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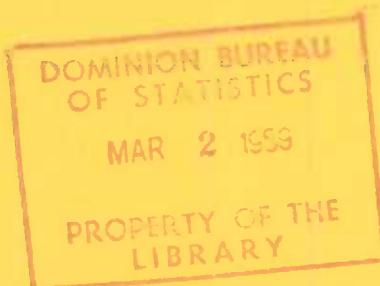
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CANADA

GENERAL REVIEW OF THE MINING INDUSTRY

1957



DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division



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1957

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NOTICE

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

Volume I consists of the following parts:

- Part I — Mineral Statistics
- Part II — Forestry Statistics — Operations in the Woods
- Part III — Fisheries Statistics

Part I includes the following reports which constitute the complete series on Mineral Statistics of Canada. Individual reports are issued as the information becomes available; they are arranged in a form suitable for binding.

- A — General Review of the Mining Industry
- B — The Gold Mining Industry
- C — The Silver-Lead-Zinc Mining Industry
- D — The Nickel-Copper Mining, Smelting and Refining Industry
- E — The Iron Mining Industry
- F — The Miscellaneous Metal Mining Industry
- G — The Smelting and Refining Industry
- H — The Coal Mining Industry
- I — The Crude Petroleum and Natural Gas Industry
- J — The Asbestos Mining Industry
- K — The Feldspar and Quartz Mining Industry
- L — The Gypsum Industry
- M — The Peat Industry
- N — The Salt Industry
- O — The Talc and Soapstone Industry
- P — The Miscellaneous Non-metal Mining Industry
- Q — The Cement Manufacturing Industry
- R — The Clay and Clay Products Industry
- S — The Lime Industry
- T — The Sand and Gravel Industry
- U — The Stone Industry
- V — Contract Drilling in the Mining Industry

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

Symbols

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available
- ... figures not appropriate or not applicable
- nil or zero

GENERAL REVIEW OF THE MINING INDUSTRY

1957

The total value of the minerals produced in Canada during 1957 exceeded two billion dollars although there were decreases in the prices of some of the base metals. A tabulation of the mineral commodities shows a valuation of \$2,190,322,392 in 1957 compared with \$2,084,905,554 in the preceding year an increase of 5 per cent.

The physical volume index, based on 1935-39 = 100, of the mineral production rose to 290.1 in 1957 from 272.5 in 1956. The tonnage of ore mined or rock quarried is an indicator of mining activities, such as drilling, blasting, hauling, processing, etc. During 1957 this tonnage amounted to 166,455,160 as compared with 150,398,104 in 1956. Materials which were not actually mined or blasted such as sodium sulphate, sand, gravel and similar materials were not included in the total.

In 1957 the metals were valued at \$1,159,579,226 an increase of one per cent over the \$1,148,349,595 worth produced in 1956. Although the tonnage of copper was up the value declined by \$86 million. Both the quantity and value of lead were less than in 1956. The output of nickel increased to 187,958 tons having a value of nearly \$259 million. The value of zinc was off by \$25 million. More gold and silver were produced but the lower price of each metal yielded a lower total valuation than in the preceding year. Uranium in the form of uranium oxide increased by \$90 million to reach \$136 million. There were six metals which exceeded \$100 million in value, they were nickel \$258,977,309, copper, \$206,897,988, iron ore, \$167,221,425, gold \$148,757,143, uranium, \$136,304,364, and zinc \$100,042,533. The combined value of these six commodities amounted to \$1,018,200,762 or about 88 per cent of the total value of all metals.

Non-metallic minerals shipped in 1957 were worth \$169,061,110 compared with \$160,341,599 in 1956. Asbestos fibres exceeded a million dollars valued at \$104,489,431. A new high was reached both in the quantity and value of salt shipped. The former was 1,771,559 tons and the latter was \$13,989,703. Gypsum tonnage of 4,577,492 was valued at \$7,745,105. Fluorspar shipments declined when the export market faded. One mine in Newfoundland ceased operations. Over 200,000 tons of nepheline syenite were shipped from the Ontario mines. Lithia production increased to 5,140,257 pounds. The gross weight of pyrite and pyrrhotite was 1,166,416 tons sulphur in acid and sulphur dioxide made from smelter gases amounted to 235,123 tons. The elemental sulphur recovered from sour natural gas was not included in these compilations.

The value of mineral fuels in 1957 amounted to \$564,776,791 compared with \$518,761,191 in 1956, an increase of 8.9 per cent. Coal output con-

tinued to decline from 14,915,610 tons in 1956 to 13,189,155 tons in the year under review. Crude petroleum was valued at \$453,593,620 an increase of approximately \$47 million. Over 220,000 million cubic feet of natural gas was utilized in 1957. Not included in these figures was the gas which was wasted or flared in the field.

Structural materials which include brick, tile, cement, lime, stone, sand and gravel, increased 14.4 per cent in value to reach \$296,905,265. Cement shipments were 6,049,098 tons which was more than a million tons higher than the shipments of the previous year. The total value of brick, tile, sewer pipe, pottery etc. declined by nearly \$2 million. Lime production has been fairly steady over the past decade, the fluctuations have been rather mild with the overall trend upward. The combined value of stone, sand and gravel was \$151,137,016 or \$20 million more than in 1956. Highway construction used a large portion of these materials.

Newfoundland's mineral output was valued at \$82,682,263 a decrease of about \$1.5 million. The volume of non-ferrous metals increased due to a new producer Maritimes Metals Limited the price decline reduced the overall value. Iron ore was shipped from Wabana in Conception Bay and from Knob Lake in Labrador area. On completion of an export contract one of the fluorspar mines ceased operations temporarily. Although the fluorspar reserves appear ample the mining costs are too high to compete with imported material. About four times as much pyrophyllite was shipped in 1957 as in 1956. The base metal mines did not ship the by-product pyrite to the paper mills as in former years.

The coal output in Nova Scotia was down in tonnage but there was an increase in value, the respective figures were 5,685,770 tons and \$52,877,614. Most of the 210,784 tons of barite was exported. Gypsum at the quarries or mines was valued at \$6 million.

New Brunswick's non-ferrous metal production was increased notably by the shipments of copper and zinc concentrates from the Heath Steele Mines Limited at Newcastle. About a million tons of bituminous coal were mined. Structural materials, such as cement, lime, stone, etc. were valued at \$4,312,802.

In Quebec the value of copper decreased by \$36 million due to the lower prices and the reduction of tonnage caused by labour disputes. The million ounces of gold which the province produced had a value of \$33,781,327. Iron ore of Quebec origin which was shipped from Sept-Iles amounted to 8,872,948 short tons valued at \$65,805,057. The lessened demand for selenium caused a drastic reduction in prices.

Nearly a million tons of asbestos worth \$93,616,875 were shipped. Concentrates of lithium oxide containing 5,140,257 pounds of lithia were exported for further processing. Shipments of peat moss yielded over a million dollars to the harvesters of sphagnum. Magnesitic dolomite and brucite which are used to make high temperature refractories were valued at \$3,046,298. Four cement plants in Quebec shipped over \$30 million worth of portland cement.

The total value of metals in Ontario in 1957 exceeded \$600 million. Included in this figure was \$82,940,763 worth of uranium U₃O₈ precipitates produced by the mines in the Blind River and Bancroft areas. Copper and zinc tonnages were increased by the shipments of Geco Mines Limited, Willroy Mines Limited and Coldstream Copper Mines Limited located in Northwestern Ontario. Nickel production from the Sudbury area amounted to 177 thousand tons. As the steel plants in United States were operating below capacity the shipments of iron ore from Ontario mines slackened off during the later part of the season. More salt was shipped in 1957 than in any previous year. The demand for lime increased as the new uranium plants came into production. Lime is used to neutralize the acid leach solutions. Portland cement shipments exceeded 2.2 million tons valued at \$33.5 million. More stone, sand and gravel went into construction works.

There was a decrease of \$4.5 million in the valuation of minerals produced in Manitoba. Price reductions were largely responsible although in some cases the quantities of metals were also less. The output of non-metallics was comparable to the preceding year. Although the petroleum output was up it appeared to be levelling off as the number of new producing well was quite small.

Saskatchewan's crude petroleum output in 1957 was 180 per cent of the 1956 production. More higher grade oil brought the valuation to \$79.3 million. Uranium from the Beaverlodge area was valued at \$44.5 million. The values of the other metals, such as copper, gold, silver and zinc were down considerably. All the natural sodium sulphate produced in Canada is recovered from deposits in Saskatchewan.

Alberta's petroleum and natural gas output was limited by the available markets. This limitation reduced the volume of oil to 137,492,316 barrels valued at \$355,555,140. The natural gas pipeline was partially completed thus permitting more gas

to be shipped out the province. Well head gas volume, less the gas wasted and flared amounted to 183,140,820 M cubic feet.

British Columbia produced 140,094 tons of lead and 221,779 tons of zinc in 1957 other metals allied to this production were antimony, bismuth, cadmium, gold, silver, indium, and tin. The exports of iron ore in 1957 were about the same as in 1956. All of Canada's tungsten concentrates were produced from British Columbian ores. In the northern part of the province Cassiar Asbestos Corporation Limited produced long asbestos fibres. Peat moss in the Fraser delta area was valued at \$2,343,832. Coal output was 1,113,699 tons worth \$7,280,024. A cement plant was under construction in the Vancouver area. The completion of the natural gas pipeline permitted the shipment of gas from the Peace River area to the consumers in the southern part of British Columbia and the northwest states.

On the eastern coast of the Northwest Territories the North Rankin Nickel Mines Limited produced copper-nickel concentrates. About 340,000 troy ounces of gold was produced by the gold mines in the Yellowknife area. Uranium was mined at Great Bear Lake and at Rayrock north of Yellowknife. The volume of natural gas and crude petroleum was about the same as in preceding years. Due to the limited market in this area there is a wide fluctuation in the value attributed to crude petroleum. Silver production in the Yukon was nearly 6.5 million troy ounces and the recoverable lead in concentrates was 12,500 tons. About 8,000 tons of coal was mined at Carmacks.

The average number of employees in the Canadian mineral industry was 145,464 persons to whom \$609,601,823 were distributed in salaries and wages. In addition there were 10,315 persons employed at head offices and at places in Canada other than at the mines or plants, these employees received \$53,076,510 in salaries and wages. The cost of fuel and purchased electricity amounted to \$148,360,703.

The ten leading mineral commodities in order of total value were in 1957; petroleum, nickel, copper, iron ore, gold, uranums, asbestos, zinc, cement, sand and gravel. It may be of historical interest to note that coal was the leading mineral commodity to 1930 then it was surpassed by gold. In the past decade nine other commodities have passed coal so that this commodity no longer appears in the top ten.

TABLE 1. Mineral Production, by Kinds, 1956 and 1957

		1956		1957	
		Quantity	Value	Quantity	Value
Metallics:					
Antimony	lb.	2,140,432	687,527	1,360,731	370,442
Bismuth	"	285,861	544,900	319,941	584,917
Cadmium	"	2,339,421	3,977,016	2,368,130	4,025,821
Calcium	"	394,900	515,305	221,225	282,378
Cobalt	"	3,516,670	9,065,493	3,922,649	7,784,423
Copper	"	709,720,590	292,958,091	718,218,535	206,897,988
Gold	troy oz.	4,383,863	151,024,080	4,433,894	148,757,143
Indium	"	363,192	795,390	384,360	693,770
Iron ore	ton	22,348,278	160,362,118	22,272,174	167,221,425
Iron (remelt)	"	159,874	7,996,897	187,529	10,083,434
Lead	lb.	377,708,904	58,582,651	362,968,529	50,670,407
Magnesium	"	19,212,298	6,079,890	16,770,371	5,254,896
Manganese ore	"	...	1,900	—	—
Molybdenum	lb.	842,263	955,828	783,739	1,166,557
Nickel	"	357,030,311	222,204,860	375,916,551	258,977,309
Palladium, rhodium, iridium, etc.	troy oz.	163,451	6,681,098	216,582	7,896,209
Platinum	"	151,357	15,725,992	199,565	17,835,124
Selenium	lb.	330,389	4,460,252	321,392	3,535,312
Silver	troy oz.	28,431,847	25,497,681	28,823,298	25,182,915
Tellurium	lb.	7,867	13,767	31,524	55,187
Tin	"	756,934	670,441	709,102	580,342
Titanium ore	ton	2,310	16,561	10,770	97,075
Tungsten (W_3O_8)	lb.	2,271,437	6,362,368	1,921,483	5,279,275
Uranium (U_3O_8)	"	4,561,060	45,732,145	13,271,414	136,304,364
Zinc	"	845,265,125	125,437,344	827,481,656	100,042,533
Total metallics	—	...	1,148,349,595	...	1,159,579,226
Non-metallics:					
Arsenious oxide	lb.	1,790,381	77,612	3,697,317	137,112
Asbestos	ton	1,014,249	99,859,969	1,046,086	104,489,431
Barite	"	320,835	3,031,034	228,048	2,992,913
Diatomite	"	2	40	120	2,400
Feldspar	"	18,153	364,849	20,450	393,284
Fluorspar	"	140,071	3,407,582	66,245	1,756,841
Gypsum	"	4,895,811	7,260,236	4,577,492	7,745,105
Iron oxides	"	8,803	186,225	7,518	187,211
Lithia	"	4,789,360	2,643,950	5,140,257	2,827,143
Magnesitic dolomite and brucite	"	...	2,783,181	...	3,046,298
Mica	lb.	1,843,811	95,666	1,282,416	111,583
Mineral waters	gal.	292,526	149,867	348,710	185,167
Nepheline syenite	ton	180,006	2,574,140	200,016	2,754,060
Peat moss	"	128,054	4,240,714	137,747	4,734,504
Pyrite, pyrrhotite	"	1,046,740	4,538,785	1,166,416	4,808,228
Quartz	"	2,142,234	3,036,543	2,139,246	3,185,186
Salt	"	1,590,804	12,144,476	1,771,559	13,989,703
Silica brick	M	5,799	736,817	4,308	655,903
Soapstone and talc	ton	29,326	365,226	34,725	427,673
Sodium sulphate	"	181,053	2,838,186	157,800	2,568,728
Sulphur in smelter gas	"	236,088	2,323,590	235,123	2,322,067
Titanium dioxide in slag	"	157,374	7,682,911	186,422	9,740,570
Total non-metallics	—	...	160,341,599	...	169,061,110
Fuels:					
Coal	ton	14,915,610	95,349,763	13,189,155	90,220,670
Natural gas	M cu. ft.	169,152,586	16,849,556	220,006,682	20,962,501
Peat	ton	—	—	—	—
Petroleum	bbl.	171,981,413	406,561,872	181,848,004	453,593,620
Total fuels	—	...	518,761,191	...	564,776,791
Structural materials:					
Clay products (brick, tile, etc.)	—	...	37,784,980	...	35,922,158
Cement	bbl.	5,021,683	75,233,321	6,049,098	93,167,477
Lime	ton	1,295,699	15,667,598	1,378,617	16,678,614
Sand and gravel	"	148,801,268	81,957,352	159,829,512	91,939,354
Stone	"	33,257,318	48,809,918	40,282,081	59,197,662
Total structural materials	—	...	259,453,169	...	296,905,265
Grand total	—	...	2,084,905,554	...	2,190,322,392

TABLE 2. Mineral Production of Canada, by Provinces, 1957

No.			Newfoundland	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb. \$	—	—	—	—
2	Bismuth	lb. \$	—	—	—	—
3	Cadmium	lb. \$	—	—	—	160,093 267,908
6	Calcium	lb. \$	—	—	—	—
7	Cobalt	lb. \$	—	—	—	—
10	Copper	lb. \$	—	—	—	—
11	Copper	lb. \$	9,070,766 2,625,986	—	11,476,340 3,322,400	224,818,449 65,084,941
12	Gold	oz. \$	9,755 327,280	45 1,510	240 8,052	1,006,695 33,781,327
15	Indium	oz. \$	—	—	—	—
16	Iron ore	ton \$	8,174,779 57,898,102	—	—	8,872,948 65,805,057
19	Iron (remelt)	ton \$	—	—	—	187,529 10,083,434
21	Lead	lb. \$	49,023,389 6,843,665	—	2,339,993 326,663	5,417,795 756,324
23	Magnesium	lb. \$	—	—	—	1,585,998 487,853
25	Manganese	ton \$	—	—	—	—
27	Molydenum	lb. \$	—	—	—	783,739 1,166,557
29	Nickel	lb. \$	—	—	—	—
31	Palladium, rhodium, etc.	oz. \$	—	—	—	—
32	Platinum	oz. \$	—	—	—	—
35	Selenium	lb. \$	—	—	—	168,290 1,851,190
37	Silver	oz. \$	1,196,414 1,045,307	1 1	379,173 331,283	3,645,856 3,185,384
39	Tellurium	lb. \$	—	—	—	22,928
40	Tin	lb. \$	—	—	—	40,124
41	Titanium ore	ton \$	—	—	—	—
43	Tungsten (WO_3)	lb. \$	—	—	—	10,770 97,075
47	Uranium (U_3O_8)	lb. \$	—	—	—	—
49	Zinc	lb. \$	71,396,581 8,631,847	—	6,627,456 801,260	148,589,484 17,964,469
51	Total metals	\$	77,372,187	1,511	4,789,658	200,571,643
Non-metallics						
52	Arsenious oxide	lb. \$	—	—	—	—
53	Asbestos	ton \$	—	—	—	—
54	Barite	ton \$	—	—	—	993,425 93,616,875
56	Diatomite	ton \$	—	210,784 2,559,713	—	—
57	—	—	—	—	—	—
59	—	—	—	—	—	—

TABLE 2. Mineral Production of Canada, by Provinces, 1957

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	1,360,731 370,442	—	—	1,360,731 370,442	1 2
14,214 21,372	—	—	—	145,634 295,637	—	—	319,941 584,917	3 4
—	36,909 66,145	187,439 318,646	—	1,956,028 3,325,248	—	185,754 315,782	2,368,130 4,025,821	5 6
221,225 282,378	—	—	—	—	—	—	221,225 282,378	7 8
3,750,596 7,541,258	172,053 243,165	—	—	—	—	—	3,922,649 7,784,423	9 10
343,406,289 98,488,877	37,101,564 10,686,798	61,193,661 17,715,571	—	30,820,994 8,877,743	330,472 95,672	—	718,218,535 206,897,988	11 12
2,578,206 86,498,811	120,008 4,026,268	75,236 2,524,168	416 13,957	229,113 7,686,741	340,018 11,407,604	73,962 2,481,425	4,433,894 148,757,143	13 14
—	—	—	—	384,360 693,770	—	—	384,360 693,770	15 16
4,867,105 41,317,629	—	—	—	357,342 2,200,837	—	—	22,272,174 167,221,425	17 18
—	—	—	—	—	—	—	187,529 10,083,434	19 20
1,012,565 141,354	—	—	—	280,188,948 39,114,378	—	24,985,839 3,488,023	362,966,529 50,670,407	21 22
15,184,373 4,767,043	—	—	—	—	—	—	16,770,371 5,254,896	23 24
—	—	—	—	—	—	—	—	25
—	—	—	—	—	—	—	783,739 1,166,557	27 28
243,192,543 243,018,138	20,067,367 14,725,014	—	—	—	1,056,341 734,157	—	375,916,551 258,977,309	29 30
216,582 7,896,209	—	—	—	—	—	—	216,582 7,896,209	31 32
199,565 17,835,124	—	—	—	—	—	—	199,565 17,835,124	33 34
86,459 951,049	26,491 291,401	40,152 441,672	—	—	—	—	321,392 3,535,312	35 36
6,910,130 6,037,381	407,834 356,325	1,145,571 1,000,885	39 34	8,584,991 7,500,707	69,104 60,376	6,484,185 5,665,232	28,823,298 25,182,915	37 38
6,915 12,101	575 1,006	1,106 1,936	—	—	—	—	31,524 55,167	39 40
—	—	—	—	709,102 580,342	—	—	709,102 580,342	41 42
—	—	—	—	—	—	—	10,770 97,075	43 44
—	—	—	—	1,921,483 5,279,275	—	—	1,921,483 5,279,275	45 46
7,970,598 82,940,763	—	4,462,552 44,561,832	—	—	838,264 8,801,769	—	13,271,414 136,304,364	47 48
22,591,677 2,731,334	27,458,711 3,319,758	90,140,339 10,897,967	—	443,557,961 53,626,157	—	17,119,445 2,069,741	827,481,656 100,042,533	49 50
600,980,821	33,715,880	77,462,677	13,991	129,551,877	21,069,578	14,020,263	1,159,579,226	51
3,697,317 137,112	—	—	—	—	—	—	3,697,317 137,112	52 53
20,947 3,529,570	—	—	—	31,714 7,342,986	—	—	1,046,086 104,489,431	54 55
—	—	—	—	17,264 433,200	—	—	228,048 2,992,913	56 57
—	—	—	—	120 2,400	—	—	120 2,400	58 59

TABLE 2. Mineral Production of Canada, by Provinces, 1957 — Concluded

No.			Newfoundland	Nova Scotia	New Brunswick	Quebec
Non-metallics — Concluded						
1	Feldspar	ton	—	—	—	20,450
2		\$	—	—	—	393,284
3	Fluorspar	ton	—	—	—	—
4		\$	1,662,602	—	—	—
5	Gypsum	ton	29,465	3,842,027	93,249	—
6		\$	121,800	6,005,640	163,146	—
7	Iron oxide	ton	—	—	—	7,518
8		\$	—	—	—	187,211
9	Lithia	lb.	—	—	—	5,140,257
10		\$	—	—	—	2,827,143
11	Magnesitic dolomite, brucite	ton	—	—	—	—
12		\$	—	—	—	3,046,298
13	Mica	lb.	—	—	—	1,191,500
14		\$	—	—	—	105,310
15	Mineral water	gal.	—	—	—	346,210
16		\$	—	—	—	183,155
17	Nepheline syenite	ton	—	—	—	—
18		\$	—	—	—	—
19	Peat moss	ton	—	1,113	18,731	48,704
20		\$	—	36,434	779,675	1,140,476
21	Pyrite, pyrrhotite	ton	—	—	—	—
22		\$	—	—	—	2,731,632
23	Quartz	ton	—	—	—	284,403
24		\$	—	—	—	1,321,830
25	Salt	ton	—	122,763	—	—
26		\$	—	1,900,538	—	—
27	Silica brick	M	—	1,406	—	—
28		\$	—	364,491	—	—
29	Soapstone and talc ¹	ton	5,686	—	—	17,802
30		\$	47,328	—	—	220,330
31	Sodium sulphate	ton	—	—	—	—
32		\$	—	—	—	—
33	Sulphur in smelter gas	ton	—	—	—	—
34		\$	—	—	8,357	83,134
35	Titanium dioxide	ton	—	—	—	186,422
38		\$	—	—	—	9,740,570
37	Total non-metallics	\$	1,831,730	10,866,816	951,178	115,597,248
Fuels						
38	Coal	ton	—	5,685,770	976,597	—
39		\$	—	52,877,614	8,189,859	—
40	Natural gas	M cu. ft.	—	—	176,417	—
41		\$	—	—	156,641	—
42	Peat	ton	—	—	—	—
43		\$	—	—	—	—
44	Petroleum, crude	bbl.	—	—	19,401	—
45		\$	—	—	27,161	—
46	Total fuels	\$	—	52,877,614	8,373,661	—
Structural materials						
47	Clay products	\$	29,500	1,345,361	803,169	8,898,855
48	Cement	ton	58,277	—	163,640	2,051,201
49		\$	1,185,078	—	2,646,293	30,267,092
50	Lime	ton	—	—	14,895	443,964
51		\$	—	—	342,054	4,295,102
52	Sand and gravel	ton	2,796,273	1,933,070	7,342,928	40,913,981
53		\$	1,681,394	1,880,344	3,676,512	20,584,404
54	Stone	ton	348,373	434,726	1,285,811	16,053,665
55		\$	582,374	1,087,097	1,538,164	25,841,413
56	Total structural materials	\$	3,478,346	4,312,802	9,006,192	89,886,866
57	Grand total, 1957	\$	82,682,263	68,058,743	23,120,689	406,055,757
58	Grand total, 1956	\$	84,349,006	66,092,274	18,258,302	422,464,410

¹ Includes pyrophyllite.

TABLE 2. Mineral Production of Canada, by Provinces, 1957 — Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	—	—	—	20,450	1
—	—	—	—	—	—	—	393,284	2
... 94,239	—	—	—	—	—	—	66,245	3
379,621 853,199	183,708 458,368	—	—	49,422 142,952	—	—	1,756,841 7,745,105	4 5 6
—	—	—	—	—	—	—	7,518	7
—	—	—	—	—	—	—	187,211	8
—	—	—	—	—	—	—	5,140,257 2,827,143	9 10
—	—	—	—	—	—	—	3,046,298	11 12
90,916 6,273	—	—	—	—	—	—	1,282,416 111,583	13 14
2,500 2,012	—	—	—	—	—	—	348,710 185,167	15 16
200,016 2,754,060	—	—	—	—	—	—	200,016 2,754,060	17 18
4,720 220,232	5,700 213,855	—	—	58,779 2,343,832	—	—	137,747 4,734,504	19 20
685,335	—	191,368	—	1,199,893	—	—	1,166,416 4,808,228	21 22
1,591,091 1,428,400	—	168,051 84,026	—	95,701 350,930	—	—	2,139,246 3,185,186	23 24
1,538,805 9,478,587	19,372 503,031	43,684 1,069,201	46,935 1,038,346	—	—	—	1,771,559 13,989,703	25 26
3,902 201,412	—	—	—	—	—	—	4,308 655,903	27 28
11,236 150,015	—	—	—	—	—	—	34,725 427,673	29 30
—	—	157,800 2,568,728	—	—	—	—	157,800 2,568,728	31 32
542,846	—	—	—	1,687,730	—	—	235,123 2,322,067	33 34
—	—	—	—	—	—	—	186,422 9,740,570	35 36
20,183,292	1,173,234	3,913,323	1,038,346	13,503,923	—	—	169,061,110	37
—	—	2,248,812 4,398,031	3,156,546 17,383,547	1,113,699 7,280,024	—	7,731 91,595	13,169,155 90,220,670	38 39
14,400,913 5,328,338	—	13,994,347 1,368,647	183,140,820 13,735,562	8,274,942 366,887	19,243 6,446	—	220,006,682 20,962,501	40 41
—	—	—	—	—	—	—	—	42 43
623,666 2,160,000	6,069,743 15,467,947	36,861,089 79,325,064	137,492,316 355,555,140	340,945 763,717	420,844 294,591	—	161,846,004 453,593,620	44 45
7,488,338	15,467,947	85,091,742	386,674,249	8,410,608	301,037	91,595	564,776,791	46
18,353,299	827,697	1,015,389	2,628,187	2,020,701	—	—	35,922,158	47
2,211,887	412,998	150,664	556,962	443,469	—	—	6,049,098	48
33,505,994	6,820,383	2,861,615	8,802,914	7,078,108	—	—	93,167,477	49
766,143	64,922	—	42,223	46,470	—	—	1,378,617	50
9,416,868	1,089,728	—	678,237	856,625	—	—	16,678,614	51
68,129,158	6,647,280	6,565,563	11,801,422	15,699,857	—	—	159,829,512	52
36,699,895	3,450,100	3,116,291	9,981,716	10,868,698	—	—	91,939,354	53
17,390,438	454,972	—	80,565	4,233,531	—	—	40,282,081	54
22,195,815	917,296	—	394,123	6,641,380	—	—	59,197,862	55
120,171,871	13,105,204	6,993,295	22,485,177	27,465,512	—	—	286,905,263	56
748,824,322	63,464,285	173,461,037	410,211,763	178,931,120	21,400,615	14,111,796	2,190,322,392	57
650,823,362	67,909,407	122,744,898	411,171,898	203,277,828	22,157,935	15,656,434	2,084,905,554	58

TABLE 3. Annual Values of the Mineral Production of Canada Since 1886

Year	Metallics	Non-metallics	Fuels	Structural materials	Total	Value per capita
dollars						
1886	2,118,608	1,259,827	4,367,444	2,225,376	10,221,255	2.23
1887	2,073,746	1,209,153	5,080,853	2,707,579	11,321,331	2.23
1888	2,628,292	1,320,585	5,522,016	2,798,001	12,518,894	2.67
1889	3,251,299	1,562,010	5,702,930	3,247,674	14,013,913	2.96
1890	3,614,488	2,392,315	6,745,279	3,761,271	16,763,353	3.50
1891	5,421,659	2,025,195	8,205,228	3,074,534	18,976,616	3.92
1892	3,698,697	1,417,821	7,658,444	3,603,455	16,628,417	3.39
1893	4,630,495	1,249,283	8,771,358	5,133,946	20,035,082	4.04
1894	4,685,852	1,263,803	6,727,095	5,004,408	19,931,158	3.98
1895	6,087,114	1,193,512	8,248,923	4,726,368	20,505,917	4.05
1896	8,030,633	1,207,671	8,658,410	4,327,542	22,474,256	4.38
1897	13,780,314	1,425,093	8,641,016	4,388,550	28,485,023	5.49
1898	21,741,865	1,492,262	9,608,158	5,270,146	38,412,431	7.32
1899	29,282,823	1,610,111	11,872,788	6,168,283	49,234,005	9.27
1900	40,521,807	1,914,690	15,311,479	8,372,901	64,420,877	12.04
1901	41,939,500	2,713,621	14,047,654	6,803,836	65,804,611	12.16
1902	35,924,651	2,730,425	16,359,722	7,896,836	63,211,634	11.36
1903	33,210,147	2,589,302	17,197,317	8,443,747	61,740,513	10.83
1904	30,924,897	2,807,995	17,858,902	8,182,103	60,073,897	10.27
1905	36,946,212	3,468,408	18,756,112	9,608,267	69,078,999	11.49
1906	41,949,563	4,424,882	21,081,724	11,530,528	79,286,697	12.81
1907	42,426,607	5,021,384	26,254,162	12,863,049	86,865,202	13.75
1908	41,774,362	5,188,269	26,954,515	11,339,955	85,557,101	13.16
1909	44,156,841	4,593,142	26,548,109	16,533,349	91,831,441	13.70
1910	49,438,873	5,109,754	32,647,404	19,627,592	106,823,623	14.93
1911	46,105,423	5,659,746	28,746,214	22,709,611	103,220,994	14.32
1912	61,172,753	6,750,980	38,729,694	28,794,869	135,048,296	18.33
1913	66,361,351	7,402,849	41,060,860	30,809,752	145,634,812	19.35
1914	59,386,619	6,165,107	37,302,122	26,009,227	128,863,075	16.75
1915	75,814,841	7,254,732	36,118,839	17,920,759	137,109,171	17.44
1916	106,319,365	10,245,689	43,169,294	17,467,185	177,201,534	22.05
1917	106,455,147	14,566,995	46,787,368	19,837,311	189,646,821	23.18
1918	114,549,152	17,192,967	60,428,979	19,130,799	211,301,897	25.37
1919	73,262,793	16,676,377	59,325,710	27,421,510	178,688,390	20.84
1920	77,939,630	22,260,697	85,767,250	41,892,088	227,859,665	26.40
1921	49,343,232	10,148,665	77,694,017	34,737,428	171,923,342	19.56
1922	61,785,707	10,986,120	71,990,674	39,534,741	184,297,242	20.36
1923	83,764,403	14,097,925	78,465,622	37,751,381	214,079,331	23.31
1924	102,058,235	12,374,278	59,770,024	35,380,869	209,583,406	22.71
1925	116,951,996	14,628,048	57,354,055	37,649,234	226,583,333	24.19
1926	115,090,770	16,643,022	68,743,933	39,959,398	240,437,123	25.61
1927	113,349,051	17,771,709	71,426,516	44,809,419	247,356,695	25.67
1928	131,819,402	19,019,744	74,413,160	49,737,181	274,989,487	27.96
1929	154,282,736	21,245,279	76,787,397	58,554,834	310,850,246	31.00
1930	142,614,237	15,347,391	68,184,485	53,727,465	279,873,578	27.42
1931	120,794,977	11,028,311	54,453,143	44,158,295	230,434,726	22.21
1932	111,943,049	7,839,551	49,047,342	22,398,283	191,228,225	18.20
1933	147,206,959	10,061,071	47,778,438	16,696,687	221,743,153	20.74
1934	194,213,956	10,558,174	54,262,099	19,286,761	278,320,990	25.67
1935	222,139,223	12,579,334	54,824,200	23,215,400	312,758,157	28.56
1936	259,988,203	16,782,808	59,983,320	25,770,741	362,524,872	32.82
1937	335,000,751	22,536,303	65,828,879	34,869,699	458,235,632	41.13
1938	324,064,074	20,122,661	64,803,294	33,878,666	442,868,695	39.42
1939	343,453,866	25,114,106	70,671,328	35,362,759	474,602,059	41.94
1940	382,440,214	26,074,296	78,837,874	42,472,651	529,825,035	46.39
1941	395,193,386	34,532,635	85,141,997	45,373,272	560,241,290	49.06
1942	391,540,411	37,329,163	92,169,291	45,729,807	566,768,672	48.63
1943	356,558,751	38,970,577	92,514,384	42,010,254	530,053,966	44.87
1944	308,111,295	37,431,875	97,291,007	42,984,937	485,819,114	40.57
1945	316,962,810	39,841,422	93,531,276	48,419,673	498,755,161	41.15
1946	290,386,425	43,792,717	102,516,888	66,120,221	502,816,251	40.86
1947	355,140,994	54,670,989	110,481,207	84,576,785	644,869,975	51.25
1948	488,287,835	67,097,524	159,736,260	105,127,246	820,248,865	63.67
1949	538,967,258	64,585,216	183,654,473	113,903,079	901,110,026	66.51
1950	617,238,340	94,721,564	201,193,957	132,296,212	1,045,450,073	74.68
1951	745,877,561	115,418,150	232,854,093	151,333,781	1,245,483,595	88.90
1952	728,458,160	124,493,256	263,582,319	168,808,618	1,285,342,353	89.07
1953	709,920,510	124,999,607	314,181,168	187,202,218	1,336,303,503	90.40
1954	802,401,423	128,038,507	352,959,465	204,982,696	1,488,382,091	96.59
1955	1,007,839,501	144,920,841	414,318,015	228,232,439	1,795,310,796	113.88
1956	1,146,349,595	160,341,599	518,761,191	259,453,189	2,084,905,554	129.65
1957	1,159,579,226	169,081,110	564,776,791	296,905,265	2,190,322,392	132.03

Notes: In representing a total valuation of the mineral production as is here given, it should be explained that the production of the metals, copper, gold, lead, nickel, silver, zinc, etc., is given as far as possible on the basis of the quantities of metals recovered in smelters, and the total quantities in each case are valued chiefly at the average market price of the refined metal in a recognized market. There are thus included in some cases the values that have accrued in the smelting or refining of metals outside of Canada.

1886-1897 total includes \$250,000 estimated value of unreported products.

1898-1908 total includes \$300,000 estimated value of unreported products, mostly structural materials.

TABLE 4. Physical Volume of Mineral Production
(1935-39 = 100)

Year	Index	Year	Index	Year	Index
1923	42.2	1935	79.5	1947	106.2
1924	43.4	1936	89.2	1948	122.2
1925	47.5	1937	103.8	1949	131.7
1926	54.9	1938	109.4	1950	145.4
1927	58.7	1939	118.0	1951	161.8
1928	64.7	1940	125.7	1952	174.7
1929	67.6	1941	132.0	1953	185.8
1930	63.9	1942	129.5	1954	209.7
1931	59.2	1943	116.1	1955	242.0
1932	59.4	1944	104.1	1956	272.5
1933	60.7	1945	100.9	1957	290.1
1934	73.6	1946	97.1		

TABLE 5. Value of Mineral Production, by Provinces, Since 1938

Year	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
dollars						
1938	—	26,253,645	3,802,565	68,965,594	219,801,994	17,173,002
1939	—	30,746,200	3,949,433	77,335,998	232,519,948	17,137,930
1940	—	33,318,587	3,435,916	86,313,491	261,483,349	17,828,522
1941	—	32,569,867	3,690,375	99,651,044	267,435,727	16,689,887
1942	—	32,783,165	3,609,158	104,300,010	259,114,946	14,345,046
1943	—	29,979,837	3,676,834	101,610,678	232,948,959	13,412,266
1944	—	33,981,977	4,133,902	90,182,553	210,706,307	13,830,406
1945	—	32,220,659	4,182,100	91,518,120	216,541,856	14,429,423
1946	—	35,350,271	4,813,166	92,785,148	191,544,429	16,403,549
1947	—	34,255,560	5,812,943	115,151,635	249,797,671	18,236,763
1948	—	56,400,245	7,003,285	152,038,867	294,239,673	26,081,349
1949	27,583,615	56,092,830	7,134,009	165,021,513	323,368,644	23,839,638
1950	25,824,047	59,482,173	12,756,975	220,176,517	366,801,525	32,691,173
1951	32,410,443	59,727,256	9,564,617	255,530,071	444,667,203	30,045,992
1952	32,512,313	64,552,383	11,298,960	270,483,962	444,669,412	25,105,045
1953	33,780,622	67,364,408	11,663,618	251,881,781	465,877,093	25,264,112
1954	42,898,033	73,450,898	12,468,322	278,818,070	496,747,571	35,106,922
1955	68,462,956	67,133,539	15,759,744	357,010,045	583,954,682	62,018,231
1956	84,349,006	66,092,274	18,258,302	422,464,410	650,823,362	67,909,407
1957	82,682,263	88,058,743	23,120,689	406,055,757	748,824,322	63,464,285
	Saskatchewan	Alberta	British Columbia	Northwest Territories ¹	Yukon	
			dollars			
1938	7,782,847	28,966,272	64,549,130	1,614,076	3,959,570	
1939	8,794,090	30,691,617	65,216,745	3,248,777	4,961,321	
1940	11,505,858	35,092,337	74,134,485	2,594,157	4,118,333	
1941	15,020,555	41,364,385	76,841,180	3,860,298	3,117,992	
1942	20,578,749	47,359,831	77,247,932	3,976,267	3,453,568	
1943	26,735,984	48,941,210	68,442,386	2,679,993	1,625,819	
1944	22,291,848	51,066,662	57,246,071	1,440,069	939,319	
1945	22,336,074	51,753,237	64,063,842	470,812	1,239,058	
1946	24,480,900	60,082,513	74,622,846	1,039,525	1,693,904	
1947	32,594,016	67,432,270	116,772,621	2,720,988	2,095,508	
1948	34,517,208	93,211,229	148,223,614	4,267,485	4,265,910	
1949	36,054,536	113,728,425	136,385,911	6,801,729	5,099,176	
1950	35,983,923	135,758,940	138,888,205	8,050,899	9,035,696	
1951	51,032,953	168,144,211	176,278,932	8,288,747	9,793,170	
1952	49,506,094	196,811,654	170,071,244	8,944,835	11,386,451	
1953	48,081,970	248,863,295	158,487,812	10,300,230	14,738,562	
1954	88,216,009	279,042,735	158,630,867	26,414,000	16,588,664	
1955	85,150,128	325,974,326	189,524,574	25,597,821	14,724,750	
1956	122,744,698	411,171,898	203,277,828	22,157,935	15,656,434	
1957	173,461,037	410,211,763	178,931,120	21,400,615	14,111,798	

¹ Values of pitchblende products not included from 1941 to 1953.

TABLE 6. Mineral Production of Newfoundland, 1955 - 1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	6,103,516	2,250,672	6,216,552	2,574,274	9,070,766
Gold	troy oz.	6,337	218,753	8,213	282,938	9,755
Iron ore	short ton	7,206,883	45,701,801	8,463,572	55,620,755	8,174,779
Lead	lb.	35,709,911	5,135,085	45,575,841	7,068,813	49,023,389
Silver	troy oz.	701,792	618,840	957,125	858,350	1,196,414
Zinc	lb.	57,272,050	7,817,635	69,360,211	10,293,055	71,396,581
Non-metallics:						
Fluorspar	ton	127,384	2,678,641	139,801	3,395,061	...
Gypsum	"	46,459	175,829	37,000	186,727	29,465
Talc (Pyrophyllite)	"	7	120	1,379	12,077	5,686
Pyrite	-	...	66,613	...	59,097	-
Structural materials:						
Cement	ton	81,905	1,492,990	83,902	1,660,300	58,277
Clay products	-	...	49,338	...	47,145	...
Lime	ton	-	-	-	-	-
Sand and gravel	"	3,142,226	1,660,984	2,490,580	1,686,320	2,796,273
Stone	"	333,982	595,655	327,943	604,094	348,373
Total	-	...	68,452,956	...	84,349,006	...
						82,682,263

TABLE 7. Mineral Production of Nova Scotia, 1955 - 1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	2,054,938	757,758	808,268	334,704	-
Gold	troy oz.	3,880	133,938	1,279	44,061	45
Lead	lb.	3,979,230	572,213	1,421,799	220,521	-
Silver	troy oz.	262,067	231,091	92,859	83,276	1
Zinc	lb.	16,036,317	2,188,957	4,176,823	619,841	-
Non-metallics:						
Barite	ton	244,271	2,038,341	308,431	2,743,408	210,784
Diatomite	"	2	72	-	-	-
Gypsum	"	3,838,847	6,061,922	4,144,147	5,250,883	3,842,027
Peat moss	"	587	7,903	1,141	41,930	1,113
Salt	"	144,862	1,808,302	132,539	1,652,839	122,763
Silica brick	M	1,265	289,369	1,559	352,169	1,406
Fuels:						
Coal	ton	5,731,026	49,852,554	5,775,025	50,931,178	5,685,770
Structural materials:						
Clay products	-	...	1,196,968	...	1,196,868	...
Sand and gravel	ton	1,156,710	1,148,245	1,675,458	1,664,949	1,933,070
Stone	"	367,320	845,906	408,952	955,647	434,726
Total	-	...	67,133,539	...	66,092,274	...
						68,058,743

TABLE 8. Mineral Production of New Brunswick, 1955 - 1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	71,295	26,290	12,732	5,272	11,476,340
Gold	troy oz.	-	-	-	-	240
Lead	lb.	1,532,706	220,403	949,090	147,204	2,339,993
Silver	troy oz.	25,087	22,122	18,182	16,306	379,173
Tungsten (WO ₃)	lb.	28,770	47,470	6,662	10,992	-
Zinc	"	-	-	1,061,054	157,460	6,627,458
Non-metallics:						
Grindstones	lb.	10	1,500	-	-	-
Gypsum	"	90,096	315,336	86,104	224,038	93,249
Peat moss	"	8,743	234,599	13,421	520,224	18,731
Sulphur, in sulphides	"	-	-	-	-	779,675
Sulphur, in sulphides	"	-	-	-	-	8,357
Fuels:						
Coal	ton	877,838	7,100,649	988,266	7,990,446	976,597
Natural gas	M cu. ft.	186,549	138,450	190,322	141,315	176,417
Petroleum	bbl.	12,548	17,567	16,628	23,279	19,401
Structural materials:						
Cement	ton	152,715	2,306,065	165,482	2,439,676	163,640
Clay products	-	...	704,025	...	975,855	803,169
Lime	ton	18,861	385,979	18,432	408,338	14,895
Sand and gravel	"	5,731,835	2,942,830	6,140,029	3,152,911	7,342,928
Stone	-	1,075,230	1,296,459	2,129,109	2,044,986	1,285,811
Total	-	...	15,759,744	...	18,258,302	...
						23,120,689

TABLE 9. Mineral Production of Quebec,¹ 1955 - 1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Metallics:						
Bismuth	lb.	105,129	210,636	122,128	230,213	160,093
Copper	"	202,041,072	74,502,645	244,599,468	101,288,640	224,818,449
Gold	troy oz.	1,154,522	39,854,099	1,036,059	35,692,233	1,006,895
Iron (remelt)	ton	115,955	4,831,845	159,874	7,996,897	187,529
Iron ore	"	4,103,173	27,164,396	7,956,549	58,373,270	8,872,948
Lead	lb.	11,216,005	1,612,862	5,745,615	891,145	5,417,795
Magnesium	"	6,547,665	1,916,829	4,572,564	1,536,688	1,585,998
Molybdenum	"	833,506	823,954	842,263	955,828	783,739
Selenium	"	236,787	1,775,753	117,555	1,588,993	168,290
Silver	troy oz.	4,786,695	4,220,908	4,063,966	3,644,565	3,645,856
Tellurium	lb.	-	-	-	-	22,928
Titanium ore	ton	1,464	10,634	2,310	16,561	10,770
Zinc	lb.	202,862,034	27,690,668	171,945,511	25,516,714	148,589,484
Non-metallics:						
Arsenic (As_2O_3)	-	-	-	-	-	-
Asbestos	ton	1,022,065	88,607,804	967,145	90,531,457	993,425
Feldspar	"	18,152	355,879	18,153	364,849	20,450
Iron oxides (ochre)	"	7,702	162,512	8,803	186,225	7,518
Lithia	lb.	106,320	58,480	4,789,360	2,643,950	5,140,257
Magnesitic dolomite and brucite	-	...	2,151,820	...	2,783,181	...
Mica	ton	548	73,734	809	93,761	596
Natural mineral waters	Imp. gal.	303,110	158,495	290,526	148,167	346,210
Peat moss	ton	32,383	638,696	40,268	951,644	48,704
Pyrite .....	-	...	...	...	2,843,839	...
Quartz	ton	244,702	791,606	320,955	1,243,465	284,403
Soapstone and talc	"	12,562	143,895	15,576	185,298	17,803
Sulphur in smelter gases	"	...	2,550,557 ²	...	141,990	...
Titanium dioxide	"	117,042	5,192,810	157,374	7,682,911	186,422
Structural materials:						
Cement	ton	1,662,084	24,132,519	1,797,128	25,696,957	2,051,201
Clay products	-	...	8,451,362	...	9,415,703	...
Lime	ton	461,805	4,448,525	452,779	4,506,430	443,964
Sand and gravel	"	36,722,008	15,346,416	37,175,708	16,354,886	40,913,961
Stone	"	12,633,335	19,129,706	11,153,206	18,959,950	16,053,865
Total	-	...	357,010,045	...	422,464,410	...

¹ There is also in this province an important production of aluminum from imported ores.² Includes sulphur in pyrite.

TABLE 10. Mineral Production of Ontario, 1955 - 1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Metallics:						
Bismuth	lb.	-	-	6,980	10,586	14,214
Cerium Rare Earth	-	...	988	-	-	21,372
Calcium	-	...	1	394,900	515,305	221,225
Cobalt ²	lb.	3,296,270	8,510,314	3,392,543	8,781,626	3,750,596
Copper	"	292,813,108	107,215,943	312,541,701	128,552,450	343,406,269
Gold	troy oz.	2,523,040	87,095,340	2,513,912	86,604,268	2,578,206
Iron ore	short ton	4,362,191	34,340,897	5,558,203	44,177,246	4,867,105
Lead	lb.	3,853,603	554,148	3,010,163	466,876	1,012,565
Magnesium	-	...	4,668,580	14,639,734	4,543,202	15,184,373
Nickel	lb.	322,322,355	198,489,258	335,152,371	208,099,454	354,792,843
Palladium, rhodium, etc.	troy oz.	214,252	8,321,633	163,451	6,681,088	216,582
Platinum	"	170,494	14,747,732	151,357	15,725,992	199,565
Selenium	lb.	94,465	708,488	109,156	1,473,606	86,459
Silver	troy oz.	6,051,017	5,335,787	8,626,447	5,942,597	6,910,130
Tellurium	lb.	6,455	11,296	6,305	11,034	6,915
Uranium (U_3O_8)	-	...	487,054	906,614	9,361,867	82,940,763
Zinc	lb.	3,095,640	422,555	2,454,297	364,218	22,591,677

See footnotes at end of table.

TABLE 10. Mineral Production of Ontario, 1955-1957 - Concluded

Product	1955		1956		1957		
	Quantity	Value	Quantity	Value	Quantity	Value	
		\$		\$		\$	
Non-metallics:							
Arsenic (As_2O_3) ³	lb.	1,571,787	69,159	1,790,381	77,612	3,697,317	137,112
Asbestos	ton	24,550	3,317,542	26,748	3,929,782	20,947	3,529,570
Fluorite	"	730	29,796	270	12,521	...	94,239
Gypsum	"	368,416	808,424	366,956	840,829	379,621	853,199
Mica	"	21	946	23	645	45	6,273
Natural mineral waters	Imp. gal.	3,573	2,015	2,000	1,700	2,500	2,012
Nepheline syenite	ton	148,068	2,099,512	180,006	2,574,140	200,016	2,754,060
Peat (moss)	"	4,284	123,862	3,267	97,091	4,720	220,232
Pyrite, pyroholite	"	—	—	—	759,449	—	685,335
Quartz ⁴	"	1,421,302	1,032,938	1,571,819	1,413,192	1,591,091	1,428,400
Salt	"	998,789	5,845,340	1,347,729	7,932,294	1,538,805	9,475,587
Silica brick	M	3,498	313,256	4,243	384,648	2,902	291,412
Sulphur ⁵	—	—	571,000	—	534,810	—	542,846
Talc	ton	14,591	194,952	12,371	167,851	11,236	160,015
Fuels:							
Natural gas	M cu. ft.	10,852,857	4,341,143	12,811,618	4,740,298	14,400,913	5,328,338
Peat (fuel)	"	—	—	—	—	—	—
Petroleum	bbl.	525,510	1,599,335	593,370	1,958,121	623,666	2,160,000
Structural materials:							
Cement	ton	1,341,278	19,707,042	1,450,437	21,455,019	2,211,887	33,505,994
Clay products	—	—	18,314,320	—	19,173,336	—	18,352,299
Lime	ton	698,245	8,420,382	673,357	8,258,857	766,143	9,416,868
Sand and gravel	"	51,488,067	29,945,730	61,436,363	34,379,015	66,129,158	38,699,895
Stone	"	12,739,139	16,307,975	15,734,864	20,820,727	17,390,438	22,195,815
Total	—	—	583,954,682	—	650,823,362	—	748,824,322

¹ Included with magnesium.² Exclusive of metal in ore placed on government stockpile at Deloro, Ontario, but includes any metal reshipped from stockpile.³ Includes some arsenic recovered from foreign ores.⁴ Includes low-grade silica sand for fluxing purposes.⁵ Sulphur content of pyrites shipped and estimated sulphur salvaged from smelter gases in 1954 and 1955. Sulphur in smelter gas in 1956.

TABLE 11. Mineral Production of Manitoba, 1955-1957

Product	1955		1956		1957		
	Quantity	Value	Quantity	Value	Quantity	Value	
		\$		\$		\$	
Metallics:							
Cadmium	lb.	47,347	80,490	40,028	68,044	38,906	66,145
Cobalt	"	16,330	37,267	124,127	283,867	172,053	243,165
Copper	"	38,759,042	14,438,505	35,945,427	14,890,139	37,101,564	10,686,798
Gold	troy oz.	123,888	4,276,614	120,232	4,141,992	120,008	4,026,268
Nickel	lb.	27,534,642	17,378,749	21,877,940	14,105,406	20,067,367	14,725,014
Selenium	"	27,219	204,143	41,921	565,934	26,491	291,401
Silver	troy oz.	454,528	400,803	430,124	385,735	407,834	356,325
Teilurium	lb.	727	1,272	580	1,015	575	1,006
Thallium	"	75	103	—	—	—	—
Zinc	"	35,932,049	4,904,725	35,808,410	5,313,968	27,458,711	3,319,758
Non-metallics:							
Gypsum	ton	176,005	291,708	185,986	365,840	183,708	458,368
Peat moss	"	8,146	190,381	6,145	236,254	5,700	213,655
Quartz	"	—	—	2,580	9,030	—	—
Salt	ton	18,954	477,614	21,068	513,373	19,372	503,031
Fuels:							
Petroleum, crude	bbl.	4,145,756	9,618,154	5,786,540	13,633,088	8,089,743	15,467,947
Structural materials:							
Cement	ton	340,234	5,509,812	523,924	8,324,520	412,998	6,820,383
Clay products	—	—	635,554	—	754,503	—	827,697
Lime	ton	57,510	886,901	64,286	1,066,704	64,922	1,069,728
Sand and gravel	"	5,272,676	1,571,103	6,883,026	2,293,287	6,647,280	3,450,100
Stone	"	228,157	1,116,333	262,557	956,708	454,972	917,296
Total	—	—	62,018,231	—	67,909,407	—	63,464,285

TABLE 12. Mineral Production of Saskatchewan, 1955-1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:						
Cadmium	lb.	144,344	\$ 245,385	116,960	\$ 198,832	187,439
Copper	"	65,890,339	24,297,063	66,232,560	27,426,903	61,193,681
Gold	troy oz.	63,580	2,885,182	82,687	2,848,567	75,236
Selenium	lb.	68,858	514,935	61,757	833,719	40,152
Silver	troy oz.	1,230,179	1,084,772	1,179,110	1,057,426	1,145,571
Tellurium	lb.	1,832	3,206	982	1,718	1,106
Thallium	"	200	275	—	—	—
Uranium(U ₃ O ₈)	"	...	12,312,471	2,780,534	27,194,202	4,462,552
Zinc	"	97,920,646	13,366,168	90,759,887	13,468,767	90,140,339
Non-metallics:						
Pyrite	—	—	—	—	—	191,368
Quartz ¹	lb.	175,840	\$ 87,820	183,563	\$ 91,782	168,051
Salt	"	40,748	976,298	42,814	882,988	43,684
Sodium sulphate	ton	178,888	2,799,715	181,053	2,838,186	157,800
Fuels:						
Coal	ton	2,293,816	\$ 4,309,163	2,341,641	\$ 4,320,167	2,248,812
Natural gas	M cu. ft.	6,706,743	637,140	9,807,697	980,770	13,994,347
Petroleum, crude	bbl.	11,317,168	18,317,968	21,077,371	36,253,078	36,661,089
Structural materials:						
Cement	ton	—	—	2,509	\$ 59,762	150,664
Clay products	—	...	992,307	...	1,054,071	...
Sand and gravel	ton	5,039,682	2,320,260	6,466,810	3,233,760	6,565,563
Total	—	...	\$5,150,128	...	\$122,744,698	...

¹ Low-grade silica sand for fluxing purposes.

TABLE 13. Mineral Production of Alberta, 1955-1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:						
Gold	troy oz.	214	\$ 7,387	119	\$ 4,100	416
Silver	"	21	18	14	12	39
Non-metallics:						
Quartz ¹	—	—	—	—	—	—
Salt	ton	41,408	\$ 1,014,745	48,654	\$ 1,162,982	46,935
Fuels:						
Coal	"	4,455,279	\$ 23,559,584	4,328,787	\$ 23,274,012	3,156,546
Natural gas	M cu. ft.	133,007,493	9,975,562	146,133,893	10,960,042	183,140,820
Petroleum	bbl.	113,035,046	274,901,232	143,909,641	353,629,158	137,492,316
Structural materials:						
Cement	ton	492,209	\$ 7,026,722	602,163	\$ 9,258,016	556,962
Clay products	—	...	2,800,481	...	3,038,544	...
Lime	ton	38,335	553,526	41,309	624,060	42,223
Sand and gravel	"	7,819,933	5,894,341	10,522,441	8,877,606	11,801,422
Stone	"	45,659	240,728	66,820	343,186	80,565
Total	—	...	\$325,974,326	...	\$411,171,898	...

¹ Grinding pebbles.

TABLE 14. Mineral Production of British Columbia, 1955-1957

Product		1955		1956		1957	
		Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$
Metallics:							
Antimony	lb.	2,021,726	563,345	2,140,432	687,527	1,360,731	370,442
Bismuth	"	160,767	361,726	156,753	304,101	145,634	295,637
Cadmium	"	1,515,582	2,576,490	1,937,807	3,294,272	1,956,028	3,325,248
Copper	"	44,254,113	16,130,918	43,363,882	17,885,709	30,820,994	8,877,743
Gold	troy oz.	252,979	8,732,835	196,692	6,776,040	229,113	7,686,741
Indium	"	104,774	232,598	363,192	795,390	384,360	693,770
Iron ore	ton	610,930	3,228,756	369,954	2,190,847	357,342	2,200,637
Lead	lb.	322,984,797	46,445,214	295,402,176	45,816,877	280,188,948	39,114,378
Manganese ore		-	-	...	1,900	-	-
Mercury	"	75	250	-	-	-	-
Silver	troy oz.	8,702,122	7,673,531	8,801,398	7,893,094	8,584,991	7,500,707
Tin ¹	lb.	492,761	408,030	756,934	670,441	709,102	580,342
Tungsten (WO ₃)	"	1,914,000	5,460,967	2,264,775	6,351,376	1,921,483	5,279,275
Zinc	"	431,771,995	58,936,877	448,646,414	66,579,127	443,557,961	53,626,157
Non-metallics:							
Asbestos	ton	17,187	4,265,971	20,356	5,398,730	31,714	7,142,936
Arsenic (As ₂ O ₃)	lb.	2	2	2	2	2	2
Barite	ton	9,465	238,825	12,404	287,626	17,264	433,306
Diatomite	"	14	280	2	40	120	2,400
Gypsum	"	150,078	383,934	75,618	391,919	49,422	142,952
Mica (schist)	"	252	2,861	180,000	1,260	-	-
Peat moss	"	65,436	2,289,846	63,612	2,393,571	58,779	2,343,832
Pyrite .....	"	...	...	...	876,400	...	1,199,893
Quartz	"	28,269	127,211	63,317	279,074	95,701	350,930
Sulphur ²	-	...	2,796,783	...	1,646,790	...	1,687,730
Fuels:							
Coal	ton	1,453,881	8,675,715	1,472,519	8,722,856	1,113,699	7,280,024
Natural gas	M. cu. ft.	168,651	18,130 ⁴	187,846	20,193	8,274,942	366,867
Petroleum, crude	bbl.	582	1,368 ⁴	148,454	302,375	340,945	763,717
Structural materials:							
Cement	ton	334,057	5,474,875	396,138	6,339,071	443,469	7,078,108
Clay products	-	...	2,115,415	...	2,128,955	...	2,020,701
Lime	ton	56,362	1,115,591	45,536	803,209	46,470	856,625
Sand and gravel	"	11,151,337	6,945,144	16,010,853	10,314,418	15,699,857	10,868,698
Stone	"	3,090,098	4,203,925	3,174,067	4,124,640	4,233,531	6,641,380
Total	-	...	189,524,574	...	203,277,828	...	178,931,120

¹ Tin content of concentrates and lead-tin alloy.² Considerable arsenic is contained in auriferous quartz ores exported. However this is not paid for and data relating to its possible recovery are unobtainable.³ Includes sulphur content of pyrites shipped and estimated sulphur contained in sulphuric acid and other products made from waste smelter gases in 1955. Sulphur in acid made from smelter gas in 1956-1957.⁴ For historical reference; data are not included in the total as figures were reported too late for inclusion in the compilations of 1954 and 1955.

TABLE 15. Mineral Production of the Northwest Territories, 1955-1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Metallics:						
Columbium (Cb_2O_5)	lb.	42	1,032	—	—	—
Cobalt	"	6,047	16,119	—	—	—
Copper	"	—	—	—	330,472	95,672
Gold	troy oz.	321,321	11,092,001	352,669	12,149,447	340,018
Nickel	"	—	—	—	1,056,341	734,157
Silver	troy oz.	56,477	51,565	69,916	62,701	69,104
Tantalum (Ta_2O_5)	lb.	390	9,760	—	—	60,376
Uranium (U_3O_8)	"	...	13,232,079	873,912	9,176,076	838,264
Non-metallics:						
Lithia	"	8,056	3,272	—	—	—
Fuels:						
Natural gas	M cu. ft.	18,670	6,213	21,210	6,938	19,243
Petroleum, crude	bbl.	404,219	1,165,780	449,409	762,773	420,844
Total	—	...	25,597,821	...	22,157,935	21,400,615

TABLE 16. Mineral Production of Yukon, 1955-1957

Product	1955		1956		1957	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Metallics:						
Cadmium	lb.	211,808	360,074	244,628	415,868	185,754
Gold	troy oz.	72,201	2,492,379	72,001	2,480,434	73,962
Lead	lb.	26,248,786	3,774,575	25,604,220	3,971,215	24,985,839
Silver	troy oz.	5,712,219	5,037,035	6,192,706	5,553,619	6,484,185
Tungsten (WO_3)	lb.	—	—	—	—	—
Zinc	"	21,823,307	2,978,881	21,052,518	3,124,194	17,119,445
Fuels:						
Coal	ton	7,040	61,806	9,372	111,104	7,731
Total	—	...	14,724,750	...	15,656,434	14,111,798

TABLE 17. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1953-1957

	1953	1954	1955	1956	1957
Gold-quartz ores	15,247,337	16,178,273	16,404,660	14,589,230	14,472,724
Copper-gold-silver ores	7,438,500	8,501,589	8,911,751	10,422,648	10,570,801
Silver-cobalt ores	268,837	289,101	302,821	205,013	186,294
Silver-lead-zinc ores	7,539,882	7,272,011	7,526,352	7,651,006	6,714,538
Nickel-copper ores	15,004,102	16,748,709	17,022,067	18,453,360	19,289,516

TABLE 17. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1953-1957—Concluded

	1953	1954	1955	1956	1957
Iron ores	8,475,237	9,400,517	17,220,376	23,950,943	26,417,572
Miscellaneous metals ¹	459,312	624,176	800,764	2,119,476	6,689,383
Asbestos	13,912,839	14,793,760	17,696,357	21,922,874	22,610,743
Feldspar and nepheline syenite	173,934	175,856	215,660	286,022	306,337
Quartz, exclusive of sand (shipments)	1,107,999	933,588	945,398	1,296,431	1,313,490
Gypsum and anhydrite	3,839,040	4,184,178	4,539,660	4,900,265	4,706,524
Talc and soapstone	28,638	28,120	29,273	26,500	40,083
Iron oxides	24,388	13,985	11,789	11,152	12,560
Rock salt	71,034	80,652	275,104	638,651	790,986
Other non-metals	665,473	748,839	1,032,913	1,235,688	746,925
Stone, all kinds, quarries (exclusive of stone used for cement and lime)	19,849,017	32,767,925	30,512,920	33,257,318	40,282,081
Stone used for the manufacture of cement	5,330,778	5,566,198	5,964,433	7,152,693	8,741,863
Estimated rock for the manufacture of lime	2,163,427	2,154,987	2,274,211	2,276,836	2,562,740
Total (other than coal)	101,599,774	120,462,449	132,686,509	150,398,104	166,455,160

¹ Uranium ore is not included prior to 1956.

Data for the years 1922-1946 are shown in Mineral Production of Canada, 1946.

Data for the years 1947-1951 are shown in General Review of the Mining Industry, 1951.

Data for the years 1952-1956 are shown in General Review of the Mining Industry, 1956.

TABLE 18. Tonnage of Ore Mined¹ and Rock Quarried,² by Provinces, 1953-1957

Province	1953	1954	1955	1956	1957
Newfoundland	3,699,509	5,438,153	7,940,676	9,593,643	10,541,432
Nova Scotia	3,722,578	13,668,431	4,636,728	4,906,251	4,851,545
New Brunswick	1,328,120	1,048,177	1,484,410	2,475,039	1,963,614
Quebec	34,972,673	40,338,566	50,624,193	57,611,096	63,806,273
Ontario	41,312,894	43,826,925	49,206,738	56,233,453	64,686,691
Manitoba	2,257,143	2,514,433	2,921,792	3,181,811	3,417,325
Saskatchewan	1,065,509	1,230,987	1,228,285	1,514,292	2,524,231
Alberta	779,817	780,744	792,055	1,013,726	1,087,703
British Columbia	11,785,831	10,762,055	13,090,597	13,009,058	12,840,216
Northwest Territories	483,517	575,429	597,270	675,083	748,205
Yukon	192,183	236,549	163,765	184,652	187,925
Canada (excluding coal)	101,599,774	120,462,449	132,686,509	150,398,104	166,455,160

¹ Excluding uranium ore prior to 1956.² Sand and gravel, sodium sulphate, etc., which are not actually mined or blasted are not included.

TABLE 19. Yearly Average Prices of Copper, Lead, Zinc and Silver, from 1938
(Copper, lead and zinc in U.S. cents per pound; silver, U.S. cents per ounce)

Source: "American Bureau of Metal Statistics"

Year	Copper New York	Lead New York	Zinc St. Louis	Silver New York	Year	Copper New York	Lead New York	Zinc St. Louis	Silver New York
	Yearly average	Yearly average	Yearly average ¹	Yearly average ²		Yearly average	Yearly average	Yearly average ¹	Yearly average ²
1938	10.000	4.739	4.610	43.225	1948	22.038	18.043	13.589	74.361
1939	10.965	5.053	5.110	39.082	1949	19.202	15.364	12.144	71.930
1940	11.296	5.179	6.335	34.773	1950	21.235	13.296	13.866	74.169
1941	11.797	5.793	7.474	34.783	1951	24.200	17.500	18.000	89.368
1942	11.775	6.481	8.250	38.333	1952	24.200	16.467	16.215	84.941
1943	11.775	6.500	8.250	44.750	1953	28.798	13.489	10.855	85.188
1944	11.775	6.500	8.250	44.750	1954	29.694	14.054	10.681	65.250
1945	11.775	6.500	8.250	51.928	1955	37.491	15.138	12.299	89.099
1946	13.820	8.109	8.726	80.151	1956	41.818	16.013	13.494	90.826
1947	20.958	14.673	10.500	71.820	1957	29.576	14.658	11.399	90.820

¹ Prime western grade.² 1938-1948 for other than newly-mined countries.

TABLE 20. Average Annual Metal Prices, in Canadian Dollars, 1938-1957

Year	Gold	Silver	Copper	Lead	Zinc	Year	Gold	Silver	Copper	Lead	Zinc
	Troy oz.	Troy oz.	Pound	Pound ¹	Pound ¹		Troy oz.	Troy oz.	Pound	Pound ²	Pound ²
dollars											
1938	35.17	0.435	0.0997	0.034	0.031	1948	35.00	0.75	0.2235	0.1804	0.1393
1939	36.14	0.405	0.101 ²	0.032	0.031	1949	36.00	0.7425	0.1997	0.158	0.1325
1940	38.50	0.382	0.101	0.034	0.034	1950	38.05	0.8082	0.2342	0.1445	0.1565
1941	38.50	0.3826	0.101	0.034	0.034	1951	38.85	0.9455	0.277	0.184	0.199
1942	38.50	0.4216	0.101	0.034	0.034	1952	34.27	0.8352	0.2854	0.1619	0.1746
1943	38.50	0.4525	0.1175	0.0375	0.040	1953	34.42	0.8401	0.2994	0.1293	0.1196
1944	38.50	0.430	0.120	0.045	0.043	1954	34.07	0.8326	0.2916	0.1333	0.1198
1945	38.50	0.470	0.1255	0.050	0.0644	1955	34.52	0.6618	0.3687	0.1438	0.1365
1946	38.75	0.8365	0.128	0.0675	0.0781	1956	34.45	0.8968	0.4141	0.1551	0.1484
1947	35.00	0.72	0.2039	0.1367	0.1123	1957	33.55	0.8737	0.2695	0.1396	0.1209

¹ Based on New York; 1938-1942 based on London.² Based on London; prices controlled by Government 1939-1947. Based on New York 1947-1950. Montreal prices in 1951-1957.

TABLE 21. Production of Leading Mineral Products, by Months, 1955-1957

No.		Asbestos	Cement	Clay products	Coal	Copper	Gold	Gypsum
		tons	tons	\$	tons	pounds	ounces	tons
1955								
1	January	61,609	158,390	1,795,121	1,449,585	52,940,950	366,175	184,483
2	February	68,520	155,679	1,748,264	1,276,643	50,519,666	350,572	163,671
3	March	78,524	235,011	2,243,557	1,400,907	53,771,601	371,884	223,202
4	April	98,658	311,126	2,265,983	946,447	50,604,597	369,866	279,930
5	May	94,465	505,607	3,369,754	1,028,419	51,637,064	383,464	387,630
6	June	91,389	575,996	3,808,114	940,505	55,169,012	373,078	444,581
7	July	83,476	495,700	3,466,685	784,995	53,162,106	384,460	538,029
8	August	98,799	532,188	3,726,739	820,510	54,243,836	385,717	488,216
9	September	95,039	483,636	3,717,861	1,257,328	55,376,246	394,312	548,460
10	October	97,656	435,006	3,563,074	1,414,960	55,366,941	395,202	550,199
11	November	112,626	352,015	3,281,641	1,769,929	54,387,477	388,040	529,153
12	December	83,041	164,128	2,272,977	1,728,652	64,807,927	379,192	330,347
13	Total	1,063,802	4,404,480	35,259,770	14,818,880	651,987,423	4,541,962	4,667,901
1956								
14	January	58,550	195,533	2,136,017	1,668,772	59,890,931	369,805	307,754
15	February	67,853	224,561	2,515,473	1,423,086	53,497,626	351,969	276,207
16	March	76,778	313,844	2,350,304	1,321,038	63,070,387	383,926	304,820
17	April	99,558	428,586	2,710,044	1,085,826	55,435,563	367,646	414,733
18	May	101,934	593,467	3,797,254	1,093,805	58,635,581	374,542	483,252
19	June	79,773	581,905	3,856,769	913,336	57,934,295	380,574	572,299
20	July	86,511	557,870	3,931,683	854,554	62,021,921	351,492	543,078
21	August	98,316	546,851	3,858,193	855,757	57,178,263	351,692	437,946
22	September	81,953	442,518	3,594,299	1,142,328	62,132,602	352,510	409,087
23	October	90,920	538,060	3,962,240	1,494,359	59,693,186	368,385	490,909
24	November	111,645	400,035	3,214,689	1,562,454	59,426,857	367,303	351,623
25	December	60,458	198,453	1,858,015	1,500,295	60,803,378	364,019	304,103
28	Total	1,014,249	5,021,683	37,784,980	14,915,610	709,720,590	4,383,863	4,895,811
1957								
27	January	59,694	189,694	1,582,825	1,410,225	52,804,296	358,638	306,350
28	February	77,249	210,959	1,683,891	1,301,241	59,494,732	342,826	193,284
29	March	69,689	315,616	2,400,046	1,072,839	62,685,269	375,702	195,694
30	April	107,066	379,383	2,420,503	987,048	56,829,666	370,251	395,793
31	May	100,362	628,961	3,718,883	927,261	53,986,461	375,907	395,079
32	June	83,946	650,867	3,514,299	793,112	54,560,249	359,721	519,800
33	July	83,089	878,529	3,976,068	709,127	53,572,465	365,905	501,831
34	August	95,949	746,973	3,909,687	767,328	60,953,655	363,801	586,469
35	September	135,692	669,256	3,585,460	1,076,152	62,751,293	276,042	479,372
36	October	88,991	882,343	3,801,984	1,498,906	63,511,520	399,693	481,201
37	November	93,770	469,842	3,162,924	1,354,912	68,481,139	378,293	301,452
38	December	50,589	226,675	2,165,588	1,291,004	68,587,790	367,115	221,167
39	Total	1,046,086	6,049,098	35,922,158	13,189,155	718,218,535	4,433,894	4,577,492

Data for the years 1929-1949 are shown in General Review of the Mining Industry, 1949.

Data for the years 1950-1952 are shown in General Review of the Mining Industry, 1952.

Data for the years 1952-1954 are shown in General Review of the Mining Industry, 1954.

TABLE 21. Production of Leading Mineral Products, by Months, 1955-1957

Iron ore tons	Lead pounds	Lime tons	Natural gas M cu. ft.	Nickel pounds	Petroleum barrels	Salt tons	Silver ounces	Zinc pounds	No.
109,021	37,917,656	101,748	14,788,834	28,774,869	9,960,527	92,536	2,232,386	72,976,751	1
83,704	30,036,499	97,638	13,928,526	26,749,976	9,151,131	82,601	2,010,506	64,136,319	2
93,099	38,226,700	110,550	14,801,730	31,087,194	9,576,365	81,357	2,413,591	73,348,110	3
199,478	35,778,916	108,294	11,073,413	30,022,506	7,629,234	76,137	2,324,287	69,438,428	4
1,474,369	33,616,427	109,966	10,032,046	30,704,167	9,710,797	89,264	2,255,620	74,734,761	5
2,129,963	36,099,695	112,783	8,834,825	29,565,561	10,828,824	93,433	2,382,980	67,106,840	6
2,438,241	33,799,589	107,194	8,639,072	28,959,360	12,386,306	82,588	2,347,380	66,936,125	7
2,675,718	33,652,094	111,957	8,788,637	29,550,988	11,865,673	116,476	2,470,607	74,658,888	8
2,457,511	32,382,501	113,637	10,386,077	27,468,451	10,893,206	127,666	2,416,829	74,062,890	9
2,474,759	27,725,216	126,215	12,806,577	28,721,478	12,572,281	129,355	2,472,990	60,893,829	10
1,890,095	30,557,133	124,787	17,357,885	28,580,835	12,325,693	136,581	2,213,991	76,280,502	11
257,219	35,532,612	106,349	19,334,690	29,671,612	12,540,210	136,767	2,443,037	72,140,795	12
16,283,177	403,525,038	1,331,118	150,772,312	349,856,997	129,440,247	1,244,761	27,984,204	866,714,038	13
376,350	32,454,063	102,211	19,354,616	29,920,064	13,603,083	120,668	2,333,452	75,339,360	14
139,131	29,105,728	102,310	17,243,379	29,944,823	13,538,786	128,317	2,045,349	71,093,454	15
63,718	34,134,943	109,434	16,045,079	30,958,004	14,298,149	103,037	2,344,585	73,504,290	16
461,176	23,862,399	109,027	13,181,191	28,811,474	11,877,634	95,144	2,061,509	70,590,236	17
2,129,943	31,346,795	107,934	11,154,514	30,355,527	12,009,204	97,667	2,511,200	70,773,653	18
2,373,610	34,124,162	108,558	9,711,104	28,943,707	13,226,221	110,075	2,540,081	72,174,057	19
2,393,465	32,146,024	112,158	9,565,562	30,209,101	14,248,097	130,151	2,313,488	74,658,291	20
3,720,055	32,935,673	111,508	10,304,046	29,664,496	16,065,041	152,296	2,362,803	70,860,002	21
3,356,448	32,014,843	106,455	11,706,233	29,020,118	15,116,254	150,079	2,571,756	65,716,533	22
3,164,042	33,801,558	120,048	14,343,670	29,484,353	15,776,843	168,945	2,436,998	71,229,488	23
2,630,303	29,670,030	105,869	16,271,178	30,083,902	15,560,130	165,167	2,464,919	63,235,768	24
240,037	31,912,686	100,187	20,272,014	29,634,737	16,661,971	169,258	2,445,707	66,089,993	25
22,348,278	377,708,904	1,295,699	169,152,586	357,030,311	171,981,413	1,590,804	28,431,847	845,265,125	26
272,674	28,163,717	98,169	22,633,311	32,217,824	16,897,009	165,579	2,203,631	64,940,318	27
88,408	30,440,047	96,752	19,504,456	30,054,066	14,817,248	138,871	2,076,679	61,992,749	28
56,165	34,256,632	110,639	18,277,833	33,465,519	15,999,906	101,882	2,391,316	70,561,764	29
308,070	28,650,140	115,694	18,534,237	30,694,880	15,294,701	113,747	2,270,638	66,913,079	30
2,463,099	29,281,292	118,640	13,896,935	32,449,219	16,383,594	125,176	2,156,185	68,392,389	31
3,524,433	32,962,871	109,464	12,587,158	30,954,476	15,896,053	131,762	2,253,584	66,197,625	32
3,642,008	28,854,544	121,649	12,415,299	31,746,703	16,799,283	142,118	2,417,347	66,379,153	33
4,018,381	29,458,562	114,273	13,192,605	33,410,822	15,790,987	144,197	2,667,468	70,338,009	34
3,261,054	29,698,449	113,036	14,636,574	30,708,294	14,403,816	168,263	2,354,397	68,307,614	35
2,782,107	28,587,487	133,105	20,635,490	30,664,762	13,892,163	174,535	2,853,815	73,564,762	36
1,520,505	31,857,426	131,496	24,226,618	28,673,391	12,288,327	182,247	2,600,254	72,825,444	37
334,970	30,757,362	115,700	29,464,166	29,876,595	13,374,917	183,182	2,577,984	77,068,750	38
22,272,174	362,968,529	1,378,617	220,006,682	375,916,551	181,848,004	1,771,559	28,823,298	827,481,656	39

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1953-1957

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies and containers	Gross value of production ¹	Net value added by processing ²							
Metal Mining Industries														
Placer gold mines														
1953	56	306	1,372,504	75,791	133,807	2,137,321	1,878,310							
1954	62	351	1,619,480	148,300	253,128	3,051,665	2,575,038							
1955	64	345	1,480,868	122,882	98,278	2,728,108	2,443,595							
1956	64	250	1,378,168	81,639	451,933	2,594,312	2,026,790							
1957	57	243	1,180,225	55,472	353,186	2,573,853	2,116,716							
Gold quartz mines														
1953	173	18,751	60,920,362	6,876,895	22,870,232	122,381,725	91,408,605							
1954	157	18,479	63,578,156	6,987,528	23,639,788	127,644,959	95,627,104							
1955	136	18,032	63,961,744	7,080,925	24,496,862	134,476,377	101,382,077							
1956	133	17,031	82,701,494	6,830,676	22,725,750	127,983,495	97,011,062							
1957	147	18,911	63,708,680	6,771,886	22,705,425	127,055,902	95,991,241							
Copper-gold-silver-mines														
1953	84	7,476	27,582,448	2,887,253	9,447,227	100,852,281	68,881,908							
1954	118	7,637	29,791,332	3,148,808	10,232,701	105,893,978	70,814,052							
1955	186	9,025	36,391,460	4,090,507	12,548,088	145,269,622	99,540,486							
1956	314	10,533	43,929,096	4,620,541	15,594,327	147,187,431	96,941,696							
1957	261	10,359	46,694,352	4,942,600	15,297,346	119,013,141	68,694,057							
Silver-cobalt mines														
1953	14	739	2,204,274	301,197	428,963	4,623,407	3,235,991							
1954	15	808	2,614,266	273,024	466,390	5,294,499	4,103,256							
1955	14	762	2,598,437	164,015	470,270	5,534,895	4,350,174							
1956	15	694	2,415,545	252,055	339,767	4,563,402	3,502,093							
1957	12	598	2,209,805	256,694	353,026	4,314,088	3,105,688							
Silver-lead-zinc mines														
1953	143	7,144	28,695,473	3,836,581	10,074,180	123,803,184	67,898,350							
1954	124	6,386	24,847,011	3,488,018	9,927,474	136,256,758	78,077,980							
1955	103	6,529	28,741,770	3,465,589	9,740,623	140,186,677	82,663,039							
1956	96	6,338	27,253,247	3,452,821	6,215,578	142,920,691	86,804,019							
1957	83	5,844	26,258,837	2,992,834	11,360,204	115,981,445	59,485,349							
Nickel-copper mines														
1953	32	11,511	47,596,673	2,359,492	12,413,382	81,173,678	64,973,669							
1954	37	11,244	48,142,987	3,054,201	12,877,338	94,467,073	74,891,033							
1955	38	10,953	48,670,802	2,982,741	14,338,539	96,027,045	75,454,036							
1956	55	11,872	55,488,888	3,030,633	14,931,635	103,616,192	82,735,929							
1957	85	12,124	59,807,895	3,810,592	18,049,861	110,427,956	84,148,711							
Iron mines														
1954	Prior to 1955 Iron mines were included in Miscellaneous Metal mines.													
1955	30	4,892	18,740,274	2,694,357	6,466,556	110,435,850	71,788,935							
1956	40	6,469	29,249,650	5,950,687	8,412,065	160,362,118	99,606,720							
1957	60	7,770	38,288,939	6,218,370	10,312,348	167,221,425	102,701,537							
Miscellaneous metal mines														
1953	54	5,784	23,023,639	3,132,808	6,907,890	51,076,472	35,136,282							
1954 ³	180	6,494	24,603,658	3,553,358	10,174,222	83,379,952	66,138,130							
1955 ³	223	2,826	12,663,195	1,844,436	4,355,385	35,103,488	28,305,111							
1956 ³	189	4,377	20,532,485	4,191,314	8,630,542	54,494,426	40,781,866							
1957 ³	139	8,705	42,368,402	6,539,935	20,949,018	144,689,681	115,788,076							
Total Metal Mining														
1953	536	51,711	191,395,373	19,470,017	62,075,441	486,048,068	333,413,315							
1954	693	51,599	195,196,870	20,651,237	67,571,041	555,991,882	389,226,573							
1955	794	53,364	211,248,550	22,525,452	72,514,401	669,762,060	465,927,453							
1956	886	57,564	242,946,571	28,410,166	79,301,817	743,722,067	509,210,175							
1957	844	62,554	278,532,935	31,588,383	99,380,414	791,257,471	532,031,375							

See footnotes at end of table.

TABLE 22 Principal Statistics of the Mineral Industry, by Industries, 1953-1957 — Continued

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies and containers	Gross value of production ¹	Net value added by processing ²							
Metal Mining Industries — Concluded														
Smelting and refining														
1953	18	25,115	94,545,611	52,594,155	508,116,759 ⁴	870,918,142	310,207,228							
1954	22	26,048	102,595,970	55,225,387	515,315,655 ⁴	922,578,998	352,037,956							
1955	24	28,606	118,189,378	57,148,510	710,762,890 ⁴	1,211,716,481	443,805,081							
1956	23	30,788	130,139,944	64,942,503	820,604,322 ⁴	1,396,565,178	511,018,353							
1957	23	29,613	134,775,206	59,474,791	770,004,696 ⁴	1,280,145,652	450,666,165							
Total Metals														
1953	574	76,826	285,940,984	72,064,172	570,192,200		643,620,543							
1954	715	77,647	297,792,840	75,876,624	582,886,696		741,264,529							
1955	818	81,970	329,437,828	79,673,962	783,277,291		909,732,534							
1956	909	88,352	373,086,515	93,332,669	899,906,139		1,020,228,528							
1957	867	92,167	413,308,141	91,063,174	869,385,110		982,697,540							
Non-metal Mining Industries														
Asbestos														
1953	24	6,482	24,567,463	3,783,653	10,305,046	86,078,924	71,990,225							
1954	25	6,563	24,850,100	4,130,806	9,924,166	88,441,436	72,386,464							
1955	30	6,729	28,116,049	5,117,137	11,180,264	99,675,651	83,378,250							
1956	23	7,065	30,411,878	5,541,309	12,335,772	103,304,309	85,427,228							
1957	22	7,357	32,283,287	6,008,420	14,558,214	108,014,041	87,447,407							
Feldspar, quartz and nepheline syenite														
1953	33	431	1,358,308	245,160	255,741	4,010,191	3,375,154							
1954	29	377	1,193,766	204,695	290,080	3,662,181	3,107,993							
1955	33	414	1,359,695	236,024	262,907	4,510,375	3,734,690							
1956	30	502	1,792,484	352,067	309,799	6,017,744	5,258,255							
1957	28	450	1,737,907	373,304	556,356	6,495,258	5,310,235							
Gypsum														
1953	14	954	2,891,848	371,362	1,687,846	7,399,884	5,340,676							
1954	14	932	2,929,829	355,302	1,811,188	7,095,779	4,929,289							
1955	14	944	2,874,198	414,297	1,776,138	8,037,153	5,846,718							
1956	15	1,030	3,317,673	454,428	1,903,098	7,260,236	4,902,710							
1957	13	816	2,653,320	468,366	1,440,177	7,745,105	5,836,562							
Iron oxides (ochres)														
1953	4	37	83,095	23,776	2,250	195,801	152,958							
1954	3	31	67,564	21,822	3,904	186,856	150,871							
1955	4	33	71,781	21,931	3,931	165,928	121,772							
1956	3	29	49,669	6,055	5,465	191,145	152,400							
1957	3	28	64,011	22,402	5,627	192,388	141,288							
Mica														
1953	44	105	152,284	14,811	11,540	161,128	134,777							
1954	32	44	59,194	7,778	6,154	85,139	71,207							
1955	33	31	42,495	6,491	5,157	78,375	66,727							
1956	23	23	37,673	4,796	4,045	97,049	88,208							
1957	25	45	66,283	5,585	7,411	113,458	100,462							
Peat														
1953	36	955	1,579,715	118,127	866,870	3,432,093	2,447,096							
1954	40	880	1,736,002	141,004	999,791	3,965,572	2,824,777							
1955	39	1,180	2,109,166	165,496	1,184,589	4,651,411	3,301,326							
1956	38	1,274	2,538,885	175,351	1,251,702	5,451,305	4,024,252							
1957	35	1,168	2,542,210	182,987	1,283,093	5,898,696	4,432,616							

See footnotes at end of table.

MINERAL STATISTICS

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1953-1957 - Continued

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies and containers	Gross value of production ¹	Net value added by processing ¹							
Non-metal Mining Industries - Concluded														
Salt														
1953	12	676	1, 957, 318	959, 927	1, 866, 106	8, 405, 789	5, 579, 756							
1954	13	669	2, 067, 424	758, 120	1, 944, 611	9, 854, 135	7, 151, 404							
1955	13	691	2, 347, 080	1, 019, 017	2, 280, 268	11, 869, 077	8, 569, 792							
1956	13	785	2, 740, 685	988, 301	2, 465, 982	14, 007, 188	10, 552, 905							
1957	12	800	3, 118, 482	1, 141, 665	2, 501, 549	16, 842, 049	12, 198, 835							
Talc and soapstone														
1953	3	54	132, 934	32, 707	30, 608	308, 497	245, 182							
1954	4	53	134, 437	35, 545	65, 209	389, 048	288, 294							
1955	4	50	130, 221	38, 689	63, 122	392, 667	290, 831							
1956	4	67	169, 120	30, 490	83, 043	429, 335	315, 802							
1957	4	77	222, 287	35, 427	107, 298	512, 724	369, 999							
Miscellaneous non-metal mines														
1953	40	1, 405	4, 188, 845	1, 261, 364	1, 161, 201	9, 987, 665	7, 505, 860							
1954	47	1, 343	4, 839, 822	1, 419, 441	1, 202, 247	10, 421, 552	7, 716, 472							
1955	73	1, 650	5, 340, 186	1, 597, 371	1, 665, 679	10, 987, 755	7, 561, 714							
1956	60	1, 773	6, 069, 934	2, 078, 573	1, 936, 327	15, 813, 812	11, 692, 288							
1957	50	1, 571	5, 673, 243	1, 909, 893	1, 597, 860	14, 278, 289	10, 723, 739							
Total Non-metal Mining Industries														
1953	210	11, 099	36, 891, 610	6, 810, 887	16, 187, 208	119, 979, 972	96, 771, 684							
1954	207	10, 892	37, 878, 138	7, 674, 513	16, 247, 350	122, 101, 698	98, 626, 771							
1955	243	11, 722	42, 396, 871	8, 616, 453	18, 422, 055	140, 368, 392	112, 871, 820							
1956	209	12, 548	47, 128, 001	9, 631, 370	20, 295, 233	152, 572, 123	122, 414, 048							
1957	192	12, 310	48, 361, 030	10, 148, 049	22, 057, 385	159, 092, 008	126, 561, 143							
Fuels Industries														
Coal														
1953	241	19, 847	59, 350, 290	5, 989, 108	12, 177, 328	102, 721, 875	84, 575, 439							
1954	223	18, 050	53, 630, 045	4, 932, 772	10, 698, 535	96, 600, 266	80, 968, 959							
1955	203	16, 590	50, 325, 387	5, 014, 951	10, 353, 242	93, 579, 471	78, 211, 278							
1956	185	18, 095	49, 468, 237	5, 141, 388	11, 175, 928	95, 349, 763	79, 032, 447							
1957	170	14, 569	47, 222, 273	4, 862, 774	11, 449, 280	90, 220, 670	73, 908, 636							
Natural gas														
1953	3, 688	2, 769	8, 073, 532	291, 366	45, 911	8, 856, 501	6, 519, 224							
1954	3, 572	2, 887	8, 864, 662	287, 009	69, 395	8, 286, 809	7, 930, 405							
1955	3, 659	2, 849	8, 070, 036	279, 472	199, 108	9, 194, 119	8, 715, 539							
1956	3, 484	2, 947	10, 617, 695	575, 062	269, 825	9, 273, 891	8, 429, 004							
1957	3, 939	1, 951	7, 033, 566	346, 023	187, 579	10, 462, 756	9, 929, 154							
Petroleum														
1953	7, 506	4, 150	16, 430, 201	2, 447, 173	3, 020, 756	204, 481, 012	199, 013, 083							
1954	8, 562	3, 870	15, 756, 455	2, 848, 332	4, 095, 789	241, 854, 366	240, 910, 245							
1955	10, 467	4, 019	16, 948, 262	3, 289, 228	5, 785, 035	310, 666, 676	301, 592, 413							
1956	13, 142	5, 145	25, 734, 994	4, 231, 770	8, 817, 449	408, 291, 885	395, 242, 866							
1957	14, 946	5, 465	27, 898, 044	5, 624, 428	10, 504, 401	454, 862, 173	438, 733, 344							
Total Fuels														
1953	11, 435	26, 766	83, 854, 023	8, 767, 647	15, 243, 995	314, 059, 388	290, 197, 746							
1954	12, 357	24, 807	78, 271, 162	8, 068, 113	14, 863, 719	352, 741, 441	329, 809, 609							
1955	14, 329	23, 458	76, 343, 685	8, 583, 651	16, 337, 385	413, 440, 266	388, 519, 230							
1956	16, 811	24, 187	85, 820, 926	9, 948, 220	20, 263, 202	512, 915, 539	482, 704, 117							
1957	19, 055	21, 985	81, 953, 883	10, 833, 225	22, 141, 240	555, 545, 599	522, 571, 134							

See footnotes at end of table.

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1953-1957 - Concluded

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies and containers	Gross value of production ¹	Net value added by processing ²							
Clay Products and Other Structural Materials														
Clay products														
1953	125	3,719	10,833,628	4,843,283	799,534	29,777,731	24,134,914							
1954	125	3,929	12,112,490	5,253,397	770,415	32,360,098	26,336,286							
1955	118	4,118	12,850,465	5,287,490	886,736	36,353,183	30,178,957							
1956	119	4,418	14,793,971	6,212,519	1,123,043	37,784,980	30,449,418							
1957	111	4,067	13,963,399	6,020,971	958,936	35,922,158	28,942,251							
Cement														
1953	11	2,391	8,873,694	11,327,001	10,472,651	62,227,924	40,428,272							
1954	12	2,575	9,802,707	11,576,516	10,667,304	62,196,947	39,953,127							
1955	12	2,801	10,962,895	12,970,470	11,505,305	68,812,666	44,336,891							
1956	17	3,166	12,856,855	15,763,605	12,784,027	78,605,846	50,058,214							
1957	17	3,465	15,317,388	19,692,658	16,193,942	97,079,041	61,192,441							
Lime														
1953	42	1,057	3,276,434	3,387,340	1,221,547	15,209,107	10,600,220							
1954	40	1,012	3,349,881	3,382,054	1,295,963	15,488,731	10,810,714							
1955	39	1,099	3,776,481	3,474,710	1,308,751	16,576,891	11,793,430							
1956	38	1,100	3,853,007	3,670,384	1,235,969	16,462,331	11,555,978							
1957	39	1,152	3,982,533	4,154,766	1,277,317	17,528,782	12,096,699							
Sand and gravel														
1953	7,623	4,377	13,253,953	2,185,707	1,360,545	53,485,401	49,959,149							
1954	7,891	4,437	13,717,851	2,371,970	712,905	58,987,671	55,902,796							
1955	7,999	4,360	14,442,413	2,635,407	723,540	67,775,053	64,416,106							
1956	8,311	4,627	14,994,414	3,095,393	936,646	81,957,352	77,925,313							
1957	8,589	5,987	18,162,499	3,498,423	934,067	91,939,354	87,306,864							
Stone														
1953	488	3,803	10,139,192	1,791,797	2,896,537	30,613,051	25,924,717							
1954	557	4,146	12,380,804	2,307,791	3,354,439	39,857,134	34,194,904							
1955	557	4,108	12,390,943	2,334,445	3,137,050	43,736,687	38,265,192							
1956	523	4,142	13,513,965	2,463,126	3,945,537	48,809,918	42,401,255							
1957	583	4,331	14,552,950	2,949,437	4,201,890	59,197,662	52,046,335							
Total Clay Products and Other Structural Materials														
1953	8,289	15,347	46,378,901	23,515,128	16,750,814	191,313,214	151,047,272							
1954	8,625	16,099	51,363,733	24,891,728	16,801,026	208,890,581	167,197,827							
1955	8,725	16,486	54,423,217	26,702,522	17,561,382	233,254,480	188,990,376							
1956	9,008	17,473	60,012,212	31,205,027	20,025,222	263,620,427	212,390,178							
1957	9,339	19,002	65,978,769	36,316,255	23,566,152	301,666,997	241,784,590							
GRAND TOTAL OF ALL INDUSTRIES														
1953	20,508	130,038	453,065,518	111,097,834	518,374,217		1,181,547,245							
1954	21,904	129,445	465,305,873	115,910,978	630,798,791		1,336,898,736							
1955	24,115	133,636	502,585,701	123,376,588	835,598,113		1,600,314,160							
1956	28,937	142,560	566,047,654	144,137,286	960,489,796		1,837,736,871							
1957	29,453	145,464	609,601,823	148,360,703	937,149,887		1,837,614,407							

¹ In this table the compilations are on an industry basis, and the gross value of production, except for non-ferrous smelting and refining, is computed on the basis of values f.o.b. mines or shipping points. For non-metals, fuels and structural materials there are only small differences between the totals made up on the industry basis and the totals prepared on a commodity basis as recorded in Tables 1 to 15 of this report; the cost of containers is included in the industry figures and there are some minor discrepancies because of methods of compilation. For the metals the difference between the two sets of figures is much greater, principally because in the commodity compilations (Tables 1 to 15) the output is measured at the smelter stage.

Because of the inclusion of figures for the non-ferrous smelting and refining industry, there would be considerable duplication in the overall gross value of production. Excluding smelters and refineries, the gross value of production for the mineral industries was as follows: in 1953 - \$1,111,400,642; in 1954 - \$1,239,722,602; in 1955 - \$1,456,825,198; in 1956 - \$1,672,830,156; in 1957 - \$1,807,474,768.

² Gross value, less the cost of fuel, electricity, process supplies, containers, freight and treatment charges.

³ Includes data of uranium mines. - Data not available for 1941-1953.

⁴ Cost of ores and concentrates are included in smelting and refining data and in total metals.

Note: The number of producing metal mines was as follows: in 1953 - 220; in 1954 - 260; in 1955 - 263; in 1956 - 252; in 1957 - 265.

TABLE 23. Principal Statistics of the Mineral Industry, by Provinces, 1953-1957

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies, ores and containers	Net value added by processing ¹
	No.	No.	\$	\$	\$	\$
Newfoundland						
1953	903	4,541	15,567,726	1,373,014	3,421,914	22,003,003
1954	935	4,239	14,453,655	1,407,014	3,888,315	27,904,242
1955	963	4,273	14,768,356	1,526,686	3,636,792	43,810,350
1956	972	5,032	19,058,143	2,087,184	4,237,315	52,661,275
1957	861	4,694	18,474,608	1,885,222	4,189,974	46,471,402
Nova Scotia						
1953	540	13,037	39,236,701	4,473,814	9,600,075	53,075,567
1954	550	12,899	38,482,669	3,967,225	9,844,944	59,111,757
1955	435	11,895	35,221,162	3,755,791	9,355,570	53,220,581
1956	645	11,897	34,753,648	3,896,193	10,082,506	52,334,662
1957	637	10,827	34,924,921	3,677,795	10,226,192	54,799,518
New Brunswick						
1953	383	1,755	4,545,645	1,375,329	1,299,981	9,276,970
1954	453	1,930	5,080,813	1,483,688	1,288,379	9,992,761
1955	510	2,221	6,491,864	1,723,548	1,526,965	12,742,214
1956	565	2,456	7,166,887	1,917,575	1,809,042	14,638,724
1957	551	2,222	7,136,701	2,108,384	2,319,156	15,501,549
Quebec						
1953	4,059	33,095	113,001,528	46,850,801	236,547,438	298,136,878
1954	4,186	33,784	118,958,503	48,597,456	240,256,827	340,569,396
1955	4,366	36,068	135,625,841	52,093,927	376,642,782	411,667,591
1956	4,296	36,976	143,450,586	55,640,510	427,318,028	456,301,953
1957	4,646	37,540	150,599,715	52,969,621	323,464,111	412,047,336
Ontario						
1953	6,436	44,427	159,013,933	36,933,349	231,583,693	380,609,197
1954	6,389	44,872	166,924,014	38,990,938	250,260,905	406,749,120
1955	6,545	45,253	175,160,318	39,599,001	297,860,906	480,392,319
1956	6,314	49,308	202,904,431	47,167,413	347,302,902	523,509,563
1957	6,904	53,847	235,751,851	53,616,842	420,083,408	597,907,855
Manitoba						
1953	321	2,793	10,794,413	2,433,900	11,725,887	17,757,044
1954	551	2,631	10,885,823	2,656,241	7,549,980	26,672,764
1955	872	3,517	14,259,341	3,187,058	10,312,891	37,044,979
1956	1,086	3,220	13,170,338	4,141,848	9,201,163	44,835,075
1957	1,217	3,143	13,320,716	3,690,537	10,080,614	38,484,098

See footnote at end of table.

TABLE 23. Principal Statistics of the Mineral Industry, by Provinces, 1953-1957 — Concluded

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity ²	Cost of process supplies, ores and containers	Net value added by processing ¹		
							No.	No.
Saskatchewan								
1953	1,197	2,995	11,346,088	3,104,617	29,822,996	36,416,822		
1954	1,597	3,607	15,181,543	3,906,294	15,134,774	57,903,741		
1955	2,123	3,990	17,766,069	4,808,109	21,444,211	68,199,727		
1956	3,053	4,826	22,670,036	8,286,590	20,558,091	102,038,999		
1957	3,774	5,765	28,233,058	7,254,715	23,517,258	144,563,136		
Alberta								
1953	5,598	11,313	37,555,287	5,056,995	8,390,279	236,186,969		
1954	6,150	10,069	34,228,685	5,310,891	9,934,659	266,839,682		
1955	7,235	9,540	34,371,452	5,148,897	13,759,562	320,395,543		
1956	8,813	10,089	42,098,665	6,417,660	15,889,102	400,305,131		
1957	9,648	9,124	38,552,275	7,349,488	15,154,884	397,962,407		
British Columbia								
1953	1,008	14,488	53,928,887	8,026,578	84,307,476	111,129,794		
1954	1,021	13,420	52,079,596	8,048,365	89,301,415	108,639,931		
1955	979	15,029	59,481,061	9,751,648	96,737,589	140,742,540		
1956	1,078	16,864	70,494,703	14,409,055	120,856,885	164,568,929		
1957	1,103	16,252	70,948,719	13,522,196	122,272,528	140,883,635		
Northwest Territories								
1953	41	791	3,686,321	767,078	769,909	8,675,331 ³		
1954	40	837	4,026,418	730,497	961,253	24,565,743		
1955	49	1,028	5,133,979	1,018,343	1,757,286	21,943,403		
1956	81	1,111	5,678,522	1,386,024	2,346,839	18,244,965		
1957	80	1,255	7,239,682	1,536,319	1,709,536	18,311,041		
Yukon								
1953	22	843	4,389,189	702,359	904,569	8,279,870		
1954	33	957	5,004,154	812,369	2,377,340	7,949,599		
1955	39	822	4,316,258	783,580	572,620	9,154,913		
1956	35	781	4,600,700	787,234	1,095,581	8,297,575		
1957	33	795	4,419,577	749,584	2,132,228	6,702,488		
Canada								
1953	20,508	130,038	453,065,518	111,097,834	618,374,217	1,181,547,245		
1954	21,904	129,445	465,365,873	115,910,978	630,798,791	1,336,898,736		
1955	24,115	133,636	502,595,701	123,376,588	835,607,154	1,600,314,160		
1956	26,837	142,560	566,047,654	144,137,286	960,497,454	1,837,736,871		
1957	28,453	145,464	609,691,823	148,360,703	937,149,887	1,873,614,407		

¹ Gross value less cost of fuel, electricity, process supplies, containers, ores, freight and treatment charges.² Includes fuel and electricity used for metallurgical purposes.³ Data on pitchblende not included.

Note: Plants in the provinces do not add to Canada total, as a plant which is located on the Manitoba-Saskatchewan boundary is counted but once.

TABLE 24. Employees and their Earnings in the Mineral Industry, by Industries, 1957

Industry	Number of employees					Number of man-hours worked (all employees)	Earnings			
	Office and administrative		Workmen		Total ¹		Office and administrative	Workmen	Total	
	Male	Female	Male	Female						
dollars										
Metal mining:										
Placer gold	14	6	218	5	243	661,202	92,833	1,087,392	1,180,225	
Gold quartz	1,801	158	15,066	86	16,911	36,996,927	8,975,888	54,732,792	63,708,680	
Copper-gold silver	1,493	219	8,570	77	10,359	22,946,894	9,134,100	37,560,252	46,694,352	
Silver-cobalt	80	6	509	3	598	1,345,546	397,066	1,812,739	2,209,805	
Silver-lead-zinc	905	83	4,782	74	5,844	12,279,530	4,921,808	21,335,029	26,256,837	
Nickel-copper	1,105	49	10,957	13	12,124	25,279,274	7,413,136	52,394,559	59,807,695	
Iron	917	160	6,646	47	7,770	16,812,950	5,594,625	30,694,314	36,288,939	
Miscellaneous metals	1,534	142	6,992	37	8,705	20,072,591	7,145,593	35,240,809	42,386,402	
Smelting and refining	4,716	692	24,152	53	29,613	65,661,725	29,413,697	105,361,509	134,775,206	
Total metal	12,363	1,515	77,892	395	92,167	202,056,639	73,088,746	340,219,395	413,308,141	
Non-metallics:										
Asbestos	1,043	133	8,153	28	7,357	15,529,434	6,159,119	26,124,168	32,283,287	
Feldspar and quartz	85	9	355	1	450	980,825	468,259	1,289,648	1,737,907	
Gypsum	111	10	693	2	816	1,843,403	526,510	2,126,810	2,653,320	
Iron oxides	1	1	24	—	26	56,185	8,460	55,551	64,011	
Mica	2	—	33	10	45	78,251	4,500	61,783	66,283	
Peat	50	15	1,060	43	1,168	2,365,467	254,685	2,287,525	2,542,210	
Salt	136	29	591	44	800	1,731,966	739,816	2,378,666	3,118,482	
Talc and soapstone	9	1	67	—	77	189,728	45,453	176,834	222,287	
Miscellaneous	176	20	1,372	3	1,571	3,180,501	914,396	4,758,847	5,673,243	
Total non-metallic	1,613	218	10,348	131	12,310	25,935,760	9,121,198	39,239,832	48,361,030	
Fuels:										
Coal	1,275	33	13,261	—	14,569	26,415,408	4,973,968	42,248,305	47,222,273	
Natural gas	229	87	1,550	85	1,951	4,232,931	1,367,622	5,665,944	7,033,566	
Petroleum	1,379	256	3,797	33	5,465	13,640,704	8,582,566	19,115,478	27,698,044	
Total fuels	2,883	376	18,608	118	21,985	44,289,043	14,924,156	67,029,727	81,953,883	
Structural materials:										
Cement	350	61	3,049	5	3,465	7,606,238	2,274,918	13,042,470	15,317,388	
Clay products	346	55	3,604	62	4,067	9,138,790	1,808,173	12,155,226	13,963,399	
Lime	108	14	1,029	1	1,152	2,634,742	455,568	3,526,965	3,982,533	
Sand and gravel	367	72	5,539	9	5,987	14,261,913	1,655,007	16,507,492	18,162,499	
Stone	393	46	3,887	5	4,331	10,465,519	1,734,420	12,818,530	14,552,950	
Total structural	1,564	248	17,108	82	19,002	44,107,202	7,928,086	58,050,683	63,978,769	
Total mineral industry	18,425	2,357	123,956	726	145,464	316,408,644	105,062,186	504,539,637	609,601,823	

¹ Data are not inclusive of all individuals or syndicates engaged in prospecting or general exploration.

TABLE 25. Employees and their Earnings in the Mineral Industry, by Provinces, 1957

Province	Number of employees					Number of man-hours worked (all employees)	Earnings			
	Office and administrative		Workmen		Total		Office and administrative	Workmen	Total	
	Male	Female	Male	Female						
dollars										
Newfoundland	515	39	4,082	58	4,694	10,347,467	2,571,531	15,903,077	18,474,608	
Nova Scotia	950	26	9,833	18	10,827	21,038,638	3,687,789	31,237,132	34,924,921	
New Brunswick	163	21	2,019	19	2,222	4,886,527	966,179	6,170,522	7,136,701	
Quebec	4,995	633	31,805	107	37,540	82,787,262	27,968,613	122,631,102	150,599,715	
Ontario	6,102	701	46,852	192	53,847	118,649,138	36,620,148	199,131,703	235,751,851	
Manitoba	348	63	2,693	39	3,143	6,939,912	2,063,071	11,257,645	13,320,716	
Saskatchewan	993	179	4,569	24	5,765	12,958,399	5,836,214	22,398,844	28,233,058	
Alberta	1,537	251	7,258	78	9,124	19,360,860	8,800,106	29,752,169	38,552,275	
British Columbia	2,474	402	13,192	184	16,252	33,885,088	14,549,018	56,399,701	70,948,719	
Northwest Territories	239	26	986	4	1,255	3,479,112	1,327,573	5,912,109	7,239,682	
Yukon	109	16	667	3	795	2,076,241	671,944	3,747,633	4,419,577	
Canada	18,425	2,357	123,956	726	145,464	316,408,644	105,062,186	504,539,637	609,601,823	

TABLE 26. Employees and Salaries and Wages in the Mineral Industry, 1948-1957

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec		Ontario		Manitoba	
	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages
		\$		\$		\$		\$		\$		\$
1948	-	-	13,957	32,491,530	1,639	3,039,036	27,809	64,395,934	36,079	95,046,248	2,736	7,156,024
1949	3,807	8,926,150	13,557	32,727,764	1,745	3,310,220	26,471	66,633,847	38,980	103,684,179	2,648	7,558,052
1950	3,558	7,763,217	13,364	34,698,277	1,804	3,631,388	27,909	74,652,149	39,549	114,370,430	2,776	8,569,746
1951	4,114	10,984,035	13,799	37,388,122	1,526	3,283,050	30,349	92,213,392	43,451	138,056,626	2,632	9,091,188
1952	4,585	13,835,288	13,578	40,857,352	1,596	4,096,170	33,010	108,515,942	44,172	154,267,119	3,336	12,946,522
1953	4,541	15,567,726	13,037	39,236,701	1,755	4,545,645	33,095	113,001,528	44,427	159,013,933	2,793	10,794,413
1954	4,239	14,453,655	12,899	38,482,669	1,930	5,080,813	33,784	118,958,503	44,872	166,924,014	2,631	10,885,823
1955	4,273	14,768,356	11,895	35,221,162	2,221	6,491,864	36,066	135,625,841	45,253	175,160,318	3,517	14,259,341
1956	5,032	19,058,143	11,897	34,753,648	2,456	7,166,882	36,976	143,450,586	49,308	202,904,431	3,220	13,170,338
1957	4,694	18,474,608	10,827	34,924,921	2,222	7,136,701	37,540	150,599,715	53,847	235,751,851	3,143	13,320,716
	Saskatchewan		Alberta		British Columbia		Northwest Territories		Yukon		Canada	
	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages
		\$		\$		\$		\$		\$		\$
1948	2,881	8,007,116	11,951	29,085,041	14,384	38,033,557	828	2,721,296	593	2,025,800	112,855	282,001,582
1949	3,079	9,404,837	12,260	32,180,770	14,632	40,465,801	826	2,694,496	502	2,061,062	116,507	309,647,178
1950	2,729	8,605,454	12,135	32,755,745	15,076	42,562,240	884	3,249,770	604	2,586,281	120,388	333,444,697
1951	2,930	10,891,010	12,198	37,095,311	16,273	51,117,168	904	3,822,078	695	3,219,555	128,871	397,161,533
1952	2,113	8,024,308	12,107	39,877,562	17,820	62,223,703	959	4,106,791	840	4,425,394	134,116	452,976,151
1953	2,955	11,346,088	11,313	37,555,287	14,488	53,928,887	791	3,686,321	843	4,389,189	130,038	453,065,518
1954	3,607	15,181,543	10,069	34,228,685	13,420	52,079,596	837	4,026,418	957	5,004,154	129,445	465,305,873
1955	3,990	17,766,069	9,540	34,371,452	15,029	59,481,061	1,028	5,133,979	822	4,316,258	133,636	502,595,701
1956	4,826	22,670,036	10,089	42,098,665	16,864	70,494,703	1,111	5,679,522	781	4,600,700	142,560	566,047,654
1957	5,765	28,233,058	9,124	38,552,275	16,252	70,948,719	1,255	7,239,682	795	4,419,577	145,464	609,601,823

TABLE 27. Employees and Earnings, by Provinces and by Mineral Classes, 1956 and 1957

Province	Metals		Non-metals		Fuels		Structural materials	
	Employees	Earnings	Employees	Earnings	Employees	Earnings	Employees	Earnings
	No.	\$	No.	\$	No.	\$	No.	\$
1956								
Newfoundland	3,706	15,343,787	506	1,511,599	-	-	820	2,202,757
Nova Scotia	106	302,775	1,229	3,859,076	9,983	29,167,810	579	1,423,987
New Brunswick	515	1,886,121	284	419,951	1,012	2,952,831	645	1,907,979
Quebec	23,990	94,361,425	7,877	31,671,134	-	-	5,109	17,418,027
Ontario	39,767	168,070,253	1,258	5,004,723	1,763	5,853,937	6,522	23,975,518
Manitoba	2,016	9,297,912	159	440,413	156	652,977	889	2,779,036
Saskatchewan	2,872	14,721,010	270	956,076	1,390	6,073,600	294	919,350
Alberta	663	3,067,487	58	193,915	8,212	34,724,657	1,156	4,112,606
British Columbia	12,845	55,875,815	909	3,071,114	1,651	6,274,822	1,459	5,272,952
Northwest Territories	1,099	5,801,103	-	-	12	78,419	-	-
Yukon	773	4,558,827	-	-	8	41,873	-	-
Canada	88,352	373,086,515	12,548	47,128,001	24,187	85,820,926	17,473	60,012,212
1957								
Newfoundland	3,836	15,529,357	360	1,196,338	-	-	498	1,748,913
Nova Scotia	7	19,734	1,064	3,351,241	9,181	29,988,125	575	1,565,821
New Brunswick	416	1,602,409	218	404,363	977	3,080,546	611	1,849,383
Quebec	22,674	96,087,406	8,091	33,308,127	-	-	6,775	21,204,182
Ontario	44,853	201,645,932	1,255	5,303,875	948	3,197,505	6,791	25,604,539
Manitoba	2,051	9,705,210	146	488,226	137	607,482	809	2,519,798
Saskatchewan	3,449	18,380,463	229	798,002	1,704	7,712,519	383	1,342,074
Alberta	657	3,177,147	58	197,749	7,251	30,601,060	1,158	4,576,319
British Columbia	12,202	55,448,017	880	3,269,352	1,768	6,663,610	1,402	5,567,740
Northwest Territories	1,246	7,160,659	-	-	9	59,023	-	-
Yukon	776	4,331,807	9	43,757	10	44,013	-	-
Canada	92,167	413,308,141	12,310	48,361,030	21,985	81,953,883	18,002	65,978,769

TABLE 28. Wage-earners on the Surface, Underground and in the Mill, 1957

Province	Metal mines			Non-metallics ¹			Fuels		Structural materials	
	Surface	Under-ground	Mill ²	Surface	Under-ground	Mill	Surface	Under-ground	Surface	Mill
	number									
Newfoundland	1,890	1,380	88	113	169	42	—	—	347	111
Nova Scotia	6	—	—	677	30	201	1,165	7,236	344	192
New Brunswick	141	82	108	133	—	83	573	347	269	302
Quebec	4,247	5,181	9,285	3,326	1,205	2,342	—	—	3,859	2,467
Ontario	8,746	17,887	12,590	301	235	473	828	—	3,071	2,913
Manitoba	711	641	396	48	24	53	103	—	262	494
Saskatchewan	859	937	1,128	12	—	188	1,164	1	103	201
Alberta	—	—	425	—	—	43	4,338	1,529	307	694
British Columbia	1,238	2,513	6,171	482	84	208	501	925	668	566
Northwest Territories	374	469	139	—	—	—	8	—	—	—
Yukon	320	292	43	5	2	—	3	5	—	—
Canada, 1957	18,532	29,382	30,373	5,097	1,749	3,633	8,683	10,043	9,250	7,940
1956	16,706	27,679	31,062	5,004	1,798	4,093	9,622	11,065	7,800	8,070
1955	15,340	26,522	28,669	4,773	1,632	3,809	8,886	11,439	7,431	7,636
1954	14,098	26,821	26,627	4,094	1,659	3,740	9,082	12,422	7,732	7,085
1953 ³	+13,369	27,580	25,311	4,256	1,718	3,782	9,838	13,587	7,318	6,876

¹ Includes asbestos, salt, gypsum, etc.² Includes non-ferrous smelters and refineries.³ Exclusive of data on mining of pitchblende ores.

TABLE 29. Administration and Office Employees at Places in Canada, Except at Mine or Plant, 1957

Plant location	Average number of employees			Salaries and wages
	Male	Female	Total	
				\$
Newfoundland	150	76	226	1,803,332
Nova Scotia	1,338	83	1,421	5,179,036
New Brunswick	32	33	55	261,189
Quebec	1,014	237	1,251	8,532,997
Ontario	494	223	717	3,742,705
Manitoba	52	21	74	313,369
Saskatchewan	110	34	144	764,211
Alberta	4,419	1,679	6,098	30,464,165
British Columbia	128	61	189	1,183,106
Northwest Territories	15	2	17	58,700
Yukon	118	5	123	773,700
Canada	7,871	2,444	10,315	53,076,510

Data in Tables 29 and 30 not included elsewhere in this report.

TABLE 30. Administration and Office Employees at Places in Canada, Except at Mine or Plant, 1957

Industry	Average number of employees			Salaries and wages
	Male	Female	Total	
				\$
Metal mining	1,412	362	1,774	12,607,050
Smelting and refining ¹	5,892	1,871	7,763	36,759,634
Fuels	154	67	221	1,213,784
Non-metallic mining	413	144	557	2,496,062
Structural materials and clay products	7,871	2,444	10,315	53,076,510

¹ Iron and steel plants are excluded.

TABLE 31. Cost of Prospecting Conducted by Metal Mining Companies, 1954-1957

Province in which prospecting was conducted	By placer gold mines ¹	By gold quartz mines ¹	By copper-gold-silver mines ¹	By silver-cobalt mines ¹	By silver-lead-zinc mines ¹	By nickel-copper mines ¹	By miscellaneous metal and mines ¹	Total metal mining
dollars								
1954								
Newfoundland	-	66,014	-	-	333,305	58,371	865,936	1,323,626
Nova Scotia	-	13,817	78,428	-	74,145	-	17,493	183,883
New Brunswick	-	134,273	457,565	-	3,993,071	107,905	1,364,075	6,056,889
Quebec	-	1,535,511	796,633	1,440	359,661	12,758	2,247,039	4,953,042
Ontario	-	1,232,225	1,238,228	23,293	746,246	2,637,450	1,149,976	7,027,418
Manitoba	-	24,317	72,864	-	48,773	1,841,531	7,744	1,995,229
Saskatchewan	-	204,623	100,148	-	302,413	709,322	577,467	1,893,973
Alberta	-	-	-	-	2,872	-	2,000	4,872
British Columbia	6,399	112,841	277,823	-	634,251	1,526	231,119	1,263,959
Northwest Territories	-	54,359	5,396	-	31,802	191,491	71,874	354,922
Yukon	28,841	21,775	161,805	-	317,358	1,225,450	2,193	1,757,422
Canada	35,240	3,399,755	3,188,890	24,733	6,843,897	6,785,804	6,536,916	26,815,235
1955								
Newfoundland	-	-	19,939	-	249,576	14,557	158,566	442,638
Nova Scotia	-	227	264,957	-	51,380	482	33,333	350,379
New Brunswick	-	131,778	1,581,845	-	572,231	104,587	521,566	2,912,007
Quebec	-	313,921	2,230,376	23,409	690,385	194,052	1,499,606	4,951,729
Ontario	-	790,183	2,108,177	48,663	723,142	3,810,036	3,410,345	10,890,546
Manitoba	-	24,422	85,261	-	101,525	2,130,437	32,369	2,374,014
Saskatchewan	-	2,599	100,896	1,750	45,490	582,910	591,162	1,324,807
Alberta	-	-	14,316	-	-	-	-	14,316
British Columbia	12,524	51,182	416,500	12,702	500,189	150,077	159,542	1,302,716
Northwest Territories	-	67,710	56,441	-	169,041	291,442	171,715	756,349
Yukon	12,280	88,621	268,790	-	89,309	1,065,606	84,434	1,609,040
Canada	24,804	1,470,643	7,147,498	86,524	3,192,248	8,344,186	6,662,638	26,928,541
1956								
Newfoundland	-	353,675	283,067	-	266,064	960	1,056,064	1,961,830
Nova Scotia	-	1,020	54,908	-	180,029	-	77,450	313,407
New Brunswick	-	282,993	2,762,998	-	157,218	396	563,375	3,766,980
Quebec	-	1,612,798	5,506,738	3,157	1,317,349	1,206,200	3,705,926	13,352,168
Ontario	-	1,213,821	3,981,727	107,238	418,406	3,916,585	2,056,823	11,694,600
Manitoba	-	91,399	2,229,693	707	15,853	6,788,586	242,837	9,369,075
Saskatchewan	-	51,837	420,280	-	30,289	260,156	390,270	1,152,812
Alberta	-	-	2,310	-	-	-	-	2,310
British Columbia	3,422	256,791	2,041,393	-	884,980	154,803	314,692	3,656,081
Northwest Territories	-	366,339	202,753	-	51,750	464,586	309,960	1,395,388
Yukon	28,198	34,262	830,018	-	247,283	518,065	77,762	1,735,608
Canada	31,620	4,264,955	18,315,885	111,102	3,571,201	13,310,337	8,795,159	48,400,259
1957								
Newfoundland	2,717	120,575	100,497	-	444,576	3,183	1,606,984	2,280,532
Nova Scotia	-	20,024	17,671	-	15,020	-	102,999	155,714
New Brunswick	22,486	359,139	2,021,332	-	121,289	35,697	130,440	2,690,383
Quebec	20,485	887,087	3,061,593	-	522,831	2,029,306	10,505,068	17,026,370
Ontario	-	1,480,662	3,356,861	8,565	213,072	2,686,144	4,971,325	12,716,629
Manitoba	-	175,818	3,978,139	-	62,475	6,182,399	155,095	10,533,926
Saskatchewan	-	89,523	1,251,540	-	114,857	332,742	309,663	2,098,325
Alberta	-	-	-	-	175	-	350	525
British Columbia	1,430	98,858	1,913,743	-	1,040,941	9,410	255,788	3,320,170
Northwest Territories	-	106,912	1,300,856	500	110,954	920,113	378,672	2,818,007
Yukon	28,350	31,654	543,359	-	135,727	41,666	3,082	783,838
Canada	75,468	3,370,252	17,545,581	9,065	2,781,917	12,220,660	18,421,466	54,424,419

¹ Industry in which the companies' principal operations are conducted, but prospecting may be conducted for any mineral—i.e.—a gold quartz mining company may prospect for silver-lead-zinc.

TABLE 32. Fuel and Electricity Used in the Mineral Industry in Canada by Kinds and Industries, 1956

No.	Industry	Bituminous coal		Sub-bituminous coal	Anthra- cite coal	Lignite coal	Coke	Gasoline	Kerosene
		Canadian	Imported						
tons									
									Imp. gal.
Metal mining									
1	Placer	100	—	—	—	—	—	11,573	—
2		\$ 2,000	—	—	—	—	—	5,333	—
3	Gold quartz	2,576	24,666	4,138	783	1	6	321,038	9,128
4		\$ 37,772	376,867	91,024	17,522	45	161	139,105	3,070
5	Copper-gold-silver	82,910	2,136	760	516	248	97	724,891	17,030
6		\$ 550,407	55,754	11,511	5,116	3,921	2,487	272,457	6,263
7	Silver-cobalt	—	1,403	—	474	665	—	53,412	25
8		\$ —	27,088	—	13,253	13,677	—	21,893	11
9	Silver-lead-zinc	22,423	9,370	2,279	83	4	16	418,367	2,799
10		\$ 317,391	173,673	17,654	2,687	61	400	164,919	1,127
11	Nickel-copper	16,620	6,862	—	62	—	—	150,521	4,851
12		\$ 182,965	88,464	—	1,403	—	—	54,911	1,472
13	Iron	2,553	650	—	3,874	1	15,782	824,268	18,859
14		\$ 36,791	9,771	—	45,312	14	457,663	340,391	4,974
15	Miscellaneous metals	3	23,940	150	—	—	9	701,602	25,700
16		\$ 79	432,383	3,000	—	—	289	254,115	7,228
17	Smelting and refining	414,208	590,632	42	71,366	—	320,237	765,994	176,270
18		\$ 5,591,587	6,624,314	610	902,797	—	6,802,958	261,023	34,644
19	Total	341,383	639,659	7,369	77,158	919	336,147	3,972,666	254,662
20		\$ 6,728,992	7,788,324	123,799	988,090	17,718	7,263,958	1,513,947	58,789
Mineral fuels									
21	Coal	59,526	—	52,286	—	18,779	239	939,964	10,928
22		\$ 445,532	—	197,466	—	23,077	4,478	312,334	2,935
23	Natural gas	—	—	—	—	1,800	—	1,129,640	29,648
24		\$ —	—	—	—	4,680	—	416,334	7,009
25	Petroleum	105	—	140	—	—	—	4,080,814	4,640
26		\$ 1,067	—	1,148	—	—	—	1,637,406	1,776
27	Total	59,631	—	52,426	—	20,579	239	6,159,418	45,216
28		\$ 446,619	—	198,614	—	27,757	4,478	2,368,974	11,720
Non-metal mining									
29	Asbestos	11,213	9,975	—	26,704	—	—	693,416	18,887
30		\$ 171,232	143,621	—	384,712	—	—	265,075	8,046
31	Feldspar, quartz, nepheline	—	4	—	—	—	—	90,873	1,349
32		\$ —	113	—	153	—	4	34,907	292
33	Gypsum	460	4,545	950	—	—	—	93,900	150
34		\$ 6,115	56,640	4,679	—	—	—	27,188	30
35	Iron oxides	—	—	—	—	—	—	4,032	1,400
36		\$ —	—	—	—	—	—	1,550	460
37	Mica	78	—	—	—	—	—	3,212	—
38		\$ 1,461	—	—	—	—	—	1,362	—
39	Peat	—	—	4,346	1	—	—	162,064	3,872
40		\$ —	—	46,797	27	—	—	59,330	1,379
41	Salt	16,994	27,703	—	—	—	—	9,503	—
42		\$ 187,837	264,541	—	—	—	—	3,766	—
43	Talc and soapstone	—	—	—	—	—	—	8,016	—
44		\$ —	—	—	—	—	—	3,033	—
45	Miscellaneous	1,616	1	—	—	38,959	—	386,500	71,777
46		\$ 26,125	12	—	—	173,363	—	147,178	16,186
47	Total	30,359	42,228	5,296	26,711	38,959	—	1,451,516	97,435
48		\$ 392,770	464,927	53,476	384,892	173,363	4	543,387	24,393
Structural materials									
49	Clay products	25,636	179,778	289	492	2,494	1,752	779,909	3,594
50		\$ 336,393	2,387,526	2,716	5,147	6,701	23,904	263,852	901
51	Cement	581,215	375,043	—	—	670	207	255,237	17,194
52		\$ 6,189,916	3,740,509	—	—	13,099	4,035	76,161	4,467
53	Lime	27,571	98,272	3,898	—	7,608	30,229	1,719,232	—
54		\$ 347,408	1,300,080	31,222	—	42,343	492,662	674,510	—
55	Sand and gravel	2,431	1,874	383	25	—	4	4,906,526	486
56		\$ 30,523	59,064	1,248	593	—	90	1,793,172	129
57	Stone	2,642	1,288	—	97	—	608	2,161,206	5,222
58		\$ 40,489	21,540	—	1,536	—	9,549	775,951	1,892
59	Total	639,496	654,255	4,570	614	10,772	32,800	9,822,110	26,476
60		\$ 6,924,729	7,508,719	35,186	7,276	62,143	536,240	3,583,646	7,388
61	Grand total, 1956	1,270,878	1,358,142	60,661	104,483	71,229	369,186	21,396,710	423,789
62		\$ 14,493,110	15,761,870	411,075	1,380,258	280,981	7,798,690	8,007,054	102,291

TABLE 32. Fuel and Electricity Used in the Mineral Industry in Canada by Kinds and Industries, 1956

Fuel oil	Wood	Gas			Other fuel	Electricity purchased		Total	Electricity generated		No.	
		Liquefied petroleum	Manufactured	Natural		For power and light	For other purposes		For own use	For sale		
		Imp. gal.	cord	Imp. gal.	M cu. ft.	\$	kwh.		\$	kwh.		
359,165	52	—	—	—	—	—	—	—	20,287,400	6,604,100	1	
73,570	736	—	—	—	—	—	—	81,639	... ... ...	26,000	2
2,613,997	16,330	5,987	—	—	—	81,845	879,980,271 5,313,082	6,412,582 36,045	54,973,980	1,652,958 35,726	3	
546,525	185,121	2,492	—	—	—	32,700	496,965,433 2,627,101	—	4,620,541	106,390,254	817,891 11,847	5 6
4,520,425	5,573	152,310	12,800	—	—	40,865	18,358,856 126,155	—	252,055	— —	— —	7 8
905,550	89,752	51,760	5,762	—	—	—	171,190,258 1,689,087	247,173 2,129	3,452,621	179,328,224	180,000 1,944	9 10
26,587	109	1,705	—	—	—	—	377,852,500 1,821,658	—	3,030,833	29,743,600	1,560,000 49,143	11 12
7,012	1,536	755	—	—	—	—	526,758,069 3,513,747	—	5,950,687	46,352,700	— —	13 14
4,020,643	753	274,597	—	—	—	—	124,208,062 1,303,659	66,000 331	4,191,314	75,551,886	49,1,200 12,862	15 16
942,248	18,191	123,054	—	—	—	—	2,206,367,656 7,216,473	11,775,005,975 27,756,944	64,942,503	1,121,430,109	12,219,100 37,036	17 18
4,866,325	1,313	35,452	—	—	—	—	—	—	—	—	—	
841,574	15,867	12,319	—	—	—	—	—	—	—	—	—	
8,611,767	6	14,883	—	—	—	—	—	—	—	—	—	
1,536,385	36	5,603	—	—	—	—	—	—	—	—	—	
9,831,399	199	36,436	—	—	—	—	—	—	—	—	—	
2,171,811	2,785	15,626	—	—	—	—	—	—	—	—	—	
89,737,085	1,452	68,724	98,217	1,952,752	—	—	—	—	—	—	—	
9,350,514	38,820	10,709	98,846	232,109	20,155	—	—	—	—	—	—	
124,587,393	23,787	590,094	111,017	1,952,752	—	4,801,681,105	11,781,731,730	—	—	—	—	
16,375,184	352,844	222,318	104,908	232,109	173,573	—	23,610,962	27,795,449	93,352,669	1,834,058,153	23,725,249 176,558	19 20
1,471,401	705	12,222	293,200	—	—	249,809,769	11,267,420	—	9,267,901	404,649	21	
335,820	7,734	2,280	14,777	—	—	3,809,148	185,807	5,141,388	... ...	9,013	22
29,580	—	16,950	—	467,339	—	3,233,153	—	—	657,000	—	23	
5,397	—	2,710	—	75,316	—	63,614	—	575,062	... ...	— —	24
2,735,435	5	145,728	—	5,363,511	—	60,648,678	—	—	4,766,770	—	25	
778,599	25	32,391	—	397,591	—	1,581,747	—	4,231,770	... ...	— —	26
6,234,416	710	174,900	293,200	5,830,830	—	313,691,600	11,267,420	—	14,691,671	404,649	27	
919,816	7,759	37,381	14,777	472,909	—	5,254,509	185,807	9,948,220	... ...	9,013	28
8,811,783	2,981	26,350	—	—	—	425,144,433	—	—	6,197,133	—	29	
1,362,377	39,389	12,453	—	—	—	3,156,404	—	5,541,309	... ...	— —	30
753,306	64	70	—	—	—	17,586,202	—	—	27,931	—	31	
126,408	676	32	—	—	—	189,481	—	352,067	... ...	— —	32
958,520	—	—	—	71	—	16,023,212	162,000	—	28,673	—	33	
138,450	—	—	—	106	—	215,492	5,730	454,428	... ...	— —	34
1,660	—	—	—	—	—	2,13,600	—	—	—	—	35	
399	—	—	—	—	—	3,646	—	6,055	— —	— —	36	
1	1	—	—	—	—	95,700	—	—	—	—	37	
2	12	—	—	—	—	1,859	—	4,798	— —	— —	38	
45,597	134	—	—	—	—	1,920,064	128,647	—	—	—	39	
5,901	2,716	—	48	—	—	54,143	3,010	175,351	— —	— —	40	
3,432,147	—	—	—	591,856	—	16,050,180	—	—	11,721,430	41,600	41	
341,010	—	—	—	43,215	—	147,932	—	968,301	... ...	334	42
14,974	—	—	—	—	—	1,261,206	—	—	—	—	43	
3,757	—	—	—	—	—	23,700	—	30,490	— —	— —	44	
8,343,758	18	2,660	314,791	25,849	—	51,493,478	11,226,480	—	7,530,808	60,600	45	
1,031,972	129	1,277	69,257	1,229	—	523,729	88,116	2,078,573	... ...	1,818	46
21,861,748	3,196	31,080	314,791	817,775	—	529,788,075	11,518,127	—	25,505,975	182,380	47	
3,916,277	42,922	13,762	68,305	44,350	—	4,316,486	96,856	9,631,370	... ...	2,152	48
17,204,629	23,278	163,207	—	2,300,551	—	58,050,680	—	—	4,523	—	49	
1,811,902	217,878	55,897	—	363,608	2,563	733,531	—	6,212,519	... ...	— —	50
17,372,640	—	7,580	—	4,427,157	—	585,424,682	—	—	1,465,420	—	51	
1,595,580	—	2,941	—	678,995	—	3,477,902	—	15,763,605	... ...	— —	52
1,718,269	14,169	2,450	817,400	175,379	—	29,453,279	—	—	1,666,000	—	53	
239,032	113,494	465	122,706	42,139	—	264,323	—	3,670,384	— —	— —	54	
4,208,890	126	14,194	—	29,249	—	22,955,430	—	—	64,967	—	55	
760,319	1,204	7,069	—	3,024	601	438,357	—	3,085,393	... ...	— —	56
2,805,053	448	816	7,580	7,962	—	69,303,893	—	—	1,666,065	—	57	
596,815	3,621	698	246	2,763	—	1,008,026	—	2,463,126	... ...	— —	58
43,309,481	38,821	188,247	824,980	6,940,298	—	745,187,964	—	—	4,866,975	—	59	
5,003,648	336,197	67,070	122,952	1,090,529	3,164	5,922,139	—	31,205,027	... ...	— —	60
193,995,038	67,716	984,321	1,543,988	15,341,675	—	6,390,348,744	11,804,517,277	—	1,679,122,774	24,232,088	61	
25,308,930	738,722	340,531	311,642	1,840,097	178,737	38,104,096	28,878,112	144,137,286	—	187,723	62	

TABLE 33. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and Industries, 1957

No.	Industry	Bituminous coal		Sub-bituminous coal	Anthracite coal	Lignite coal	Coke	Gasoline	Kerosene							
		Canadian	Imported													
tons																
Imp. gal.																
Metal Mining																
1	Placer gold	—	—	—	—	—	—	10,090	5							
2		\$ —	—	—	—	—	—	4,574	2							
3	Gold quartz	4,215	22,808	3,907	1,121	18	32	334,971	7,839							
4		\$ 50,301	360,214	88,860	20,540	275	1,028	146,191	2,811							
5	Copper-gold-silver	18,111	1,204	649	549	—	356	740,970	54,914							
6		\$ 170,582	25,025	10,680	5,375	—	7,533	283,693	13,638							
7	Silver-cobalt	—	1,372	—	616	—	—	54,640	25							
8		\$ —	26,433	—	15,209	—	—	22,732	11							
9	Silver-lead-zinc	21,214	6,543	140	2	494	3	298,778	2,435							
10		\$ 305,241	149,214	2,380	105	8,510	270	126,404	967							
11	Nickel-copper	17,195	3,615	—	389	—	—	350,357	9,524							
12		\$ 212,460	73,050	—	8,287	—	—	194,883	4,915							
13	Iron	2,461	538	—	2,554	—	2,739	606,696	11,055							
14		\$ 40,730	9,381	—	29,662	—	23,260	287,173	4,045							
15	Miscellaneous metals	14	71,801	—	5	—	15	992,058	12,413							
16		\$ 295	1,168,714	—	100	—	500	374,675	3,607							
17	Smelting and refining	410,075	539,158	37	80,979	—	277,377	730,354	15,560							
18		\$ 5,591,880	6,205,139	577	1,145,687	—	6,087,584	281,956	4,592							
19	Total	473,285	849,039	4,733	86,215	512	280,522	4,118,914	113,570							
20		\$ 6,371,489	8,017,170	102,497	1,224,965	8,785	6,120,175	1,702,281	34,588							
Mineral fuels																
21	Coal	89,324	—	6,681	—	18,479	236	842,629	36,393							
22		\$ 604,817	—	36,843	—	23,316	4,797	293,871	8,498							
23	Natural gas	—	—	400	—	—	—	536,380	25,347							
24		\$ —	—	1,000	—	—	—	172,823	6,370							
25	Petroleum	661	—	159	—	2,021	—	4,576,007	190							
26		\$ 5,203	—	1,373	—	12,240	—	1,830,531	54							
27	Total	89,985	—	7,240	—	20,500	236	5,955,016	61,930							
28		\$ 610,020	—	39,216	—	35,556	4,797	2,297,225	14,920							
Non-metal mining																
29	Asbestos	10,658	7,789	—	22,400	—	—	514,938	17,859							
30		\$ 151,133	118,262	—	343,371	—	—	204,916	4,329							
31	Feldspar, quartz, nepheline	—	—	—	4	—	—	94,105	608							
32		\$ —	—	—	123	—	—	35,491	135							
33	Gypsum	320	5,154	—	—	—	—	28,482	18,915							
34		\$ 4,270	67,420	—	—	—	—	9,397	7,565							
35	Iron oxides	—	888	—	—	—	—	4,675	—							
36		\$ —	15,637	—	—	—	—	1,742	—							
37	Mica	35	—	—	—	—	—	6,443	—							
38		\$ 638	—	—	—	—	—	2,876	—							
39	Peat	—	—	3,790	—	—	—	177,659	290							
40		\$ —	—	42,558	—	—	—	65,025	64							
41	Salt	16,213	27,160	—	—	—	—	13,316	336							
42		\$ 198,296	269,767	—	—	—	—	3,446	88							
43	Talc, soapstone	—	—	—	—	—	—	9,547	—							
44		\$ —	—	—	—	—	—	3,831	—							
45	Miscellaneous	3,385	—	—	4	22,814	—	298,407	33,643							
46		\$ 76,879	—	—	114	119,656	—	108,877	10,493							
47	Total	30,611	40,969	3,790	22,408	22,614	—	1,147,572	71,451							
48		\$ 431,216	471,686	42,556	343,608	119,656	—	435,601	22,674							
Structural materials																
49	Clay products	18,171	121,517	437	541	2,741	1,632	724,222	1,531							
50		\$ 249,700	1,702,368	4,112	10,898	7,896	21,997	249,698	487							
51	Cement	805,774	544,158	—	—	499	57	306,901	25,589							
52		\$ 6,816,850	5,716,043	—	—	7,521	2,292	95,136	6,810							
53	Lime	25,386	118,540	4,184	—	7,458	27,043	1,819,504	—							
54		\$ 347,040	1,603,189	34,263	—	43,407	537,680	737,914	—							
55	Sand and gravel	652	3,058	572	33	—	4	5,338,431	2,688							
56		\$ 9,961	35,185	901	829	—	66	1,945,163	631							
57	Stone	2,164	774	—	41	—	567	2,329,655	1,225							
58		\$ 36,527	9,442	—	894	—	8,987	869,418	370							
59	Total	652,147	788,047	5,193	615	10,698	29,303	10,518,713	31,033							
60		\$ 7,459,878	9,066,225	39,276	12,621	58,624	571,922	3,897,327	8,298							
61	Grand total, 1957	1,246,028	1,478,055	20,956	109,238	54,324	310,061	21,740,215	277,984							
		\$ 14,872,603	17,354,481	223,545	1,581,194	222,621	6,695,994	8,332,434	80,480							

TABLE 33. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and Industries, 1957

Fuel oil	Wood	Gas			Other fuel	Electricity purchased		Total	Electricity generated		No.
		Liquefied petroleum	Manufactured	Natural		For power and light	For other purposes		For own use	For sale	
		Imp. gal.	cords	Imp. gal.	M cu. ft.	\$	kwh.	\$	kwh.		
250,691 50,432	30 464	— —	— —	— —	— —	— —	— —	55,472	21,252,600 —	6,523,800 48,929	1 2
2,882,233 575,149	17,189 206,108	1,961 873	2,300 1,418	— —	— 77,314	860,060,935 5,208,815	4,780,909 31,989	6,771,886	51,136,173 —	3,145,954 62,258	3 4
6,425,542 1,336,028	741 10,302	163,779 47,177	5,392 4,042	— —	— 24,005	484,996,702 3,004,520	— —	4,942,600	79,851,848 —	868,000 12,588	5 6
67,547 16,094	95 1,354	1,345 675	— —	— —	— 37,952	18,976,630 136,234	— —	256,694	— —	— —	7 8
3,205,397 716,312	559 12,985	21,259 14,172	— —	1,000 375	— —	176,311,559 1,655,899	— —	2,992,834	195,589,987 —	16,176 100	9 10
5,849,116 1,026,618	160 1,450	50,451 31,345	— —	— —	— —	467,652,205 2,257,584	— —	3,810,592	33,096,600 —	1,801,000 45,924	11 12
11,405,403 1,797,968	— 27,767	43,773 —	— —	— 27,860	— —	557,934,682 3,970,524	— —	6,218,370	57,428,500 —	— —	13 14
13,292,876 2,842,527	2,753 7,879	102,920 60,498	660 141	— —	— —	252,187,866 2,041,199	— —	6,539,935	107,409,369 —	1,482,340 25,273	15 16
67,971,634 7,588,700	2,807 51,367	57,873 21,497	163,318 100,728	1,660,195 219,348	— 21,604	2,440,821,497 8,020,173	11,227,421,451 24,153,959	59,474,791	1,036,648,202 —	— —	17 18
111,150,439 15,949,828	24,134 331,709	443,361 204,004	171,670 106,329	1,661,195 219,723	— 188,735	5,258,942,076 26,294,948	11,232,202,360 24,185,948	91,063,174	1,582,413,279 —	13,637,270 195,052	19 20
1,550,673 334,109	103 1,059	35,494 5,377	1,500 550	— —	— —	242,923,437 3,458,153	6,748,342 91,386	4,862,774	7,795,670 —	275,595 5,511	21 22
40,739 7,827	— —	13,530 2,430	— —	557,582 100,363	— —	2,570,458 55,210	— —	346,023	— —	— —	23 24
3,794,239 770,263	1,433 12,875	139,887 34,847	— —	8,377,150 763,049	— —	75,624,990 2,193,993	— —	5,624,428	5,059,791 —	— —	25 26
3,385,651 1,112,199	1,536 13,934	188,911 42,654	1,500 550	8,934,732 863,412	— —	321,118,888 5,707,356	6,748,342 91,386	10,833,225	12,855,461 —	275,595 5,511	27 28
11,145,624 1,916,164	4,136 58,084	20,430 13,600	— —	— 530	— —	422,839,094 3,197,971	— —	6,008,420	7,759,980 —	— —	29 30
903,866 153,909	22 117	2,700 1,690	— —	— —	— —	16,655,181 181,839	— —	373,304	1,591,500 —	— —	31 32
789,453 147,544	— —	— —	— —	— —	— —	15,934,602 232,170	— —	468,368	24,000 —	— —	33 34
4,890 1,590	— —	— —	— —	— —	— —	215,120 3,433	— —	22,402	— —	— —	35 36
2 1	— —	— —	— —	— —	— —	91,490 2,070	— —	5,585	— —	— —	37 38
60,988 9,420	10 110	— —	90 38	— —	— —	2,512,543 65,776	— —	182,987	— —	— —	39 40
3,808,288 399,018	— —	— —	— —	631,471 97,735	— —	18,389,537 173,315	— —	1,141,665	10,871,760 —	49,400 648	41 42
17,431 3,461	100 400	— —	— —	— —	— —	1,380,150 27,735	— —	35,427	— —	— —	43 44
6,455,384 814,688	22 180	2,875 943	251,502 59,182	503,224 125,487	— —	56,914,671 593,394	— —	1,909,893	5,781,674 —	56,982 1,709	45 46
23,189,726 3,445,795	4,290 58,891	26,005 16,293	251,592 59,218	1,134,695 223,222	— 530	534,932,388 4,477,703	— —	10,148,049	26,028,914 —	106,382 2,357	47 48
19,679,581 2,185,100	20,805 198,651	62,252 33,243	— —	2,424,055 576,367	— 1,523	62,213,022 779,135	— —	6,020,971	2,820 —	— —	49 50
20,832,665 1,943,452	— —	531 270	— —	4,396,154 689,242	— —	699,492,416 4,415,242	— —	19,692,658	1,549,930 —	— —	51 52
1,693,757 194,200	13,857 110,021	1,995 399	989,330 138,876	186,030 36,314	78,480	30,195,969 292,943	— —	4,154,768	2,232,000 —	— —	53 54
4,991,390 1,030,256	18 152	18,372 9,439	— —	3,100 310	— 667	23,833,310 464,843	— —	3,498,423	63,900 —	— —	55 56
3,440,717 778,902	534 3,980	3,900 2,124	8,700 308	35,211 6,021	— —	84,430,646 1,234,484	— —	2,949,437	1,467,600 —	— —	57 58
50,638,110 6,129,970	35,194 312,784	87,060 45,475	998,030 139,184	7,024,550 1,308,254	80,670	900,165,363 7,188,647	— —	36,316,255	5,316,250 —	— —	59 60
190,363,926 26,637,792	85,064 717,318	745,327 308,426	1,422,792 305,281	18,755,172 2,614,611	269,935	7,015,158,712 43,866,654	11,238,950,702 24,277,334	148,360,703	1,826,613,904 —	14,219,247 202,920	61 62

TABLE 34. Fuel and Electricity used in the Mineral Industry, in Canada, by Kinds and by Provinces, 1956

No.	Provinces	Bituminous coal		Sub-bituminous coal	Anthracite coal	Lignite coal	Coke	Gasoline	Kerosene	Fuel oil
		Canadian	Imported							
tons										
1	Newfoundland	3,434	3,112	—	—	5	52	486,793	10,284	4,543,107
2	\$	47,811	73,298	—	—	159	1,633	209,631	2,484	847,135
3	Nova Scotia	66,921	—	—	—	—	239	510,504	52,796	1,796,793
4	\$	720,196	—	—	—	—	4,478	168,723	10,043	237,602
5	New Brunswick	31,718	1,600	—	—	—	—	540,751	28,893	2,747,248
6	\$	382,052	32,000	—	—	—	—	181,435	6,556	450,287
7	Quebec	622,552	87,099	2,001	99,011	—	1,638	3,761,773	216,274	91,190,048
8	\$	7,205,846	1,333,106	12,760	1,304,252	—	27,892	1,443,910	47,510	9,635,668
9	Ontario	19,362	1,250,650	31	5,470	918	285,747	8,297,499	50,056	48,330,888
10	\$	233,366	14,109,190	413	75,911	17,673	5,732,062	3,058,055	16,044	6,943,734
11	Manitoba	89,571	15,029	5,853	—	8,815	871	536,654	3,565	14,161,439
12	\$	1,168,617	202,940	105,801	—	58,419	16,578	210,459	1,124	1,193,895
13	Saskatchewan	114,999	—	374	—	59,690	35	1,768,111	14,600	10,186,998
14	\$	1,502,651	—	4,544	—	200,005	761	676,730	4,183	1,849,258
15	Alberta	7,508	—	56,621	—	1,800	—	3,919,768	35,800	3,313,756
16	\$	33,357	—	230,662	—	4,680	—	1,480,625	9,007	684,070
17	British Columbia	305,957	652	4,774	2	1	80,604	1,480,923	9,257	14,199,089
18	\$	3,004,574	11,436	56,691	95	45	2,015,276	522,403	3,218	2,667,373
19	Northwest Territories	—	—	7	—	—	—	49,778	1,589	2,972,092
20	\$	—	—	204	—	—	—	32,969	1,771	619,651
21	Yukon	8,856	—	—	—	—	—	44,156	675	553,580
22	\$	194,640	—	—	—	—	—	22,114	351	179,257
23	Canada, 1956	1,270,878	1,358,142	69,661	104,483	71,229	369,186	21,396,710	423,789	193,995,038
24	\$	11,493,110	15,761,970	411,075	1,380,258	280,981	7,798,680	8,007,054	102,291	25,308,930

TABLE 35. Fuel and Electricity used in the Mineral Industry, in Canada, by Kinds and by Provinces, 1957

No.	Provinces	Bituminous coal		Sub-bituminous coal	Anthracite coal	Lignite coal	Coke	Gasoline	Kerosene	Fuel oil
		Canadian	Imported							
tons										
1	Newfoundland	2,918	3,147	—	4	—	57	249,468	2,988	5,873,456
2	\$	47,744	73,770	—	114	—	2,292	108,657	1,076	789,815
3	Nova Scotia	54,882	—	—	1	—	236	367,810	25,501	2,351,164
4	\$	624,320	—	—	28	—	4,797	138,257	9,526	343,449
5	New Brunswick	34,309	1,348	—	—	—	—	451,405	1,433	3,538,192
6	\$	428,204	26,960	—	—	—	—	162,311	394	394,004
7	Quebec	660,373	63,705	—	104,002	—	1,479	3,636,590	43,356	74,079,879
8	\$	7,944,459	972,707	—	1,493,037	—	2,690	1,484,563	15,185	9,135,813
9	Ontario	21,909	1,400,343	—	5,202	18	255,918	8,630,687	103,454	57,286,263
10	\$	267,227	16,326,357	—	86,837	275	5,354,846	3,224,747	27,122	8,228,723
11	Manitoba	71,994	9,512	4,591	—	8,557	384	470,852	4,063	12,299,246
12	\$	948,331	154,687	98,535	—	53,928	7,791	187,656	1,201	1,213,123
13	Saskatchewan	110,266	—	515	—	45,255	47	2,188,010	29,710	16,465,381
14	\$	1,539,262	—	5,911	—	159,908	1,047	843,400	9,161	2,691,158
15	Alberta	40,761	—	11,913	10	—	—	4,061,543	56,120	3,339,073
16	\$	189,894	—	73,950	220	—	—	1,551,153	13,066	669,627
17	British Columbia	241,219	—	3,930	19	494	51,940	1,578,859	10,615	12,461,772
18	\$	2,724,828	—	44,936	958	8,510	1,298,317	568,985	3,223	2,354,510
19	Northwest Territories	—	—	7	—	—	—	57,375	238	3,212,322
20	\$	—	—	213	—	—	—	36,308	268	684,315
21	Yukon	7,197	—	—	—	—	—	47,616	506	457,178
22	\$	158,334	—	—	—	—	—	26,397	258	133,253
23	Canada, 1957	1,246,028	1,478,055	20,956	109,238	54,324	310,061	21,740,215	277,984	190,363,926
24	\$	14,872,603	17,554,481	223,545	1,581,194	222,621	6,695,994	8,332,434	80,480	26,637,792

TABLE 34. Fuel and Electricity used in the Mineral Industry, In Canada, by Kinds and by Provinces, 1956

Wood	Gas			Other fuel	Electricity purchased		Total	Electricity generated		No.
	Liquefied petroleum	Manufactured	Natural		For power and light	For other purposes		For own use	For sale	
cords	Imp. gal.	M cu. ft.	\$		kwh.	\$		kwh.		
-	1,576	-	-	-	84,877,684 904,323	-	2,087,184	28,272,368 ...	80,600 1,818	1
-	710	-	-	-	-	-	-	-	-	2
720	1,236	131,181	-	-	185,544,275 2,702,585	373,120 9,253	3,896,193	6,923,288 ...	1,440 20	3
7,934	218	35,161	-	-	-	-	-	-	-	4
9,015	9,503	-	5,779	-	39,786,594 680,932	3,766,150 92,884	1,917,575	470,800 ...	- -	5
84,003	4,466	-	2,960	-	-	-	-	-	-	6
11,208	314,795	935,997	-	-	2,170,632,379 11,204,851	9,247,993,353 22,841,469	55,640,510	75,585,100 ...	13,278,818 56,921	7
125,370	145,484	227,560	-	83,832	-	-	-	-	-	8
35,745	267,785	183,610	786,863	90,559	2,754,271,836 15,320,407	149,753,300 720,814	47,167,413	25,848,725 ...	- -	9
389,421	92,842	34,144	332,778	-	-	-	-	-	-	10
1,170	168,665	-	-	-	253,042,613 1,130,111	2,642,400 13,212	4,141,848	24,679,740 ...	1,560,000 49,143	11
10,875	29,817	-	-	-	-	-	-	-	-	12
171	30,023	-	699,948	-	436,447,881 1,943,855	-	6,286,590	55,619,973 ...	- -	13
1,714	9,115	-	93,774	-	-	-	-	-	-	14
-	134,731	400	13,848,626	-	201,998,921 2,530,795	7,280 144	6,417,660	37,083,083 ...	444,809 9,327	15
-	33,131	137	1,410,451	601	-	-	-	-	-	16
7,937	48,032	292,800	459	3,745	204,745,271 1,605,863	2,399,177,193 4,396,350	14,409,055	1,370,559,833 ...	1,447,331 25,432	17
86,125	21,087	14,640	134	-	-	-	-	-	-	18
1,067	-	-	-	-	44,910,758 710,498	804,481 3,986	1,386,024	36,368,464 ...	835,000 17,062	19
16,945	-	-	-	-	-	-	-	-	-	20
683	7,975	-	-	-	14,090,532 369,878	-	787,234	19,711,400 ...	8,604,100 28,000	21
17,335	3,661	-	-	-	-	-	-	-	-	22
67,716	984,321	1,543,988	15,341,675	178,737	6,390,348,744 39,104,096	11,804,517,277 28,078,112	144,137,286	1,679,122,774 ...	24,232,098 187,723	23
739,722	340,531	311,642	1,840,097	-	-	-	-	-	-	24

TABLE 35. Fuel and Electricity used in the Mineral Industry, In Canada, by Kinds and by Provinces, 1957

Wood	Gas			Other fuel	Electricity purchased		Total	Electricity generated		No.
	Liquefied petroleum	Manufactured	Natural		For power and light	For other purposes		For own use	For sale	
cords	Imp. gal.	M cu. ft.	\$		kwh.	\$		kwh.		
-	-	-	-	-	84,270,891 861,754	-	1,885,222	33,938,064 -	56,982 1,709	1
-	-	-	-	-	-	-	-	-	-	2
101	-	96,402	-	-	173,136,623 2,520,921	285,532 4,574	3,677,795	6,399,560 -	- -	3
1,039	-	30,884	-	-	-	-	-	-	-	4
7,238	4,910	-	3,683	-	61,115,455 1,015,245	-	2,108,384	96,000 -	- -	5
74,065	4,940	-	2,261	-	-	-	-	-	-	6
10,388	171,234	1,169,040	-	74,389	2,254,651,372 12,301,429	7,895,096,540 19,089,320	52,969,621	80,991,205 -	814,548 14,276	7
112,658	73,805	245,372	-	-	-	-	-	-	-	8
29,005	259,280	155,350	970,931	87,036	3,228,954,380 18,282,213	157,394,620 770,013	53,616,842	13,158,318 -	- -	9
285,154	129,034	28,425	518,833	-	-	-	-	-	-	10
1,940	30,171	-	-	-	205,695,671 984,921	745,000 10,961	3,690,537	56,347,230 -	1,801,000 45,924	11
20,800	8,603	-	-	-	-	-	-	-	-	12
244	28,320	500	2,206,297	-	412,264,304 1,662,945	97,430 1,517	7,254,715	96,843,800 -	1,301,300 18,999	13
3,569	13,185	50	323,602	-	-	-	-	-	-	14
1,428	192,147	1,500	15,542,518	-	216,082,502 3,016,303	448,500 5,081	7,349,488	35,073,981 -	324,995 6,159	15
12,850	48,164	550	1,767,963	667	-	-	-	-	-	16
10,418	57,605	-	31,743	107,863	315,543,152 1,866,020	3,182,507,560 4,385,179	13,522,196	1,241,768,135 -	1,283,613 32,640	17
128,034	26,881	-	1,952	-	-	-	-	-	-	18
3,761	1,660	-	-	-	48,201,247 736,891	2,375,520 10,689	1,536,319	40,227,629 -	2,113,009 34,284	19
1,814	1,814	-	-	-	-	-	-	-	-	20
541	-	-	-	-	15,263,115 418,012	-	749,584	21,769,982 -	6,523,800 48,929	21
13,328	-	-	-	-	-	-	-	-	-	22
65,864	745,327	1,422,782	18,755,172	268,935	7,015,158,712 43,668,654	11,235,950,702 24,277,334	148,360,703	1,626,613,904 -	14,219,247 202,920	23
717,318	308,426	305,281	2,614,611	-	-	-	-	-	-	24

ERRATA

Some revisions have been made in the 1957 statistics on the mineral industries since the publication of the separate industry reports in this series. These are as follows:

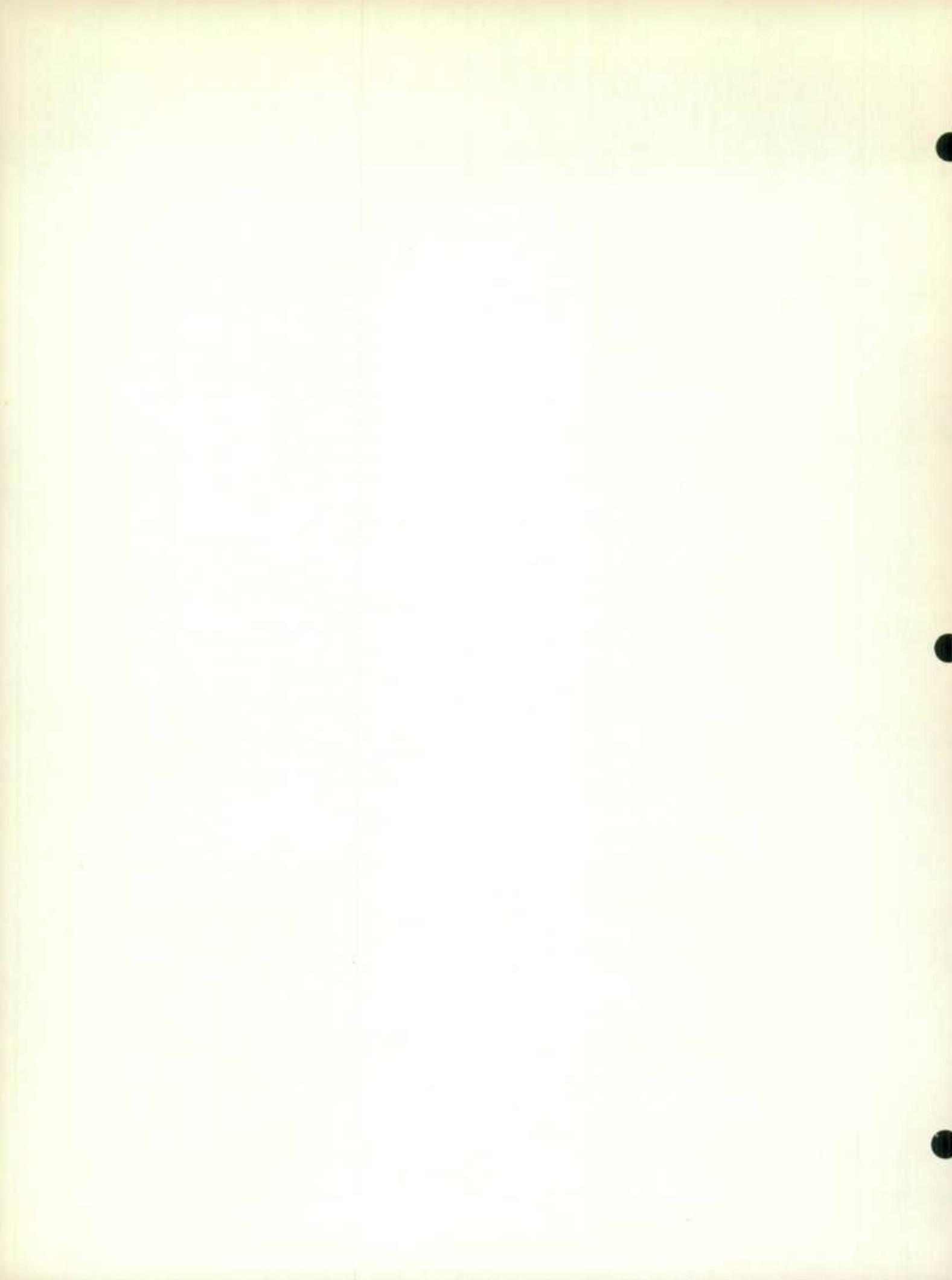
Gypsum Industry:

Page L-7, table 10. Electricity purchased for power and lighting — kwh. "15,594,744, \$225,131" should read "15,979,602, \$232,170". Electricity purchased for other purposes — kwh. "384,858, \$7,039" should read "nil, — \$nil".

Iron Mining Industry:

Page E-8, table 10. column 5. number of employees, workmen, female, for the year 1956 — should read "18" instead of "98".







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