyes for gasoline —	—	95, 632	—	86, 111
Inhibitor —	—	493, 202	—	453, 529
Other materials —	—	18, 278, 470	—	28, 667, 355
Shipping containers —	—	3, 171, 294	—	6, 762, 320
Total	—	630, 316, 952	—	752, 575, 866

TABLE 11. Employees and Their Earnings in Petroleum Refineries, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1955								
Quebec	631	89	1, 829	7	2, 556	3, 483, 185	8, 036, 904	11, 520, 089
Ontario	1, 846	711	2, 683	33	5, 273	12, 170, 306	10, 943, 509	23, 113, 815
Manitoba	153	130	247	—	530	931, 390	1, 172, 402	2, 103, 792
Saskatchewan	316	87	782	1	1, 186	1, 716, 405	3, 187, 441	4, 903, 846
Alberta	498	110	1, 017	4	1, 629	2, 350, 981	4, 185, 324	6, 536, 305
British Columbia	390	85	690	—	1, 165	2, 341, 296	3, 054, 744	5, 396, 040
Other Provinces	82	21	428	11	542	573, 768	1, 884, 310	2, 458, 078
Canada	3, 916	1, 233	7, 676	56	12, 881	23, 567, 331	32, 464, 634	56, 031, 965
1956								
Quebec	688	100	1, 922	8	2, 718	4, 404, 787	8, 984, 047	13, 388, 834
Ontario	2, 018	762	2, 485	34	5, 299	14, 863, 646	10, 569, 825	25, 433, 471
Manitoba	163	49	278	—	490	1, 132, 472	1, 327, 449	2, 459, 921
Saskatchewan	303	76	831	1	1, 211	1, 755, 648	3, 545, 099	5, 300, 747
Alberta	550	146	1, 200	4	1, 900	3, 630, 124	4, 960, 041	8, 590, 165
British Columbia	423	91	793	—	1, 307	2, 860, 030	3, 647, 843	6, 507, 873
Other Provinces	104	24	423	13	564	798, 408	2, 040, 374	2, 838, 782
Canada	4, 249	1, 248	7, 932	60	13, 489	29, 445, 115	35, 074, 678	64, 519, 793

TABLE 12. Production Workers in Petroleum Refineries, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	Number					
January.....	7,370	44	7,414	7,713	59	7,772
February.....	7,448	51	7,499	7,687	60	7,747
March.....	7,459	51	7,510	7,706	59	7,765
April.....	7,527	55	7,582	7,876	60	7,936
May.....	7,694	55	7,749	8,099	62	8,161
June.....	7,786	56	7,842	8,244	64	8,308
July.....	7,813	56	7,869	8,291	64	8,355
August.....	7,862	60	7,922	8,207	62	8,269
September.....	7,813	56	7,869	7,945	62	8,007
October.....	7,773	61	7,834	7,857	61	7,918
November.....	7,761	61	7,822	7,829	60	7,889
December.....	7,811	62	7,873	7,743	58	7,801
Average.....	7,676	56	7,732	7,932	60	7,992

TABLE 13. Capital and Repair Expenditures in the Petroleum Refining and Lubricating Oils Industry, 1952-1956

Year	Capital Expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1952.....	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.....	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 ¹	77,447	11,855	89,302	17,012	6,427	23,439	112,741

¹ Preliminary.

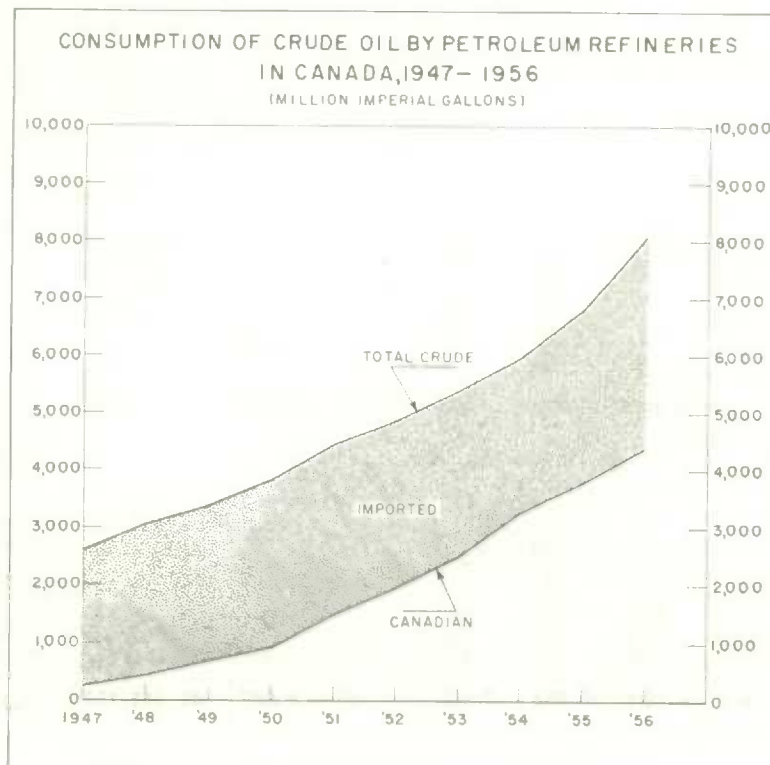


TABLE 14. Consumption of Crude Oil in Petroleum Refineries, Showing Canadian and Imported Separately, 1947-1956

Year	Canadian ¹	Imported ²	Total
		Imperial gallons	
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	2,396,594,489	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

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, 1956 (These items not included in previous tables)

Imported natural casinghead gasoline received at the refinery during the year	Imp. gal.	6,013,175
	\$	1,202,635
Imported natural casinghead gasoline used for blending during year	Imp. gal.	5,884,655
Total stocks of imported natural casinghead gasoline at the end of the year	" "	211,050

TABLE 16. Stocks on Hand at the Refineries at the End of 1956

	Stocks on hand at refineries on December 31, 1956	Increase or decrease compared with December 31, 1955
	Imperial gallons	
Crude oil and naphtha, in its natural state, from Canadian wells	180,532,840	+ 42,665,327
Absorption gasoline, etc., from Canadian wells	477,725	- 514,859
Crude oil, imported:		
In its natural state	114,316,596	- 11,533,067
Not in its natural state	247,707	- 7,729
Total crude	295,574,868	+ 30,609,672
Naphtha specialties	6,558,107	+ 512,674
Aviation gasoline	15,218,048	- 1,659,649
Motor gasoline	413,717,581	+130,521,019
Tractor fuel	7,289,547	+ 2,251,019
Aviation turbine fuel	12,271,091	- 9,411,788
Kerosene and stove oil (No. 1 fuel oil)	78,166,102	+ 28,781,442
Diesel fuel	81,221,512	+ 24,225,358
Light fuel oils (Nos. 2 and 3)	233,942,920	+ 9,455,742
Heavy fuel oils (Nos. 4, 5 and 6)	138,765,315	+ 44,553,504
Lubricating oils	23,492,429	+ 12,598,059
Total refined	1,010,642,652	+241,827,880

TABLE 17. Fuel and Electricity Used¹ in the Petroleum Refining Industry, 1956

Kind	Quantity	Cost at works
		\$
Coke	ton 138,340	1,524,892
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 1,121,200	218,774
Kerosene	" " 24,917	2,980
Fuel oil	" " 240,135,316	17,506,228
Gas (a) Liquefied petroleum gases	" " 7,316,791	650,147
(b) Other manufactured gas	M cu. ft. 27,009,296	14,355,896
(c) Natural gas	" " 10,126,484	1,467,297
Other fuel	-	2,029,192
Electricity purchased	kwh. 726,769,137	4,939,786
Total	-	42,695,192

¹ Last collected in this detail in 1953.

TABLE 18. Production of Crude Petroleum, by Provinces, 1955 and 1956

Province	1955		1956	
	Barrels	\$	Barrels	\$
New Brunswick.....	12,548	17,567	16,628	23,279
Ontario.....	525,510	1,599,335	593,370	1,958,121
Manitoba.....	4,145,756	9,618,154	5,786,540	13,633,088
Saskatchewan.....	11,317,168	18,317,968	21,077,371	36,253,078
Alberta.....	113,035,046	274,901,232	143,909,641	353,629,158
British Columbia.....	—	—	148,454	302,375
Northwest Territories.....	404,219	1,185,780	449,409	762,773
Canada.....	129,440,247	305,640,036	171,981,413	406,561,872

TABLE 19. World Crude Oil Production, 1955-1957

	1955	1956	1957
	thousands of barrels daily		
North America:			
United States.....	6,752.0	7,146.2	7,178.7
Canada.....	354.6	471.2	508.5
Mexico.....	241.2	255.1	249.5
Total.....	7,347.8	7,872.5	7,936.7
South America:			
Venezuela.....	2,152.3	2,452.7	2,805.5
Colombia.....	107.6	120.4	121.7
Argentina.....	83.2	83.4	92.0
Trinidad.....	67.4	70.0	93.7
Peru.....	47.0	49.9	52.7
Ecuador.....	9.5	9.8	8.7
Chile.....	6.9	9.5	11.3
Brazil.....	5.8	10.9	25.4
Bolivia.....	7.7	8.8	9.8
Cuba.....	0.9	1.7	1.0
Total.....	2,488.3	2,817.1	3,221.8
Western Hemisphere.....	9,836.1	10,689.6	11,158.5
Europe and Africa:			
Austria.....	65.0	63.8	60.1
Germany.....	61.4	68.0	76.8
Netherlands.....	19.5	20.6	29.1
France.....	15.5	24.1	28.0
Yugoslavia.....	3.0	3.0	—
Algeria.....	1.2	0.7	0.3
French Morocco.....	2.2	2.0	1.6
Italy and Sicily.....	4.3	10.5	27.6
United Kingdom.....	1.2	1.3	1.7
Gabon.....	—	—	3.3
Total (excluding U.S.S.R. and satellites).....	173.3	194.0	228.5
U.S.S.R.:			
Romania.....	1,300.0	1,568.0	1,975.0
Hungary.....	150.0	223.0	219.2
Poland.....	24.0	35.0	14.3
Czechoslovakia.....	4.0	7.0	3.7
Albania.....	6.0	6.0	3.6
Czechoslovakia.....	2.5	3.0	3.9
Total.....	1,486.5	1,842.0	2,445.8
Total Europe and Africa.....	1,659.8	2,036.0	2,674.3
Near and Middle East:			
Kuwait.....	1,106.0	1,075.2	1,150.9
Saudi Arabia.....	964.1	985.3	990.2
Iran.....	682.0	641.8	413.9
Iran.....	322.7	547.5	714.7
Qatar.....	114.2	127.5	139.2
Egypt.....	31.7	36.6	42.1
Bahrain.....	30.0	30.0	31.7
Neutral zone.....	25.7	37.5	60.2
Turkey.....	3.2	5.9	5.8
Total.....	3,279.6	3,487.3	3,549.9

TABLE 19. World Crude Oil Production, 1955-1957 - Concluded

	1955	1956	1957
	thousands of barrels daily		
Far East and Oceania:			
Indonesia	239.5	254.1	315.4
British Borneo	106.5	119.4	120.5
Japan	6.1	6.1	6.2
India	6.9	6.2	9.1
New Guinea	9.6	—	6.3
Pakistan	5.6	5.7	6.0
Burma	4.0	4.9	8.9
China	2.5	—	30.8
Total	380.7	396.4	503.2
Eastern Hemisphere	5,320.1	5,919.7	6,737.4
World total	15,156.2	16,609.3	17,895.9

TABLE 20. Crude Oil Production by Principal Nations and Hemispheres, 1955-1957

	1955	1956	1957
	%	%	%
Principal Nations:			
United States	44.6	43.0	40.4
Venezuela	14.2	14.8	15.8
U.S.S.R.	8.6	9.4	13.2
Kuwait	7.3	6.5	6.5
Saudi Arabia	6.4	5.9	5.7
Iraq	4.5	3.8	2.3
Canada	2.3	2.8	2.9
Iran	2.1	3.3	4.0
Mexico	1.6	1.5	1.4
Indonesia	1.6	1.5	1.8
Romania	1.0	1.3	1.2
British Borneo	0.7	0.7	0.7
Western Hemisphere	64.9	64.4	62.7
North America	48.5	47.4	44.6
South America	16.4	16.9	18.1
Eastern Hemisphere	35.1	35.6	37.3
Middle East	21.6	23.2	20.0
Oceania and Far East	2.5	2.4	2.8
Europe (including U.S.S.R.)	11.0	12.2	14.5

Source: Data for Tables 19 and 20 were extracted from "World Petroleum", January, 1958.

Note: 1 barrel = 35 Imperial gallons.

TABLE 21. Refinery Production¹ of Gasoline, 1947-1956

Year	Motor gasoline	Aviation gasoline	Total
	Imperial gallons		
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	2,395,748,504	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

¹ Includes production made for own use.

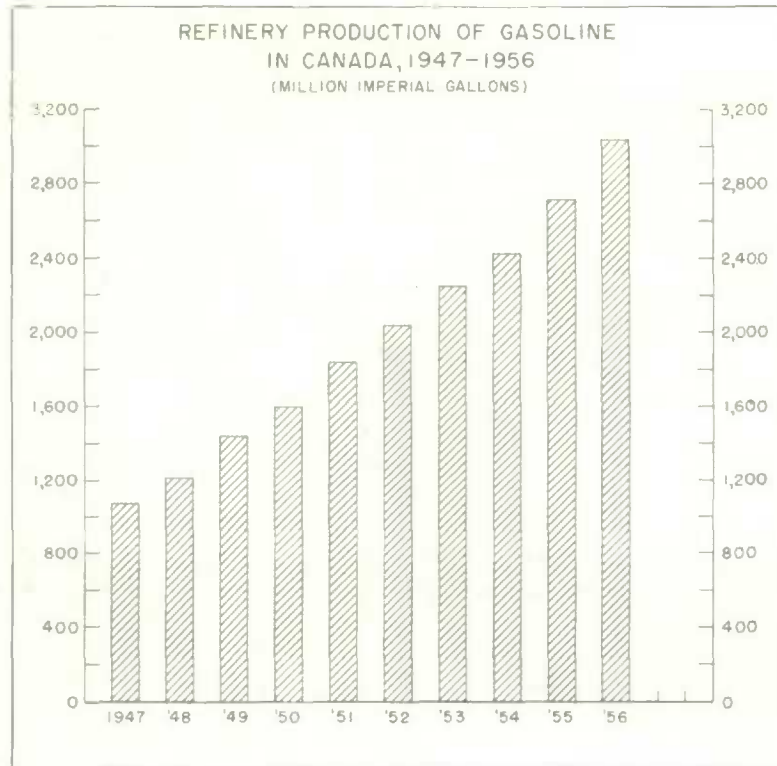


TABLE 22. Gross Sales¹ of Gasoline, by Provinces and Yukon Territory, 1953 - 1956

Province	1953	1954	1955	1956
thousands of imperial gallons				
Newfoundland	16,504 ²	18,819 ²	21,535 ²	24,242
Prince Edward Island	12,389	12,783	13,751	14,325
Nova Scotia	75,772	80,518	86,499	91,134
New Brunswick	77,108	78,066	75,077	81,178
Quebec	456,461	484,869	545,070	611,829
Ontario	928,516	991,397	1,099,962	1,198,569
Manitoba	159,554	162,578	188,284	200,314
Saskatchewan	250,699	244,371	262,202	269,662
Alberta	351,665	388,930	353,925	383,609
British Columbia	210,028	235,671	256,166	298,957
Yukon ³	-	-	-	4,246
Total gross sales	2,548,696	2,698,001	2,902,471	3,178,065

¹ Sold for internal combustion purposes.

² Gross sales of motor and tractor grades only.

³ First reported in January, 1956.

TABLE 23. Gross Sales¹ of Gasoline, by Months, 1953 - 1956

Month	1953	1954	1955	1956
thousands of imperial gallons				
January	150,402	161,055	175,649	198,476
February	140,817	159,662	167,455	193,647
March	161,338	187,855	188,801	214,178
April	183,905	190,847	203,618	216,651
May	236,105	241,443	276,328	303,191
June	246,949	256,068	292,990	306,176
July	267,328	281,683	288,915	318,234
August	261,985	272,842	317,743	328,676
September	259,592	255,410	292,208	295,979
October	248,482	248,218	259,611	310,277
November	200,698	232,672	227,760	256,198
December	191,095	210,246	211,393	236,382
Total	2,548,696	2,698,001	2,902,471	3,178,065

¹ Sold for internal combustion purposes.

TABLE 24. Gross Sales of Gasoline, by Months and by Provinces, and Yukon Territory, 1956, and Totals for 1955

Month	Newfoundland ¹	Prince Edward Island ¹	Nova Scotia ¹	New Brunswick ¹	Quebec	Ontario ¹
Thousands of Imperial gallons						
January	1,579	607	5,620	4,784	38,663	79,001
February	1,345	620	5,328	5,615	38,235	77,119
March	1,378	658	5,706	4,995	41,356	84,798
April	1,534	629	5,877	4,730	41,004	91,088
May	2,093	1,690	8,360	6,925	53,433	109,176
June	2,167	1,598	8,440	7,762	58,273	114,523
July	2,529	1,608	9,637	8,748	62,221	117,302
August	2,614	1,746	10,124	9,159	63,062	117,133
September	2,303	1,453	8,348	7,491	56,183	103,801
October	2,327	1,514	8,714	7,923	59,051	113,076
November	2,235	1,283	7,863	7,033	52,270	99,614
December	2,138	919	7,117	6,013	48,078	91,938
Totals for 1956	24,242	14,325	91,134	81,178	611,829	1,198,569
Totals for 1955	21,535	13,751	86,499	75,077	545,070	1,099,962
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total
Thousands of Imperial gallons						
January	11,546	10,786	25,059	20,604	227	198,476
February	10,599	9,460	23,739	21,321	267	193,648
March	12,366	13,273	26,333	22,924	391	214,178
April	11,788	12,897	23,200	23,570	334	216,651
May	21,179	32,193	39,766	28,099	277	303,191
June	20,277	32,504	35,635	24,603	394	306,176
July	20,140	29,698	36,446	29,403	503	318,235
August	21,885	33,563	37,950	31,030	409	328,675
September	21,152	31,796	38,100	25,037	314	295,978
October	21,583	30,480	39,837	25,308	464	310,277
November	14,189	17,179	29,870	24,324	338	256,198
December	13,610	15,833	27,674	22,734	328	236,382
Totals for 1956	200,314	269,662	383,609	298,957	4,246	3,178,065
Totals for 1955	188,284	262,202	353,925	256,166	²	2,902,471

¹ Gross sales of motor and tractor grades only.

² First reported in 1956.

TABLE 25. Net Sales¹ of Gasoline, by Provinces, and Yukon Territory, 1953-1956

Province	1953	1954	1955	1956
thousands of Imperial gallons				
Newfoundland	15,438	17,796	20,470	23,109
Prince Edward Island	8,582	9,135	9,955	10,367
Nova Scotia	63,467	67,488	72,633	76,909
New Brunswick	67,972	68,386	61,855	66,637
Quebec	411,418	434,581	492,225	552,503
Ontario	783,785	824,877	930,144	1,000,391
Manitoba	88,369	99,530	100,054	114,879
Saskatchewan	128,262	128,116	134,343	143,446
Alberta	175,150	184,509	202,489	222,042
British Columbia	160,072	186,584	202,811	244,062
Yukon Territory	²	²	²	2,643
Canada	1,902,515	2,021,022	2,226,979	2,456,988

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, 1953-1956

Province	1953	1954	1955	1956
	\$	\$	\$	\$
Newfoundland	2,137,582	2,598,547	3,362,266	3,894,083
Prince Edward Island	1,202,210	1,300,186	1,372,384	1,425,452
Nova Scotia	9,555,028	10,314,084	12,381,334	12,879,383
New Brunswick	7,337,787	8,780,183	9,922,358	10,670,712
Quebec	56,589,501	59,702,807	67,970,367	78,026,440
Ontario	86,238,934	92,657,841	103,789,054	112,940,735
Manitoba	8,279,262	8,984,172	9,315,394	12,178,334
Saskatchewan	14,087,699	14,470,247	14,662,983	16,221,617
Alberta	17,315,100	18,576,963	20,256,251	22,256,815
British Columbia	16,936,040	18,107,275	21,118,484	23,967,910
Yukon and Northwest Territories	196,952	209,900	256,942	332,392
Total receipts	219,876,095	235,702,205	264,407,817	294,793,873

TABLE 27. Revenues from Motor Vehicle Registrations and Gasoline Taxes, 1947-1956

Year	From motor vehicle registrations	From gasoline taxes	Year	From motor vehicle registrations	From gasoline taxes
	\$	\$		\$	\$
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
1950	67,185,528	155,146,585	1955	113,519,484	264,407,817
1951	73,707,694	178,505,307	1956	127,730,042	294,793,873

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.

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

TABLE 28. Registrations of Motor Vehicles, by Provinces, 1953-1956

Province	1953	1954	1955	1956
	number			
Newfoundland	29,576	34,423	39,766	45,768
Prince Edward Island	20,286	20,848	22,145	20,779
Nova Scotia	129,564	133,087	149,841	151,764
New Brunswick	93,914	99,058	106,648	110,963
Quebec	617,855	674,114	743,682	824,908
Ontario	1,406,119	1,489,980	1,617,853	1,710,240
Manitoba	203,652	210,471	222,474	238,021
Saskatchewan	257,504	267,373	274,950	291,053
Alberta	318,812	338,541	356,839	381,153
British Columbia	348,830	371,711	409,343	450,547
Yukon and Northwest Territories	4,560	4,983	5,111	5,451
Canada	3,430,672	3,644,589	3,948,652	4,230,647

TABLE 29. Registrations of Motor Vehicles, by Types, 1956

Province	Passenger cars	Motor trucks	Motor busses	Motor-cycles	Truck tractors	Other motor vehicles	Total
	number						
Newfoundland	32,555	12,201	157	298	128	429	45,768
Prince Edward Island	14,163	6,457	11	148	¹	—	20,779
Nova Scotia	111,141	37,991	756	1,172	704	¹	151,764
New Brunswick	81,390	24,015	472	907	¹	4,179	110,963
Quebec	627,993	171,475	3,284	13,414	¹	8,742	824,908
Ontario	1,365,874	328,434	4,280	11,652	¹	¹	1,710,240
Manitoba	173,035	60,875	199	1,747	¹	2,165	238,021
Saskatchewan	179,986	107,900	125	651	2,391	—	291,053
Alberta	256,177	120,190	2,937	1,849	¹	¹	381,153
British Columbia	341,650	105,173	¹	3,724	¹	¹	450,547
Yukon and Northwest Territories	3,135	1,996	24 ²	18	89 ²	189 ³	5,451
Canada	3,187,099	976,707	12,245	35,580	3,312	15,704	4,230,647

¹ Included with trucks.² Figures not complete.³ Includes 139 Government "X" plates issued in the Yukon during the year. These may be transferred to new vehicles without notification given to registration authorities. Total number of vehicles with "X" plates in Yukon is not known.

TABLE 30. Petroleum Coke: Deliveries For Consumption, 1955 and 1956 (Used as fuel only— not as manufacturing materials)

Fuel for domestic and industrial heating	1955	1956
	tons	
Atlantic provinces	—	—
Quebec	15	—
Ontario	8,532	7,097
Manitoba	—	—
Saskatchewan	—	—
Alberta and Northwest Territories	—	—
British Columbia and Yukon	—	—
Total	8,547	7,097

TABLE 31. Principal Statistics of the Lubricating Oils and Greases Industry, 1952-1956

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
	No.	No.	\$	\$	\$	\$	\$
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
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

¹ See footnote to text.

TABLE 32. Principal Statistics of the Lubricating Oils and Greases Industry, by Provinces, 1955 and 1956

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	Value of factory shipments
	No.	No.	\$	\$	\$	\$	\$
1955							
Quebec	3	65	207,269	36,554	2,950,686	2,058,039	5,045,729
Ontario	8	220	862,839	92,598	6,934,447	3,042,143	10,248,478
Saskatchewan	1						
British Columbia	1						
Canada	13	285	1,069,308	129,152	9,885,133	5,279,922	15,294,207
1956							
Quebec	3	85	243,410	41,229	3,782,087	2,193,935	5,857,576
Ontario	7	210	888,105	91,463	6,688,027	4,132,012	10,910,256
Manitoba	2						
Saskatchewan	1						
Canada	13	295	1,131,515	132,692	10,470,114	6,325,947	16,767,832

¹ See footnote to text.

TABLE 33. Products Made in the Lubricating Oils and Greases Industry, 1955 and 1956

Product	1955		1956		
	Quantity	Value of factory shipments	Quantity	Value of factory shipments	
		\$		\$	
Greases, lubricating	pound	12,148,089	1,518,642	17,397,449	2,223,594
Oils, lubricating	gallon	17,317,332	13,488,691	17,817,640	14,477,969
Soap	—	—	6,523	—	4,944
All other products	—	—	280,351	—	61,325
Total	—	—	15,294,207	—	16,767,832

**TABLE 34. Deliveries of Petroleum Fuels for Consumption, Calendar Year 1956,
as Reported by Refiners and Distributors**

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	277, 012	2, 720, 363	1, 856, 739	516, 788
2	For electric light plants	541, 128	—	—	—
3	For industrial purposes, as fuel or material	2, 695, 858	9, 995, 624	8, 104, 450	921, 774
4	For tractors and other motor vehicles, as fuel	—	—	—	—
5	To railways	529, 380	148, 814	211, 648	416, 113
6	To ships for bunkering	1, 444, 578	3, 462, 036	1, 227, 729	—
7	For unspecified uses	27, 625	105, 649	452, 629	—
8	Total deliveries of fuel oils, all uses	5, 516, 581	16, 433, 486	11, 853, 195	1, 854, 675
	(b) Heavy and light furnace oils (Nos. 3 and 2):				
9	For heating homes and buildings and for lighting and cooking	3, 005, 078	10, 189, 833	19, 530, 848	2, 472, 525
10	To electric light plants	7, 183	494	610	—
11	For industrial purposes, as fuel or material	228, 576	940, 599	2, 047, 357	71, 556
12	For tractors and other motor vehicles, as fuel	—	31, 379	21, 013	12, 787
13	To railways	7, 507	57, 339	235, 847	15, 553
14	To ships and boats, as fuel	68	4, 965	12, 977	—
15	For unspecified uses	27, 018	59, 566	579, 309	3, 087
16	Total deliveries of furnace oils, all uses	3, 275, 430	11, 284, 175	22, 427, 961	2, 575, 508
	(c) Diesel fuel:				
17	For heating homes and buildings and for lighting and cooking	410, 098	81, 885	250, 029	142, 156
18	To electric light plants	16, 224	18, 982	2, 573	6, 661
19	For industrial purposes, as fuel or material	390, 068	359, 149	356, 434	195, 569
20	For tractors and other motor vehicles, as fuel	181, 299	952, 187	683, 694	184, 010
21	To railways	667, 011	1, 178, 393	1, 976, 902	188, 239
22	To ships and boats, as fuel	463, 355	613, 014	75, 860	—
23	For unspecified uses	111, 943	53, 154	562, 348	69, 837
24	Total deliveries of diesel fuel, all uses	2, 239, 998	3, 256, 764	3, 907, 840	786, 472
	(d) Stove oil (No. 1), tractor fuel, kerosene and illuminating oil:				
25	For heating homes and buildings and for lighting and cooking	2, 074, 028	4, 169, 128	3, 367, 743	87, 763
26	To railways	10, 765	17, 565	46, 879	8, 702
27	To electric light plants	—	—	230	—
28	For industrial purposes, as fuel or material	59, 577	144, 025	566, 556	39, 177
29	For tractors and other motor vehicles, as fuel	—	3, 286	1, 583	17, 165
30	For unspecified uses	15, 279	38, 633	207, 022	13, 048
31	Total deliveries of section (d), all uses	2, 159, 649	4, 372, 637	4, 190, 013	165, 855
	(e) Combined totals of sections (a) — (d):				
32	For heating homes and buildings and for lighting and cooking	5, 766, 216	17, 161, 209	25, 005, 359	3, 219, 232
33	To electric light plants	564, 535	19, 476	3, 413	6, 661
34	For industrial purposes, as fuel or material	3, 375, 079	11, 439, 397	11, 074, 797	1, 228, 076
35	For tractors and other motor vehicles, as fuel	181, 299	986, 852	706, 290	213, 962
36	To railways	1, 214, 663	1, 402, 111	2, 471, 276	628, 607
37	To ships and boats, as fuel	1, 908, 001	4, 080, 015	1, 316, 566	—
38	For unspecified uses	181, 865	258, 002	1, 801, 308	85, 972
39	Total deliveries of all liquid fuels, all uses ..	13, 191, 658	35, 347, 062	42, 379, 009	5, 382, 510
	(f) Petroleum coke:				
40	For domestic and industrial heating	—	—	7, 097	—
41	For industrial purposes, as material	—	311, 533	207, 670	26
42	Total deliveries of petroleum coke	—	311, 533	214, 767	26

Note: Above table does not include heavy and medium fuel oils (Nos. 6, 5 and 4) used under refinery boilers.

**TABLE 34. Deliveries of Petroleum Fuels for Consumption, Calendar Year, 1956
as Reported by Refiners and Distributors**

Saskatchewan	Alberta and Northwest Territories	British Columbia and Yukon	Canada		Canada		No.
			1956	Per cent of section total	1955	Per cent of section total	
barrels of 35 Imperial gallons							
495,989	16,646	965,182	6,848,719	13.4	6,625,152	14.2	1
1,168,876	—	24,400	1,734,404	3.4	1,555,511	3.3	2
271,834	211,880	3,640,210	25,842,630	50.7	23,435,190	50.0	3
—	—	—	—	—	2,256	—	4
1,714,756	3,703,537	745,563	7,469,811	14.6	6,506,758	13.9	5
21,563	44,577	1,948,193	8,148,676	16.0	7,638,963	16.3	6
484	208,346	120,164	915,897	1.9	1,032,171	2.3	7
3,673,502	4,184,986	7,443,712	50,960,137	100.0	46,796,001	100.0	8
2,351,645	688,595	2,674,506	40,913,030	89.3	34,429,426	88.2	9
—	—	—	8,237	—	6,141	—	10
59,756	84,886	250,511	3,683,241	8.0	3,365,187	8.5	11
3,591	18,220	—	84,990	.2	372,817	1.0	12
38,596	16,864	4,679	376,385	.8	132,935	.3	13
—	—	1,013	19,023	—	18,524	—	14
17,009	6,277	19,123	711,389	1.7	709,443	2.0	15
2,470,597	812,842	2,949,832	45,796,345	100.0	39,034,473	100.0	16
315,230	89,225	50,427	1,340,740	7.4	441,184	3.1	17
15,710	19,716	140,972	220,838	1.2	204,856	1.4	18
175,458	630,593	1,299,596	3,406,867	18.9	2,958,433	21.0	19
450,992	885,542	470,031	3,807,755	21.1	3,282,178	23.0	20
386,960	1,314,725	488,634	6,200,864	34.5	4,829,623	34.0	21
1,283	21,700	555,502	1,730,714	9.6	1,717,017	12.0	22
67,261	311,070	143,465	1,319,078	7.3	793,714	5.5	23
1,414,584	3,272,571	3,148,627	18,026,856	100.0	14,227,005	100.0	24
421,596	248,431	1,805,653	12,174,342	88.0	11,365,882	90.0	25
3,187	4,818	7,698	99,614	.7	65,114	—	26
134	337	—	701	—	2,186	—	27
26,677	16,998	168,731	1,021,741	7.4	511,190	4.0	28
25,087	14,966	25	62,112	.4	219,028	2.0	29
44,976	68,618	84,166	471,742	3.5	437,619	4.0	30
521,657	354,168	2,066,273	13,830,252	100.0	12,601,019	100.0	31
3,586,150	1,042,897	5,495,768	61,276,831	47.6	52,861,644	46.9	32
1,184,720	20,053	165,372	1,964,230	1.5	1,768,694	1.6	33
533,725	944,357	5,359,048	33,954,479	26.4	30,269,997	26.9	34
479,670	916,728	470,056	3,954,857	3.1	3,876,279	3.4	35
2,143,499	5,039,944	1,246,574	14,146,674	10.9	11,534,430	10.2	36
22,846	66,277	2,504,708	9,898,413	7.7	9,374,507	8.4	37
129,730	594,311	366,918	3,418,106	2.8	2,972,947	2.6	38
8,080,340	8,624,567	15,608,444	128,613,590	100.0	112,658,498	100.0	39
—	—	—	7,097	1.1	8,547	1.7	40
—	—	92,715	611,944	98.9	505,915	98.3	41
—	—	92,715	619,041	100.0	514,462	100.0	

TABLE 35. Materials Used in the Lubricating Oils and Greases Industry, 1955 and 1956

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Compounding stocks (oils, etc.) Imp. gal.	18,264,302	5,805,251	19,312,609	6,526,309
Tallow and grease lb.	60,894	9,305	813	95
All other materials..... -	-	1,775,148	-	2,497,924
Shipping containers -	-	2,295,429	-	1,535,786
Total	-	9,885,133	-	10,470,114

TABLE 36. Sales of Lubricating Oils, 1955 and 1956 (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			
1955				
Atlantic Provinces ¹	135,169	8,775	62,028	205,972
Quebec	331,817	12,947	218,087	562,851
Ontario	531,685	9,429	383,717	924,831
Manitoba	97,026	6,733	42,311	146,070
Saskatchewan	169,855	2,064	12,066	183,985
Alberta ²	211,932	9,697	60,162	281,791
British Columbia ³	160,019	5,475	77,138	242,632
Canada	1,637,503	55,120	855,509	2,548,132
1956				
Atlantic Provinces ¹	138,724	10,397	65,845	214,966
Quebec	408,099	14,434	247,158	669,691
Ontario	556,468	8,009	410,853	975,330
Manitoba	103,077	4,627	49,856	157,290
Saskatchewan	164,802	386	15,385	180,573
Alberta ²	215,402	5,046	69,500	289,948
British Columbia ³	184,658	5,883	75,815	266,356
Canada	1,771,230	48,782	934,142	2,754,154

¹ Includes Newfoundland, Prince Edward Island, Nova Scotia and New Brunswick² Includes North West Territories.³ Includes Yukon Territory.

TABLE 37. Sales of Lubricating Greases and Automotive Gear Oils by Type, 1955-1956
(as reported by principal dealers)

	Lubricating greases			Automotive gear oils
	Automotive	Industrial	Total	
	barrels of 35 Imperial gallons*			
1955				
Atlantic Provinces ¹	15,378	5,335	20,713	8,233
Quebec	30,807	16,332	47,139	24,321
Ontario	36,779	24,284	61,063	41,497
Manitoba	6,830	5,565	12,395	9,555
Saskatchewan	21,607	1,483	23,090	9,905
Alberta ²	14,126	5,391	19,517	17,605
British Columbia ³	6,179	4,929	11,108	10,040
Canada	131,706	63,319	195,025	121,156
1956				
Atlantic Provinces ¹	6,622	5,073	11,695	7,476
Quebec	21,357	21,067	42,424	32,864
Ontario	27,093	25,341	52,434	41,613
Manitoba	8,009	6,121	14,130	9,620
Saskatchewan	18,676	1,440	20,116	19,705
Alberta ²	13,670	6,067	19,737	22,353
British Columbia ³	8,911	5,529	14,440	15,773
Canada	104,338	70,638	174,976	149,404

* Includes greases at 10 pounds to a gallon.

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

² Includes North West Territories.

³ Includes Yukon Territory.

TABLE 38. Employees and Their Earnings in the Lubricating Oils and Greases Industry, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1955								
Ontario	46	13	124	—	183	259,766	466,636	726,402
Other provinces	22	8	70	2	102	99,227	243,679	342,906
Canada	68	21	194	2	285	358,993	710,315	1,069,308
1956								
Ontario	46	13	122	—	181	283,820	489,547	773,367
Other provinces	23	10	77	4	114	96,460	261,688	358,148
Canada	69	23	199	4	295	380,280	751,235	1,131,515

TABLE 39. Production Workers in the Lubricating Oils and Greases Industry, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	Number					
January	186	2	188	188	5	193
February	189	2	191	189	5	194
March	190	2	192	190	5	195
April	192	2	194	197	5	202
May	193	2	195	211	4	215
June	204	2	206	218	4	222
July	212	1	213	221	4	225
August	206	2	208	212	4	216
September	200	2	202	198	4	202
October	191	2	193	192	4	196
November	182	1	183	195	4	199
December	182	1	183	188	4	192
Average	194	2	196	199	4	203

TABLE 40. Fuel and Electricity Used¹ in the Lubricating Oils and Greases Industry, 1956

Kind	Quantity	Cost at works
		\$
Anthracite coal	ton 29	658
Lignite coal	" 328	4, 493
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 7, 906	2, 897
Kerosene	" " 3, 120	625
Fuel oil	" " 1, 156, 563	90, 896
Manufactured gas	M cu. ft. 443	540
Electricity purchased	kwh. 2, 343, 348	31, 830
Other fuel	-	753
Total	-	132, 692

¹ Last collected in this detail in 1953.**TABLE 41. Principal Statistics of the Absorption Gasoline Industry, 1952-1956**

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
	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
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

¹ See footnote to text.

TABLE 42. Products Made in the Absorption Gasoline Industry, 1955 and 1956

Product	1955		1956	
	Quantity	Selling value at works	Quantity	Value of shipments
		\$		\$
Dry gas ¹ M cu. ft.	24,317,569	2,102,084	27,763,022	2,656,804
Natural gasoline ² Imp. gal.	29,848,052	2,423,557	30,952,799	2,554,552
Liquefied petroleum gases (propane and butane) Imp. gal.	37,645,549	1,691,629	44,224,579	1,794,768
Sulphur ton	25,686	570,083	34,790	799,725
All other products —	—	413,025	—	601,866
Total —	—	7,200,378	—	8,407,715

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.

² See footnote to table 43.

TABLE 43. Production of Natural Gasoline in Alberta, 1952-1956

	1952	1953	1954	1955	1956
	barrels				
Production — by fields:					
Jumping Pound	19,582	33,706	56,190	56,798	57,817
Leduc-Woodbend	66,500	82,241	93,843	116,736	—
Turner Valley	487,000	486,421	508,613	545,313	536,154
Other fields	—	—	14,918	149,569	319,601
Total Alberta	573,082	602,368	673,564	868,416	913,572

Note: The figures shown for natural gasoline in tables 42 and 43 are covering the same product but are derived from two different surveys. The figures shown in table 42 are from the Census of Industry and those in table 43 are from the report by the Alberta Petroleum and Natural Gas Conservation Board.

TABLE 44. Production¹ and Imports of Liquefied Petroleum Gases, 1952-1956

Year	Production	Imports
	pounds	
1952	184,000,000	192,000,000
1953	264,000,000	263,000,000
1954	371,000,000	265,000,000
1955	527,000,000	222,000,000
1956	702,000,000	205,000,000

¹ From all industries.

TABLE 45. Employees and Their Earnings in Absorption Gasoline Plants, 1955 and 1956

Total employees		1955	1956
Supervisory and office employees:			
Male	No.	26	20
Female	"	7	—
Total	"	33	20
Production workers:			
Male	No.	141	121
Female	"	—	—
Total	"	141	121
Total employees	"	174	141
Salaries	\$	162,110	120,979
Wages	\$	629,004	569,351
Total salaries and wages	\$	791,114	690,330

TABLE 46. Production Workers in the Absorption Gasoline Industry, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	number					
January	146	—	146	129	—	129
February	135	—	135	128	—	128
March	135	—	135	126	—	126
April	139	—	139	121	—	121
May	135	—	135	121	—	121
June	155	—	155	121	—	121
July	146	—	146	121	—	121
August	143	—	143	122	—	122
September	140	—	140	121	—	121
October	140	—	140	117	—	117
November	142	—	142	115	—	115
December	145	—	145	115	—	115
Average	141	—	141	121	—	121

TABLE 47. Capital and Repair Expenditures by the Absorption Gasoline Plants, 1952-1956

Year	Capital expenditures			Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment	Sub-total	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	3,575	4,924	8,499	108	94	202	8,701
1955	2,550	304	2,854	186	132	318	3,172
1956 ¹	10,401	2,124	12,525	166	126	292	12,817

¹ Preliminary.

TABLE 48. Fuel and Electricity Used¹ by the Absorption Gasoline Plants, 1956

Kind	Quantity	Cost at works
		\$
Gasoline (including gasoline used in cars and trucks)	Imp gal. 4,485	1,839
Liquefied petroleum gases	" " 229,661	20,841
Natural gas	M cu. ft. 2,360,996	106,596
Electricity purchased	kwh. 10,597,108	112,030
Other fuel	—	58,034
Total	—	299,340

¹ Last collected in this detail in 1953.

TABLE 49. Imports of Petroleum, Asphalt, and Their Products, 1955 and 1956

Item	1955		1956	
	Quantity	Value	Quantity	Value
		\$		\$
Asphaltum or asphalt, solid or not	cwt. 575,836	756,359	647,535	930,666
Asphalt oil for paving	gal. 62,161	10,309	66,960	9,871
Oil, imported by miners or mining companies, for the concentration of ores or metals	gal. 237,026	301,717	189,163	280,511
Crude petroleum for refining, .8155 specific gravity (42.0 A.P.I.) or heavier at 60° Fah.	M gal. 3,033,732	229,479,786	3,726,439	270,881,006
Crude petroleum, n.o.p.	gal. 6,865	635	11,550	1,098
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. 3,997,349	298,973	5,996,977	408,689
Fuel oil, ex-warehoused, for ships' stores	" 1,707,577	78,024	—	—
Aviation gasoline	" 108,868,252	22,121,081	103,206,194	21,356,281
Kerosene, lighter than .8236 specific gravity at 60° Fah., n.o.p.	" 12,145,176	1,437,002	20,089,504	2,339,654
Engine distillate, .8017 specific gravity or heavier at 60° Fah.	" 83,425	11,661	67,486	9,533
Gasoline, lighter than .8236 specific gravity at 60° Fah.	" 94,157,324	12,930,013	94,712,672	13,278,319
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. 8,327,999	768,045	7,061,946	572,506
Lubricating oils, composed wholly or in part of petroleum and costing less than 25 cents per gallon	gal. 32,442,930	6,240,585	23,268,869	4,865,673
Lubricating oils, 25 cents and over	" 12,002,774	5,247,081	20,776,183	8,140,475
Oils, mineral, n.o.p.	" 1,539,377	1,451,660	1,692,181	1,520,417
Stove oil, No. 1 fuel oil	" 127,314,955	14,222,312	168,686,860	19,662,944
Light fuel oils, Nos. 2 and 3	" 319,497,097	32,600,124	262,552,800	28,745,957
Heavy fuel oils, Nos. 4, 5 and 6	" 364,898,427	22,041,062	375,758,770	25,454,534
Diesel fuel	" 81,611,284	8,812,113	67,378,233	7,729,511
Tractor fuel	—	—	—	—
Petroleum greases and lubricating greases, n.o.p.	lb. 18,709,142	1,939,918	18,225,566	2,098,418
Refined petroleum jellies and oils for toilet, medicinal, edible or similar purposes	—	669,470	—	674,491
Paraffin wax	lb. 42,655,909	2,659,343	42,956,237	2,890,954
Paraffin wax candles	" 271,697	86,986	312,683	100,896
Products of petroleum, n.o.p.	gal. 14,297,211	3,710,785	21,553,612	4,990,725
Liquefied petroleum gases	lb. 222,223,243	2,581,828	204,829,101	3,200,942
Naphtha, including solvent naphtha	gal. 15,719,849	3,111,709	15,712,626	3,265,014

TABLE 50. Exports of Petroleum and its Products, 1955 and 1956

Item	1955		1956	
	Quantity	Value	Quantity	Value
		\$		\$
Petroleum, crude gal.	519,189,000	36,253,134	1,501,783,000	103,923,155
Oil, coal and kerosene, refined "	5,745	1,429	31,914,470	4,028,334
Gasoline and naphtha "	12,733,657	1,898,420	27,033,680	3,842,826
Fuel oil "	18,011,565	1,540,484	30,531,293	2,763,510
Lubricating oil "	57,146	195,692	121,189	361,800
Oil, mineral, n.o.p. "	22,730	2,987	10,312	6,284
Wax, mineral cwt.	1,815	27,268	2,344	22,215

TABLE 51. Fuel and Electricity Used¹ in the Petroleum Products Industry, 1956

Kind	Quantity	Cost at works
		\$
Anthracite coal ton	29	658
Lignite coal "	328	4,493
Coke "	138,340	1,524,892
Gasoline (including gasoline used in cars and trucks) Imp gal.	1,133,591	223,510
Kerosene " "	28,037	3,605
Fuel oil " "	241,291,879	17,597,124
Gas (a) Liquefied petroleum gases " "	7,546,452	670,988
(b) Other manufactured gas M cu. ft.	27,009,739	14,356,436
(c) Natural gas " "	12,487,480	1,573,893
Other fuel -	-	2,087,979
Electricity purchased kwh.	739,709,593	5,083,646
Total -	-	43,127,224

¹ Last collected in this detail in 1953.

Directory of Operating Petroleum Refineries, 1956

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	42,000	S-C	Catalytic	13,500
New Brunswick:					
New Brunswick Oilfields Ltd.	Weldon	300	S	—	—
Quebec:					
British American Oil Co. Limited	Montreal East	50,000	S-C	Catalytic	22,000
Imperial Oil Limited	Montreal East	69,000	S-C	Thermal and Catalytic	20,000
McColl-Frontenac Oil Co. Limited	Montreal East	58,000	S-C	Thermal and Catalytic	34,000
Shell Oil Company of Canada Ltd.	Montreal East	55,000	S-C	Thermal and Catalytic	33,500
Canadian Petrofina Ltd.	Montreal East	20,000	S-C	Thermal and Catalytic	16,000
Ontario:					
British American Oil Co. Limited	Clarkson	21,500	S-C	Catalytic	11,600
Canadian Oil Companies Limited	Corunna	30,000	C	Catalytic	11,000
Husky Oil & Refining Ltd. (Riverlake Oils Division)	Fort William	3,450	S	—	—
Imperial Oil Limited	Sarnia	80,000	S-C	Thermal and Catalytic	27,300
Regent Refining (Canada) Limited	Port Credit	14,000	S-C	Thermal	4,000
Sun Oil Company Limited	Sarnia	15,000	S-C	Catalytic	11,000
Manitoba:					
Anglo-Canadian Oils Ltd.	Brandon	3,200	S-C	Thermal	1,375
Imperial Oil Limited	East St. Paul	15,000	S-C	Catalytic	4,600
North Star Oil Limited	St. Boniface	12,000	S-C	Thermal and Catalytic	5,177
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	16,000	S-C	Thermal and Catalytic	7,500
Imperial Oil Limited	Regina	22,500	S-C	Thermal and Catalytic	13,000
Husky Oil & Refining Ltd.	Moose Jaw	4,100	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	1,100	S	—	—
Alberta:					
British American Oil Co. Limited	Edmonton	8,500	S-C	Thermal and Catalytic	3,400
British American Oil Co. Limited	Calgary	7,500	S-C	Thermal	2,500
Anglo American Exploration Ltd.	Hartell	4,500	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	17,100
McColl-Frontenac Oil Co. Limited	Edmonton	12,000	S-C	Thermal and Catalytic	7,100
Excelsior Refineries Ltd.	Lloydminster	4,000	S-C	—	—
Husky Oil & Refining, Ltd.	Lloydminster	7,900	S	—	—
Wainwright Producers & Refiners Ltd.	Wainwright	4,000	S-C	—	—
Bonnyville Oil Refineries Ltd.	Bonnyville	1,000	S	—	—
British Columbia:					
Imperial Oil Limited	Ioco	25,000	S-C	Catalytic	7,650
Royalite Products Ltd.	Kamloops	5,000	C	Catalytic	1,400
Shell Oil Company of Canada Ltd.	Vancouver	18,500	S-C	Thermal and Catalytic	8,500
Standard Oil Company of British Columbia Ltd.	Burnaby	19,500	C	Catalytic	5,500
X-L Refineries, Ltd.	Dawson Creek	3,000	C	Thermal	1,200
Northwest Territories:					
Imperial Oil Limited	Norman Wells	1,300	S	—	—

Note: S — Skimming, C — Cracking.

717350

Directory of Plants Engaged in the Compounding of Lubricating Oils and Greases, 1956

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
Ontario:	
Campbell Lubricating Specialties, Ltd.	414 Eastern Ave., Toronto
The Kearns Co. of Canada	226 Weston Road, Toronto
McColl-Frontenac 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
Wynn Oil Co. of Canada, Ltd.	8 Ripley Ave., Toronto 3
Manitoba:	
McColl-Frontenac Oil Company Limited	813 Henry Ave., Winnipeg
Tide Water Associated Oil Company (Canada) Ltd.,	St. James
Saskatchewan:	
Western Oil Company Limited, The	860 Fairford St. W., Moose Jaw

List of Absorption Gasoline Plants, 1956

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	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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