



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Price: 25 cents

Historical File CopyPRELIMINARY ESTIMATE OF CANADA'S MINERAL PRODUCTION
1959

Release date - January 4, 1960.

A new high was reached in 1959 in the Canadian mineral industry when the value of mineral commodities exceeded \$2.4 billion according to a preliminary estimate prepared by the Dominion Bureau of Statistics at Ottawa. There was an increase of 13.7 per cent above the value of \$2,100,739,038 in 1958. The minerals which showed the larger gains were copper \$59 million, iron ore \$60 million, nickel \$63 million, uranium \$45 million, asbestos \$14 million and petroleum \$28 million. The quantities of gold, lead and zinc showed a downward trend.

Metals were valued at \$1,359 million in 1959 compared with \$1,130 million in 1958. Uranium continued to be the leading metal with a value of over \$324 million. Nickel shipments were valued at \$257 million. The increase in both tonnage and price brought the value of copper to \$233 million. Silver output was up but there was less gold produced at a lower price. The lead and zinc producers did not put as much metal on a over-supplied market. Iron ore shipments of 24.5 million short tons were valued at \$186 million. This was a new high.

Non-metallic minerals increased in value in 1959 to \$176 million compared with \$150 million in 1958. A million tons of asbestos were valued at \$106.6 million. Crude gypsum output in the maritimes increased substantially. The first commercial shipments of potash were made from the Saskatchewan deposits. Rock salt and brine increased in volume to exceed 3.2 million tons.

The value of mineral fuels was \$540.1 million an increase of about \$30 million. Crude petroleum amounted to nearly 185 million barrels. There were 428 billion cubic feet of natural gas utilized. Coal shipments declined a million tons.

Structural materials were produced at about the same level as in previous years, with upward trends in clay products, sand and gravel but a downward trend in stone.

6514-511-129

Preliminary Estimate

- 2 -

Table 1 - VALUE OF MINERAL PRODUCTION OF CANADA, BY CLASSES, 1950-1959

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	TOTAL
(dollars)					
1950	617,238,340	94,721,564	201,193,957	132,296,212	1,045,450,073
1951	745,877,561	115,418,150	232,854,093	151,333,791	1,245,483,595
1952	728,458,160	124,493,256	263,582,319	168,808,618	1,285,342,353
1953	709,920,510	124,999,607	314,181,168	187,202,218	1,336,303,503
1954	802,401,423	128,038,507	352,959,465	204,982,696	1,488,382,091
1955	1,007,839,501	144,920,841	414,318,015	228,232,439	1,795,310,796
1956	1,146,349,595	160,341,599	518,761,191	259,453,169	2,084,905,554
1957	1,159,579,226	169,061,110	564,776,791	296,905,265	2,190,322,392
1958	1,130,160,395	150,354,802	510,768,681	309,455,160	2,100,739,038
1959	1,359,032,024	176,229,668	540,105,980	314,315,607	2,389,683,279

Table 2 - MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1957-1959

Province	1957		1958		1959	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland	82,682,263	3.8	64,994,754	3.1	72,306,838	3.0
Nova Scotia	68,058,743	3.1	62,706,891	3.0	59,485,519	2.5
New Brunswick	23,120,689	1.1	16,275,971	0.8	18,390,985	0.8
Quebec	406,055,757	18.5	365,706,489	17.4	432,819,808	18.1
Ontario	748,824,322	34.2	789,601,868	37.5	962,757,451	40.3
Manitoba	63,464,285	2.9	57,217,569	2.7	58,066,665	2.4
Saskatchewan	173,461,037	7.9	209,940,966	10.0	213,743,508	9.0
Alberta	410,211,763	18.7	345,939,248	16.5	378,142,642	15.8
British Columbia ..	178,931,120	8.2	151,149,136	7.2	157,281,488	6.6
Northwest Territories	21,400,615	1.0	24,895,390	1.2	24,266,817	1.0
Yukon	14,111,798	0.6	12,310,756	0.6	12,421,558	0.5
TOTAL	2,190,322,392	100.0	2,100,739,038	100.0	2,389,683,279	100.0

Preliminary Estimate

- 3 -

Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1958 and 1959

Unit of measure	1958		1959	
	Quantity	Value	Quantity	Value
Metallics				
Antimony	lb.	858,633	284,208	1,614,000
Bismuth	lb.	412,792	771,267	415,909
Cadmium	lb.	1,756,050	2,669,195	2,059,731
Calcium	lb.	25,227	31,256	71,610
Cobalt	lb.	2,710,429	5,308,298	3,298,328
Copper	lb.	690,227,408	174,430,930	789,785,183
Gold	troy oz.	4,571,347	155,334,370	4,444,845
Indium	troy oz.	...	...	...
Iron ore	ton	15,726,323	126,131,181	24,477,004
Iron, remelt	ton	...	5,120,620	...
Lead	lb.	373,360,966	42,413,805	372,989,560
Magnesium	lb.	13,591,705	4,064,825	11,633,213
Manganese ore	ton	-	-	-
Molybdenum	lb.	888,264	1,152,838	850,000
Nickel	lb.	279,117,422	194,142,019	370,246,434
Palladium, iridium, etc.	troy oz.	154,366	4,840,072	170,160
Platinum	troy oz.	146,092	9,481,371	149,510
Selenium	lb.	306,990	2,302,426	564,415
Silver	troy oz.	31,163,470	27,053,007	32,329,137
Tellurium	lb.	38,250	65,025	96,954
Thorium	lb.	-	-	54,037
Tin	lb.	795,496	625,260	896,000
Titanium ore	ton	-	-	24,000
Tungsten (W_0_3)	lb.	690,976	1,898,455	-
Uranium (U_3O_8)	lb.	26,805,232	279,538,471	30,993,754
Zinc	lb.	850,197,572	92,501,496	788,916,041
Total metallics .. ...	...	1,130,160,395	...	1,359,032,024

Non-metallics

Arsenious oxide	lb.	2,323,320	94,542	1,887,886	90,783
Asbestos	ton	925,331	92,276,748	1,042,253	106,591,686
Barite	ton	195,719	2,196,384	255,023	2,514,338
Diatomite	ton	27	540	-	-
Feldspar	ton	20,387	359,966	17,762	286,362
Fluorspar	ton	...	1,542,589	...	2,084,387
Gypsum	ton	3,964,129	5,189,159	5,941,323	8,889,748
Iron oxides	ton	1,632	113,390	1,220	108,765
Lithia	lb.	3,853,322	2,047,880	2,497,613	1,537,000
Magnesitic-dolomite and brucite .....	...	...	2,529,161	...	2,994,331
Mica	lb.	1,504,933	80,651	738,271	52,778
Mineral waters	gal.	316,727	172,568	317,400	172,000
Nepheline syenite ..	ton	201,306	2,613,446	230,712	2,908,593
Peat moss	ton	149,013	4,778,560	181,120	6,128,254

Preliminary Estimate

- 4 -

1010780721

Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1958 and 1959 (Concluded)

Unit of measure	1958		1959	
	Quantity	Value	Quantity	Value
<u>Non-metallics</u> (Concluded)				
Potash K ₂ O	ton	-	-	840,000
Pyrite, pyrrhotite	ton	1,191,731	4,248,668	3,213,814
Quartz	ton	1,453,656	2,538,150	2,994,867
Salt	ton	2,375,192	14,989,542	17,462,050
Silica brick	M	2,815	472,346	345,871
Soapstone and talc *	ton	35,405	429,136	481,286
Sodium carbonate	ton	-	-	-
Sodium sulphate	ton	173,217	2,862,915	2,775,758
Sulphur in smelter gas .	ton	241,055	2,361,252	2,718,290
Sulphur, elemental	ton	94,377	1,872,832	2,675,387
Titanium dioxide, etc. .	ton	...	6,575,077	8,363,320
Total non-metallics ..	...	...	150,354,802	176,229,668
* Includes pyrophyllite				
<u>Mineral - Fuels</u>				
Coal	ton	11,687,110	79,963,327	73,056,903
Natural gas	M cu.ft.	337,803,726	32,057,536	40,098,850
Peat	ton	-	-	-
Petroleum, crude	bbl.	165,496,196	398,747,818	426,950,227
Total fuels .....	...	...	510,768,681	540,105,980
<u>Structural Materials</u>				
Clay products (brick, tile, etc.) .....	...	41,709,903	...	45,185,849
Cement	ton	6,153,421	96,414,142	97,889,446
Lime	ton	1,596,422	19,465,823	19,707,437
Sand and gravel	ton	160,210,945	96,282,363	100,366,015
Stone	ton	38,156,647	55,582,929	51,166,860
Total structural materials .....	...	...	309,455,160	314,315,607
GRAND TOTAL .....	...	...	2,100,739,038	2,389,683,279