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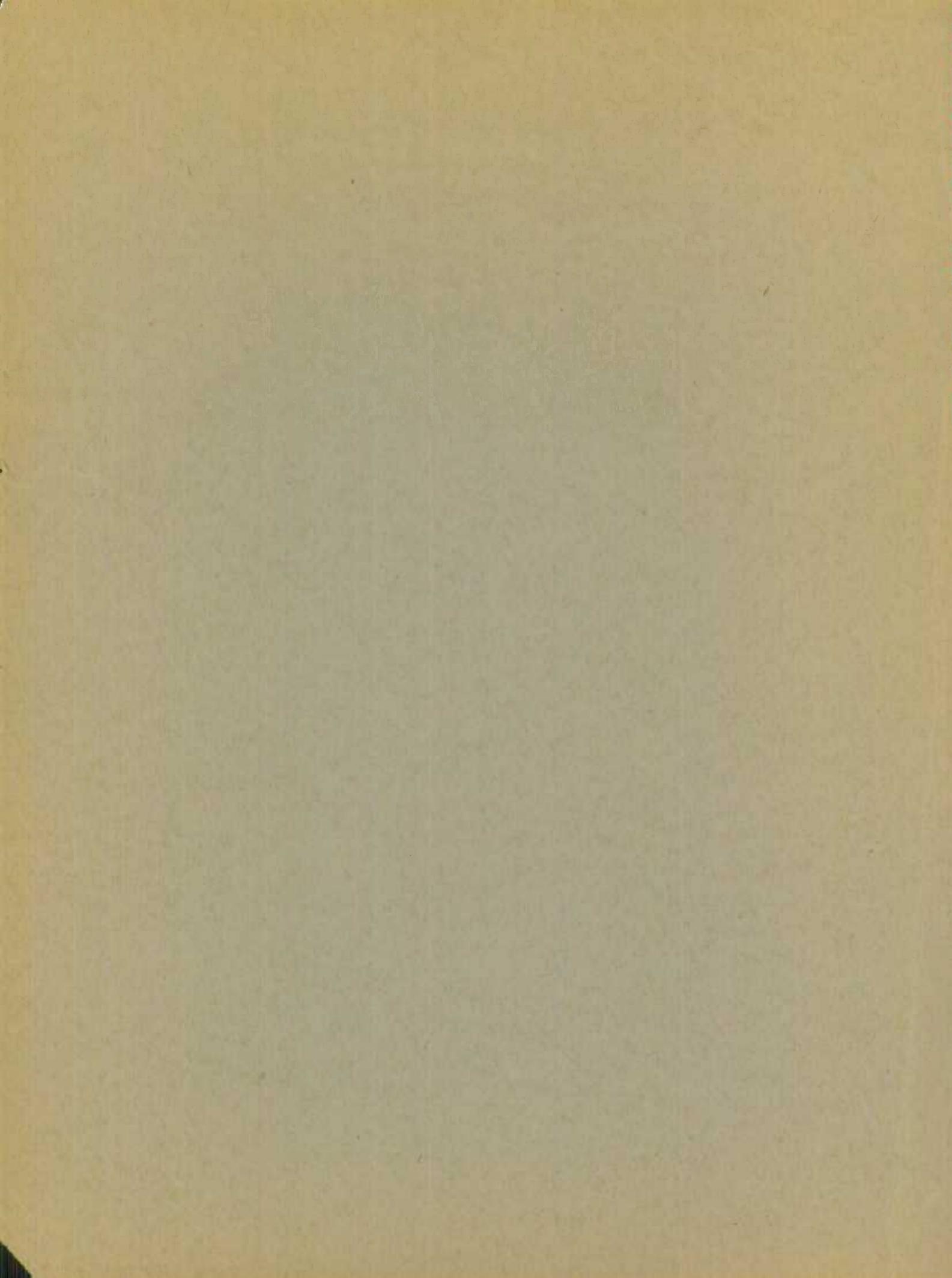
REPORT ON THE  
MINERAL PRODUCTION OF  
CANADA  
DURING THE SIX MONTHS ENDING  
JUNE, 1939

(With Revised Statistics for Calender Year 1938)



OTTAWA  
1939

Price 25 cents



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

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PRELIMINARY REPORT on THE MINERAL PRODUCTION OF CANADA DURING THE SIX MONTHS  
ending JUNE 30th, 1939.

Canada's mineral production during the first six months of 1939 aggregated \$217,728,702, an increase of 4.3 per cent over the corresponding period of 1938 when the total reached \$208,779,921.

Continued expansion in the gold mining industry was largely responsible for the increase. Several of the base metals and non-metallic minerals were produced in smaller volume than during the first six months of 1938 and prices for lead and zinc were slightly under those of last year; copper prices averaged higher.

Metals as a group were valued at \$164,959,577 compared with \$157,124,764 during the first half of 1938, an increase of 5 per cent; fuels, including coal, natural gas and crude petroleum totalled \$32,663,723 as against \$31,985,676, an increase of 2 per cent; non-metallic minerals rose 6.7 per cent to \$9,525,977 from \$8,925,393, and the structural materials group decreased 1.5 per cent to \$10,579,425 from \$10,744,088.

METALS

GOLD. - The impetus given to gold mining as a result of the increase in price in 1933 is still reflected in the growth of the industry. Several new mines began production and many companies have laid plans for enlargement of existing plants. During the period under review, 11 gold mines came into production. The output of the yellow metal totalled 2,492,572 fine ounces as against 2,219,309 fine ounces during the first half of 1938 and if the existing rate of output is maintained for the next six months Canada should pass the five million ounce mark for the year. The average price of gold for the six months period was \$35.163 per fine ounce, in Canadian funds, compared with \$35.13 for the first six months of 1938, and the total value of gold production was \$87,646,309 as against \$77,964,325, an increase of 12 per cent.

With the exception of Manitoba, every province recorded an increase. Nova Scotia was higher by 29 per cent; Quebec rose 14 per cent; Ontario, 10 per cent; Saskatchewan, 62 per cent; British Columbia, 11 per cent; the Yukon, 34 per cent. Production in the Northwest Territories reached 20,821 fine ounces as against a very small amount during the same period of 1938.

COPPER - Canadian copper production includes the copper in blister or converter copper made at Canadian smelters from domestic ores plus the recoverable copper in ores, concentrates and matte exported. Output for the period totalled 286,242,241 pounds valued at \$28,404,985 as against 292,396,871 pounds worth \$27,765,202 in the first six months of 1938. Quebec production was less; the nickel-copper ores of Ontario yielded about the same amount; Manitoba and Saskatchewan recorded an increase, and British Columbia mines produced more also. The average price of copper on the London market, transposed to Canadian funds, was 10.014 cents per pound compared with 9.551 cents for the same period last year.

NICKEL - Nickel output totalled 110,465,309 pounds worth \$27,748,574 compared with 109,286,472 pounds valued at \$28,559,696 during the first six months of 1938. Refined nickel is made at Port Colborne, Ontario, by the International Nickel Co. of Canada, Limited. The production figures include the refined nickel and nickel in oxide made in Canada plus the nickel in matte exported by the International Nickel Co. and Falconbridge Nickel Mines Ltd.

LEAD - Lead production totalled 185,755,363 pounds worth \$5,619,100 compared with 204,961,121 pounds valued at \$6,956,380 during the first half of 1938. The average price of lead on the London market, in Canadian funds, at 3.025 cents per pound was slightly under that for last year when the price averaged 3.3935 cents for the same period. The bulk of the lead produced in Canada comes from the Sullivan mine of the Consolidated Mining and Smelting Company of Canada, Limited. Lead is also recovered from customs ores shipped to the Consolidated smelter at Trail and a certain amount is contained in exported ores. Yukon production for the period was higher than during the corresponding period of 1938.

ZINC - Electrolytic zinc is made by the Consolidated Mining and Smelting Company at Trail, British Columbia, and by the Hudson Bay Mining and Smelting Company, Ltd., at Flin Flon, Manitoba, and its production along with the recoverable zinc in ores exported constitutes the total Canadian output. This output amounted to 178,752,177 pounds valued at \$5,110,525 compared with 197,951,223 pounds worth \$6,154,303 during the first six months of 1938. The average price of zinc in Canadian funds was 2.859 cents per pound compared with 3.109 cents last year.

SILVER - A slight gain to 10,586,950 fine ounces from 10,532,011 fine ounces is recorded for silver. As silver is recovered in association with most other metals, its production is very widespread. British Columbia mines, principally the Sullivan silver-lead-zinc mine, produce more than twice as much silver as Ontario and the largest source of the Ontario silver is the nickel-copper ores of the Sudbury area. The average price for silver during the first six months of 1939 at 42.802 cents per fine ounces was only about one cent less than the average for the corresponding period in 1938.

METALS OF THE PLATINUM GROUP - Production of the metals of the platinum group totalled 165,403 fine ounces valued at \$4,901,548 compared with 130,077 fine ounces worth \$3,978,828 during the first six months of 1938. These figures include the production of platinum, palladium, rhodium, iridium, and ruthenium. These metals are all recovered from the nickel-copper ores of Ontario. The residues gathered at the copper and nickel refineries in Canada are shipped to the Company's own works at Acton, near London, for final treatment. Canada produces more platinum than any other country.

OTHER METALS - Selenium and tellurium are recovered in the refining of copper and the output was less than during the first six months of 1938. Cadmium production was only 1 per cent less but, owing to the lower unit price, the value of

the output was 57 per cent under that of last year. Arsenic showed considerable improvement and cobalt output was 40 per cent higher. The Consolidated Mining and Smelting Company of Canada, Limited, at Trail, recorded a production of metallic antimony. Radium and uranium are produced at Port Hope from the pitchblende ores mined at Great Bear Lake by the Eldorado Gold Mines Ltd. but figures are not available for publication.

Of particular interest is the development of a large hematite iron ore body at Steep Rock Lake in Northwestern Ontario, near Atikokan. During the latter half of 1939 Canada will again be able to record a production of iron ore since the Algoma Steel Corporation will have begun shipments of sintered ore to their plant at Sault Ste. Marie.

#### NON-METALLICS (FUELS)

Coal production during the period under review totalled 6,808,422 tons valued at \$20,905,548 compared with 6,907,209 tons worth \$21,088,912. Nova Scotia mines recorded a decrease to 3,084,905 tons from 3,260,918 tons; New Brunswick mines increased their output to 232,583 tons from 166,122 tons; Saskatchewan produced 460,134 tons of lignite coal compared with 417,326 tons; Alberta's output was slightly under that during the first six months of 1938 at 2,318,679 tons. Production of bituminous coal in Alberta was about the same as during the corresponding period of 1938 but sub-bituminous and lignite was less. Production from British Columbia mines at 711,800 tons was nearly 2 per cent lower. Imports of all kinds of coal into Canada during the first six months of 1939 totalled 3,865,946 tons; exports reached 176,624 tons, and coal made available for use during the period totalled 10,497,694 tons.

Natural gas production in Canada during the first six months of 1939 totalled 19,333,196 thousand cubic feet compared with 17,985,532 thousand cubic feet a year ago. The output from Alberta wells amounted to 12,000,000 thousand cubic feet; Ontario wells produced 6,900,000 thousand cubic feet; New Brunswick wells, 376,896 thousand cubic feet, and Saskatchewan wells, 56,000 thousand cubic feet.

The Canadian production of crude petroleum and natural gasoline during the first six months of 1939 aggregated 3,370,425 barrels compared with 2,919,425 barrels a year ago. Increased production in the Turner Valley field, Alberta, was responsible for this sharp advance. Sixteen new wells were drilled into production in Alberta during the first half of 1939. On June 15th the pipe rate for the movement of oil from the Turner Valley field to Calgary was reduced by provincial government order to 9½ cents a barrel from 15 cents per barrel; the rate for loading into tank trucks and tank cars was set at 2½ cents per barrel. Production from Ontario wells rose to 100,173 barrels from the output of 81,198 barrels for the corresponding period of 1938. New Brunswick operators reported an output of 8,103 barrels while the production from the Northwest Territories amounted to 7,880 barrels.

#### NON-METALS (OTHER THAN FUELS)

The value of non-metals (other than fuels) increased 6.7 per cent to \$9,525,977. Asbestos output totalled 144,582 tons worth \$6,049,652, a substantial increase over the recorded production for the first six months of last year. Gypsum output was slightly less in quantity and value. Iron oxides marked an improvement and mica production was higher. Salt, including salt in brine as well as commercial salt, was recorded at 181,519 tons valued at \$989,713. Sodium sulphate increased

from 28,460 tons to 36,222 tons. Sulphur production, including elemental sulphur made at Trail, British Columbia, plus the sulphur content of sulphuric acid made from waste smelter gases and sulphur in iron pyrites shipped, rose from 58,930 tons to 71,747 tons. Talc, soapstone, silica brick, quartz, natural mineral waters, and graphite showed improvements also.

#### STRUCTURAL MATERIALS

The value of structural materials was estimated at \$10,579,425, a decrease of 1.5 per cent when compared with the corresponding period of a year ago. Monthly figures of production are computed for clay products, cement and lime, and using these materials as a base the output of stone and sand and gravel for the period is estimated.

#### EMPLOYMENT

On July 1st, 1939, returns were tabulated from 450 Canadian mine operators with 76,147 employees compared with 74,456 in their last report. Little general change occurred in coal mines but the extraction of metallic ores and of non-metallic minerals, other than coal, afforded considerably more employment. The general index at 164.1 was nearly ten points higher than at the beginning of July, 1938, when the increase over the preceding month had been on a much smaller scale.

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This report contains finally revised statistics of Canada's mineral production for 1938. The value of production for the last calendar year totalled \$441,823,237 compared with \$457,359,092 or a decrease of 3.4 per cent.

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AVERAGE MONTHLY PRICE OF GOLD, SILVER, COPPER, LEAD AND ZINC, IN CANADIAN FUNDS, JANUARY 1 to JUNE 30, 1938 and  
1939.

Month	GOLD		SILVER		COPPER		LEAD		ZINC	
	Dollars per fine ounce		Cents per fine ounce		Cents per pound		Cents per pound		Cents per pound	
	1938	1939	1938	1939	1938	1939	1938	1939	1938	1939
January .....	34.99	35.298	44.754	43.087	10.131	10.174	3.592	3.042	3.538	2.865
February .....	35.00	35.194	44.736	42.959	9.756	9.959	3.440	2.994	3.218	2.833
March .....	35.05	35.129	44.569	42.924	9.725	10.041	3.559	3.052	3.196	2.856
April .....	35.15	35.155	42.983	42.966	9.701	10.045	3.474	3.003	3.060	2.815
May .....	35.22	35.134	43.091	42.906	9.162	9.977	3.171	3.029	2.961	2.867
June .....	35.36	35.068	43.213	42.044	8.832	9.956	3.125	3.043	2.881	2.928
AVERAGE .....	35.13	35.163	43.891	42.802	9.551	10.014	3.3935	3.025	3.109	2.859

MINERAL PRODUCTION OF CANADA FOR THE PERIOD JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8	1 9 3 9
	January 1 to June 30	January 1 to June 30
	Quantity	Value
	\$	\$
<u>METALLICS</u>		
Antimony .....	lb. ...	588,040 32,985
Arsenic (As <sub>2</sub> O <sub>3</sub> ) .....	lb. 645,615	1,053,569 31,607
Cadmium .....	lb. 362,742	358,096 159,729
Cobalt .....	lb. 219,515	307,542 550,125
Copper .....	lb. 292,396,871	286,242,241 28,404,985
Gold .....	fine oz. 2,219,309	45,877,187 2,492,572 51,526,034
Estimated exchange equalization on gold produced .....	\$ ...	32,087,138 ... 36,120,275
Lead .....	lb. 204,961,121	6,956,580 185,755,363 5,619,100
Nickel .....	lb. 109,286,472	28,559,696 110,465,309 27,748,574
Palladium, Rhodium, Iridium, etc. ....	fine oz. 58,211	1,709,300 74,792 2,059,715
Platinum .....	fine oz. 71,866	2,269,528 90,611 2,841,833
Radium and Uranium products .....		Data not available for publication
Selenium .....	lb. 213,235	373,161 120,872 205,966
Silver .....	fine oz. 10,532,011	4,622,605 10,586,950 4,531,426
Tellurium .....	lb. 39,116	68,453 10,146 16,700
Zinc .....	lb. 197,951,223	6,154,303 178,752,177 5,110,525
<b>TOTAL .....</b>	<b>\$ ...</b>	<b>157,124,764 ... 164,959,577</b>

NON-METALLICS

Fuels

Coal .....	ton 6,907,209	21,088,912	6,808,422	20,905,548
Natural Gas .....	M cu.ft. 17,985,532	6,469,546	19,333,196	7,029,490
Peat .....	ton ...	... ...	... ...	... ...
Petroleum, crude .....	bbl. 2,919,425	4,427,218	3,370,425	4,728,685
<b>TOTAL .....</b>	<b>\$ ...</b>	<b>31,985,676</b>	<b>...</b>	<b>32,665,723</b>

Other Non-Metallics

Asbestos .....	ton 132,291	5,757,453	144,582	6,049,652
Barytes .....	ton ...	... ...	41	738
Diatomite .....	ton 205	5,712	128	4,187
Feldspar .....	ton 5,648	52,238	4,477	42,716
Fluorspar .....	ton 50	875	12	303
Graphite .....	\$ ...	22,616	...	25,035
Gypsum .....	ton 330,607	565,485	310,434	553,552
Iron oxides (ochre) .....	ton 1,350	27,105	1,560	33,285
Magnesium sulphate .....	ton ...	... ...	445	8,400
Magnesitic-dolomite .....	\$ ...	261,905	...	152,680
Mica .....	lb. 405,901	41,466	550,198	54,659
Mineral waters .....	Imp. gal. 49,391	6,442	54,684	9,321
Nepheline syenite .....	\$ ...	73,318	...	68,857

MINERAL PRODUCTION OF CANADA FOR THE PERIOD JANUARY 1 to JUNE 30, 1938 and 1939  
(concluded)

		1 9 3 8		1 9 3 9	
		January 1 to June 30		January 1 to June 30	
		Quantity	Value	Quantity	Value
NON-METALLICS (concluded)			\$		\$
Other Non-Metallics (concluded)					
Phosphate .....	ton	206	1,826	4	35
Quartz .....	ton	710,254	420,988	756,579	455,903
Salt .....	ton	197,240	819,109	181,519	989,713
Silica brick .....	M	505	25,923	379	20,914
Soapstone .....	\$	...	7,835	...	11,822
Sodium carbonate .....	ton	...	...	40	360
Sodium sulphate .....	ton	28,460	211,375	36,222	336,882
Sulphur (x) .....	ton	58,930	577,011	71,747	652,070
Talc .....	ton	4,687	46,711	5,355	54,898
TOTAL .....	\$	...	8,925,393	...	9,525,977

STRUCTURAL MATERIALS

Clay products .....	\$	...	1,564,088	...	1,589,425
Cement .....	brl.	2,167,461	3,215,000	1,995,618	2,980,000
Lime .....	ton	224,763	1,565,000	234,365	1,710,000
Stone and sand and gravel (a) ..	\$	...	4,400,000	...	4,300,000
TOTAL (a) .....	\$	...	10,744,088	...	10,579,425
GRAND TOTAL .....	\$	...	208,779,921	...	217,728,702

(x) Sulphur content of pyrites shipped and estimated sulphur contained in sulphuric acid and other products made from waste smelter gases.

(a) Estimated.

## MINERAL PRODUCTION OF CANADA (EXCLUSIVE OF CLAY PRODUCTS AND OTHER

	Nova Scotia	New Brunswick	Quebec	Ontario
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METALLICS

Antimony .....	lb.	...	...	...	...
	\$	...	...	...	...
Arsenic ( $As_2O_3$ ) .....	lb.	...	...	...	1,053,569
	\$	...	...	...	31,607
Bismuth .....	lb.	...	...	...	...
	\$	...	...	...	...
Cadmium .....	lb.	...	...	...	...
	\$	...	...	...	...
Chromite .....	ton	...	...	...	...
	\$	...	...	...	...
Cobalt .....	lb.	...	...	...	307,542
	\$	...	...	...	550,125
Copper .....	lb.	285,274	...	44,415,680	163,677,920
	\$	28,567	...	4,447,786	16,131,394
Gold .....	fine oz.	16,409	...	482,616	1,516,609
	\$	339,204	...	9,976,558	31,351,089
Estimated exchange equalization on gold production .....	\$	237,786	...	6,993,669	21,977,433
Lead .....	lb.	...	...	...	5,100
	\$	...	...	...	154
Nickel .....	lb.	...	...	...	110,465,509
	\$	...	...	...	27,748,574
Palladium, Rhodium, Iridium, etc.....	fine oz.	...	...	...	74,792
	\$	...	...	...	2,059,715
Platinum .....	fine oz.	...	...	...	90,611
	\$	...	...	...	2,841,853
Selenium .....	lb.	...	...	23,841	45,930
	\$	...	...	40,625	78,265
Silver .....	fine oz.	38,378	...	444,919	2,165,825
	\$	16,427	...	190,434	927,016
Tellurium .....	lb.	...	...	2,940	...
	\$	...	...	4,839	...
Zinc .....	lb.	...	...	7,966,614	...
	\$	...	...	227,766	...
<b>TOTAL METALLICS .....</b>	<b>\$</b>	<b>621,984</b>	<b>...</b>	<b>21,881,677</b>	<b>103,697,205</b>

NON-METALLICSFuels

Coal .....	ton	3,084,905	232,583	...	...
	\$	11,055,045	785,100	...	...
Natural Gas .....	M cu. ft.	...	376,896	...	6,900,000
	\$	...	185,800	...	4,100,000
Peat .....	ton	...	...	...	...
	\$	...	...	...	...
Petroleum, crude .....	brl.	...	8,103	...	100,173
	\$	...	11,453	...	193,592
<b>Total Fuels .....</b>	<b>\$</b>	<b>11,055,045</b>	<b>982,353</b>	<b>...</b>	<b>4,293,592</b>

STRUCTURAL MATERIALS), BY PROVINCES, JANUARY 1 to JUNE 30, 1939.

Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories
...	...	...	388,040	...	...
...	...	...	32,983	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
39,199	35,350	...	283,547	...	...
17,485	15,768	...	126,476	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
34,561,983	7,408,288	...	35,880,113	...	12,983
3,461,037	741,866	...	3,593,035	...	1,300
91,229	33,012	81	313,069	18,726	20,821
1,885,871	682,419	1,674	6,471,710	387,101	430,408
1,322,014	478,382	1,174	4,536,735	271,361	301,721
...	...	...	183,305,913	2,444,350	...
...	...	...	5,545,004	73,942	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
36,737	14,364	...	...	...	...
62,600	24,476	...	...	...	...
503,051	521,852	8	5,253,338	1,544,713	114,866
215,316	223,363	3	2,248,534	661,168	49,165
5,180	2,026	...	...	...	...
8,526	3,335	...	...	...	...
19,739,801	17,734,522	...	133,311,240	...	...
564,361	507,030	...	3,811,368	...	...
7,537,210	2,676,639	2,851	26,365,845	1,393,572	782,594

321	460,134	2,318,679	711,800	...	...
924	586,503	5,948,507	2,529,469	...	...
300	56,000	12,000,000	...	...	...
90	19,600	2,724,000	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	3,254,269	...	...	7,880
...	...	4,500,000	...	...	23,640
1,014	606,103	13,172,507	2,529,469	...	23,640

MINERAL PRODUCTION OF CANADA (EXCLUSIVE OF CLAY PRODUCTS AND OTHER STRUCTURAL

	Nova Scotia	New Brunswick	Quebec	Ontario
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Other Non-Metallics

Asbestos .....	ton	...	...	144,582	...
	\$	...	...	6,049,652	...
Barytes .....	ton	...	...	...	41
	\$	...	...	...	738
Diatomite .....	ton	125	...	...	...
	\$	4,100	...	...	...
Feldspar .....	ton	...	...	1,753	2,724
	\$	...	...	22,214	20,502
Fluorspar .....	ton	...	...	...	12
	\$	...	...	...	303
Graphite .....	\$	...	...	...	25,035
Gypsum .....	ton	258,032	15,976	...	23,282
	\$	284,762	64,911	...	109,025
Iron Oxides (Ochre) ..	ton	...	...	1,560	...
	\$	...	...	33,285	...
Magnesitic-dolomite ..	\$	...	...	152,680(7)	...
Magnesium sulphate ...	ton	...	...	...	...
	\$	...	...	...	...
Mica .....	lb.	...	...	459,352	90,846
	\$	...	...	50,307	4,352
Mineral waters ....	Imp.gal.	...	...	45,546	9,138
	\$	...	...	8,772	549
Nepheline-syenite ....	\$	...	...	...	68,857
Phosphate .....	ton	...	...	4	...
	\$	...	...	35	...
Quartz .....	ton	1,698	...	43,104	647,615(a)
	\$	3,038	...	155,235	275,173
Salt .....	ton	19,054	...	...	158,381
	\$	81,871	...	...	862,215
Silica brick .....	M	220	...	...	159
	\$	7,510	...	...	13,404
Soapstone .....	\$	...	...	11,822	...
Sodium carbonate ....	Ton	...	...	...	...
	\$	...	...	...	...
Sodium sulphate .....	Ton	...	...	...	...
	\$	...	...	...	...
Sulphur (x) .....	ton	...	...	15,097	1,419
	\$	...	...	105,490	74,190
Talc .....	ton	...	...	...	5,355
	\$	...	...	...	54,893
 Total Other Non-Metallics .....	\$	381,281	64,911	6,589,492	1,509,236

(a) Includes low grade silica sand used as flux.

(x) Sulphur content of pyrites shipped and estimated sulphur contained in sulphuric acid and other products made from waste smelter gases.

(7) Primary products only.

NOTE - Figures for Structural Materials are not available by provinces.

MATERIALS), BY PROVINCES, JANUARY 1 to JUNE 30, 1939. (concluded).

Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
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•••	•••	•••	3	•••	•••
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•••	•••	•••	•••	•••	•••
6,111	•••	•••	7,033	•••	•••
50,288	•••	•••	44,566	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	445	•••	•••
•••	•••	•••	8,400	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
64,162 (a)	•••	•••	•••	•••	•••
22,457	•••	•••	•••	•••	•••
1,058	•••	3,026	•••	•••	•••
15,370	•••	30,257	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	40	•••	•••
•••	•••	•••	360	•••	•••
•••	36,222	•••	•••	•••	•••
•••	336,882	•••	•••	•••	•••
•••	•••	•••	49,231	•••	•••
•••	•••	•••	472,390	•••	•••
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
65,658	359,339	30,257	525,803	•••	•••

FINALLY REVISED FIGURES ON THE MINERAL

	Nova Scotia	New Brunswick	Quebec	Ontario
<u>METALLICS</u>				
Antimony (a) .....	lb. \$	24,560 2,200	...	...
Arsenic (As <sub>2</sub> O <sub>3</sub> ) .....	lb. \$	...	...	2,175,648 56,538
Bismuth .....	lb. \$	...	...	9,516 9,754
Cadmium .....	lb. \$	...	...	...
Chromite .....	ton \$=	...	...	...
Cobalt .....	lb. \$	...	...	459,226 790,913
Copper .....	lb. \$	...	112,645,797 11,235,039	309,030,106 30,405,500
Gold .....	fine oz. (standard)\$	26,560 549,044	...	881,263 18,217,322 2,896,477 59,875,492
Estimated exchange equalization on gold produced .....	\$	385,204	...	12,781,104 42,008,086
Lead .....	lb. \$	...	...	22,363 748
Manganese ore .....	ton \$	...	...	...
Mercury .....	lb. \$	...	...	...
Molybdenite (concentrates) .....	ton \$	...	...	7 4,500
Nickel .....	lb. \$	...	...	210,572,738 53,914,494
Palladium, Rhodium, fine oz. Iridium, etc. ....	\$	...	...	130,893 3,677,342
Platinum .....	fine oz. \$	...	...	161,310 5,196,279
Radium and uranium(products)\$		...	...	...
Selenium .....	lb. \$	...	217,952 378,147	54,577 94,691
Silver .....	fine oz. \$	988 430	1,189,495 517,157	4,318,837 1,877,701
Tellurium .....	lb. \$	...	41,577 71,512	...
Titanium ore .....	ton \$	...	207 1,449	...
Zinc .....	lb. \$	...	5,315,852 163,356	...
<b>TOTAL METALLICS .....</b>	<b>\$</b>	<b>936,878</b>	<b>43,363,086</b>	<b>197,912,038</b>
<u>NON-METALLICS</u>				
Fuels				
Coal .....	ton \$	6,236,417 22,523,802	342,238 1,133,346	...
Natural Gas .....	M cu.ft. \$	...	577,492 284,689	10,952,806 6,460,764
Peat .....	ton \$	...	...	620 3,500
Petroleum, crude .....	brl. \$	...	19,276 27,246	172,641 359,268
<b>Total Fuels .....</b>	<b>\$</b>	<b>22,523,802</b>	<b>1,445,281</b>	<b>6,823,532</b>
(a) Contained in concentrates				

## PRODUCTION OF CANADA, BY PROVINCES, 1938.

Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	...	...	...	24,560
...	...	...	...	...	...	2,200
...	...	...	...	...	...	2,175,646
...	...	...	...	...	...	56,538
...	...	...	...	...	...	9,516
...	...	...	...	...	...	9,754
115,166	73,630	...	510,342	...	...	699,138
92,543	59,166	...	410,090	...	...	561,799
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	459,226
...	...	...	...	...	...	790,913
65,582,772	18,156,157	...	65,759,265	75,567	...	571,249,664
6,539,914	1,810,532	...	6,557,514	7,535	...	56,554,034
185,706	50,021	305	605,617	6,800	72,368	4,725,117
3,858,884	1,034,026	6,305	12,519,214	140,568	1,495,979	97,676,834
2,693,325	725,463	4,423	8,783,364	98,622	1,049,565	68,529,156
...	...	...	413,706,307	...	5,198,990	418,927,660
...	...	...	13,834,339	...	173,854	14,008,941
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	760	...	...	760
...	...	...	760	...	...	760
...	...	...	...	...	...	7
...	...	...	...	...	...	4,500
...	...	...	...	...	...	210,572,738
...	...	...	...	...	...	53,914,494
...	...	...	...	...	...	130,893
...	...	...	...	...	...	3,677,342
...	...	...	16	...	...	161,326
...	...	...	515	...	...	5,196,794
...	...	...	(b)	...	...	(b)
57,788	28,612	...	...	...	...	358,929
100,262	49,642	...	...	...	...	622,742
1,198,315	898,413	23	11,186,563	581,902	2,844,659	22,219,195
520,991	390,603	10	4,863,582	252,993	1,236,772	9,660,239
4,454	2,206	...	...	...	...	48,237
7,661	3,794	...	...	...	...	82,967
...	...	...	...	...	...	207
...	...	...	...	...	...	1,449
46,864,575	29,962,597	...	299,363,564	...	...	381,506,588
1,440,148	920,751	...	9,199,443	...	...	11,723,698
15,233,728	4,993,977	10,738	56,168,821	499,718	3,956,170	323,075,154

(b) Data not available for publication.

2,016	1,022,166	5,251,233	1,440,287	...	361	14,294,718
5,660	1,380,416	13,698,470	5,237,077	...	3,400	43,982,171
600	90,285	21,822,108	...	1,500	...	33,444,791
180	34,136	4,807,346	...	335	...	11,587,450
...	...	...	...	...	...	620
...	...	...	...	...	...	3,500
...	...	6,751,312	...	22,855	...	6,966,084
...	...	8,775,094	...	68,565	...	9,232,173
5,840	1,414,552	27,280,910	5,237,077	68,900	3,400	64,803,294

FINALLY REVISED STATISTICS ON THE MINERAL

	Nova Scotia	New Brunswick	Quebec	Ontario
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NON-METALLICS (concluded)

Other Non-Metallic and Industrial Minerals

Asbestos .....	ton	...	...	289,793	...
	\$	...	...	12,890,195	...
Bituminous sands (a) .....	ton	...	...	...	...
	\$	...	...	...	...
Diatomite .....	ton	384	...	...	...
	\$	13,480	...	...	...
Feldspar .....	ton	...	...	5,874	8,106
	\$	...	...	62,878	65,964
Fluorspar .....	ton	...	...	...	217
	\$	...	...	...	3,906
Graphite .....	\$	...	...	...	41,590
Grindstones (includes pulpstones, etc.) ....	ton	131	175	...	...
	\$	7,006	9,192	...	...
Gypsum .....	ton	870,856	48,418	...	57,503
	\$	908,383	159,203	...	242,470
Iron Oxides (Ochre) .....	ton	...	...	5,387	...
	\$	...	...	67,209	...
Magnesitic-dolomite .....	\$	...	...	420,261	...
Magnesium sulphate .....	ton	...	...	...	...
	\$	...	...	...	...
Mica .....	lb.	...	...	436,037	504,739
	\$	...	...	72,982	6,445
Mineral waters .....	Imp. gal.	...	...	159,893	28,416
	\$	...	...	19,033	2,586
Nepheline-syenite .....	\$	...	...	...	142,737
Phosphate .....	ton	...	...	208	...
	\$	...	...	1,886	...
Quartz .....	ton	4,701	...	85,153	1,173,259
	\$	8,415	...	315,251	597,037
Salt .....	ton	44,950	...	...	388,130
	\$	194,759	...	...	1,637,140
Silica brick .....	M	1,193	...	...	595
	\$	49,811	...	...	50,592
Soapstone (A) .....	\$	...	...	35,038	...
Sodium carbonate .....	ton	...	...	...	...
	\$	...	...	...	...
Sodium sulphate .....	ton	...	...	...	...
	\$	...	...	...	...
Sulphur (x) .....	ton	...	...	16,580	16,897
	\$	...	...	98,261	168,970
Talc .....	ton	...	...	...	10,853
	\$	...	...	...	109,810
Total Other Non-Metallics.	\$	1,181,854	168,395	13,982,994	3,069,247

(x) Sulphur content of pyrites shipped and estimated sulphur contained in sulphuric acid and elemental sulphur made from waste smelter gases.

(-/) Includes some talc.

PRODUCTION OF CANADA, BY PROVINCES, 1938. (continued)

	Saskat- Manitoba	chewan	British Alberta	Northwest Columbia	Territories	Yukon	CANADA
...	...	...	...	...	...	...	289,793
...	...	...	...	...	...	...	12,890,195
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	14	...	...	...	398
...	...	...	362	...	...	...	13,842
78	...	...	...	...	...	...	14,058
451	...	...	...	...	...	...	129,293
...	...	...	...	...	...	...	217
...	...	...	...	...	...	...	3,906
...	...	...	...	...	...	...	41,590
...	...	...	...	...	...	...	306
...	...	...	...	...	...	...	16,198
14,571	...	...	17,451	...	...	...	1,008,799
92,129	...	...	100,080	...	...	...	1,502,265
...	...	...	434	...	...	...	5,821
...	...	...	4,560	...	...	...	71,769
...	...	...	...	...	...	...	420,261
...	...	...	470	...	...	...	470
...	...	...	9,400	...	...	...	9,400
...	...	...	96,250	...	...	...	1,037,026
...	...	...	1,562	...	...	...	80,989
...	...	...	...	...	...	...	188,309
...	...	...	...	...	...	...	21,619
...	...	...	...	...	...	...	142,737
...	...	...	...	...	...	...	208
...	...	...	...	...	...	...	1,886
...	116,898	...	...	...	...	...	1,380,011
...	40,914	...	...	...	...	...	961,617
2,920	...	4,045	...	...	...	...	440,045
34,979	...	46,035	...	...	...	...	1,912,913
...	...	...	...	...	...	...	1,788
...	...	...	...	...	...	...	100,403
...	...	...	...	...	...	...	35,038
...	...	...	252	...	...	...	252
...	...	...	2,268	...	...	...	2,268
...	62,920	89	...	...	...	...	63,009
...	552,180	1,127	...	...	...	...	553,307
...	...	...	78,918	...	...	...	112,395
...	...	...	777,586	...	...	...	1,044,817
...	...	...	...	...	...	...	10,853
...	...	...	...	...	...	...	109,810
127,559	593,094	47,162	895,818	...	...	...	20,066,123

(a) Data relating to production now included with those of petroleum refining.

FINALLY REVISED STATISTICS ON THE MINERAL

	Nova Scotia	New Brunswick	Quebec	Ontario
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CLAY PRODUCTS AND OTHER  
STRUCTURAL MATERIALS

Clay Products

Clay - Fireclay .....	ton	1,307	40	...	...
	\$	4,038	1,596	...	...
Bentonite .....	ton	...	...	...	...
	\$	...	...	...	...
Brick - Soft mud process -					
Face .....	M	...	25	...	10,813
	\$	...	500	...	208,110
Common .....	M	342	1,415	2,486	9,096
	\$	3,500	20,701	23,363	114,401
Stiff mud process - (wire cut)					
Face .....	M	477	1,157	14,440	16,215
	\$	10,767	27,780	286,323	302,241
Common .....	M	4,283	2,273	24,875	14,809
	\$	54,918	28,829	337,876	208,388
Dry press -					
Face .....	M	...	...	1,877	9,928
	\$	...	...	47,508	192,618
Common .....	M	...	...	4,571	3,886
	\$	...	...	71,309	58,558
Fancy or ornamental brick .....	M	...	...	...	63
	\$	...	...	...	4,175
Sewer brick .....	M	...	...	...	228
	\$	...	...	...	3,581
Paving brick .....	M	...	...	...	...
	\$	...	...	...	...
Firebrick .....	M	2	...	...	...
	\$	70	...	...	...
Fireclay blocks and shapes ...	\$	727	...	...	...
Structural tile -					
Hollow blocks .....	ton	4,716	811	20,934	36,094
	\$	46,736	6,239	166,232	298,466
Roofing tile .....	No.	...	...	...	150,204
	\$	...	...	...	5,183
Floor tile (quarries) .....	Sq. ft.	...	...	...	100,000
	\$	...	...	...	15,190
Drain tile .....	M	164	178	647	10,748
	\$	4,943	7,968	17,600	252,444
Sewer pipe, copings, flue linings, etc. ....	\$	214,554	1,432	71,433	342,549
Pottery, glazed or unglazed ..	\$	...	28,580	...	59,092
Other clay products .....	\$	...	...	550	18,500
Total Clay Products .....	\$	340,253	123,625	1,022,194	2,083,496

PRODUCTION OF CANADA, BY PROVINCES, 1938. (continued)

Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	530	...	467	...	...	2,344
...	5,120	...	6,489	...	...	17,243
...	...	1,136	43	...	...	1,179
...	...	3,444	215	...	...	3,659
...	...	...	...	...	...	10,838
...	...	...	...	...	...	208,610
4,395	50	1,058	5,262	...	...	24,104
64,514	600	13,692	72,311	...	...	313,082
784	153	202	751	...	...	34,179
18,117	3,814	3,225	19,204	...	...	671,471
967	250	1,717	1,560	...	...	50,734
12,559	2,498	12,196	24,480	...	...	681,744
...	51	1,095	174	...	...	13,125
...	1,788	16,343	7,782	...	...	266,039
...	...	7,079	...	...	...	15,536
...	...	62,874	...	...	...	192,741
...	...	...	...	...	...	63
...	...	...	...	...	...	4,175
...	...	...	...	...	...	228
...	...	...	...	...	...	3,581
...	...	...	1	...	...	1
...	...	...	34	...	...	34
...	307	20	1,884	...	...	2,213
...	16,765	1,003	95,743	...	...	113,581
...	62,595	...	10,190	...	...	73,512
574	995	3,387	3,137	...	...	70,648
5,948	8,119	29,418	30,258	...	...	591,416
...	...	...	300	...	...	150,504
...	...	...	13	...	...	5,196
...	...	...	958	...	...	100,958
...	...	...	140	...	...	15,330
80	...	92	953	...	...	12,862
4,196	...	3,552	32,071	...	...	322,774
...	...	93,071	55,068	...	...	778,107
...	...	138,519	9,699	...	...	235,890
...	17,414	...	1,435	...	...	37,899
105,334	118,713	377,337	365,132	...	...	4,536,084

FINALLY REVISED STATISTICS ON THE MINERAL

	Nova Scotia	New Brunswick	Quebec	Ontario
<b>CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS - concluded</b>				
<b><u>Other Structural Materials</u></b>				
Cement .....	brl.	...	...	2,730,320
	\$	...	...	3,693,188
Lime (a).....	ton	12,351	15,247	137,314
	\$	110,648	119,556	843,331
Sand and gravel .....	ton	2,077,378	3,833,540	12,523,404
	\$	1,013,266	1,825,383	3,532,873
Stone (a).....	ton	63,662	13,279	2,196,384
	\$	146,944	120,325	2,527,928
<b>Total Other Structural Materials .....</b>				
	\$	1,270,858	2,065,264	10,597,320
				9,913,681
<b>GRAND TOTAL :.....</b>				
	\$	26,253,645	3,802,565	68,965,594
				219,801,994

(a) Includes relatively large quantities used as a chemical.

PRODUCTION OF CANADA, BY PROVINCES, 1938. (concluded)

Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
330,889	...	304,373	335,488	...	...	5,519,102
754,427	...	611,790	626,731	...	...	8,241,350
19,824	...	12,053	19,655	...	...	486,922
198,685	...	107,012	174,161	...	...	3,542,652
1,216,084	1,037,753	792,760	2,211,682	...	...	32,223,882
645,812	662,511	525,175	751,491	...	...	12,002,554
39,378	...	1,691	288,337	...	...	5,116,022
101,617	...	6,148	329,899	...	...	5,556,026
1,700,541	662,511	1,250,125	1,882,282	...	...	29,342,582
17,173,002	7,782,847	28,966,272	64,549,130	568,618	3,959,570	441,823,237

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF ARSENIC - JANUARY 1 to JUNE 30, 1938  
and 1939.

	1 9 3 8		1 9 3 9	
	Pounds	Value	Pounds	Value
	\$		\$	
<u>PRODUCTION</u> -				
White arsenic .....	645,615	19,525	1,053,569	31,607
<u>IMPORTS</u> -				
White arsenic (arsenious oxide) ....	150,805	2,798	510,752	7,574
Sulphide of arsenic .....	4,992	98	100	26
Soda, arseniate, bi-arseniate and stannate of .....	6,208	1,520	7,750	1,625
Arsenate of lead .....	387,771	31,310	483,744	42,318
Arsenate of lime .....	27,440	2,892	129,426	7,501
<u>EXPORTS</u> -				
Arsenic, n.o.p. .....	211,600	7,564	594,000	17,318

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF COPPER, JANUARY 1 to JUNE 30, 1938  
and 1939.

	1 9 3 8		1 9 3 9	
	Pounds	Value	Pounds	Value
	\$		\$	
<u>PRODUCTION - By Provinces</u> -				
Nova Scotia .....	...	...	285,274	28,567
Quebec .....	54,121,838	5,169,177	44,415,680	4,447,786
Ontario .....	163,897,090	15,492,188	163,677,920	16,131,394
Manitoba .....	33,791,190	3,227,396	34,561,983	3,461,037
Saskatchewan .....	7,365,050	703,436	7,408,288	741,866
British Columbia .....	33,221,703	3,175,005	35,880,113	3,593,035
Northwest Territories .....	...	...	12,983	1,300
TOTAL .....	292,396,871	27,765,202	286,242,241	28,404,985
<u>By Sources</u> -				
In blister and anode copper produced .....	245,141,550	23,413,470	239,925,147	24,026,104
(x) In ores shipped and con- centrates exported .....	40,919,622	3,908,233	37,713,491	3,776,629
In copper-nickel matte exported	6,335,699	443,499	8,603,603	602,252
TOTAL .....	292,396,871	27,765,202	286,242,241	28,404,985
(x) Includes copper in matte exported from British Columbia.				

IMPORTS -

Copper in bars or rods, when im- ported by manufacturers of trolley, telegraph and telephone wires and electric cables for use only in the manufacture of such articles in their own factories .....	461,400	61,207	590,300	80,605
Copper in bars or rods, in coil or otherwise, in lengths of not less than 6 feet, unmanufactured ..	101,700	16,563	36,800	6,519
Copper in blocks, pigs or ingots	7,100	863	2,100	246
Copper in strips, sheets or plates, not polished or coated .....	98,200	21,755	117,600	29,069
Copper tubing in lengths of not less than 6 feet, and not polished, bent or otherwise manufactured	176,158	49,048	133,210	39,682

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF COPPER - JANUARY 1 to JUNE 30, 1938 and  
1939.

	1 9 5 8	1 9 5 9	
	Pounds	Value	Pounds
<b>IMPORTS (concluded)</b>			
Copper wire .....	12,696	2,419	3,418
Copper wire cloth, or woven wire of copper .....	...	1,818	...
Copper, all other, manufactures of, n.o.p. ....	...	255,060	...
Copper, precipitate of, crude ....	2,000	182	...
Copper, sub-acetate of, or verdi- gris, dry .....	800	294	...
Copper, sulphate of (blue vitriol) and copper sulphate of, dehydrated for agricultural or spraying purposes .....	2,473,565	89,861	2,921,062
Copper rollers adapted for use in calico printing .....	...	28,360	...
<b>TOTAL</b> .....	<b>...</b>	<b>507,450</b>	<b>519,962</b>

**EXPORTS -**

Copper, fine, contained in ore, matte, regulus, etc. ....	57,347,400	3,958,980	60,264,700	4,218,530
Copper, blister ....	15,893,400	1,620,287	15,203,600	1,522,604
Copper, old and scrap ....	1,196,000	61,779	2,616,400	172,326
Copper in ingots, bars, cakes, slabs and billets ....	170,984,900	16,757,510	180,001,700	17,985,418
Copper in rods, strips, sheets, plates and tubing ....	22,268,800	2,428,571	25,512,600	2,831,741
Copper wire and cable ....	...	204,046	...	280,295
Copper manufactures, n.o.p. ....	...	180,236	...	25,280
<b>TOTAL</b> .....	<b>...</b>	<b>25,211,209</b>	<b>...</b>	<b>27,034,194</b>
Copper coin, foreign .....	...	4,188	...	1,681
Copper coin, Canadian .....	...	...	...	39

**WORLD PRODUCTION OF COPPER(a) - JANUARY TO JUNE, 1939.**

(Short tons)

	CRUDE		REFINED	
	United States mine	Foreign mine	United States	Foreign
January .....	55,285	92,244	66,182	107,298
February .....	49,915	87,826	59,225	103,428
March .....	50,626	90,122	66,718	105,780
April .....	48,811	86,386	58,368	107,940
May .....	47,751	90,593	68,536	101,956
June .....	47,872	89,473	61,719	111,486
<b>TOTAL</b> .....	<b>300,258</b>	<b>536,644</b>	<b>380,748</b>	<b>637,868</b>

(a) Copper Institute figures - taken from Engineering and Mining Journal (Metal and Mineral Markets) New York.

PRODUCTION OF GOLD(x), BY PROVINCES AND BY SOURCES, JANUARY 1 to JUNE 30, 1938 and  
1939.

	1	9	5	8	1	9	3	9
	Fine				Fine			
	ounces	\$			ounces	\$		
<u>NOVA SCOTIA -</u>								
In gold bullion and in ores exported	12,704	262,615			16,409		339,204	
Equalization exchange .....	...	183,677			...		237,786	
TOTAL NOVA SCOTIA IN CANADIAN FUNDS	...	446,292			...		576,990	
<u>QUEBEC -</u>								
In gold bullion, blister copper and in ores shipped .....	425,018	8,785,902			482,616		9,976,558	
Equalization exchange .....	...	6,144,980			...		6,993,669	
TOTAL QUEBEC IN CANADIAN FUNDS .....	...	14,930,882			...		16,970,227	
<u>ONTARIO -</u>								
Porcupine Area -								
In gold bullion .....	598,744	12,377,137			643,632		13,305,054	
Kirkland Lake Area (/) -								
In gold bullion .....	501,941	10,376,041			526,030		10,874,005	
Other gold mines and in matte and blister copper .....	271,934	5,621,374			346,947		7,172,030	
Total Ontario .....	1,372,619	28,374,552			1,516,609		31,351,089	
Equalization exchange .....	...	19,845,555			...		21,977,435	
TOTAL ONTARIO IN CANADIAN FUNDS ...	...	48,220,105			...		55,328,522	
<u>MANITOBA -</u>								
In gold bullion from gold mines and in blister copper .....	93,191	1,926,429			91,229		1,885,871	
Equalization exchange .....	...	1,347,371			...		1,322,014	
TOTAL MANITOBA IN CANADIAN FUNDS ..	...	3,273,800			...		3,207,885	
<u>SASKATCHEWAN -</u>								
In blister copper, gold ores and placer gold .....	20,421	422,140			33,012		682,419	
Equalization exchange .....	...	295,250			...		478,382	
TOTAL SASKATCHEWAN IN CANADIAN FUNDS .....	...	717,390			...		1,160,801	
<u>ALBERTA -</u>								
In crude alluvial gold .....	...	...			81		1,674	
Equalization exchange .....	...	...			...		1,174	
TOTAL ALBERTA IN CANADIAN FUNDS ...	...	...			...		2,848	
<u>BRITISH COLUMBIA -</u>								
In alluvial gold .....	12,000	248,062			11,200		231,524	
In gold bullion from gold mines ....	151,642	3,134,718			195,328		4,037,788	
In base bullion (a) and in ores, etc., exported .....	117,751	2,434,129			106,541		2,202,398	
Total British Columbia .....	281,393	5,816,909			313,069		6,471,710	
Exchange equalization .....	...	4,068,427			...		4,536,735	
TOTAL BRITISH COLUMBIA IN CANADIAN FUNDS .....	...	9,885,356			...		11,008,445	
<u>NORTHWEST TERRITORIES -</u>								
In silver ores and gold bullion ...	5	103			20,821		430,408	
Exchange equalization .....	...	72			...		301,721	
TOTAL NORTHWEST TERRITORIES IN CANADIAN FUNDS .....	...	175			...		732,129	

PRODUCTION OF GOLD(x), BY PROVINCES AND BY SOURCES, JANUARY 1 to JUNE 30, 1938 and  
1939 (concluded)

	1938	1939		1938	1939
	Fine ounces	\$		Fine ounces	\$
<b>YUKON -</b>					
In alluvial gold, gold bullion and					
in ores exported .....	13,958	288,537	18,726	387,101	
Exchange equalization .....	...	201,808	...	271,361	
TOTAL YUKON IN CANADIAN FUNDS .....	...	490,345	...	658,462	

TOTAL - At Standard Price of Gold ...	2,219,309	45,877,187	2,492,572	51,526,034
Estimated equalization on gold produced	...	32,087,138	...	36,120,275
TOTAL VALUE IN CANADIAN FUNDS .....	...	77,964,325	...	87,646,309

- (x) Gold valued at \$20.671834 per fine ounce and equalization exchange estimated with gold valued at \$35.16 in 1939 and \$35.13 in 1938.  
 (a) Includes gold recovered from treatment of silver-lead ores, high grade gold ores, etc.  
 (A) Includes Larder Lake camp.

IMPORTS INTO CANADA and EXPORTS OF GOLD, JANUARY 1 to JUNE 30, 1938 and 1939.

	1938	1939
<b>IMPORTS -</b>		
<b>Coin and bullion -</b>		
Gold coins .....	\$ 45,168	2,940,943
Coins, n.o.p. ....	\$ 629,324	710,867
Gold in bars, blocks, ingots, drops, sheets or plates, unmanufactured .....	\$ 26,297,752	362,136,332
Gold, other -		
Bullion or gold fringe .....	\$ 2,536	1,698
Manufactures of gold and silver -		
Leaf .....	\$ 28,304	32,854
Sweepings .....	\$ 104	...
Manufactures, n.o.p. ....	\$ 11,571	13,866
Electroplated ware .....	\$ 619,445	568,982
Gold, unmanufactured, for commercial purposes .....	\$ 30,064	43,153
<b>EXPORTS -</b>		
Gold-bearing quartz, dust, nuggets and crude bullion obtained direct from mining operations .....	\$ 3,979,806	4,007,575
Jewellers' sweepings (gold, silver and platinum) .....	\$ 725,978	545,671
<b>Coin and bullion -</b>		
Gold bullion other than monetary .....	\$ 47,477	54,445,553
Canadian gold bullion - monetary .....	\$ ...	...
Canadian gold coin - monetary .....	\$ ...	9,301
Foreign gold bullion - monetary .....	\$ ...	...
Foreign gold coin - monetary .....	\$ 28,409,597	...
Foreign gold coin - other than monetary .....	\$ 19,207,284	69,454

## GOLD PRODUCTION OF THE WORLD - JANUARY 1 to JUNE 30, 1939.

Source - American Bureau of Metal Statistics

Country	Thousands of fine ounces
United States (a)	2,494
Canada	2,479
Mexico	415
Colombia	286
Chile	141
Other America	475
Rumania	72
Europe (b)	245
British India (c)	159
Japan (c)	410
Other Asia (b)	700
Queensland	71
Western Australia	568
Other Australia (d)	195
New Guinea	113
New Zealand	84
South Africa	6,258
Belgian Congo	258
Rhodesia	383
British West Africa	394
Other Africa	247
Total - ex. Russia	16,427
Total - ex. Russia previous year	15,168

(a) Includes Philippines.

(b) Exclusive of Russia;

(c) Principal mines only, but nearly complete. Owing to governmental interdiction the accounting for Japan is now necessarily on the assumption that it is being maintained about at prior rate.

(d) Including Fiji and Papua.

## PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF LEAD, JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8	1 9 3 9		
	Pounds	\$	Pounds	\$
<u>PRODUCTION -</u>				
Ontario	7,329	249	5,100	154
British Columbia	203,078,408	6,892,481	183,305,913	5,545,004
Yukon	1,875,384	63,650	2,444,350	73,942
TOTAL	204,961,121	6,956,380	185,755,363	5,619,100

IMPORTS -

Old and scrap pig and block .....	44,241	2,418	...	...
Bars and sheets .....	20,281	1,131	61,785	3,469
Litharge .....	828,100	54,380	979,200	62,428
Acetate of lead .....	83,506	4,906	83,039	4,416
Nitrate of lead .....	81,316	4,906	92,008	5,647
Other manufactures .....	...	31,969	...	34,008
Lead pipe .....	14,682	889	28,840	1,579
Shots and bullets .....	3,831	291	2,698	267
Tetrachthyl lead, compounds of ..	2,160,121	976,809	2,314,201	1,042,230

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PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF LEAD, JANUARY 1 to JUNE 30, 1958 and  
1939 (concluded)

	1 9 3 8		1 9 3 9	
	Pounds		Pounds	
<b>IMPORTS (concluded) -</b>				
Lead pigments -				
Dry white lead .....	71,240	4,226	3,725	355
White lead, ground in oil .....	2,006	184	9,470	910
Dry red lead and orange mineral	277,761	18,829	242,216	17,936
TOTAL .....	... 1,100,938	... 1,175,245		

**EXPORTS -**

Lead contained in ore .....	473,100	16,489	251,800	7,220
Pig lead .....	144,205,200	4,179,586	204,882,900	5,032,060
TOTAL .....	144,678,300	4,196,075	205,114,700	5,039,280

**REFINED LEAD PRODUCTION OF THE WORLD - JANUARY 1 to JUNE 30, 1939.**

Source - American Bureau of Metal Statistics.

Country	Short tons
United States (a) .....	229,447
Canada .....	92,478
Mexico .....	86,568
France .....	26,371
Yugoslavia .....	4,406
Germany and Austria .....	100,675
Italy .....	21,707
Poland .....	9,429
Other Europe (b) .....	99,000
Australia (c) .....	128,131
Burma .....	45,098
Tunis .....	15,654
Elsewhere (d) .....	87,800
WORLD'S TOTAL .....	944,764
Whereof for Russia and Japan, inc. Chosen .....	48,300(x)

(a) Domestic only.

(b) Belgium, Russia, Great Britain and Czechoslovakia; partly estimated.

(c) Includes Australian lead refined in Great Britain.

(d) Partly estimated. Comprises Argentina, Peru, Japan and what is probably the major part of Spanish production; also the product of foreign ore smelted in the United States and Mexican base bullion refined in the United States during period of strike.

(x) Conjectural.

PRODUCTION OF SILVER IN CANADA, BY PROVINCES AND BY SOURCES, JANUARY 1 to JUNE 30,  
1958 and 1939.

	1 9 3 8		1 9 3 9	
	Fine ounces		Fine ounces	
<b>NOVA SCOTIA -</b>				
In gold bullion and ores exported ....	432	190	38,378	16,427
<b>QUEBEC -</b>				
In gold ores, in blister copper and in ores exported .....	517,747	227,244	444,919	190,434

PRODUCTION OF SILVER IN CANADA, BY PROVINCES AND BY SOURCES, JANUARY 1 TO JUNE 30.  
1938 and 1939 (concluded)

	1 9 3 8	Fine ounces	\$	1 9 3 9	Fine ounces	\$
<b>ONTARIO -</b>						
In silver bullion (x) .....	396,746	174,136		641,691	274,656	
In gold bullion (a) .....	261,851	114,929		242,778	103,914	
In matte and base bullion exported, in blister copper produced and in ores exported from province .....	1,194,675	524,355	1,281,356	548,446		
Total Ontario .....	1,853,272	813,420	2,165,825	927,016		
<b>MANITOBA -</b>						
In gold bullion, in blister copper and ores shipped .....	649,015	284,859	503,051	215,316		
<b>SASKATCHEWAN -</b>						
In blister copper, gold ores, and alluvial gold .....	384,092	168,582	521,852	223,363		
<b>ALBERTA -</b>						
In alluvial gold .....	...	...	8		3	
<b>BRITISH COLUMBIA -</b>						
In alluvial gold .....	2,700	1,185	2,520	1,079		
In gold bullion .....	51,350	22,538	49,084	21,009		
In base bullion and in ores exported..	5,351,592	2,348,867	5,201,734	2,226,446		
Total British Columbia .....	5,405,642	2,372,590	5,253,338	2,248,534		
<b>YUKON -</b>						
In alluvial gold, gold bullion, and in silver-lead ores exported .....	1,423,376	624,734	1,544,713	661,168		
<b>NORTHWEST TERRITORIES -</b>						
In pitchblende-silver ores and gold bullion .....	298,435	130,986	114,866	49,165		
<b>TOTAL - CANADA .....</b>	<b>10,532,011</b>	<b>4,622,605</b>	<b>10,586,950</b>	<b>4,531,426</b>		

(x) Recovered from silver-cobalt ores.

(a) Includes silver in slag shipments to Canadian smelters.

NOTE - Silver evaluated at 42.802 cents per fine ounce in 1939 and 43.891 cents per  
fine ounce in 1938, in Canadian funds.

IMPORTS INTO CANADA AND EXPORTS OF SILVER - JANUARY 1 TO JUNE 30, 1938 and 1939.

	1 9 3 8	Fine ounces	\$	1 9 3 9	Fine ounces	\$
<b>IMPORTS -</b>						
Silver in bars, etc., unmanufactured ..	1,238,608	529,011	1,749,740	740,605		
Silver, manufactures of, n.o.p., and articles consisting wholly or in part of sterling, and other silverware ....	...	131,512		...	137,864	
Silver and other coin, except gold .....	...	...	...	...	...	...
<b>TOTAL .....</b>	<b>...</b>	<b>660,523</b>		<b>...</b>	<b>878,469</b>	
<b>EXPORTS -</b>						
Silver contained in ore, concentrates, etc. ....	1,385,983	617,793	1,254,829	533,099		
Silver bullion .....	14,798,295	6,449,218	7,185,026	3,088,779		
<b>TOTAL .....</b>	<b>16,184,278</b>	<b>7,067,011</b>	<b>8,439,855</b>	<b>3,621,878</b>		
Silver coin - Foreign .....	...	678,263		...	524,050	
Canadian .....	...	...	...	...	5,315	

SILVER PRODUCTION OF THE WORLD - JANUARY 1 to JUNE 30, 1939.

Source - American Bureau of Metal Statistics

Country	Thousands of fine ounces
United States .....	29,534
Canada .....	9,402
Mexico .....	(a)
Peru .....	9,650
Other America .....	8,950
Europe .....	10,780
Australia, refined .....	4,789
Other Australia and New Zealand .....	2,725
Japan (b) .....	(x) 5,250
Burma, refined .....	3,310
Other Asia .....	2,310
South Africa .....	566
Belgian Congo .....	1,200
Other Africa .....	670
<b>TOTAL - ex. Mexico .....</b>	<b>89,136</b>

(a) Not yet reported. The production of Mexico for January - April, 1939, was 18,496,000 ounces.

(b) Owing to governmental interdiction the accounting for Japan is now necessarily on the assumption that it is being maintained about at prior rate, but recent unofficial advices suggest that the Japanese production has been increasing this year and may now be around the rate of 1,000,000 ounces per month.

(x) Conjectural.

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF ZINC, JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8			
	Pounds	\$	Pounds	\$
<u>PRODUCTION -</u>				
Quebec .....	...	...	7,966,614	227,766
Manitoba .....	25,030,307	778,192	19,739,801	564,361
Saskatchewan .....	12,957,584	402,851	17,734,522	507,030
British Columbia .....	159,963,532	4,973,260	133,311,240	3,811,368
<b>TOTAL .....</b>	<b>197,951,223</b>	<b>6,154,303</b>	<b>178,752,177</b>	<b>5,110,525</b>
<u>IMPORTS -</u>				
Zinc dust .....	259,900	16,363	236,600	16,500
Zinc in blocks, pigs, bars and rods and zinc plates, n.o.p. ....	2,400	322	29,900	2,159
Zinc strip and sheets and zinc plate for marine boilers .....	3,895,100	270,512	3,179,000	221,061
Zinc spelter .....	1,200	87	...	...
Zinc white .....	5,099,397	213,705	4,406,165	170,522
Zinc sulphate .....	248,749	4,393	215,132	3,676
Zinc, chloride of .....	656,287	24,868	1,014,346	36,470
Zinc, manufactures of, n.o.p. ....	...	96,685	...	119,232
Lithopone .....	5,275,597	183,447	9,756,173	343,807
<u>EXPORTS -</u>				
In ore .....	29,208,400	820,447	...	...
Spelter .....	134,471,400	4,587,265	162,973,500	4,635,540
Scrap, dross and ashes .....	792,900	15,409	2,143,500	22,378
<b>TOTAL .....</b>	<b>164,472,700</b>	<b>5,423,121</b>	<b>165,117,000</b>	<b>4,657,918</b>

ZINC PRODUCTION OF THE WORLD - JANUARY 1 to JUNE 30, 1939.

Source - American Bureau of Metal Statistics.

Country	Short tons
United States .....	253,762
Other North America .....	106,897
Belgium and Netherlands (a) .....	132,000
France .....	32,694
Germany (c) .....	114,500
Italy .....	17,951
Poland .....	66,320
Yugoslavia .....	2,865
Rhodesia .....	6,994
Spain .....	6,234
Anglo-Australian .....	63,883
Elsewhere (b) .....	101,410
WORLD'S TOTAL .....	905,510
Whereof for Russia and Japan .....	71,200(x)

(a) Partly estimated.

(b) Includes Norway, Peru and Indo-China with estimates for Japan and Russia.

(c) Includes production of Sudetenland.

(x) Conjectural.

FUELSOUTPUT AND VALUE OF CANADIAN COAL, BY PROVINCES AND GRADES, JANUARY 1 to JUNE 30,  
1938 and 1939. (short tons)

Province	1938 (a)		1939		Total Value
	Output	Total Value	Output	Total Value	
NOVA SCOTIA (Bituminous).....	3,260,918	11,397,458	3,084,905	11,055,045	
NEW BRUNSWICK (Bituminous) .....	166,122	559,530	232,583	785,100	
MANITOBA (Lignite) .....	942	2,537	321	924	
SASKATCHEWAN (Lignite) .....	417,326	561,087	460,134	586,503	
ALBERTA -					
Bituminous .....	1,139,843	3,211,642	1,140,986	3,198,018	
Sub-bituminous .....	259,040	653,170	234,235	589,604	
Lignite .....	960,998	2,164,346	943,458	2,160,885	
Total for Alberta .....	2,359,881	6,029,158	2,318,679	5,948,507	
BRITISH COLUMBIA (Bituminous) .....	725,682	2,605,583	711,800	2,529,469	
YUKON (Bituminous) .....	502	2,810	...	...	
CANADA - Bituminous .....	5,292,867	17,777,023	5,170,274	17,567,632	
Sub-bituminous .....	259,040	653,170	234,235	589,604	
Lignite .....	1,379,266	2,727,970	1,403,913	2,748,312	
TOTAL .....	6,931,173	21,158,163	6,808,422	20,905,548	

(a) Revised.

29-

COAL MADE AVAILABLE FOR CONSUMPTION IN CANADA, JANUARY 1 to JUNE 30, 1938 and 1939.  
(short tons)

Month	1 9 3 8				Coal made available for use				1 9 3 9				Coal made available for use		
	Output	Imports	Exports	available	Output	Imports	Exports	available	Output	Imports	Exports	available	Output	Imports	
Jan...	1,470,964	533,897	44,193	1,960,668	1,198,990	467,479	40,036	1,626,433							
Feb...	1,409,036	440,958	52,667	1,817,327	1,298,324	430,806	29,272	1,699,858							
March.	1,222,621	497,612	28,012	1,692,221	1,177,132	538,278	31,328	1,684,082							
April.	873,193	545,287	12,538	1,405,942	911,698	264,520	14,945	1,161,273							
May...	1,020,609	1,342,233	22,092	2,340,750	1,136,934	795,212	50,276	1,899,870							
June..	954,750	1,617,744	26,086	2,526,408	1,085,344	1,571,651	30,817	2,426,178							
TOTAL.	6,931,173	4,977,731	165,588	11,743,316	6,808,422	3,865,946	176,674	10,497,694							

IMPORTS OF ANTHRACITE, BITUMINOUS AND LIGNITE COAL INTO CANADA, JANUARY 1 to JUNE 30, 1939. (short tons)

Month	ANTHRACITE			BITUMINOUS				LIGNITE			United States:	TOTAL
	United States	Great Britain	TOTAL	United States	Great Britain	Norway	TOTAL	United States:	TOTAL	United States:		
Jan...	176,525	18,609	195,689	263,353	8,107	20	271,480	310	467,479			
Feb...	175,549	15,594	191,143	228,973	9,954	..	238,927	736	430,806			
March.	201,455	10,432	214,127	314,934	9,063	..	325,997	154	538,278			
April.	122,317	167	122,484	138,710	3,256	..	141,966	70	264,520			
May...	321,608	231,785	581,592	202,956	8,492	..	211,448	172	793,212			
June..	264,591	129,084	462,239	907,309	2,103	..	909,412	..	1,371,651			
TOTAL.	1,261,845	405,671	1,767,274	2,056,235	40,975	20	2,097,230	1,442	3,865,946			

(a) Includes 99,758 tons from Germany.

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF COKE, BY PROVINCES, JANUARY 1 to JUNE 30, 1939 (Exclusive of Petroleum Coke). (short tons)

	Nova Scotia, New Brunswick and Quebec	Ontario	Manitoba, Saskatchewan, Alberta and British Columbia	CANADA
PRODUCTION .....	1938	418,375	715,419	115,066
	1939	368,637	640,420	113,756
IMPORTS .....	1938	7,928	166,168	6,203
	1939	2,238	140,832	5,864
EXPORTS .....	1938	98	..	16,117
	1939	180	..	14,263
AVAILABLE FOR CONSUMPTION .....	1938	426,205	881,587	105,152
	1939	370,695	781,252	105,357

COKE STATISTICS FOR CANADA, JANUARY 1 to JUNE 30, 1939 (Exclusive of Petroleum Coke) (short tons)

Month	Bituminous coal used in coke making			Disposition of coke by makers					
	Can- adian	Im- ported	TOTAL	USED			SOLD		
				COKE MADE	In coke or gas plants	In makers' smelters	For do- mestic use	For other uses	
Jan...	83,259	193,672	276,931	202,428	19,947	48,634	132,508	35,006	236,095
Feb...	75,557	169,053	244,410	176,537	18,845	43,346	127,852	26,268	216,311
March.	79,446	182,308	261,754	187,785	19,970	51,998	114,565	28,863	215,396
April.	83,940	173,248	257,188	183,443	18,224	54,577	67,278	26,816	166,895
May ..	97,555	174,371	271,926	184,630	18,463	64,408	40,591	32,914	156,376
June..	94,051	166,002	260,053	187,990	16,138	60,695	38,291	34,741	149,865
TOTAL.	513,608	1,058,654	1,572,262	1,122,813	111,587	323,658	521,085	184,608	1,140,938

PRODUCTION OF NATURAL GAS IN CANADA, JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8		1 9 3 9
	M cu.ft.	\$	M cu.ft.
New Brunswick .....	359,746	177,120	376,896
Ontario .....	6,000,000	3,660,000	6,900,000
Manitoba .....	300	90	300
Saskatchewan .....	49,535	17,336	56,000
Alberta .....	11,575,951	2,615,000	12,000,000
CANADA .....	17,985,532	6,469,546	19,333,196
			7,029,490

PRODUCTION OF CRUDE PETROLEUM IN CANADA, JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8		1 9 3 9
	Barrels	\$	Barrels
New Brunswick .....	8,857	12,488	8,103
Ontario .....	81,198	170,675	100,173
Alberta .....	2,829,370	4,244,055	3,254,269
CANADA .....	2,919,425	4,427,218	(a) 3,370,425
			4,728,685

(a) Includes production in the Northwest Territories.

NON-METALS

SALES OF ASBESTOS IN CANADA, IMPORTS and EXPORTS, JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8		1 9 3 9	
	Quan- tity Tons	Sales Value at Mill \$	Quan- tity Tons	Sales Value at Mill \$
<u>PRODUCTION - By grades</u>				
Crudes .....	1,266	389,470	1,319	386,185
Fibres .....	81,039	4,478,540	77,200	4,448,857
Shorts .....	49,986	889,443	66,063	1,214,610
TOTAL .....	132,291	5,757,453	144,582	6,049,652
Sand, gravel and stone (waste rock only)	1,080	782	1,296	979
Rock mined .....	2,885,146	...	2,833,889	...
Rock milled .....	2,399,275	...	2,466,060	...

IMPORTS -

Asbestos brake linings for automobiles	...	62,784(/)	...	90,804
Asbestos clutch facings for automobiles	...	12,318(/)	...	17,768
Asbestos brake and clutch lining .....	...	93,470(x)	...	3,990
Asbestos brake and clutch facings, n.o.p.	...	6,796(/)	...	...
Asbestos in any form other than crude and all manufactures of, n.o.p. ....	...	127,881(x)	...	312,501
Asbestos packing .....	27	26,386	25	27,694

EXPORTS -

Asbestos .....	77,151	4,666,573	70,993	4,643,862
Asbestos, sand and waste .....	49,425	880,824	62,027	1,137,849
Asbestos manufactures, including asbestos roofing .....	...	72,065	...	169,773

(x) January to March.

(/) April to June.

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PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF GYPSUM, JANUARY 1 to JUNE 30, 1938 and  
1939.

	1 9 3 8	1 9 3 9		
	Tons	\$	Tons	\$
<b>PRODUCTION -</b>				
Crude - Lump or mine run .....	1,402	2,350	2,014	3,461
Crushed .....	286,273	309,536	263,140	279,187
Fine ground .....	145	857	219	1,358
Calcined .....	<u>42,787</u>	<u>252,742</u>	<u>45,061</u>	<u>269,546</u>
TOTAL .....	<u>330,607</u>	<u>565,485</u>	<u>310,434</u>	<u>553,552</u>
Crude gypsum mined (x) .....	342,996	...	365,497	...

	1	170	1	15
Gypsum, crude (sulphate of lime) .....	6	170	1	15
Ground gypsum, not calcined .....	219	7,148	239	4,773
Plaster of Paris, or gypsum calcined and prepared wall plaster .....	456	11,337	626	13,265
TOTAL .....	...	18,655	...	18,053

	267,946	307,130	317,755	364,698
Gypsum or plaster, crude .....	267,946	307,130	317,755	364,698
Plaster of Paris, ground, and prepared wall plaster .....	881	20,561	849	22,924
TOTAL .....	...	327,691	...	387,622

(x) Includes anhydrite.

PRODUCTION OF SALT IN CANADA, BY GRADES, JANUARY 1 to JUNE 30, 1938 and 1939.

	1 9 3 8	1 9 3 9		
	Tons	Value of salt sold (not in- cluding containers)	Tons	Value of salt sold (not in- cluding containers)
Manufactured	Sold		Manufactured	Sold
Table, dairy and pressed blocks .....	34,938	37,261	27,682	29,101
Common, fine .....	30,545	31,029	36,453	35,441
Common, coarse .....	14,658	13,196	14,200	14,248
Highway salt .....	447	447	1,324	1,079
Land salt .....	877	879	3,023	...
Other grades .....	22,881	21,315	86,212	22,717
Brine for chemical works (salt equivalent sold or used) .....	93,113	93,113	83,612	83,612
TOTAL .....	<u>197,459</u>	<u>197,240</u>	<u>819,109</u>	<u>185,743</u>
Value of containers .....	...	223,380	...	199,939
GRAND TOTAL .....	...	1,042,489	...	1,189,652

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## IMPORTS INTO CANADA AND EXPORTS OF SALT, JANUARY 1, to JUNE 30, 1938 and 1939.

	1938	1939	Tons	\$	Tons	\$
<b>IMPORTS -</b>						
Salt for use of the sea or gulf fisheries .....	19,910	57,896			14,388	34,006
Salt in bulk, n.o.p. ....	22,722	86,864			20,339	73,283
Salt, n.o.p., in bags, barrels, etc. ....	5,495	42,698			6,690	53,921
Salt, table, made by an admixture of other ingredients, when containing not less than 90 per cent pure salt .....	28	809			5	140
<b>EXPORTS</b> .....	5,409	29,593			5,298	35,845

IMPORTS INTO CANADA AND EXPORTS OF CERTAIN (SPECIFIED) NON-METALLIC MINERALS,  
JANUARY 1 to JUNE 30, 1938 and 1939.

	1938	1939	Quantity	Value	Quantity	Value
				\$		\$
<b>IMPORTS -</b>						
Barytes .....	Cwt.	11,825	9,232		20,247	16,003
Feldspar, crude .....	Cwt.	...	...		4,000	1,007
Feldspar, not further manufactured than ground .....	Cwt.	8,141	6,545		5,587	4,363
Fluorspar .....	Cwt.	109,913	82,129		218,662	169,711
Graphite -						
Crucibles, plumbago .....	\$	...	39,726		...	28,870
Plumbago, not ground or otherwise manufactured .....	\$	...	10,708		...	4,790
Plumbago, ground and manufactures of, n.o.p. ....	\$	...	38,334		...	30,948
Magnesite, dead-burned, sintered, caustic, calcined or plastic magnesia	Cwt.	7,503	19,368		3,831	12,295
Brick, fire, magnesite .....	\$	...	300,134		...	344,445
Magnesium sulphate .....	Lb.	1,527,035	14,312		1,498,836	15,058
Mica and manufactures of, n.o.p. ....	\$	...	51,686		...	25,274
Phosphate rock .....	Ton	55,010	214,910		22,976	77,084
Brimstone or sulphur, crude or in roll or flour .....	Ton	29,511	494,863		26,840	423,591
Talc or soapstone .....	Ton	1,302	19,001		1,520	24,086

## EXPORTS -

Graphite or plumbago, crude or refined .....	Ton	622	28,890		468	20,637
<b>Mica -</b>						
Rough cobbed and thumb-trimmed .....	Ton	27	29,272		22	14,185
Mica splittings .....	Ton	19	16,975		42	38,383
Mica scrap and waste .....	Ton	253	3,123		350	5,322
Mica plate and manufactures of (micanite) .....	\$	...	658		...	498
Talc .....	Ton	2,879	29,884		3,327	34,705