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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
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CANADA CANADA

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MANUFACTURES OF THE NON-METALLIC MINERALS

THE PETROLEUM PRODUCTS INDUSTRY, 1933.

Output from the Petroleum Products Industry in 1933 was valued at \$70,268,265 including \$69,803,721 for petroleum refineries and \$464,544 for concerns engaged chiefly in the compounding of lubricating oils and greases. In 1932 the value of production was \$71,697,757, in 1931, \$76,158,644, and in 1930, \$91,787,205.

Table 1 - PRINCIPAL STATISTICS OF THE PETROLEUM PRODUCTS INDUSTRY IN CANADA,
1929 - 1933.

Years	Number of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works
		\$		\$	\$	\$
<u>Petroleum Refining -</u>						
1929	15	69,887,267	4,883	7,984,786	76,289,182	98,384,180
1930	15	69,077,982	5,030	8,003,357	71,307,879	90,809,711
1931	20	67,288,556	4,058	6,110,068	50,353,423	75,588,425
1932	24	68,882,376	4,058	5,897,811	52,029,471	71,360,324
1933	37	67,566,886	4,551	6,041,230	48,916,966	69,803,721
<u>Lubricating Oils and Greases -</u>						
1929	10	1,373,192	95	168,839	572,757	1,024,134
1930	13	1,256,399	104	186,773	492,550	977,494
1931	12	847,725	64	104,677	264,319	570,219
1932	7	593,484	58	82,870	207,916	337,433
1933	10	626,968	77	100,715	270,791	464,544
<u>TOTAL -</u>						
1929	25	71,260,459	4,978	8,153,625	76,861,939	99,408,314
1930	28	70,354,381	5,134	8,190,130	71,800,429	91,787,205
1931	32	68,156,281	4,122	6,214,745	50,617,742	76,158,644
1932	31	69,475,860	4,116	5,980,681	52,237,387	71,697,757
1933 -						
Quebec	8	21,376,753	1,086	1,417,605	11,379,487	19,680,984
Ontario	13	23,181,091	2,067	2,799,969	18,111,451	25,068,705
Saskatchewan	8	5,200,248	317	411,421	4,275,158	5,453,050
Alberta	9	5,976,357	336	411,834	4,408,298	5,157,676
British Columbia	4	5,827,371	390	552,604	5,679,291	7,588,622
Other provinces(x)	5	6,632,034	432	548,512	5,334,072	7,339,222
CANADA	47	68,193,854	4,628	6,141,945	49,187,757	70,268,265

(x) Includes data for 1 plant in Nova Scotia, 1 in New Brunswick, 2 in Manitoba and 1 in the North West Territories.

(a) THE PETROLEUM REFINING INDUSTRY

Thirty-seven refineries were in operation in Canada during 1933 as follows:- 9 in Alberta, 8 in Saskatchewan, 7 in Ontario, 5 in Quebec, 3 in British Columbia, 1 in Nova Scotia, 1 in New Brunswick and 1 in the North West Territories. Compared with 1932, reports were received from 5 additional refineries in Saskatchewan, 3 in Alberta, 3 in Ontario, 1 in Quebec, 1 in British Columbia and 1 in the North West Territories, while 1 small establishment in Manitoba went out of business leaving a net increase of 13 refineries for Canada. The directory appended to this report gives the names, locations and capacities of these refineries. Their total capacity was given at 149,775 barrels of crude oil per day.

Capital employed in the petroleum refining industry was reported at \$67,566,886 of which \$44,898,998 was the value placed on lands, buildings and equipment. The average number of employees in 1933 was 4,551 and payments to these workers in salaries and wages amounted to \$6,041,230. Materials used in refineries cost \$48,916,966 and products were valued at \$69,803,721.

In 1933, the oil refineries used 1,044,210,850 gallons of crude oil including 688,869,955 gallons from United States, 300,299,555 gallons from South America, 32,404,139 gallons from Canadian wells and 22,637,201 gallons from Trinidad and Russia.

Gasoline production totalled 422,936,793 gallons including 267,086,230 gallons straight run and 155,850,563 gallons by cracking. The Turner Valley naphtha and natural gasoline which was used in the refineries for blending purposes or charged to the stills are included in these figures but the imported casinghead gasoline used by the refineries is omitted as the import data show separate details for casinghead gasoline, part of which is used by the refiners and part by other distributors. The new absorption plant of the Royalite Oil Co. Ltd. in the Turner Valley field processed 21,029,000 M cubic feet of natural gas in 1933 to recover 183,559 barrels (6,424,565 gallons) of natural gasoline which was shipped to the Calgary refinery for blending with the refinery run. Oil wells in Alberta sold about 5,850,000 gallons of naphtha directly to consumers for use in tractors, etc.

Imports of gasoline including casinghead totalled 56,810,637 gallons while exports amounted to 4,050,640 gallons. Stocks of gasoline at the refineries increased by 12,520,346 gallons. The apparent consumption of gasoline as computed from production, imports, exports and refinery stocks (see Table 24) was 463,176,444 gallons. On the other hand, the gross sales in Canada for all purposes as compiled from gasoline tax returns for the various provinces was 484,323,513 gallons, (Table 26) or approximately 20 millions higher than the apparent consumption figure. This difference is due in part to the fact that the tax is originally collected on the Turner Valley naphtha which is sold at the wells to farmers and others for use in tractors, automobiles, etc. Also, in Alberta the gasoline tax is collected on certain engine distillates, etc., which are, however, not included in the gasoline production figures; in Alberta, the tax act, which is called "The Fuel Oil Tax Act" provides for a tax on "any derivative of petroleum or natural gas with a specific gravity of .8017 or under at a temperature of 60° Fahrenheit and includes benzol or benzol mixtures."

Fuel oil production totalled 338,465,105 gallons of which 55,884,197 gallons were used for fuel by the reporting refineries. Imports of fuel oil amounted to 70,168,321 gallons and exports were reported at 10,658,848 gallons. Refinery stocks of fuel oil were 8,194,946 gallons higher than at the end of 1932. Output of gas oils amounted to 91,848,987 gallons in 1933 and imports were reported at 60,331 gallons.

Kerosene production was shown at 49,028,329 gallons in 1933, imports amounted to 1,569,384 gallons and exports to 1,001,014 gallons. Refinery stocks increased 7,234,226 over 1932. The apparent consumption for 1933 was 42,362,473 gallons.

The Mines Branch, Department of Mines, Ottawa, in co-operation with the Dominion Fuel Board, has recently released a report on "Petroleum Fuels in Canada, 1930-1932" in which figures are given on deliveries for consumption of fuel oil, kerosene, gasoline and petroleum coke as reported by the distributors and importers. Certain of these data have been reprinted in Tables 33 and 34 of this bulletin.

Table 2 - NUMBER AND TOTAL CAPACITY OF PETROLEUM REFINERIES IN OPERATION IN CANADA, 1931 - 1933.

Provinces	1931		1932		1933	
	Num-ber	Capacity in barrels of crude per day	Num-ber	Capacity in barrels of crude per day	Num-ber	Capacity in barrels of crude per day
Nova Scotia	1	12,000	1	12,000	1	12,000
New Brunswick	1	100	1	100	1	100
Quebec	3	43,000	4	45,000	5	52,000
Ontario	4	36,500	4	36,400	7	38,675
Manitoba	2	1,500	3	1,900	2	1,900
Saskatchewan	1	7,000	3	7,900	8	9,400
Alberta	6	17,250	6	16,550	9	16,120
British Columbia	2	16,000	2	16,000	3	19,500
North West Territories ..	.	...	.	...	1	80
CANADA	20	133,350	24	135,850	37	149,775

Table 3 - CAPITAL EMPLOYED IN THE PETROLEUM REFINING INDUSTRY, 1932 and 1933.

Provinces	Present value of lands, buildings, machinery and equipment	Inventory value of materials on hand and stocks in process	Inventory value of finished products on hand	Operating capital (cash, bills receivable, etc.)	TOTAL
	\$	\$	\$	\$	\$
<u>1932</u>					
Quebec	12,929,435	3,625,741	2,560,734	198,665	19,314,575
Ontario	15,728,330	4,566,251	3,131,481	2,306,625	25,732,687
Alberta	3,779,883	784,767	2,211,199	448,662	7,224,511
Other provinces	10,558,793	2,749,524	2,922,705	379,581	16,610,603
CANADA	42,996,441	11,726,283	10,826,119	3,333,533	68,882,376
<u>1933</u>					
Quebec	15,473,564	2,848,774	2,939,045	23,801	21,285,184
Ontario	15,279,567	3,258,680	3,326,233	1,083,332	22,947,812
Saskatchewan ..	2,968,388	705,653	1,459,877	66,330	5,200,248
Alberta	3,363,031	1,076,282	1,233,397	303,647	5,976,357
British Columbia	3,729,037	632,478	972,804	190,932	5,525,251
Other provinces	4,085,411	1,506,660	919,337	120,626	6,632,034
CANADA	44,898,998	10,028,527	10,850,693	1,788,668	67,566,886

Table 4 - EMPLOYEES, SALARIES AND WAGES, 1932 and 1933.

Provinces	Average number of employees					Salaries and Wages		
	On salaries		On wages		TOTAL	Salaries	Wages	TOTAL
	Male	Female	Male	Female				
						\$	\$	\$
1932								
Quebec	74	11	786	..	871	225,709	1,067,629	1,293,338
Ontario	215	51	1,685	6	1,937	584,902	2,179,306	2,764,208
Alberta	51	5	235	1	292	140,844	300,009	440,853
Other provinces ..	134	15	809	..	958	334,047	1,065,365	1,399,412
CANADA	474	62	3,515	7	4,058	1,285,502	4,612,309	5,897,811
1933								
Quebec	106	9	952	2	1,069	224,769	1,167,409	1,392,178
Ontario	237	36	1,748	6	2,025	579,695	2,173,023	2,752,718
Saskatchewan	58	7	251	1	317	110,678	300,743	411,421
Alberta	59	8	266	3	336	122,943	288,891	411,834
British Columbia..	50	4	317	1	372	113,322	411,245	524,567
Other provinces ..	51	9	371	1	432	122,533	425,979	548,512
CANADA	561	73	3,903	14	4,551	1,273,940	4,767,290	6,041,230

Table 5 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1933.

Months	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Other Provinces	CANADA
January	762	1,661	217	212	300	308	3,460
February	731	1,674	223	206	299	304	3,437
March	790	1,691	225	215	311	309	3,541
April	885	1,670	252	218	305	309	3,639
May	981	1,682	249	227	316	312	3,767
June	1,039	1,761	266	236	317	373	3,992
July	1,075	1,747	267	292	331	382	4,094
August	1,082	1,826	274	336	323	392	4,233
September ...	1,052	1,841	263	354	337	431	4,278
October	1,038	1,836	265	330	344	452	4,265
November ...	1,011	1,822	256	296	326	439	4,150
December ...	1,013	1,806	255	293	304	435	4,106
AVERAGE ...	954	1,752	252	269	318	372	3,917

Table 6 - FUEL(x) AND ELECTRICITY USED, 1932 and 1933.

Kinds	Unit of measure	1932		1933	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal - Canadian ..	short ton	685	2,863	1,040	4,424
Imported ..	short ton	33,712	147,336	23,366	105,770
Coke, including petroleum coke	short ton	22,431	123,880	27,349	146,661
Fuel oil	Imp. gal.	54,594,832	1,762,597	57,381,601	1,694,544
Gas - Manufactured, including					
still gas	M cu.ft.	3,836,413	824,385	3,511,405	632,436
Natural	M cu.ft.	718,149	66,808	689,885	64,298
Other fuel	xxx	..	78,271	..	118,971
Electricity purchased	K.W.H.	40,028,365	332,508	47,907,292	363,615
TOTAL	xxx	..	3,338,648	..	3,130,719
Electricity generated for					
own use	K.W.H.	2,989,000	..	3,311,235	..

(x) Includes fuel oil, still gas, petroleum coke, etc., produced in the refineries and used by the producers for heating stills, buildings, etc., or for power purposes.

Table 7 - POWER EQUIPMENT, 1932 and 1933.

Kinds	1 9 3 2		1 9 3 3	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and turbines	394	13,748	413	14,591
Diesel engines .....	...	...	8	1,585
Gasoline, gas and oil engines (other than diesel)	9	1,588	1	3
Total Primary	403	15,336	422	16,179
Electric motors run by purchased power	754	16,229	885	18,918
TOTAL	1,157	31,565	1,307	35,097
Electric motors run by power generated with above primary units	73	1,902	74	1,977
Total Electric Motors	827	18,131	959	20,895
Boilers	111	26,879	128	29,118

Table 8 - MATERIALS USED IN PETROLEUM REFINERIES, 1932 and 1933.

Materials	Unit of measure	1 9 3 2		1 9 3 3	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Crude oil from Canadian wells (x)	Imp. gal.	37,340,321	3,233,136	32,404,139	2,774,379
Crude oil, imported (x)	Imp. gal.	892,773,734	45,494,788	1,011,806,711	42,565,519
Sulphuric acid (66° Bé)	lb.	26,653,976	266,403	24,057,138	239,016
Sulphur	lb.	62,244	2,425	67,730	2,464
Caustic soda	lb.	3,079,914	99,852	3,291,438	104,992
Soda ash	lb.	323,840	6,870	284,761	6,483
Litharge	lb.	588,499	27,415	364,934	23,536
Fullers' earth and clay	lb.	19,642,179	258,934	22,811,655	314,515
Compounding materials .. xx		...	424,729	...	372,020
Tetra ethyl fluid	xx)	...	403,615	...	1,451,453
Other materials	xx)	...	...	...	113,419
Shipping containers xx		...	1,806,304	...	949,170
TOTAL	xx	...	52,029,471	...	48,916,966

Fuel and gas oils made and used in pressure cracking process

Imp.gal.	358,554,877	...	367,304,273	...
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(x) Canadian crude includes the naphtha and natural gasoline from the Turner Valley field used in the refineries. Imported crude does not include casinghead gasoline used for blending purposes at the refineries.

Table 9 - MATERIALS USED, BY AREAS, 1933.

Materials	Unit of measure	MARITIMES AND QUEBEC		O N T A R I O		WESTERN PROVINCES	
		Quantity	Cost at works \$	Quantity	Cost at works \$	Quantity	Cost at works \$
Crude oil from Canadian wells	Imp. gal.	387,670	22,000	4,823,639	299,793	27,192,830	2,452,586
Crude oil, imported	Imp. gal.	432,844,291	15,046,975	328,873,387	15,871,124	250,089,033	11,647,420
Sulphuric acid (66° Bé) .	lb.	441,361	3,996	18,742,211	159,693	4,873,566	75,327
Sulphur	lb.	14,904	432	16,846	519	35,980	1,513
Caustic soda	lb.	1,364,957	36,799	927,429	27,635	999,052	40,558
Soda ash	lb.	11,631	233	73,100	1,342	200,030	4,908
Litharge	lb.	21,849	1,308	72,701	4,104	270,384	18,124
Fullers' earth and clay. lb.		4,847,050	77,773	16,821,845	221,798	1,142,760	14,944
Compounding materials ..	xx	...	...	...	351,252	...	20,768
Tetra ethyl fluid	xx	...	442,837	...	577,648	...	430,968
Other materials	xx	...	27,249	....	77,707	...	8,463
Shipping containers	xx	...	402,544	....	386,582	...	160,044
TOTAL	xx	...	16,062,146	...	17,979,197	...	14,875,623
Fuel and gas oils made and used in pressure cracking process	Imp. gal.	147,117,804	...	190,953,151	...	29,233,318	...

Table 10 - PRODUCTS MADE IN PETROLEUM REFINERIES, 1932 and 1933.

Products	Unit of measure	1932		1933	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Made for sale -					
Gasoline (a) straight run (x).....	Imp.gal.	207,750,871	23,148,720	267,010,338	25,933,516
(b) by cracking process	Imp.gal.	192,113,405	19,957,260	155,843,903	13,911,439
Fuel oil	Imp.gal.)	312,814,635	11,262,147	282,580,908	9,617,675
Gas oils	Imp.gal.)			91,390,183	4,712,675
V.M. & P. or solvent naphtha (engine distillate, etc.)	Imp.gal.	18,075,192	2,043,823	33,947,241	2,987,440
Kerosene	Imp.gal.	52,466,990	5,141,901	48,951,129	4,455,425
Lubricating oils	Imp.gal.	15,105,061	3,656,856	17,194,703	2,983,331
Grease	lb.	9,629,492	531,759	8,339,991	357,205
Asphalt	Imp.gal.	23,082,228	1,934,046	21,627,760	1,698,023
Petroleum coke	ton	53,787	293,755	54,646	322,379
Wax and candles	lb.	9,195,542	417,304	8,997,682	355,308
Other products	xx	...	176,402	...	4,350
Total for Sale	xx	...	68,563,973	...	67,338,766
Made for own use -					
Gasoline	Imp.gal.	72,402	7,472	82,552	7,683
Fuel oils (except for cracking)	Imp.gal.)	53,459,252	1,787,253	55,884,197	1,611,981
Gas oils	Imp.gal.)			458,804	25,981
V.M. & P. or solvent naphtha	Imp.gal.	106,435	9,985	71,914	5,611
Kerosene	Imp.gal.	58,067	5,406	77,200	6,188
Lubricating oils	Imp.gal.	38,842	9,380	54,957	8,731
Petroleum coke	ton	19,278	104,181	20,079	115,400
Still gas	M cu.ft.	3,836,413	824,386	3,505,405	631,116
Other products	xx	...	48,288	...	52,264
Total for Own Use	xx	...	2,796,351	...	2,464,955
GRAND TOTAL	xx	...	71,360,324	...	69,803,721
Fuel and gas oils made and used in pressure cracking process	Imp.gal.	355,368,388	...	364,389,832	...

(x) Includes Turner Valley naphtha and natural gasoline used by the refineries but does not include the imported casinghead gasoline which was used for blending at the refineries.

Table 11 - PRODUCTS MADE, BY AREAS, 1933.

Products	Unit of measure	MARITIMES AND QUEBEC		G N T A R I O		WESTERN PROVINCES	
		Quantity	Selling value \$	Quantity	Selling value \$	Quantity	Selling value \$
<u>Made for Sale -</u>							
Gasoline (a) straight run	Imp.gal.	110,009,289	9,524,557	89,389,465	7,790,466	67,611,584	8,618,493
(b) by cracking process	Imp.gal.	75,680,974	6,964,954	70,519,864	5,736,708	9,643,065	1,209,777
Fuel oil	Imp.gal.	130,699,999	4,105,842	35,005,141	1,550,593	116,875,768	3,961,240
Gas oils	Imp.gal.	37,648,712	2,104,864	37,690,753	1,867,030	16,050,718	740,781
V.M. & P. or solvent naphtha (engine distillate, etc.)	Imp.gal.	5,334,961	421,872	8,314,385	485,318	20,297,895	2,080,250
Kerosene	Imp.gal.	8,906,922	844,770	26,431,294	2,017,286	13,612,913	1,593,369
Lubricating oils	Imp.gal.	489,144	70,703	16,246,205	2,846,244	459,354	66,384
Grease	lb.	...	...	8,337,591	357,061	2,400	144
Asphalt	Imp.gal.	12,556,541	975,807	6,492,935	524,389	2,578,284	197,827
Petroleum coke	ton	333	1,413	49,653	275,621	4,660	45,345
Wax and candles	lb.	...	...	8,997,682	355,308	...	...
Other products	xx	...	...	...	...	...	4,350
Total for Sale	xx	...	25,014,782	...	23,806,024	...	18,517,960
<u>Made for Own Use -</u>							
Gasoline	Imp.gal.	25,244	2,209	39,828	3,141	17,480	2,333
Fuel oil (except for cracking)	Imp.gal.	26,150,378	761,255	20,389,399	561,929	9,344,420	288,797
Gas oils	Imp.gal.	287,575	18,087	169,779	7,848	1,450	-46
V.M. & P. or solvent naphtha	Imp.gal.	...	...	70,132	5,410	1,782	201
Kerosene	Imp.gal.	1,274	126	68,536	5,122	7,390	940
Lubricating oils	Imp.gal.	222	34	53,667	8,543	1,068	154
Petroleum coke	ton	1,835	11,078	12,948	69,065	5,296	35,257
Still gas	M cu.ft.	1,655,192	261,235	1,574,451	306,984	275,762	62,897
Other products	xx	...	719	...	50,911	...	634
Total for Own Use	xx	...	1,054,743	...	1,018,953	...	391,259
GRAND TOTAL	xx	...	26,069,525	...	24,824,977	...	18,909,219
Fuel and gas oils made and used in pressure cracking process							
	Imp.gal.	144,071,416	...	190,520,723	...	29,797,693	...

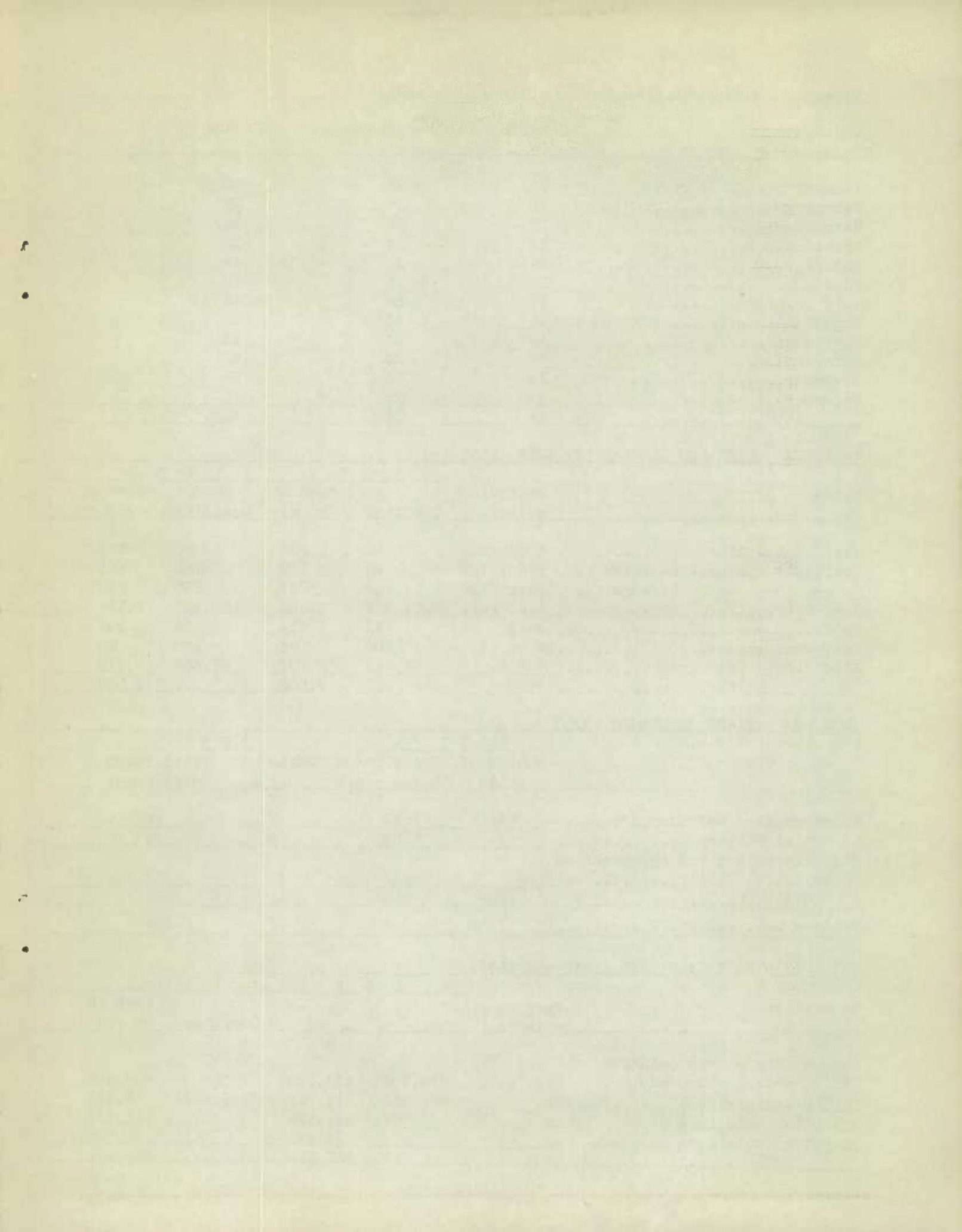


Table 18 - PRODUCTS MADE, 1932 and 1933.

Products	Unit of measure	1 9 3 2		1 9 3 3	
		Quantity	Selling value at plant \$	Quantity	Selling value at plant \$
Greases, lubricating	lb.	260,853	34,811	896,755	112,656
Oils, lubricating	gal.	462,888	242,196	576,560	311,767
Soaps and soap powders ...	lb.	290,955	29,092	310,996	30,386
All other products	xx	...	31,334	...	9,735
TOTAL	xx	...	337,433	...	464,544

Table 19 - IMPORTS INTO CANADA AND EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1933.

	Quantity	Value \$	
<u>IMPORTS -</u>			
<u>Asphalt and Its Products</u>			
Asphaltum or asphalt, solid	cwt.	89,238	106,586
Asphalt, not solid	xx	...	10,312
Asphaltum oil for paving purposes only	xx	...	1,458
<u>Crude Petroleum, Fuel and Gas Oils</u>			
Crude petroleum in the natural state, 0.7900 specific gravity or heavier at 60 degrees temperature, when imported by oil refiners to be refined in their own factories ..			
	gal.	954,392,366	20,290,580
Crude petroleum, gas oils other than naphtha, benzine and gasoline lighter than 0.8235 but not less than 0.775 specific gravity at 60 degrees			
	gal.	60,331	3,773
Petroleum (not including crude petroleum imported to be refined or illuminating or lubricating oils) 0.8235 specific gravity or heavier at 60 degrees temperature (fuel oil)			
	gal.	43,271,325	1,445,467
Oils imported by miners or mining companies or concerns, for use in the concentration of ores of metals in their own concentrating establishments			
	gal.	95,421	47,948
Petroleum, crude, not in its natural state, 0.7250 specific gravity or heavier at 60 degrees temperature when imported by oil refiners to be refined in their own factories			
	gal.	25,636,911	1,031,971
Fuel oil, ex-warehoused for ships' stores			
	gal.	26,896,996	723,863
<u>Kerosene and Illuminating Oils</u>			
Coal oil and kerosene, lighter than .8235 specific gravity at 60 degrees temperature, n.o.p.			
	gal.	1,569,384	116,657
Illuminating oils, composed wholly or in part of the products of petroleum, coal, shale or lignite, costing more than 30 cents per gallon			
	gal.	3,658	1,585
Engine distillate lighter than .8235 specific gravity at 60 degrees temperature			
	gal.	64,626	6,880

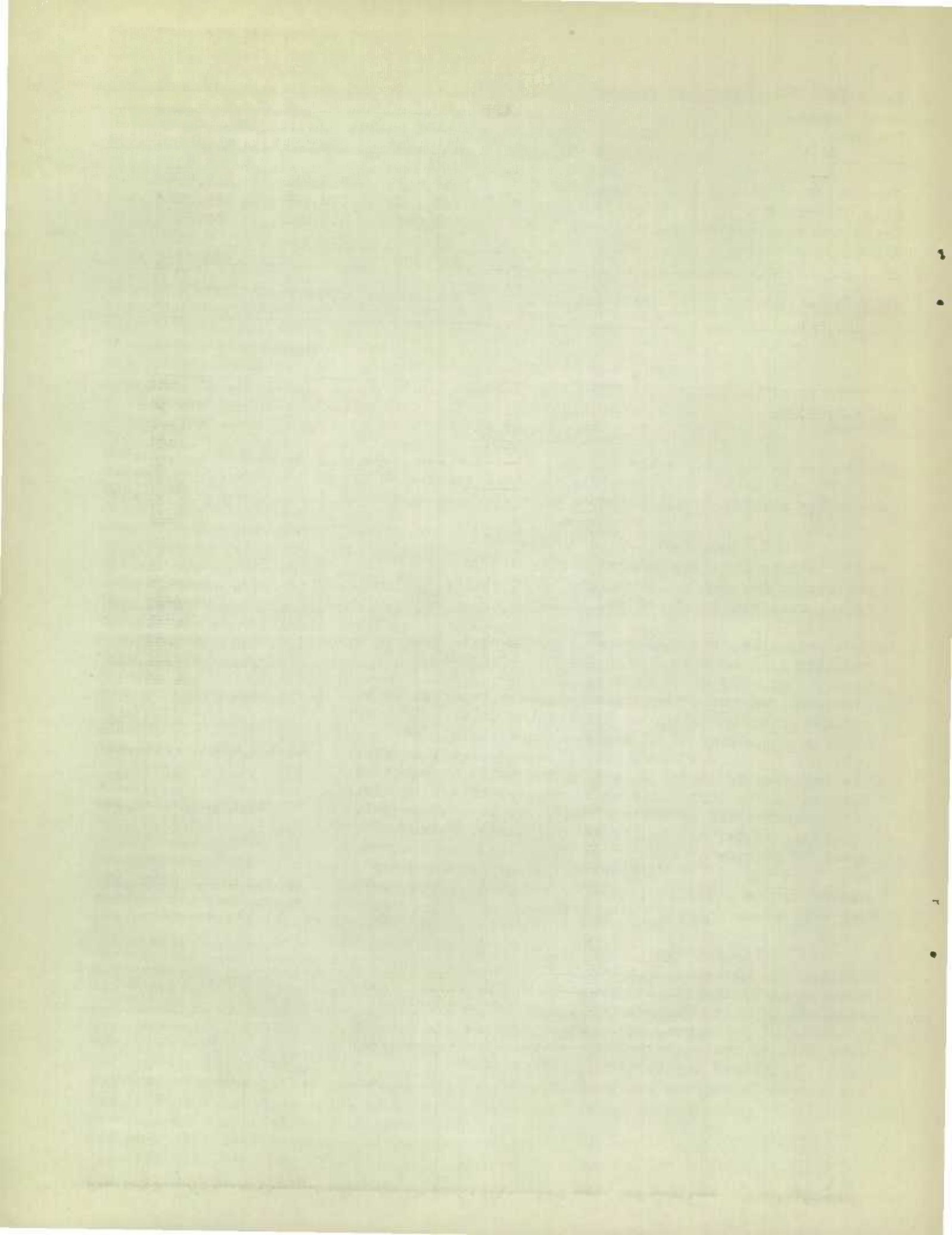


Table 20 CONSUMPTION OF CRUDE OIL(x) IN PETROLEUM REFINERIES IN CANADA, 1918-1933.

Years	Crude oil used Imp. gal.	Years	Crude oil used Imp. gal.
1918	261,742,274	1926	585,466,329
1919	301,006,553	1927	716,369,890
1920	295,576,527	1928	849,933,770
1921	373,469,418	1929	1,072,828,496
1922	394,139,055	1930	1,064,434,974
1923	408,810,739	1931	1,074,788,038
1924	467,144,634	1932	930,114,055
1925	445,115,694	1933	1,044,210,850

(x) Includes naphtha and natural gasoline from Turner Valley used by the refineries for blending or for charging to the stills.

Table 21 CONSUMPTION OF CRUDE OIL IN PETROLEUM REFINERIES SHOWING CANADIAN AND IMPORTED SEPARATELY, 1926-1933.

Years	(a) Canadian Imp.gal.	(b) Imported Imp.gal.	TOTAL Imp. gal.
1926	12,203,286	573,263,043	585,466,329
1927	15,632,271	700,737,619	716,369,890
1928	20,324,814	829,608,956	849,933,770
1929	37,338,402	1,035,490,094	1,072,828,496
1930	51,522,864	1,012,912,110	1,064,434,974
1931	49,668,529	1,025,119,509	1,074,788,038
1932	37,340,321	892,773,734	930,114,055
1933	32,404,139	1,011,806,711	1,044,210,850

(a) Includes crude naphtha and natural gasoline from the Turner Valley field used in refineries.

(b) Includes reduced crude chiefly from Trinidad and Russia.

Table 22 IMPORTS OF CRUDE PETROLEUM INTO CANADA, BY COUNTRIES OF ORIGIN, 1932 and 1933.

	1932 Imp. gal.	1933 Imp. gal.	1932 Imp. gal.	1933 Imp. gal.
Crude petroleum in its natural state, .7900 specific gravity or heavier at 60° temperature, when imported by oil refineries to be refined in their own factories -				
From - United States	670,373,533	19,404,913	689,257,020	14,517,628
Trinidad and Tobago	5,142,123	142,337	1,376,727	23,887
Columbia	68,766,319	2,709,510	90,490,908	2,488,455
Dutch West Indies .....	...	...	25,729,746	325,557
Peru	80,572,439	3,178,557	92,285,102	2,534,157
Venezuela	64,984,328	874,961	55,252,863	400,896
TOTAL	889,838,742	26,310,278	954,392,366	20,290,580

Table 22 - IMPORTS OF CRUDE PETROLEUM INTO CANADA, BY COUNTRIES OF ORIGIN, 1932 and 1933 (concluded)

	1932		1933	
	Imp. gal.	\$	Imp. gal.	\$
Crude petroleum not in its natural state, .7250 specific gravity or heavier at 60° temperature when imported by oil refiners to be refined in their own factories -				
From - United States	156,148	11,590	409,688	28,272
Trinidad and Tobago	12,596,901	706,603	19,262,310	751,546
Peru	1,351,595	53,320	...	...
Russia (U.S.S.R.)	5,956,503	249,972	5,964,913	252,153
TOTAL	20,061,147	1,021,485	25,636,911	1,031,971

Table 23 - PRODUCTION OF CRUDE PETROLEUM IN CANADA, 1932 and 1933.

Areas	1932		1933	
	Barrels	Value \$	Barrels	Value \$
NEW BRUNSWICK	6,408	14,332	8,835	18,111
ONTARIO -				
Petrolia and Enniskillen	58,871	110,390	57,298	106,527
Oil Springs	31,438	62,057	31,343	61,396
Moore Township	3,272	6,132	2,192	4,075
Sarnia Township	1,227	2,299	2,181	4,054
Plympton Township	274	513	211	392
Bothwell Township	19,460	36,467	22,935	42,633
West Dover	453	849	763	1,334
Onondaga	543	1,018	946	1,798
Mosa Township	8,429	15,795	8,168	15,183
Euphemia	496	929	511	799
Dunwich	285	534	346	643
Raleigh .....	...	...	239	444
Thamesville	534	1,001	847	1,574
Dawn	5,061	9,484	8,078	12,634
Total for Ontario	130,343	247,468	136,058	253,486
ALBERTA -				
Turner Valley	868,812	2,713,146)		
Red Coulee	33,256	34,228)	995,832	2,844,157
Wainwright	4,683	4,167)		
Total for Alberta	906,751	2,751,541	995,832	2,844,157
NORTH WEST TERRITORY	910	9,251	4,608	23,037
CANADA	1,044,412	3,022,592	1,145,333	3,138,791

NOTE - 1 barrel = 35 imperial gallons

Table 24 - APPARENT CONSUMPTION IN CANADA OF GASOLINE, FUEL OIL, KEROSENE AND LUBRICATING OILS, 1931, 1932 and 1933.

	Fuel Oils (a) Imp. gal.	Gas Oils Imp. gal.	(b) Gasoline Imp. gal.	Lubricating oils Imp. gal.	Kerosene Imp. gal.
<u>1931</u>					
Production	428,753,431		469,925,275	15,961,224	59,465,559
Plus imports	89,528,171		116,712,705	13,800,995	3,493,849
	518,281,602		586,637,980	29,762,219	42,959,408
Less exports and re- exports	16,277,182		5,519,225	...	505,606
	502,004,420		581,118,755	29,762,219	42,453,802
Plus decline in refinery stocks .....	...		...	...	4,089,825
	502,004,420		581,118,755	29,762,219	46,543,627
Less increase in refinery stocks	13,633,340		15,852,709	491,882	...
APPARENT CONSUMPTION ..	488,371,080		565,266,046	29,270,337	46,543,627
Stocks at refineries, December 31	61,941,557		71,486,846	3,818,813	6,867,025
<u>1932</u>					
Production	366,273,887		399,942,678	15,606,791	52,525,057
Plus imports	89,608,822		101,553,775	11,602,919	1,670,205
	455,882,709		501,496,453	27,209,710	54,195,262
Less exports and re- exports	7,297,332		4,214,352	...	888,773
	448,585,377		497,282,101	27,209,710	53,306,489
Plus decline in refinery stocks	11,780,779		7,949,752	...	1,228,096
	460,366,156		505,231,853	27,209,710	54,534,585
Less increase in refinery stocks .....	...		...	1,080,724	...
APPARENT CONSUMPTION ..	460,366,156		505,231,853	26,128,986	54,534,585
Stocks at refineries, December 31	50,160,778		63,537,094	4,899,537	5,638,929
<u>1933</u>					
Production	338,465,105	91,848,987	422,936,793	17,826,220	49,028,329
Plus imports	70,168,321	60,331	56,810,637	9,868,734	1,569,384
	408,633,426	91,909,318	479,747,430	27,694,954	50,597,713
Less exports and re- exports	10,658,848	...	4,050,640	...	1,001,014
	397,974,578	91,909,318	475,696,790	27,694,954	49,596,699
Plus decline in refinery stocks .....	...	...	...	12,862,539	...
	397,974,578	91,909,318	475,696,790	30,557,493	49,596,699
Less increase in refinery stocks	8,194,946	...	12,520,346	...	7,234,226
APPARENT CONSUMPTION ..	389,779,632	91,909,318	463,176,444	30,557,493	42,362,473
Stocks at refineries, December 31	58,501,177	Not available	76,194,784	2,036,998	12,885,559

(a) Import figures for fuel oil include amounts brought in "ex-warehoused for ships' stores." This item covers fuel oil imported in bond for use in fueling vessels at Canadian ports and, as there is no corresponding export item, such quantities should really be omitted when compiling figures of Canadian consumption. In 1931, the amount under this item was 35,900,828 gallons, in 1932 it was 32,008,998 gallons, and in 1933, 26,896,396 gallons.

(b) Production figures for gasoline do not include engine distillate, etc., which may be used as auto or tractor fuel; nor do they include the Turner Valley naphtha sold to consumers at the wells. These gallonages are, however, probably included in the gross sales of gasoline as computed from taxes paid to the Alberta government (See Table 26).

Table 25 - PRODUCTION OF GASOLINE IN CANADA, 1926 - 1933.

Years	Straight	By	TOTAL	Per cent of total made by cracking
	run	cracking		
	Imp. gal.	Imp. gal.	Imp. gal.	
1926	152,307,473	69,839,231	222,146,704	31
1927	184,818,378	73,731,346	258,549,724	29
1928	226,954,319	117,175,342	344,129,861	34
1929	303,973,918	132,646,696	436,620,614	30
1930	276,284,656	169,314,761	445,599,417	38
1931	278,215,832	191,632,502	469,925,375	41
1932	207,823,273	192,113,405	399,936,678	48
1933	267,066,250	155,850,563	422,936,793	37

Table 26 - GROSS SALES OF GASOLINE IN CANADA FOR ALL PURPOSES, BY PROVINCES, 1930-1933, AS REPORTED UNDER THE PROVINCIAL GASOLINE TAX ACTS

Provinces	1930	1931	1932	1933
	Imp. gal.	Imp. gal.	Imp. gal.	Imp. gal.
Prince Edward Island	2,817,052	3,021,691	2,692,351	2,511,791
Nova Scotia	19,367,349	21,189,937	19,021,209	18,634,875
New Brunswick	16,195,481	16,027,155	13,671,394	12,519,670
Quebec	88,849,323	97,608,511	91,128,040	87,077,819
Ontario	243,267,123	250,415,880	233,945,231	228,415,717
Manitoba	36,353,462	30,307,724	26,185,160	24,319,032
Saskatchewan	76,630,024	49,449,699	33,635,929	31,837,171
Alberta (x)	51,676,343	43,478,465	41,300,236	40,300,190
British Columbia	47,182,784	45,369,473	39,458,159	38,707,248
CANADA	582,338,941	556,868,535	501,037,709	484,323,513

(x) Alberta figures include "any petroleum derivatives whether from petroleum or from natural gas with a specific gravity of .8017 at 60 F." Thus some engine distillates, possibly some kerosene and the light crude naphtha sold at the wells would be included in the gross sales.

Table 27 - GROSS SALES OF GASOLINE IN CANADA FOR ALL PURPOSES, BY MONTHS, 1931 - 1933.

Months	1931	1932	1933
	Imp. gal.	Imp. gal.	Imp. gal.
January	28,117,601	25,198,893	27,306,401
February	25,832,846	26,742,284	22,354,776
March	26,310,957	26,695,250	26,191,402
April	39,186,167	35,165,374	30,508,366
May	56,205,217	47,013,144	42,936,608
June	55,612,977	50,996,451	49,011,250
July	67,242,171	51,519,110	56,590,159
August	63,471,618	61,445,860	61,904,986
September	61,848,713	63,507,468	60,491,922
October	54,845,501	43,373,998	43,368,749
November	44,854,087	40,218,080	35,541,388
December	33,340,680	29,161,797	28,117,506
TOTAL	556,868,535	501,037,709	484,323,513

Table 28 - GROSS SALES OF GASOLINE IN CANADA FOR ALL PURPOSES, BY MONTHS AND BY PROVINCES, 1935. (In thousands of gallons)

	Prince Edward Island	Nova Scotia	New Brunsw- wick	Quebec	Ontario	Mani- toba	Saskat- chewan	Al- berta	British Colum- bia	TOTAL
Jan...	84	859	505	4,506	15,424	861	944	1,887	2,259	27,507
Feb...	19	681	510	5,787	12,247	828	782	1,650	2,051	22,555
March...	58	768	571	5,795	14,178	1,004	1,099	2,400	2,521	26,192
April...	150	1,009	417	5,070	15,211	1,518	1,877	2,528	2,948	30,508
May...	268	1,921	1,191	8,576	18,529	2,208	2,918	3,918	3,408	42,955
June...	321	2,042	1,450	9,688	21,650	2,696	3,261	4,216	3,707	49,011
July...	340	2,280	1,757	10,555	25,951	3,014	3,858	4,487	4,568	56,590
Aug...	381	2,533	1,894	11,154	28,339	3,624	4,764	4,970	4,246	61,905
Sept...	335	2,154	1,709	10,429	29,086	3,147	4,869	4,909	3,854	60,492
Oct...	278	1,812	1,461	8,927	16,040	2,715	4,112	4,555	3,469	45,569
Nov...	212	1,549	1,040	5,857	17,206	1,668	2,075	2,861	3,096	35,542
Dec...	85	1,047	457	4,756	14,575	1,258	1,280	1,919	2,780	28,117
TOTAL for 1935..	2,511	18,635	12,520	87,078	228,416	24,319	31,857	40,500	38,707	484,323
TOTAL for 1932..	2,692	19,021	13,672	91,128	233,945	26,185	33,636	41,300	39,458	501,057

Table 29 - DATES WHEN GASOLINE ACTS BECAME EFFECTIVE AND RATES OF TAX

Provinces	Dates gasoline taxes became effective	Rates per gallon
Prince Edward Island	May 1, 1924	2 cents
	March 31, 1926	3 cents
	May 1, 1928	5 cents
	May 2, 1932	6 cents
	April 15, 1933	8 cents
Nova Scotia	March 15, 1926	3 cents
	March 11, 1927	5 cents
	April 1, 1932	6 cents
	May 1, 1934	8 cents
New Brunswick	April 30, 1926	3 cents
	December 1, 1928	5 cents
	April 1, 1932	7 cents
	April 1, 1934	8 cents
Quebec	April 1, 1924	2 cents
	April 1, 1925	3 cents
	April 1, 1928	5 cents
	December 17, 1931	6 cents
Ontario	May 11, 1925	3 cents
	March 27, 1929	5 cents
	March 25, 1932	6 cents
Manitoba	April 27, 1923	1 cent
	March 5, 1925	3 cents
	April 14, 1930	5 cents
	May 7, 1932	7 cents (refund 5 cents)

Table 29 - DATES WHEN GASOLINE ACTS BECAME EFFECTIVE AND RATES OF TAX (concluded)

Provinces	Dates gasoline taxes became effective	Rates per gallon
Saskatchewan	May 1, 1928	3 cents
	March 27, 1930	5 cents
	May 1, 1932	6 cents
Alberta	April 30, 1922	2 cents
	June 1, 1929	5 cents (refund 4 cents)
	April 1, 1933	6 cents (refund 5 cents)
British Columbia	December 21, 1923	3 cents
	March 25, 1930	5 cents
	April 18, 1932	7 cents

Table 30 - WHOLESALE PRICES OF GASOLINE IN SPECIFIED CANADIAN CITIES, BY MONTHS, 1935.

Months	Halifax	Montreal	Toronto	Winnipeg	Regina	Calgary	Vancouver
	\$	\$	\$	\$	\$	\$	\$
January .....	.200	.175	.180	.205	.245	.220	.210
February .....	.175	.160	.165	.190	.230	.205	.195
March .....	.175	.160	.165	.190	.230	.200	.195
April .....	.175	.160	.165	.190	.230	.200	.195
May .....	.175	.160	.165	.190	.230	.200	.195
June .....	.175	.160	.165	.190	.230	.200	.195
July .....	.175	.160	.165	.190	.230	.200	.195
August .....	.180	.165	.170	.195	.235	.205	.200
September .....	.195	.180	.185	.210	.250	.220	.210
October .....	.195	.180	.185	.210	.250	.220	.210
November .....	.195	.180	.185	.210	.250	.220	.210
December .....	.195	.180	.185	.210	.250	.220	.210
Yearly Average .	.184	.168	.173	.198	.238	.209	.202

Table 31 - REVENUES FROM GASOLINE TAXES, 1930 - 1933.

Provinces	1930	1931	1932	1933
	\$	\$	\$	\$
Prince Edward Island ...	128,366	112,867	134,398	166,831
Nova Scotia	851,725	878,082	957,781	933,571
New Brunswick	659,797	696,481	782,261	865,790
Quebec	4,075,368	4,405,160	5,250,172	4,952,764
Ontario	10,758,836	10,810,914	13,510,755	12,852,577
Manitoba	1,099,778	1,094,700	1,514,260	1,643,600
Saskatchewan	1,538,556	1,310,147	1,328,951	1,289,989
Alberta	1,939,048	1,472,068	1,551,227	1,739,240
British Columbia	1,605,751	1,765,700	2,055,511	2,023,403
CANADA	22,655,225	22,546,119	27,083,316	26,487,765

Table 32 - REGISTRATIONS OF MOTOR VEHICLES(x) IN CANADA, BY PROVINCES, 1929-1933.

Provinces	1929 No.	1930 No.	1931 No.	1932 No.	1933 No.
Prince Edward Island	6,116	7,376	7,744	6,982	6,940
Nova Scotia	39,972	43,029	43,758	41,153	40,443
New Brunswick	31,736	34,699	33,627	28,044	26,842
Quebec	169,105	178,548	177,485	165,730	160,012
Ontario	541,912	562,658	562,220	531,597	520,353
Manitoba	77,259	78,850	75,210	71,570	68,740
Saskatchewan	128,426	127,193	107,981	91,275	84,734
Alberta	98,720	101,119	94,727	86,878	86,110
British Columbia	95,468	98,784	97,932	91,042	88,554
Yukon	215	230	223	232	229
CANADA	1,188,929	1,232,486	1,200,907	1,114,503	1,082,957

(x) Includes motor cycles, road tractors and government and municipal motor vehicles.

Table 33 - PETROLEUM FUELS MARKETED IN CANADA, BY PROVINCES.

(Million Imperial gallons - Calendar Years)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Mines Branch, Department of Mines, in co-operation with the Dominion Fuel Board.

Province	(a)			TOTAL	Per cent	Coke(b)
	Fuel oil	Kerosene	Gasoline			
1932						
New Brunswick and Prince Edward Island	22	2	16	22	2)	0.4
Nova Scotia	22	2	19	43	5)	
Quebec	116	5	91	212	23	10.0
Ontario	69	8	237	314	34	67.4
Manitoba	5	6	26	37	4)	
Saskatchewan	9	13	34	56	6)	
Alberta	13	7	41	61	6)	16.0
British Columbia	151	2	40	193	20)	
TOTAL	(c)389	45	504	(c)938	...	95.8
Per cent	41	5	54	...	100	...

1931

1931						
New Brunswick and Prince Edward Island	8	2	19	29	3)	1.0
Nova Scotia	28	2	21	51	5)	
Quebec	126	6	98	230	23	18.4
Ontario	66	12	250	328	32	40.8
Manitoba	5	6	30	41	4)	
Saskatchewan	5	11	49	65	6)	
Alberta	11	11	44	66	7)	20.0
British Columbia	150	2	45	197	20)	
TOTAL	(c)399	52	556	(c)1,007	...	80.2
Per cent	40	5	55	...	100	...

Table 33 - PETROLEUM FUELS MARKETED IN CANADA, BY PROVINCES. (concluded)
 (Million Imperial gallons - Calendar years)

	Fuel oil	Kerosene	Gasoline(a)	TOTAL	Per cent	Coke(b)
<u>1930</u>						
New Brunswick and Prince Edward Island	11	2	19	32	3	
Nova Scotia	21	2	19	42	4	Not
Quebec	122	6	89	217	21	
Ontario	80	13	243	336	32	com-
Manitoba	6	5	36	47	4	
Saskatchewan	7	8	77	92	9	plete
Alberta	16	7	52	75	7	
British Columbia	162	2	47	211	20	
TOTAL	425	45	582	(c)1,052	...	...
Per cent	40	4	56	...	100	...

- (a) Data on gasoline are quoted from the Dominion Bureau of Statistics' reports on "The Highway and Motor Vehicle in Canada."
- (b) Thousands short tons.
- (c) Excludes 53 of fuel oil consumed in oil refineries in 1932, 55 in 1931, and 59 in 1930.

Table 34 - FUEL OIL DELIVERIES, SPECIFIC USES, BY PROVINCES. (As reported by distributors and importers - Imperial gallons - Calendar years)

NOTE - Figures taken from "Petroleum Fuels in Canada" issued by the Mines Branch, Department of Mines, in co-operation with the Dominion Fuel Board

Area	DOMESTIC AND BUILDING		INDUSTRIAL (and manu- facturers") heating	TRACTOR fuel oil, not lubricant	RAILWAYS principally locomotive and shop fuel	BUNKERING includes distribu- tors tankers	TOTAL DELIVERIES IMPERIAL GALLONS	Per cent of total
	heating							
	Domestic cus- tomers No.	Quantity						
1932								
N.B. and P.E.I....	577	1,358,518	791,489	4,608	252,987	1,634,124	4,041,726	1.0
Nova Scotia	663	1,350,858	4,734,042	14,503	107,611	15,427,378	21,634,392	5.6
Quebec	16,016	26,534,160	26,040,790	31,504	3,823,062	59,597,856	116,027,372	29.8
Ontario	(a)15,640	31,677,078	25,786,791	3,837,542	2,132,088	5,286,172	68,719,671	17.6
Prairies	1,543	3,083,152	6,294,897	8,550,508	10,001,789	Nil	27,930,346	7.2
British Columbia..	2,539	13,553,792	18,587,622	151,610	40,674,351	78,085,566	151,052,941	38.8
CANADIAN .....	...	64,187,783	68,849,081	10,682,763	56,908,160	110,222,823	310,850,610	79.8
IMPORTED .....	...	13,369,775	13,386,550	1,907,512	83,728	49,808,273	78,555,838	20.2
TOTAL	36,978	77,557,558	82,235,631	12,590,275	56,991,888	160,031,096	389,406,448	...
Per cent .....	...	19.9	21.1	3.2	14.7	41.1	...	100.0
1931								
N.B. and P.E. I..	482	1,524,075	937,890	24,833	61,891	5,965,932	8,514,621	2.1
Nova Scotia	543	1,090,544	7,866,406	Nil	3,632,361	14,927,159	27,516,470	6.9
Quebec	13,760	29,074,288	28,426,161	Nil	1,427,334	67,304,656	126,232,439	31.6
Ontario	(a)14,116	27,928,086	28,188,990	276,978	1,356,775	8,595,199	66,346,028	16.6
Prairies	1,548	2,575,362	7,237,848	3,291,445	8,055,715	Nil	21,160,370	5.3
British Columbia..	1,986	11,057,901	36,162,617	Nil	43,211,857	59,211,371	149,643,746	37.5
CANADIAN .....	...	63,450,788	74,114,840	3,132,852	57,737,540	131,096,470	329,532,490	82.5
IMPORTED .....	...	9,799,468	34,705,072	460,404	8,393	24,907,847	69,881,184	17.5
TOTAL	32,435	73,250,256	108,819,912	3,593,256	57,745,933	156,004,317	399,413,674	...
Per cent .....	...	18.3	27.2	0.9	14.5	39.1	...	100.0

Amounts respectively recorded 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 and as required Fuel oil of all grades between 5° and about 42° A.P.I. and processed from petroleum.

(a) Partially estimated.

Table 34 - FUEL OIL DELIVERIES, SPECIFIC USES, BY PROVINCES. (As reported by distributors and importers - Imperial gallons - Calendar Years) concluded

Area	DOMESTIC AND BUILD- ING heating		INDUSTRIAL (and manu- facturers') heating)	TRACTOR fuel oil, not lubricant	RAILWAYS principally locomotive and shop fuel	BUNKERING, includes distribu- tors' tankers	TOTAL DELIVERIES IMPERIAL GALLONS	Per cent of total
	Domestic cus- tomers	Quantity						
<u>1930</u>								
N.B. and P.E.I....		1,506,787	855,957	Nil	68,841	9,241,015	11,472,580	2.7
Nova Scotia	Not	1,418,952	5,647,277	Nil	78,591	13,554,834	20,699,654	4.9
Quebec		21,481,018	24,587,946	646,763	3,054,010	72,534,450	122,304,167	28.8
Ontario	com-	33,115,158	33,102,311	472,867	1,512,867	11,561,353	79,764,556	18.8
Prairies		3,870,673	8,182,609	2,977,802	13,215,928	Nil	28,247,012	6.6
British Columbia.	plete	13,182,978	42,947,383	209,135	55,797,810	50,201,665	162,338,971	38.2
CANADIAN .....	...	65,177,278	80,096,658	4,014,973	73,653,440	128,906,081	351,848,440	82.8
IMPORTED .....	...	9,198,288	35,226,795	291,594	74,607	28,187,216	72,976,500	17.2
TOTAL .....	...	74,375,566	115,323,463	4,306,567	73,728,047	157,093,297	424,826,940	...
Per cent .....	...	17.5	27.1	1.0	17.4	36.9	...	100.0

Amounts respectively recorded 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 and as required. Fuel oil of all grades between 5° and about 42° A.P.I. and processed from petroleum.

Table 35 - SUMMARY STATISTICS OF RETAIL TRADE OF GASOLINE SERVICE STATIONS IN CANADA, 1930.

	Filling stations	Filling stations with tires and accessories	Filling stations with other merchandise
Number of establishments	1,934	2,295	1,274
Proprietors not on payroll	1,441	1,721	1,285
Proprietors receiving a stated salary	147	415	54
Proprietors salaries reported	\$ 215,000	\$ 615,100	\$ 56,200
Full-time employees:-			
Male	1,844	2,988	289
Female	29	66	84
Salaries and wages	\$ 1,985,000	\$ 3,183,800	\$ 257,400
Part-time employees:-			
Male	208	513	97
Female	44	12	48
Salaries and wages	\$ 82,500	\$ 179,800	\$ 27,500
Receipts (1930)	\$ 22,820,400	\$ 36,970,400	\$ 6,658,500
Stocks on hand at end of year (at cost)	\$ 816,600	\$ 1,765,900	\$ 403,200

Table 36 - SUMMARY STATISTICS OF WHOLESALE TRADE IN PETROLEUM AND PETROLEUM PRODUCTS, 1930.

Number of establishments	3,738
Number of employees	9,382
Salaries and wages	\$ 14,290,100
Net sales (1930)	\$ 220,375,500
Stocks on hand at end of year at cost	\$ 24,822,200

DIRECTORY OF PLANTS INCLUDED IN THE PETROLEUM PRODUCTS INDUSTRY, 1933.

(a) Petroleum Refineries

	Capacity in barrels of crude oil per day
<u>NOVA SCOTIA</u> -	
Imperial Oil Refineries, Limited, Imperoyal	12,000
<u>NEW BRUNSWICK</u> -	
New Brunswick Gas & Oilfields, Ltd., Weldon	100
<u>QUEBEC</u> -	
Imperial Oil Refineries, Limited, Montreal East	30,000
La Salle Petroleum Refinery Limited, Montreal East	4,000
McCull-Fontenac Oil Co. Limited, Montreal East	5,000
British American Oil Refineries Limited, Montreal East	8,000
Shell Oil Company of Canada, Limited, Montreal East	5,000

DIRECTORY OF PLANTS INCLUDED IN THE PETROLEUM PRODUCTS INDUSTRY, 1933.

(continued)

(a) Petroleum Refineries (concluded)

<u>ONTARIO -</u>	<u>Capacity in barrels of crude oil per day</u>
<u>ONTARIO -</u>	
British American Oil Refineries Limited, Toronto	5,000
Canadian Oil Refineries, Limited, Petrolia	1,400
Imperial Oil Refineries, Limited, Sarnia	25,000
Lloyd Refineries Ltd., Port Credit	2,000
McCull-Fontenac Oil Co. Limited, Toronto	5,000
Sava Oil Refineries, Limited, Windsor	25
Good Rich Refining Co. Ltd., Toronto	250
<u>MANITOBA -</u>	
North Star Oil Limited, St. Boniface	700
Radio Oil Refineries Ltd., East Kildonan	1,200
<u>SASKATCHEWAN -</u>	
Imperial Oil Refineries, Limited, Regina	7,000
Hi-Way Refineries Limited, Regina	200
British American Oil Refineries, Ltd., Moose Jaw (formerly Sterling Oil Refineries Limited)	1,250
Mutual Oil Refineries, Limited, Prince Albert	200
Karel's Oil Refinery, Regina	150
Saskatoon Hi-Way Refineries, Saskatoon	200
Tower Refineries Limited, Moose Jaw	200
Rosetown Hi-Way Refineries, Limited, Rosetown	200
<u>ALBERTA -</u>	
Imperial Oil Refineries, Limited, Calgary	6,000
Bell Refining Company Limited, Calgary	750
Maple Leaf Petroleum Limited, Coutts	4,000
Regal Oil & Refining Co. Ltd., Calgary	3,000
Northwest Stellarene Co. Inc., Coutts (now British American Oil Refineries Limited)	1,500
J. W. Fraser Refining Company, Wainwright	50
Olsen Refineries Limited, South Edmonton	500
Lion Refining Co. Ltd., Calgary	250
New McDougal Segur Oil Co. Ltd., Calgary	70
<u>BRITISH COLUMBIA -</u>	
Imperial Oil Refineries, Limited, Ioco	15,000
Vancouver Oil Company Limited, Vancouver	1,000
Shell Oil Company of British Columbia Ltd., Vancouver	3,500
<u>NORTH WEST TERRITORIES -</u>	
Northwest Company Ltd., Fort Norman	80

NOTE - The Bureau also has record of the following refineries which were not in operation during 1933:-

Davis Refinery Ltd., Montreal, P.Q.
 Amherst Oil Refineries Ltd., Amherstburg, Ont.
 Burlington Refineries Ltd., Hamilton, Ont.
 Excel Refineries, Newburn, Sask.
 Hi-Way Oil Co., New Westminster, B.C.

DIRECTORY OF PLANTS INCLUDED IN THE PETROLEUM PRODUCTS INDUSTRY, 1933.
(concluded)

(b) Lubricating Oils and Greases

QUEBEC -

Economic Products Ltd.	Outremont
Chapman, L. L. & W. H.	Hull
Union Products	Montreal

ONTARIO -

Campbell Grease Co.	Toronto
Hollingshead Co. of Canada, Ltd., The R.M.	Bowmanville
Ontario Lubricating Co. Ltd.	Hamilton
Stewart Warner Alemite Corp. of Canada	Belleville
Three in One Oil Company	Windsor
Tide Water Oil Co. of Canada, Ltd.	Toronto

BRITISH COLUMBIA -

Union Oil Co. of Canada, Ltd.	Port Moody
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