

Mining, Metallurgical and Chemical Branch
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The Dominion Bureau of Statistics at Ottawa reports that the value of crude petroleum ^{produced} in Canada during 1930 was \$5,033,820 and the value of petroleum products produced from imported and Canadian oils during the same year was \$91,787,205.

1. CRUDE PETROLEUM - Canadian production of crude petroleum set up a new high record in 1930 when 1,522,220 barrels valued at \$5,033,820 were produced. During the preceding year the output was 1,117,368 barrels worth \$3,731,764. In 1950, New Brunswick wells produced 6,758 barrels, Ontario wells 117,302 barrels and Alberta wells 1,398,160 barrels.

The Alberta production included 1,340,428 barrels from the Turner Valley field and the remainder from the Red Coulee, Wainwright-Ribstone, Skiff and Fuego fields. Eighty-nine wells were in operation in Alberta at the close of 1930 and drilling was in progress on 55 other wells in the Turner Valley, Wainwright-Ribstone, Red Coulee, **Highwood**, and other fields. The total footage drilled during the year was 190,125; in addition approximately 35,472 feet of structure-test drilling was done. Forty-one new wells were brought into production during the year. Firms operating in Alberta fields during 1930 reported the use of 425,853 feet of casing weighing 8,309 tons. This casing was valued at \$1,007,223.

Ontario's production declined 3.2 per cent in quantity and 7.1 per cent in value to 117,302 barrels worth \$235,746 in 1930. This output was the lowest on record for the province.

New Brunswick's production was obtained from wells in the Stoney Creek field. Drilling operations in Saskatchewan were continued in the Simpson and Unity Valley fields. Drilling was in progress, at the end of the year, on two wells in the Dauphin and Manitou fields, Manitoba.

Capital actually employed in operating and drilling oil wells in Canada in 1930 was recorded at \$63,300,244. This industry furnished employment to 1,869 salaried employees and wage-earners, who received \$3,337,754. Fuel and electricity used during the year represented an expenditure of \$363,998.

PRINCIPAL STATISTICS OF THE CRUDE PETROLEUM INDUSTRY IN CANADA, 1929 and 1930.

	1929	1930
Number of firms	231	234
Capital employed	\$ 54,526,398	63,300,244
Number of employees - On salary	233	245
On wages	1,982	1,624
Total	2,221	1,869
Salaries and wages - Salaries	383,490	459,412
Wages	3,365,199	2,878,342
Total	3,748,689	3,337,754
Cost of fuel and electricity	293,354	363,998
Selling value of products	3,731,764	5,033,820

PRODUCTION OF CRUDE PETROLEUM IN CANADA, 1930.

Province	Barrels	Total Value
		\$
NEW BRUNSWICK	6,758	17,378
ONTARIO -		
Petrolia and Enniskillen	55,126	109,741
Oil Springs	29,160	60,038
Moore Township	1,691	3,366
Sarnia Township	1,036	2,063
Plympton Township	296	589
Bothwell Township	21,177	42,115
West Dover	457	909
Tilbury East	149	296
Onondaga	231	762
Moza Township	7,166	14,252
Dutton	366	726
Thamesville	447	889
Total for Ontario	117,302	235,746
ALBERTA	1,398,160	4,780,696
CANADA	1,522,220	5,033,820

2. PETROLEUM PRODUCTS - Fifteen plants in Canada were engaged during 1930 in the refining of oils for the production of gasoline, fuel oil, kerosene, lubricating oils, asphalt, waxes, petroleum coke, and grease. These refineries were located at strategic points across the Dominion for convenience in marketing their products. During 1930 the Canadian refineries treated 51.5 million gallons of oil from Canadian wells (including naphtha from the Turner Valley field in Alberta), and 1,012.9 million gallons of oil imported chiefly from the United States, Peru and Colombia. Gasoline production amounted to 445.6 million gallons, of which 38 per cent or 169.3 million gallons were made by the cracking process. Sales of fuel and gas oils totalled 375.3 million gallons; in addition to which the refineries used 59.3 million gallons for fuel purposes.

Thirteen plants were engaged in compounding lubricating oils and greases in 1930. The total production of these plants was valued at \$977,494.

Capital employed in Canada's petroleum refining and lubricating oil compounding industries in 1930 totalled \$70,354,381. Salaries and wages paid to the

5,134 employees amounted to \$8,190,130. Fuel and electricity used during the year cost \$3,868,544. The total cost of materials used in 1930 was \$71,800,429.

PRINCIPAL STATISTICS OF THE PETROLEUM PRODUCTS INDUSTRY IN CANADA. 1929 and 1930.

	1929	1930
Number of plants	25	28
Capital employed\$	71,260,459	70,334,581
Number of employees	4,978	5,134
Salaries and wages\$	8,153,625	8,190,130
Cost of fuel and electricity\$	3,754,655	3,868,544
Selling value of products at works\$	99,408,314	91,787,205

OUTPUT OF THE PETROLEUM PRODUCTS INDUSTRY IN CANADA, 1930.

Products	Made for own use		Made for sale	
	Quantity	Value at works	Quantity	Selling value at works
		\$		\$
<u>Petroleum refining -</u>				
Gasoline (a) straight run..Imp.gal.	46,287	6,273	276,238,369	37,337,858
(b) by cracking process.....Imp.gal.	...	...	169,314,761	23,445,341
Fuel and gas oils .....Imp.gal.	59,308,393	2,197,389	375,255,886	14,231,129
V.M. & P. or solvent				
naphtha .....Imp.gal.	14,288	1,690	7,150,672	870,037
Kerosene .....Imp.gal.	97,394	13,022	43,509,487	5,378,830
Lubricating oils .....Imp.gal.	42,621	6,384	18,042,269	2,909,506
Grease .....lb.	...	...	13,465,366	268,453
Tar .....lb.	...	...	1,017,500	8,140
Asphalt .....Imp.gal.	...	...	37,470,666	1,991,629
Petroleum coke .....ton	23,538	124,363	68,549	392,945
Still gas .....M cu.ft.	3,529,319	874,151	...	...
Acid sludge .....	...	...	...	...
Wax and candles .....lb.	...	...	10,153,924	453,591
Other products .....	...	57,827	...	241,053
Total .....	...	3,281,099	...	87,528,612
Fuel and gas oils made and used in pressure cracking process..Imp.gal.	389,719,223	...	...	...
<u>Lubricating oils and greases -</u>				
Lubricating oils .....Imp.gal.	...	...	1,682,234	753,386
Compounds .....lb.	...	...	258,363	30,839
Lubricating greases .....lb.	...	...	719,505	71,288
Soaps .....lb.	...	...	374,854	34,841
Other products .....	...	...	...	87,140
Total .....	...	...	...	977,494
GRAND TOTAL .....	...	\$ 91,787,205	...	...

3. IMPORTS AND EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS - A decline of 14.4 per cent was recorded in the imports of petroleum, asphalt and their products into Canada during 1930. Importations during the year were valued at \$66,619,649 as compared with \$77,839,410 in 1929. Canada's supply of imported crude petroleum was drawn from the following sources, the United States 68.4 per cent, Venezuela 13.0 per cent, Colombia 11.3 per cent, and Peru 7.3 per cent. Gasoline importations totalled 163.4 million gallons of which the United States supplied 92.5 per cent and Dutch West Indies 7.5 per cent. Fuel oil imports at 97.8 million gallons were 2.2 per cent above the 1929 level; the United States, Dutch West Indies, Peru and Mexico were the sources of these importations.

Exports of petroleum and its products were valued at \$2,441,632 or 10.5 per cent below the 1929 total of \$2,728,072. Gasoline accounted for 50.2 per cent of the value of the 1930 exports, fuel oil 36.1 per cent, kerosene 5.7 per cent, other oils 4.9 per cent, and wax 3.1 per cent.

IMPORTS INTO CANADA AND EXPORTS OF PETROLEUM, ASPHALT AND THEIR PRODUCTS, 1930.

	Quantity	Value
IMPORTS		
<u>Asphalt and Its Products</u>		
Asphaltum or asphalt, solid	855,834 cwt.	650,837
Asphalt, not solid .....	...	98,458
Asphaltum oil for paving purposes .....	...	70,130
<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. 1,012,029,544	38,241,270
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. 539,045	58,593
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.	65,733,147	2,406,223
Petroleum, and other oils imported by miners or mining companies or concerns, for use in the concentration of ores of metals in their own concentrating establishments.....	gal. 134,001	55,242
Petroleum, crude, not in its natural state, when imported by oil refiners to be refined in their own factories, .725 to .770 and .790 specific gravity or heavier.....	gal. 8,466,369	600,899
Fuel oil, ex-warehoused for ships' stores	gal. 31,560,548	821,313
<u>Kerosene and Illuminating Oils</u>		
Coal oil and kerosene, lighter than .8235 specific gravity at 60 degrees temperature, n.o.p.	gal. 4,911,647	360,518
Illuminating oils, composed wholly or in part of the products of petroleum, coal, shale or lignite, costing more than 30 cents per gallon	gal. 10,687	4,660
Engine distillate, lighter than .8235 specific gravity at 60 degrees temperature	gal. 64,757	9,856
<u>Lubricating Oils</u>		
Lubricating oils, composed wholly or in part of petroleum, and costing less than 25 cents per gallon	gal. 8,048,755	1,477,639
Lubricating oils, n.o.p.	gal. 8,261,051	3,540,113
<u>Gasoline and Other Oils</u>		
Gasoline, under 0.725 specific gravity at 60 degrees temperature	gal. 93,822,017	9,488,190
Gasoline, 0.725 specific gravity and heavier, but not heavier than 0.770 specific gravity at 60 degrees temperature...gal.	49,953,335	5,712,502
Gasoline, natural casinghead, compression or absorption, lighter than .6690 specific gravity at 60 degrees temperature, when imported by distillers of petroleum for blending with other gasolines distilled in Canada(From Sept.17,1930)..gal.	9,140,726	784,525
Gasoline, n.o.p.	gal. 10,530,470	1,129,284
All other oils,n.o.p.	gal. 308,019	131,324
<u>Other Products of Petroleum</u>		
Grease, axle	lb. 5,341,098	288,994
Paraffine wax	lb. 3,464,085	126,770
Paraffine wax, cryolite	lb. 383,063	79,766
Vaseline, and all similar preparations of petroleum for toilet, medicinal and other purposes .....	...	230,800
Naphtha and products of petroleum, n.o.p., lighter than .8235 specific gravity at 60 degrees temperature	gal. 1,667,160	251,743
TOTAL .....	...	66,619,649
EXPORTS -		
Oil, petroleum, crude	gal. 19,259,585	881,452
Oil, coal and kerosene, refined	gal. 1,460,676	138,455
Oil, gasoline and naphtha	gal. 7,256,557	1,226,561
Oil, mineral,n.o.p.	gal. 315,779	120,231
Wax, mineral	cwt. 16,958	74,933
TOTAL	2,441,632



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