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GENERAL REVIEW OF THE MINING INDUSTRY

1958

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division



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SYMBOLS

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

GENERAL REVIEW OF THE MINING INDUSTRY

1958

Canada's mineral production in 1958 was valued at \$2,100,739,038 a decline of 4.1 per cent from the valuation of \$2,190,322,392 in 1957. Three of the major groups of mineral commodities, metals, non-metallics, and fuels show declines, while the fourth group, structural materials increased in total valuation.

The index of physical volume increased to 228.5 in 1958 from 227.8 of the preceding year. The index base year was 1949 = 100. Mining activities, such as drilling, blasting, hauling, hoisting, processing, etc. was indicated by the tonnage of ore mined or rock quarried. During 1958 this tonnage amounted to 157,069,182 tons as compared with 166,455,160 in 1957. Sand, gravel, sodium sulphate and similar materials which were not actually mined or blasted were not included in the total.

The valuation of metals in 1958 decreased to \$1,130,160,395 from \$1,159,579,226 in 1957. The value of copper was down \$32 million and nickel value was down nearly \$65 million, these decreases were due to a lower price of copper and lower volume output of both metals when a labor strike closed the mines and plants of the International Nickel Company Limited during the last quarter of the year. Iron ore shipments were down about \$41 million as the steel industry had a large carry over of ore in stockpile. The volume of lead and zinc was up but the lower prices for these metals decreased the value by \$8 million each. The platinum group metals were lower in volume and price. The brighter side of the picture shows the uranium production of nearly \$280 million which was more than double the shipments of 1957. More ounces of gold and silver were produced in 1958 than in 1957. The combined value of these metals was over \$182 million.

The shipments of non-metallic minerals were valued at \$150,354,802 in 1958, this was a decrease of 11.1 per cent from the valuation of \$169,061,110 in 1957. The quantity and value of asbestos declined by 120,755 tons and \$12.2 million due to a depressed export market. The tonnage of salt increased to 2,375,192. A large portion of the increase was salt in brine shipped to chemical plants. As this is a low priced commodity the total valuation was not raised substantially. Barite, fluorspar, feldspar and nepheline syenite were produced at about the same level as in the preceding year. Declines were shown in lithia, titanium products, and magnesitic dolomite. Elemental sulphur recovered from sour natural gas and from sulphide minerals were included in the mineral commodity compilations of 1958. Heretofore the elemental sulphur had been classified in the manufacturing industry.

Minerals fuels declined in total value to \$510,768,681 in 1958 from \$564,776,791 in 1957. The coal mining industry which has been declining for the past decade continued downward. The geographical limits of the crude petroleum markets caused a decrease of \$55 million in the value of this commodity. The volume of natural gas increased from 220 billion cubic feet in 1957 to 337.8 billion cubic feet in 1958 as the transmission and distribution pipelines were extended in central Canada and on the west coast.

The demand for building materials raised the value of the shipments of brick, tile, etc. from approximately \$36 million in 1957 to \$41.7 million in 1958. The tonnage and value of each of cement, lime, sand and gravel, were higher during the year under review than in 1957. Stone shipments were less than in the preceding year.

In each of the Atlantic provinces the value of mineral production declined in 1958. Newfoundland iron ore shipments decreased from 8.2 million short tons to 5.4 million short tons. Copper in concentrates shipped increased to 14,750 tons from 4,535 tons in 1957. The Nova Scotian coal mines were faced with reduced markets therefore the stockpile of coal remained high. Shipments of barite and gypsum decreased in 1958. Salt tonnage showed an upward trend, which may continue when a new mine at Pugwash is brought into production. New Brunswick's base metal mine ceased operating, therefore the amount of copper, lead, zinc and silver produced during the year was considerably less than in 1957. Although exploration work continued in the petroleum and natural gas areas there were no major contributions to the production of these commodities.

Quebec produced minerals ranging from asbestos to zinc. Copper shipments were up to 131,445 tons an all time high. Iron ore dropped to 6,060,325 tons from 8,872,948 tons in 1957. Bismuth was a by-product of molybdenite mining and of the copper smelting in Gaspé. The smelter of Quebec Iron and Titanium Corporation closed temporarily as the titanium products supply exceeded the demand. Asbestos shipments were down by 110,000 tons and 11 million dollars. Lithia in concentrates amounted to 3.8 million pounds compared with 5.1 million pounds in 1957. Clay products increased nearly \$2 million in value, but the cement was down about \$1.5 million.

Ontario's mineral production received a big boost from the uranium mining industry. The shipments of uranium oxide, U_3O_8 , were valued at \$210,149,700 in 1958 compared with \$82,940,763 in

1957. The labour strike at Sudbury effected the output of copper, nickel, cobalt and platinum group metals. Copper was down to 142,035 tons from 171,703 tons in 1957. Nickel shipments were 127,143 tons compared to 177,396 tons. The gold output of 2,716,514 troy ounces was the highest since 1942. The quantity of silver was 9,815,257 troy ounces compared with 6,910,130 ounces in 1957. Less magnesium and calcium were marketed in 1958 than in the preceding year. New mines raised the zinc shipments from 11,296 tons to 46,239 tons. All the structural materials, except stone, had a higher valuation.

Less copper-gold-silver-zinc ore was mined in Manitoba during 1958 thus the amounts of the recoverable metals are less than in 1957. Nickel production remained about the same as in earlier years. The non-metallics group included gypsum, peat, quartz and salt. Crude petroleum output showed signs of having reached a plateau. Sand and gravel used amounted to nearly 10 million tons.

Oil and uranium were the larger contributors to the mineral production of Saskatchewan. Crude petroleum was valued at \$96.7 million and uranium (U_3O_8) was valued at \$59.8 million. The province's total mineral value was nearly \$210 million which was triple that of 1954 and six times as great as the value of minerals produced in 1948. Higher quantities of cadmium, copper, gold, silver and zinc were recorded in 1958 than in either of the two preceding years. Sodium sulphate was recovered from the lakes in the southern part of the province.

Alberta's crude petroleum was valued at \$283 million, a decrease of \$72 million from the previous year. The volume of natural gas increased to 239 million M cu. ft. from 183 million M cu. ft. These figures did not include the gas which was flared or wasted in the field. Coal output continued to decline.

The mineral production of British Columbia decreased to \$151.1 million in 1958 from \$178.9 million in 1957. Some of the old copper mines had ceased operations. The lower price of lead and zinc yielded a valuation of \$33.4 million and \$47.3 respectively. Tungstic oxide was down to \$1.9 million compared with \$5.3 million in 1957. Shipments of asbestos amounted to over 30 thousand tons, down 1,700 tons from the previous year. The natural gas volume increased to 63.6 million M cu. ft. from 8.3 million M cu. ft. in 1957.

Mineral deposits which were operated in the Northwest Territories, were the nickel-copper mine at Rankin Inlet on the east coast, the gold mines in the Yellowknife area, the uranium mines at Rayrock and Great Bear Lake, and the petroleum and natural gas wells at Norman Wells. The output for the territory was valued at \$24.9 million. The major portion of the Yukon mineral production is from the silver-lead-zinc mines near Keno Hill. Placer gold was recovered by dredges and by individual placer miners in the Dawson area. About 4 thousand tons of coal was reported from the Carmacks mine.

The Canadian mineral industry employed an average of 139,540 persons to whom \$610,499,645 were paid as salaries and wages. In addition there were 9,193 persons employed at head offices and at places in Canada other than at the mines or plants, these employees received \$48,549,910 in salaries and wages. The cost of fuel and electricity amounted to \$154,654,641.

The ten leading mineral commodities in order of total value were in 1958; petroleum, uranium, nickel, copper, gold, iron ore, cement, sand and gravel, zinc and asbestos.

TABLE I. Mineral Production, by Kinds, 1957 and 1958

		1957		1958	
		Quantity	Value	Quantity	Value
			\$		\$
Metallics:					
Antimony	lb.	1,360,731	370,442	858,633	284,208
Bismuth	"	319,941	584,917	412,792	771,267
Cadmium	"	2,368,130	4,025,821	1,756,050	2,669,195
Calcium	"	221,225	282,378	25,227	31,256
Cobalt	"	3,922,649	7,784,423	2,710,429	5,308,298
Copper	"	718,218,535	206,897,988	690,227,408	174,430,930
Gold	troy oz.	4,433,894	148,757,143	4,571,347	155,334,370
Indium	"	384,360	693,770	...	...
Iron ore	ton	22,272,174	167,221,425	15,726,323	126,131,181
Iron (remelt)	"	187,529	10,083,434	...	5,120,620
Lead	lb.	362,968,529	50,670,407	373,360,966	42,413,805
Magnesium	"	16,770,371	5,254,896	13,591,705	4,064,825
Molybdenum	lb.	783,739	1,166,557	888,284	1,152,838
Nickel	"	375,916,551	258,977,309	279,117,422	194,142,019
Palladium, rhodium, iridium, etc.	troy oz.	216,582	7,896,209	154,366	4,840,072
Platinum	"	199,565	17,835,124	146,092	9,481,371
Selenium	lb.	321,392	3,535,312	306,990	2,302,426
Silver	troy oz.	28,823,298	25,182,915	31,163,470	27,053,007
Tellurium	lb.	31,524	55,167	38,250	65,025
Tin	"	709,102	580,342	795,496	625,260
Titanium ore	ton	10,770	97,075	—	—
Tungsten (W_3O_8)	lb.	1,921,483	5,279,275	690,976	1,898,455
Uranium (U_3O_8)	"	13,271,414	136,304,364	26,805,232	279,538,471
Zinc	"	827,481,656	100,042,533	850,197,572	92,501,496
Total .....		...	1,159,579,226	...	1,130,160,395
Non-metallics:					
Arsenious oxide	lb.	3,697,317	137,112	2,323,320	94,542
Asbestos	ton	1,046,086	104,489,431	925,331	92,276,748
Barite	"	228,048	2,992,913	195,719	2,196,384
Diatomite	"	120	2,400	27	540
Feldspar	"	20,450	393,284	20,387	359,966
Fluorspar	"	66,245	1,756,841	...	1,542,589
Gypsum	"	4,577,492	7,745,105	3,964,129	5,189,159
Iron oxides	"	7,518	187,211	1,632	113,390
Lithia	"	5,140,257	2,827,143	3,853,322	2,047,880
Magnesitic dolomite and brucite	"	...	3,046,298	...	2,529,161
Mica	lb.	1,282,416	111,583	1,504,933	89,651
Mineral waters	gal.	348,710	185,167	316,727	172,568
Nepheline syenite	ton	200,016	2,754,060	201,306	2,613,446
Peat moss	"	137,747	4,734,504	149,013	4,778,860
Pyrite, pyrrhotite	"	1,166,416	4,808,228	1,191,731	4,248,668
Quartz	"	2,139,246	3,185,186	1,453,656	2,538,150
Salt	"	1,771,559	13,989,703	2,375,192	14,989,542
Silica brick	M	4,308	655,903	2,815	472,346
Soapstone and talc	ton	34,725	427,673	35,405	429,136
Sodium sulphate	"	157,800	2,568,728	173,217	2,862,915
Sulphur in smelter gas	"	235,123	2,322,067	241,055	2,361,252
Sulphur elemental .....	"	...	...	94,377	1,872,832
Titanium dioxide, etc.	"	186,422	9,740,570	...	6,575,077
Total .....		...	169,061,110	...	150,354,802
Fuels:					
Coal	ton	13,189,155	90,220,670	11,687,110	79,963,327
Natural gas	M cu. ft.	220,006,682	20,962,501	337,803,726	32,057,536
Peat	—	—	—	—	—
Petroleum	bbl.	181,848,004	453,593,620	165,496,196	398,747,818
Total .....		...	564,776,791	...	510,768,681
Structural materials:					
Clay products (brick, tile, etc.)	bbl.	...	35,922,158	...	41,709,903
Cement	bbl.	6,049,098	93,187,477	6,153,421	96,414,142
Lime	ton	1,378,617	16,678,614	1,596,422	19,465,823
Sand and gravel	"	159,829,512	91,939,354	160,210,945	96,282,363
Stone	"	40,282,081	59,197,662	38,156,647	55,582,929
Total .....		...	296,905,265	...	309,455,160
Grand total .....		...	2,190,322,392	...	2,100,739,038

TABLE 2. Mineral Production of Canada, by Provinces, 1958

No.			Newfoundland	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb. \$	—	—	—	—
2	Bismuth	lb. \$	—	—	—	240,177 436,420
5	Cadmium	lb. \$	—	—	—	—
7	Calcium	lb. \$	—	—	—	—
9	Cobalt	lb. \$	—	—	—	—
11	Copper	lb. \$	29,501,858 7,499,372	—	655,717 166,683	262,890,590 66,826,788
13	Gold	oz. \$	13,381 454,686	131 4,451	52 1,767	1,044,846 35,503,867
15	Indium		—	—	—	—
17	Iron ore	ton \$	5,390,775 38,226,828	—	—	6,060,325 46,859,490
19	Iron (remelt)	ton \$	—	—	—	5,120,620
21	Lead	lb. \$	47,960,729 5,448,339	—	188,179 21,377	6,299,475 715,620
23	Magnesium	lb. \$	—	—	—	4,504,343 1,317,070
25	Molybdenum	lb. \$	—	—	—	888,288 1,152,838
27	Nickel	lb. \$	—	—	—	—
29	Palladium, rhodium, etc.	oz. \$	—	—	—	—
31	Platinum	oz. \$	—	—	—	—
33	Selenium	lb. \$	—	—	—	179,397 1,345,478
35	Silver	oz. \$	1,267,078 1,099,950	4 3	51,139 44,394	3,908,361 3,392,848
37	Tellurium	lb. \$	—	—	—	29,457 50,077
39	Tin	lb. \$	—	—	—	—
41	Tungsten (WO_3)	lb. \$	—	—	—	—
43	Uranium (U_3O_8)	lb. \$	—	—	—	—
45	Zinc	lb. \$	67,739,904 7,370,102	—	6,323,431 687,989	113,845,036 12,386,340
47	Total	\$	60,099,277	4,454	922,210	175,107,456
Non-metallics						
48	Arsenious oxide	lb. \$	—	—	—	—
50	Asbestos	ton \$	—	—	—	873,603
52	Barite	ton \$	—	178,616 1,861,959	—	82,028,699
54	Diatomite	ton \$	—	—	—	—
56	Feldspar	ton \$	—	—	—	20,387 359,966
58	Fluorspar	ton \$	... 1,483,368	—	—	—

TABLE 2. Mineral Production of Canada, by Provinces, 1958

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	858,633 284,208	—	—	858,633 284,208	1 2
18,581 26,779	—	—	—	154,034 308,068	—	—	412,792 771,267	3 4
—	39,994 60,791	302,593 459,941	—	1,252,724 1,904,140	—	180,739 244,323	1,756,050 2,669,195	5 6
25,227 31,256	—	—	—	—	—	—	25,227 31,256	7 8
2,436,064 4,866,767	274,365 441,531	—	—	—	—	—	2,710,429 5,308,298	9 10
284,069,476 71,267,895	25,201,421 6,383,403	75,020,217 19,070,139	—	12,019,726 2,995,902	868,403 220,748	—	690,227,408 174,430,930	11 12
2,716,514 92,307,146	87,356 2,968,357	86,590 2,942,328	282 9,582	210,812 7,156,596	343,838 11,683,615	67,745 2,301,975	4,571,347 155,334,370	13 14
—	—	—	—	—	—	—	—	... 15
—	—	—	—	—	—	—	—	... 16
3,644,952 36,851,421	—	—	—	630,271 4,193,442	—	—	15,726,323 126,131,161	17 18
—	—	—	—	—	—	—	—	... 19
2,513,224 285,502	—	—	—	294,833,165 33,493,047	—	21,566,194 2,449,920	373,380,966 42,413,805	21 22
9,087,362 2,747,755	—	—	—	—	—	—	13,591,705 4,064,825	23 24
—	—	—	—	—	—	—	—	888,264 1,152,838
254,286,784 177,168,918	19,555,669 13,328,056	—	—	1,408,490 996,507	3,866,479 2,848,536	—	279,117,422 194,142,019	27 28
154,366 4,840,072	—	—	—	—	—	—	—	154,366 4,840,072
146,092 9,481,371	—	—	—	—	—	—	—	146,092 9,481,371
90,295 677,213	7,064 52,980	30,234 226,755	—	—	—	—	—	306,990 2,302,426
8,815,257 8,520,624	320,759 278,451	1,299,077 1,127,729	28 24	8,013,428 6,956,457	72,779 63,179	6,415,560 5,569,348	31,163,470 27,053,007	35 36
6,692 11,376	394 670	1,707 2,902	—	—	—	—	—	38,250 65,025
—	—	—	—	795,496 625,260	—	—	795,496 625,260	37 40
—	—	—	—	690,976 1,898,455	—	—	690,976 1,898,455	41 42
19,970,136 210,149,700	—	5,924,253 59,815,924	—	—	910,843 9,572,847	—	26,805,232 279,538,471	43 44
92,478,339 10,061,643	23,024,389 2,505,054	96,655,609 10,516,130	—	434,608,705 47,285,427	—	15,522,150 1,688,811	850,197,572 82,501,496	45 46
629,295,438	26,019,293	94,161,848	9,606	108,097,509	24,188,927	12,254,377	1,130,160,395	47
2,323,320 94,542	—	—	—	—	—	—	2,323,320 94,542	48 49
21,650 3,849,370	—	—	—	30,078 6,398,679	—	—	925,331 92,276,748	50 51
—	—	—	—	17,103 334,425	—	—	195,719 2,196,384	52 53
—	—	—	—	27 540	—	—	27 540	54 55
—	—	—	—	—	—	—	20,387 358,966	56 57
57,834	—	—	—	... 1,387	—	—	... 1,342,589	58 59

TABLE 2. Mineral Production of Canada, by Provinces, 1958 — Concluded

No.			Newfoundland	Nova Scotia	New Brunswick	Quebec
Non-metallics — Concluded						
1	Gypsum	ton	36,307	3,149,719	105,749	—
2		\$	144,510	3,259,423	170,876	—
3	Iron oxide	ton	—	—	—	1,632
4		\$	—	—	—	113,390
5	Lithia	lb.	—	—	—	3,853,322
6		\$	—	—	—	2,047,880
7	Magnesitic dolomite and brucite	ton	—	—	—	—
8		\$	—	—	—	2,529,161
9	Mica	lb.	—	—	—	1,044,382
10		\$	—	—	—	85,045
11	Mineral water	gal.	—	—	—	314,294
12		\$	—	—	—	170,622
13	Nepheline syenite	ton	—	—	—	—
14		\$	—	—	—	—
15	Peat moss	ton	—	2,355	21,080	43,281
16		\$	—	26,017	701,195	1,056,811
17	Pyrite, pyrrhotite	ton	—	—	—	—
18		\$	—	—	—	2,678,310
19	Quartz	ton	—	—	—	268,676
20		\$	—	—	—	1,412,802
21	Salt	ton	—	125,872	—	—
22		\$	—	2,026,551	—	—
23	Silica brick	M	—	1,075	—	—
24		\$	—	285,285	—	—
25	Soapstone, talc ¹	ton	7,454	—	—	19,220
26		\$	109,551	—	—	194,074
27	Sodium sulphate	ton	—	—	—	—
28		\$	—	—	—	—
29	Sulphur in smelter gas	ton	—	—	—	—
30		\$	—	—	23,419	101,913
31	Sulphur, elemental	ton	—	—	—	—
32		\$	—	—	—	—
33	Titanium dioxide, etc.	ton	—	—	—	—
34		\$	—	—	—	6,575,077
35	Total	\$	1,737,429	7,459,235	895,490	99,353,750
Fuels						
36	Coal	ton	—	5,269,879	790,719	—
37		\$	—	50,347,951	6,621,369	—
38	Natural gas	M cu. ft.	—	—	123,957	—
39		\$	—	—	197,199	—
40	Peat	—	—	—	—	—
41		—	—	—	—	—
42	Petroleum, crude	bbl.	—	—	15,189	—
43		\$	—	—	21,265	—
44	Total	\$	—	50,347,951	6,839,833	—
Structural materials						
45	Clay products	\$	58,282	1,509,536	629,921	10,675,463
46	Cement	ton	50,992	—	180,166	1,903,635
47		\$	1,079,071	—	2,934,058	28,686,095
48	Lime	ton	—	—	17,614	421,652
49		\$	—	—	394,239	3,985,234
50	Sand and gravel	ton	4,062,985	2,333,792	4,015,976	40,507,787
51		\$	1,484,160	2,377,246	1,750,657	20,570,574
52	Stone	ton	282,439	435,047	2,100,687	16,963,511
53		\$	536,535	1,008,469	1,909,563	27,327,917
54	Total	\$	3,158,048	4,895,251	7,618,438	91,245,263
55	Grand total, 1958	\$	64,994,754	62,706,891	16,275,971	365,706,489
56	Grand total, 1957	\$	82,682,263	68,058,743	23,120,689	406,055,757

¹ Includes pyrophyllite.

TABLE 2. Mineral Production of Canada, by Provinces, 1938 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
425,733 1,059,590	176,123 343,266	—	—	70,498 211,494	—	—	3,964,129 5,189,159	1 2 ✓
—	—	—	—	—	—	—	1,632 113,390	3 4
—	—	—	—	—	—	—	3,853,322 2,047,880	5 6
—	—	—	—	—	—	—	2,529,161 ... 2,529,161	7 8
24,551 2,106	—	—	—	436,000 2,500	—	—	1,504,933 89,651	9 10
2,433 1,946	—	—	—	—	—	—	316,727 172,568	11 12
201,306 2,613,446	—	—	—	—	—	—	201,306 2,613,446	13 14
6,123 216,055	8,347 344,096	—	—	67,827 2,434,686	—	—	149,013 4,778,860	15 16 ✓
655,569 ... —	—	165,400 ... —	—	749,389 ... —	—	—	1,191,731 4,248,668	17 18
922,599 666,275	7,875 37,736	187,360 134,899	—	67,146 286,438	—	—	1,453,656 2,538,150	19 20 ✓
2,126,483 10,204,472	20,560 617,150	46,511 1,157,729	55,766 983,640	—	—	—	2,375,192 14,989,542	21 22 ✓
1,740 187,061	—	—	—	—	—	—	2,815 472,346	23 24
8,723 125,511	—	—	—	—	—	—	35,405 429,136	25 26
—	—	173,217 2,862,915	—	—	—	—	173,217 2,882,915	27 28
535,700 ... —	—	—	—	1,650,220 ... —	—	—	241,055 2,361,252	29 30
36,919 — —	—	—	1,815,100 — —	20,813 — —	—	—	94,377 1,872,832 6,575,077	31 32 ✓ 33 34
20,356,396	1,342,248	4,320,943	2,798,740	12,090,571	—	—	150,354,802	35
— —	—	2,253,176 4,379,481	2,519,901 12,607,276	849,091 5,750,871	—	4,344 56,379	11,687,110 79,963,327	36 37
16,147,986 5,974,755	—	18,819,795 1,881,980	239,049,591 20,080,166	63,638,297 3,915,239	24,100 8,197	—	337,803,726 32,057,536	38 39
— —	—	—	—	—	—	—	— —	40 41
778,341 2,623,000	5,829,228 14,415,676	44,626,148 96,704,863	113,277,847 283,262,592	512,359 1,022,156	457,086 698,266	—	165,496,196 398,747,818	42 43
8,597,755	14,415,676	102,968,324	316,150,034	10,688,286	706,463	56,379	510,768,681	44
22,786,291 2,400,158 35,195,552	682,943 378,823 6,580,276	1,158,803 194,734 4,506,803	2,569,170 635,516 10,676,668	1,839,494 409,397 6,755,619	—	—	41,709,903 6,153,421 96,414,142	45 46 47
1,009,916 12,644,925	72,561 1,168,514	—	47,112 767,612	27,567 505,299	—	—	1,596,422 19,465,823	48 49
67,469,064 40,055,031	9,997,546 6,025,156	5,380,151 2,826,245	13,226,668 12,717,750	13,216,976 8,475,544	—	—	160,210,945 96,282,363	50 51
15,756,560 20,670,480	540,703 983,463	—	91,882 249,668	1,985,818 2,896,834	—	—	38,156,647 55,582,929	52 53
131,352,279	15,440,352	8,491,851	26,980,868	20,272,790	—	—	309,455,160	54
789,601,868	57,217,569	209,940,968	345,939,248	151,149,136	24,895,390	12,310,756	2,100,739,038	55
748,824,322	63,464,285	173,461,037	410,211,783	178,931,120	21,400,615	14,111,798	2,190,322,392	56

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	7,653,444	3,603,455	16,628,417	3.39
1893.....	4,630,495	1,249,283	6,771,358	5,133,946	20,035,082	4.04
1894.....	4,685,852	1,263,803	8,727,095	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	9,606,158	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	6,372,901	64,420,877	12.04
1901.....	41,939,500	2,713,621	14,047,654	6,603,836	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	60,073,697	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	91,631,441	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.....	66,381,351	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	48,787,368	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	176,686,390	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	19.46
1922.....	61,785,707	10,986,120	71,990,674	39,534,741	184,297,242	20.55
1923.....	83,764,403	14,097,925	78,465,622	37,751,381	214,079,331	23.41
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	58,534,834	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	47,778,436	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	16,782,608	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.....	318,962,810	39,841,422	93,531,276	48,419,673	498,755,181	41.15
1946.....	290,386,425	43,792,717	102,516,888	66,120,221	502,816,251	40.86
1947.....	395,140,994	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	151,333,791	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	113.68
1956.....	1,146,349,595	160,341,599	518,761,191	259,453,169	2,084,905,554	129.65
1957.....	1,159,579,226	169,061,110	564,776,791	296,905,265	2,190,322,392	132.03
1958.....	1,130,160,395	150,354,802	510,768,681	309,455,160	2,100,739,038	123.11

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.

1886-97 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, Since 1923
(1949 = 100)

Year	Index	Year	Index	Year	Index
1923	31.3	1935	60.8	1947	78.5
1924	32.2	1936	68.3	1948	90.0
1925	35.2	1937	79.4	1949	100.0
1926	40.7	1938	83.7	1950	109.5
1927	43.5	1939	90.3	1951	123.4
1928	48.0	1940	96.2	1952	131.0
1929	50.1	1941	101.0	1953	142.1
1930	47.4	1942	99.1	1954	158.7
1931	43.9	1943	88.8	1955	185.2
1932	44.0	1944	79.7	1956	212.3
1933	45.0	1945	77.2	1957	227.8
1934	54.6	1946	74.3	1958	228.5

TABLE 5. Value of Mineral Production, by Provinces, Since 1939

Year	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	dollars					
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	16,689,867
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	64,552,363	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	68,058,743	23,120,689	406,055,757	748,824,322	63,464,285
1958	64,994,754	62,706,891	16,275,971	365,706,489	789,601,868	57,217,569
		Saskatchewan	Alberta	British Columbia	Northwest Territories ¹	Yukon
dollars						
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	76,641,180	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	68,216,009	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	
1958	209,940,966	345,939,248	151,149,136	24,895,390	12,310,756	

Values of pitchblende products not included from 1941 to 1953.

TABLE 6. Mineral Production of Newfoundland, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	6,216,552	2,574,274	9,070,766	2,625,986	29,501,858
Gold	troy oz.	8,213	282,938	9,755	327,280	13,381
Iron ore	short ton	8,463,572	55,620,755	8,174,779	57,898,102	5,390,775
Lead	lb.	45,575,841	7,068,813	49,023,389	6,843,665	47,960,729
Silver	troy oz.	957,125	858,350	1,196,414	1,045,307	1,267,078
Zinc	lb.	69,360,211	10,293,055	71,396,581	8,631,847	67,739,904
Non-metallics:						
Fluorspar	ton	139,801	3,395,061	—	1,562,602	—
Gypsum	"	37,000	186,727	29,465	121,800	36,307
Talc (pyrophyllite)	"	1,379	12,077	5,686	47,328	7,454
Pyrite	"	—	59,097	—	—	—
Structural materials:						
Cement	ton	83,902	1,660,300	58,277	1,185,078	50,992
Clay products	"	—	47,145	—	29,500	—
Sand and gravel	ton	2,490,580	1,686,320	2,796,273	1,681,394	4,032,985
Stone	"	327,943	604,094	348,373	582,374	282,439
Total	"	—	84,349,006	—	82,682,263	—
					—	64,994,754

TABLE 7. Mineral Production of Nova Scotia, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	808,268	334,704	—	—	—
Gold	troy oz.	1,279	44,061	45	1,510	131
Lead	lb.	1,421,799	220,521	—	—	—
Silver	troy oz.	92,859	83,276	1	1	4
Zinc	lb.	4,176,823	619,841	—	—	—
Non-metallics:						
Barite	ton	308,431	2,743,408	210,784	2,559,713	178,616
Gypsum	"	4,144,147	5,250,883	3,842,027	6,005,640	3,149,719
Peat moss	"	3,141	41,930	1,113	36,434	2,355
Salt	"	132,539	1,652,839	122,763	1,900,538	125,872
Silica brick	M	1,559	352,169	1,406	364,491	1,075
Fuels:						
Coal	ton	5,775,025	50,931,178	5,685,770	52,877,614	5,269,879
Structural materials:						
Clay products	ton	—	1,196,868	—	1,345,361	—
Sand and gravel	ton	1,675,458	1,664,949	1,933,070	1,880,344	2,333,792
Stone	"	408,952	955,647	434,726	1,087,097	435,047
Total	"	—	66,092,274	—	68,058,743	—
			—	—	—	62,706,891

TABLE 8. Mineral Production of New Brunswick, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	12,732	5,272	11,476,340	3,322,400	655,717
Gold	troy oz.	—	—	240	8,052	52
Lead	lb.	949,090	147,204	2,339,993	326,663	188,179
Silver	troy oz.	18,182	16,306	379,173	331,283	51,139
Tungsten (WO_3)	lb.	6,662	10,992	—	—	—
Zinc	"	1,061,054	157,460	6,627,458	801,260	6,323,431
Non-metallics:						
Gypsum	"	86,104	224,038	93,249	163,146	105,749
Peat moss	"	13,421	520,224	18,731	779,675	21,080
Sulphur, in sulphides	"	—	—	—	8,357	—
Fuels:						
Coal	ton	988,266	7,990,446	976,597	8,189,859	790,719
Natural gas	M cu. ft.	190,322	141,315	176,417	156,641	123,957
Petroleum	bbl.	16,628	23,279	19,401	27,161	15,189
Structural materials:						
Cement	ton	165,482	2,439,676	163,640	2,646,293	180,166
Clay products	"	—	975,855	—	803,169	—
Lime	ton	18,432	408,338	14,895	342,054	17,614
Sand and gravel	"	6,140,029	3,152,911	7,342,928	3,676,512	4,015,976
Stone	"	2,129,109	2,044,986	1,285,811	1,538,164	2,100,687
Total	"	—	18,258,302	—	23,120,689	—
			—	—	—	16,273,971

TABLE 9. Mineral Production of Quebec,¹ 1956-58

product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Bismuth	lb.	122,128	230,213	160,093	267,908	240,177
Copper	"	244,599,468	101,288,640	224,818,449	65,084,941	262,890,590
Gold	troy oz.	1,036,059	35,692,233	1,006,895	33,781,327	1,044,846
Iron (remelt)	ton	159,874	7,996,897	187,529	10,083,434	...
Iron ore	"	7,956,549	58,373,270	8,872,948	65,805,057	6,060,325
Lead	lb.	5,745,615	891,145	5,417,795	756,324	6,299,475
Magnesium	"	4,572,564	1,536,688	1,585,998	487,853	4,504,343
Molybdenum	"	842,263	955,828	783,739	1,166,557	888,264
Selenium	"	117,555	1,586,993	168,290	1,851,190	179,397
Silver	troy oz.	4,063,966	3,644,565	3,645,856	3,185,384	3,908,361
Tellurium	lb.	—	—	22,928	40,124	29,457
Titanium ore	ton	2,310	16,561	10,770	97,075	—
Zinc	lb.	171,945,511	25,516,714	148,589,484	17,964,469	113,845,036
Non-metallics:						
Asbestos	ton	967,145	90,531,457	993,425	93,616,875	873,603
Feldspar	"	18,153	364,849	20,450	393,284	20,387
Iron oxides (ochre)	"	8,803	186,225	7,518	187,211	1,632
Lithia	lb.	4,789,360	2,643,950	5,140,257	2,827,143	3,853,322
Magnesitic dolomite and brucite	"	2,783,181	—	3,046,298	—	2,529,161
Mica	ton	809	93,761	596	105,310	522
Natural mineral waters	Imp. gal.	290,526	148,167	346,210	183,155	314,294
Peat moss	ton	40,268	951,644	48,704	1,140,476	43,281
Pyrite	"	—	2,843,839	—	2,731,632	—
Quartz	ton	320,955	1,243,465	284,403	1,321,830	268,676
Soapstone and talc	"	15,576	185,298	17,803	220,330	19,226
Sulphur in smelter gases	"	—	141,990	—	83,134	—
Titanium dioxide	ton	157,374	7,682,911	186,422	9,740,570	—
Structural materials:						
Cement	"	1,797,128	25,696,957	2,051,201	30,267,092	1,903,635
Clay products	"	—	9,415,703	—	8,898,855	—
Lime	ton	452,779	4,506,430	443,964	4,295,102	421,652
Sand and gravel	"	37,175,708	16,354,866	40,913,961	20,584,404	40,507,787
Stone	"	11,153,206	18,959,950	16,053,665	25,841,413	16,963,511
Total .....		...	422,464,410	...	406,055,757	...
						365,708,489

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

TABLE 10. Mineral Production of Ontario, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Bismuth	lb.	6,980	10,586,	14,214	21,372	18,581
Calcium	"	394,900	515,305	221,225	282,378	25,227
Cobalt	lb.	3,392,543	8,781,626	3,750,596	7,541,258	2,436,064
Copper	"	312,541,701	128,552,450	343,406,269	98,488,877	284,069,476
Gold	troy oz.	2,513,912	86,604,268	2,578,206	86,498,811	2,716,514
Iron ore	short ton	5,558,203	44,177,246	4,867,105	41,317,629	3,644,952
Lead	lb.	3,010,163	466,876	1,012,565	141,354	2,513,224
Magnesium	"	14,639,734	4,543,202	15,184,373	4,767,043	9,087,362
Nickel	lb.	335,152,371	208,099,454	354,792,843	243,518,138	254,286,784
Palladium, rhodium, etc.	troy oz.	163,451	6,681,098	216,582	7,896,209	154,366
Platinum	"	151,357	15,725,992	199,565	17,835,124	146,092
Selenium	lb.	109,156	1,473,606	86,459	951,049	90,295
Silver	troy oz.	6,626,447	5,942,587	6,910,130	6,037,381	9,815,257
Tellurium	lb.	6,305	11,034	6,915	12,101	6,692
Uranium	"	906,614	9,361,867	7,970,598	82,940,763	19,970,136
Zinc	"	2,454,297	364,218	22,591,677	2,731,334	92,478,339

TABLE 10. Mineral Production of Ontario, 1956-58 - Concluded

Product	1956		1957		1958		
	Quantity	Value	Quantity	Value	Quantity	Value	
		\$		\$		\$	
Non-metallics:							
Arsenic (As_2O_3) ¹	lb.	1,790,381	77,612	3,697,317	137,112	2,323,320	94,542
Asbestos	ton	26,748	3,929,782	20,947	3,529,570	21,650	3,849,370
Fluorspar	"	270	12,521	...	94,239	...	57,834
Gypsum	"	366,956	840,829	379,621	853,199	425,733	1,059,590
Mica	"	23	645	45	6,273	24,551	2,106
Natural mineral waters	Imp. gal.	2,000	1,700	2,500	2,012	2,433	1,946
Nepheline syenite	ton	180,006	2,574,140	200,016	2,754,060	201,306	2,613,446
Peat (moss)	"	3,267	97,091	4,720	220,232	6,123	216,055
Pyrite, pyrrhotite	"	...	759,449	...	685,335	...	655,569
Quartz ²	"	1,571,819	1,413,192	1,591,091	1,428,400	922,599	666,275
Salt	"	1,347,729	7,932,294	1,538,805	9,478,587	2,126,483	10,204,472
Silica brick	M	4,243	384,648	2,902	291,412	1,740	187,061
Sulphur, in smelter gas		...	534,810	...	542,846	...	585,700
Sulphur, elemental		—	—	...	...	...	36,919
Talc	ton	12,371	167,851	11,236	160,015	8,725	125,511
Fuels:							
Natural gas	M cu. ft.	12,811,618	4,740,298	14,400,913	5,328,338	16,147,986	5,974,755
Petroleum	bbl.	593,370	1,958,121	623,666	2,160,000	778,341	2,623,000
Structural materials:							
Cement	ton	1,450,437	21,455,019	2,211,887	33,505,994	2,400,158	35,195,552
Clay products	"	...	19,173,336	...	18,353,299	...	22,786,291
Lime	ton	673,357	8,258,857	766,143	9,416,868	1,009,916	12,644,925
Sand and gravel	"	61,436,363	34,379,015	66,129,158	36,699,895	67,469,064	40,055,031
Stone	"	15,734,664	20,820,727	17,390,438	22,195,815	15,756,560	20,670,480
Total		...	650,823,362	...	748,824,322	...	789,601,868

¹ Includes some arsenic recovered from foreign ores.² Includes low-grade silica sand for foundry purposes.

TABLE 11. Mineral Production of Manitoba, 1956-58

Product	1956		1957		1958		
	Quantity	Value	Quantity	Value	Quantity	Value	
		\$		\$		\$	
Metallics:							
Cadmium	lb.	40,026	68,044	38,909	66,145	39,994	60,791
Cobalt	"	124,127	283,867	172,053	243,165	274,365	441,531
Copper	"	35,945,427	14,890,139	37,101,564	10,686,798	25,201,421	6,383,403
Gold	troy oz.	120,232	4,141,992	120,008	4,026,268	87,356	2,968,357
Nickel	lb.	21,877,940	14,105,406	20,067,367	14,725,014	19,555,669	13,328,056
Selenium	"	41,921	565,934	26,491	291,401	7,064	52,980
Silver	troy oz.	430,124	385,735	407,834	356,325	320,759	278,451
Tellurium	lb.	580	1,015	575	1,006	394	670
Zinc	"	35,808,410	5,313,968	27,458,711	3,319,758	23,024,389	2,505,054
Non-metallics:							
Gypsum	ton	185,986	365,840	183,708	458,368	176,123	343,266
Peat moss	"	6,145	236,254	5,700	213,855	8,347	344,096
Quartz	"	2,580	9,030	—	—	7,875	37,736
Salt	"	21,068	513,373	19,372	503,031	20,580	617,150
Fuels:							
Petroleum, crude	bbl.	5,786,540	13,633,088	6,089,743	15,467,947	5,829,226	14,415,676
Structural materials:							
Cement	ton	523,924	8,324,520	412,998	6,820,383	378,823	6,580,276
Clay products	"	...	754,503	...	827,697	...	682,94%
Lime	ton	64,286	1,066,704	64,922	1,089,728	72,561	1,168,514
Sand and gravel	"	6,883,026	2,293,287	6,647,280	3,450,100	9,997,546	6,025,154
Stone	"	262,557	956,708	454,972	917,296	540,703	983,467
Total		...	67,909,407	...	63,464,285	...	57,217,569

TABLE 12. Mineral Production of Saskatchewan, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Metallics:						
Cadmium	lb.	116,960	198,832	187,439	318,646	302,593
Copper	"	66,232,560	27,426,903	61,193,681	17,715,571	75,020,217
Gold	troy oz.	82,687	2,848,567	75,236	2,524,168	86,590
Selenium	lb.	61,757	833,719	40,152	441,672	30,234
Silver	troy oz.	1,179,110	1,057,426	1,145,571	1,000,885	1,299,077
Tellurium	lb.	982	1,718	1,106	1,936	1,707
Uranium (U_3O_8)	"	2,780,534	27,194,202	4,462,552	44,561,832	5,924,253
Zinc	"	90,759,887	13,468,767	90,140,339	10,897,967	96,655,609
Non-metallics:						
Pyrite		-	-	...	191,368	...
Quartz ¹	lb.	183,563	91,782	168,051	84,026	187,360
Salt	"	42,814	882,988	43,684	1,069,201	46,511
Sodium sulphate	ton	181,053	2,838,186	157,800	2,568,728	173,217
Fuels:					+	
Coal	"	2,341,641	4,320,167	2,248,812	4,398,031	2,253,176
Natural gas	M cu. ft.	9,807,697	980,770	13,994,347	1,368,647	18,819,795
Petroleum, crude	bbl.	21,077,371	36,253,078	36,861,089	79,325,064	44,626,148
Structural materials:						
Cement	ton	2,509	59,762	150,664	2,861,615	194,734
Clay products .....		...	1,054,071	...	1,015,389	...
Sand and gravel	ton	6,466,810	3,233,760	6,565,563	3,116,291	5,380,151
Total .....		...	122,744,698	...	173,461,037	209,940,966

¹ Low-grade silica sand for fluxing purposes.

TABLE 13. Mineral Production of Alberta, 1956-58

Grinding pebbles.

TABLE 14. Mineral Production of British Columbia, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Metallics:						
Antimony	lb.	2,140,432	687,527	1,360,731	370,442	858,633
Bismuth	"	156,753	304,101	145,634	295,637	154,034
Cadmium	"	1,937,807	3,294,272	1,956,028	3,325,248	1,252,724
Copper	"	43,363,882	17,885,709	30,820,994	8,877,743	12,019,726
Gold	troy oz.	196,692	6,776,040	229,113	7,686,741	210,612
Indium	"	363,192	795,390	384,360	693,770	...
Iron ore	ton	369,954	2,190,847	357,342	2,200,637	630,271
Lead	lb.	295,402,176	45,816,877	280,188,948	39,114,378	294,833,165
Manganese ore .....		...	1,900	--	--	--
Silver	troy oz.	8,801,398	7,893,094	8,584,991	7,500,707	8,013,428
Tin ¹	lb.	756,934	670,441	709,102	580,342	795,496
Tungsten (WO ₃)	"	2,264,775	6,351,376	1,921,483	5,279,275	690,976
Zinc	"	448,646,414	66,579,127	443,557,961	53,626,157	434,608,705
Non-metallics:						
Asbestos	ton	20,356	5,398,730	31,714	7,342,986	30,078
Arsenic (As ₂ O ₃)	lb.	2	2	2	2	2
Barite	ton	12,404	287,626	17,264	433,200	17,103
Diatomite	"	2	40	120	2,400	27
Fluorspar	"	—	—	—	—	1,387
Gypsum	"	75,618	391,919	49,422	142,952	70,498
Mica (schist)	"	90	1,260	—	—	218
Peat moss	"	63,812	2,393,571	58,779	2,343,832	67,827
Pyrite	"	...	876,400	...	1,199,893	...
Quartz	"	63,317	279,074	95,701	350,930	67,146
Sulphur, in smelter gas .....	...	1,646,790	...	1,687,730	...	1,650,220
Sulphur, elemental	—	—	—	—	—	20,813
Fuels:						
Coal	ton	1,472,519	8,722,856	1,113,699	7,280,024	849,091
Natural gas	M. cu. ft.	187,846	20,193	8,274,942	366,867	63,638,297
Petroleum, crude	bbl.	148,454	302,375	340,945	763,717	512,359
Structural materials:						
Cement	ton	396,138	6,339,071	443,469	7,078,108	409,397
Clay products	—	—	2,128,955	—	2,020,701	—
Lime	ton	45,536	803,209	46,470	856,625	27,567
Sand and gravel	"	16,010,853	10,314,418	15,699,857	10,868,698	13,216,976
Stone	"	3,174,067	4,124,640	4,233,531	6,641,380	1,985,818
Total .....	...	203,277,828	...	178,931,120	...	151,149,136

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.

TABLE 15. Mineral Production of the Northwest Territories, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Copper	lb.	—	—	330,472	95,672	868,403
Gold	troy oz.	352,669	12,149,447	340,018	11,407,604	343,838
Nickel	lb.	—	—	1,056,341	734,157	3,866,479
Silver	troy oz.	69,916	62,701	69,104	60,376	72,779
Uranium (U_3O_8)	lb.	873,912	9,176,076	838,264	8,801,769	910,843
Fuels:						
Natural gas	M cu. ft.	21,210	6,938	19,243	6,446	24,100
Petroleum, crude	bbl.	449,409	762,773	420,844	294,591	457,086
Total .....		...	22,157,935	...	21,400,615	...
						24,895,390

TABLE 16. Mineral Production of Yukon, 1956-58

Product	1956		1957		1958	
	Quantity	Value	Quantity	Value	Quantity	Value
Metallics:		\$		\$		\$
Cadmium	lb.	244,628	415,868	185,754	315,782	160,739
Gold	troy oz.	72,001	2,480,434	73,962	2,481,425	67,745
Lead	lb.	25,604,220	3,971,215	24,985,839	3,488,023	21,566,194
Silver	troy oz.	6,192,706	5,553,619	6,484,185	5,665,232	6,415,560
Zinc	lb.	21,052,518	3,124,194	17,119,445	2,069,741	15,522,159
Fuels:						
Coal	ton	9,372	111,104	7,731	91,595	4,344
Total .....		...	15,656,434	...	14,111,798	...
						12,310,756

TABLE 17. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1954-58

	1954	1955	1956	1957	1958
Gold-quartz ores	16,178,273	16,404,660	14,589,230	14,472,724	14,766,582
Copper-gold-silver ores	8,501,569	9,911,751	10,422,648	10,570,801	11,484,960
Bitter-cobalt ores	289,101	302,821	205,013	186,294	223,609
Silver-lead-zinc ores	7,272,011	7,526,352	7,651,006	6,714,538	5,889,872
Nickel-copper ores	16,748,709	17,022,067	18,453,360	19,289,516	12,861,918

TABLE 17. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1954-58 - Concluded

	1954	1955	1956	1957	1958
Iron ores	9,400,517	17,220,376	23,950,943	26,417,572	20,357,239
Miscellaneous metals ¹	624,176	800,764	2,119,476	6,689,383	13,171,208
Asbestos	14,793,760	17,696,357	21,922,874	22,610,743	22,443,060
Feldspar and nepheline syenite	175,856	215,660	286,022	306,337	332,265
Quartz, exclusive of sand (shipments)	933,588	945,398	1,296,431	1,313,490	737,088
Gypsum and anhydrite	4,184,178	4,539,660	4,900,265	4,706,524	3,976,714
Talc and soapstone	28,120	29,273	28,500	40,083	37,314
Iron oxides	13,985	11,789	11,152	12,560	2,822
Rock salt	80,652	275,104	638,651	790,986	780,094
Other non-metals	748,839	1,032,913	1,235,686	746,925	803,635
Stone, all kinds, quarries (exclusive of stone used for cement and lime)	32,767,925	30,512,920	33,257,318	40,282,081	38,156,647
Stone used for the manufacture of cement	5,566,198	5,964,433	7,152,693	8,741,863	8,473,596
Estimated rock for the manufacture of lime	2,154,987	2,274,211	2,276,836	2,562,740	2,831,886
Total (other than coal)	120,462,449	132,686,509	150,398,104	166,455,160	157,069,182

¹ Uranium ore is not included prior to 1956.

Data for the years 1922-46 are shown in Mineral Production of Canada, 1946.

Data for the years 1947-51 are shown in General Review of the Mining Industry, 1951.

Data for the years 1952-56 are shown in General Review of the Mining Industry, 1956.

TABLE 18. Tonnage of Ore Mined¹ and Rock Quarried,² by Provinces, 1954-58

Province	1954	1955	1956	1957	1958
Newfoundland	5,438,153	7,940,676	9,593,643	10,541,432	7,378,993
Nova Scotia	13,688,431	4,636,728	4,906,251	4,651,545	3,813,655
New Brunswick	1,048,177	1,484,410	2,475,039	1,963,614	2,541,459
Quebec	40,338,566	50,624,193	57,611,096	63,806,273	63,308,929
Ontario	43,828,925	49,206,738	56,233,453	64,686,691	62,871,982
Manitoba	2,514,433	2,921,792	3,181,811	3,417,325	2,905,751
Saskatchewan	1,230,987	1,228,285	1,514,292	2,524,231	2,895,002
Alberta	780,744	792,055	1,013,726	1,087,703	940,827
British Columbia	10,782,055	13,090,597	13,009,058	12,840,216	9,473,193
Northwest Territories	575,429	597,270	675,083	748,205	762,169
Yukon	236,549	163,765	184,652	187,925	177,223
Canada (excluding coal)	120,462,449	132,686,509	150,398,104	166,455,160	157,069,182

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, 1939-58
 (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
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	85,250
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
1948	22,038	18,043	13,589	74,361	1958	25,764	12,109	10,309	89,044

¹ Prime western grade.² 1939-50 for other than new-milled domestic.

TABLE 20. Average Annual Metal Prices, in Canadian Dollars, 1939-58

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											
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	36.85	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	0.8818	0.3687	0.1438	0.1365
1946	36.75	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	0.2895	0.1396	0.1209
1948	35.00	0.75	0.2235	0.1804	0.1393	1958	33.98	0.8681	0.2542	0.1136	0.1088

¹ Based on New York; 1933-42 based on London.² Based on London; prices controlled by Government 1939-47. Based on New York 1947-50. Montreal prices in 1951-57.

TABLE 21. Production of Leading Mineral Products, by Months, 1956-58

No.		Asbestos	Cement	Clay products	Coal	Copper	Gold	Gypsum
		tons	tons	\$	tons	pounds	ounces	tons
1956								
1	January	58,550	195,533	2,136,017	1,668,772	59,890,931	369,805	307,754
2	February	67,853	224,561	2,515,473	1,423,086	53,497,626	351,969	276,207
3	March	76,778	313,844	2,350,304	1,321,038	63,070,387	383,926	304,820
4	April	99,558	428,586	2,710,044	1,085,826	55,435,563	367,646	414,733
5	May	101,934	593,467	3,797,254	1,093,805	58,635,581	374,542	483,252
6	June	79,773	581,905	3,856,769	913,336	57,934,295	380,574	572,299
7	July	86,511	557,870	3,931,683	854,554	62,021,921	351,492	543,078
8	August	98,316	546,851	3,858,193	855,757	57,178,263	351,692	437,946
9	September	81,953	442,518	3,594,299	1,142,328	62,132,602	352,510	409,087
10	October	90,920	538,060	3,962,240	1,494,359	59,693,186	368,385	490,909
11	November	111,645	400,035	3,214,689	1,562,454	59,426,857	367,303	351,623
12	December	60,458	198,453	1,858,015	1,500,295	60,803,378	364,019	304,103
13	Total	1,014,249	5,021,683	37,784,980	14,915,610	709,720,590	4,383,863	4,895,811
1957								
14	January	59,694	189,694	1,582,825	1,410,225	52,804,296	358,638	306,350
15	February	77,249	210,959	1,683,891	1,301,241	59,494,732	342,826	193,284
16	March	69,689	315,616	2,400,046	1,072,839	62,685,269	375,702	195,634
17	April	107,066	379,383	2,420,503	987,048	56,829,666	370,251	395,733
18	May	100,362	628,961	3,718,883	927,261	53,986,461	375,907	395,079
19	June	83,946	650,867	3,514,299	793,112	54,560,249	359,721	519,800
20	July	83,089	878,529	3,976,068	709,127	53,572,465	365,905	501,831
21	August	95,949	746,973	3,909,687	767,328	60,953,655	363,801	586,469
22	September	135,692	669,256	3,585,460	1,076,152	62,751,293	276,042	479,372
23	October	88,991	682,343	3,801,984	1,498,906	63,511,520	399,693	481,201
24	November	93,770	469,842	3,162,924	1,354,912	68,481,139	378,293	301,452
25	December	50,589	226,675	2,165,588	1,291,004	68,587,790	367,115	221,167
26	Total	1,046,086	6,049,098	35,922,158	13,189,155	718,218,535	4,433,894	4,577,492
1958								
27	January	57,450	218,199	1,933,788	1,296,690	65,736,378	378,414	260,158
28	February	53,949	183,123	1,392,901	1,172,251	61,336,142	360,385	209,564
29	March	55,178	312,048	2,873,329	940,121	68,477,172	394,247	249,554
30	April	83,477	422,752	3,185,496	850,434	65,284,103	385,183	251,180
31	May	70,883	665,429	4,160,858	823,114	64,742,399	384,649	321,336
32	June	73,995	719,926	4,140,795	684,469	64,336,378	385,810	318,301
33	July	87,377	752,762	4,730,946	697,365	61,762,123	382,250	382,253
34	August	85,785	721,140	4,185,781	409,707	61,234,633	369,728	365,503
35	September	88,992	737,622	4,514,831	937,015	54,891,449	378,022	423,659
36	October	98,392	696,722	4,511,151	1,259,348	44,615,189	404,328	427,060
37	November	107,072	493,674	3,802,063	1,239,146	40,161,993	371,146	371,341
38	December	62,781	230,024	2,277,964	1,377,450	37,649,449	377,185	384,218
39	Total	925,331	6,153,421	41,709,903	11,687,110	690,227,408	4,571,347	3,964,129

Notes: Data for the years 1929-49 are shown in General Review of the Mining Industry, 1949.
 Data for the years 1950-52 are shown in General Review of the Mining Industry, 1952.

TABLE 21. Production of Leading Mineral Products, by Months, 1956-58

Iron ore	Lead	Lime	Natural gas	Nickel	Petroleum	Salt	Silver	Zinc	No.
tons	pounds	tons	M cu. ft.	pounds	barrels	tons	ounces	pounds	
376,350	32,454,063	102,211	19,354,616	29,920,064	13,603,083	120,668	2,333,452	75,339,360	1
139,131	29,105,728	102,310	17,243,379	29,944,823	13,538,786	128,317	2,045,349	71,093,454	2
63,718	34,134,943	109,434	16,045,079	30,958,004	14,298,149	103,037	2,344,585	73,504,290	3
461,176	23,862,399	109,027	13,181,191	28,811,474	11,877,634	95,144	2,061,509	70,590,236	4
2,429,943	31,346,795	107,934	11,154,514	30,355,527	12,009,204	97,667	2,511,200	70,773,653	5
2,873,610	34,124,162	108,558	9,711,104	28,943,707	13,226,221	110,075	2,540,081	72,174,057	6
2,893,465	32,146,024	112,158	9,565,562	30,209,101	14,248,097	130,151	2,313,488	74,658,291	7
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	8
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	9
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	10
2,630,303	29,870,030	105,869	16,271,178	30,083,902	15,560,130	165,167	2,464,919	63,235,768	11
240,037	31,912,686	100,187	20,272,014	29,634,737	16,661,971	169,258	2,445,707	66,089,993	12
22,348,278	377,708,904	1,295,699	169,152,586	357,030,311	171,981,413	1,390,804	28,431,847	843,265,125	13
272,674	28,163,717	98,169	22,633,311	32,217,824	16,897,009	165,579	2,203,631	64,940,318	14
88,408	30,440,047	96,752	19,504,456	30,054,066	14,817,248	138,871	2,076,679	61,992,749	15
56,465	34,256,632	110,639	18,277,833	33,465,519	15,999,906	101,882	2,391,316	70,561,764	16
308,070	28,650,140	115,694	18,534,237	30,694,880	15,294,701	113,747	2,270,638	66,913,079	17
2,463,099	29,281,292	118,640	13,896,935	32,449,219	16,393,594	125,176	2,156,185	68,392,389	18
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	19
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	20
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	21
3,261,054	29,698,449	113,036	14,638,574	30,708,294	14,403,816	168,263	2,354,397	68,307,614	22
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	23
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	24
334,970	30,757,362	115,700	29,464,166	29,876,595	13,374,917	183,182	2,577,984	77,068,750	25
22,272,174	362,968,529	1,378,617	220,006,682	375,916,351	181,848,004	1,771,559	28,823,298	827,481,656	26
181,203	34,134,753	120,954	30,937,476	33,309,586	15,317,635	162,627	2,530,583	75,790,860	27
79,005	29,815,854	118,918	29,196,932	31,681,113	14,463,517	154,303	2,305,655	68,259,259	28
94,186	30,741,918	132,331	31,528,723	31,595,453	14,458,269	139,360	2,459,698	75,507,526	29
232,613	31,708,743	125,492	27,103,366	30,115,976	12,041,659	120,322	2,574,958	69,667,129	30
1,468,395	30,693,692	140,165	22,845,606	30,352,950	12,560,841	195,234	2,656,665	69,983,441	31
2,258,660	31,690,563	122,993	19,833,422	29,096,809	12,452,465	183,473	2,536,018	68,975,483	32
2,484,919	28,551,140	133,974	20,341,023	25,592,033	14,682,674	192,977	2,390,687	70,478,151	33
2,477,418	24,919,231	127,014	21,753,125	25,034,292	13,818,523	195,853	2,889,154	70,899,396	34
2,337,390	31,302,473	131,848	24,917,691	23,512,369	13,152,510	226,010	2,841,304	70,426,675	35
2,361,979	29,528,644	152,450	30,162,501	6,739,472	13,415,155	274,735	2,375,156	70,215,356	36
1,238,254	33,841,886	151,052	36,816,586	5,778,365	13,525,248	244,529	2,649,515	70,404,431	37
512,301	36,432,069	139,231	42,367,275	6,308,502	15,607,700	285,769	2,954,077	69,589,865	38
15,726,323	373,360,966	1,596,422	337,803,726	279,117,422	165,496,196	2,375,192	31,163,470	850,197,572	39

Notes: Data for the years 1952-54 are shown in General Review of the Mining Industry, 1954.

Data for the years 1954-56 are shown in General Review of the Mining Industry, 1956.

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1954-58

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		
			No.	No.	\$	\$	\$		
Metal mining industries									
Placer gold mines									
1954	62	351	1,619,460	146,300	253,128	3,051,665	2,575,038		
1955	64	345	1,480,868	122,882	98,278	2,728,106	2,443,595		
1956	64	250	1,378,166	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		
1958	112	236	1,253,362	63,007	461,375	3,049,743	2,484,524		
Gold quartz mines									
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	24,496,662	134,476,377	101,382,077		
1956	133	17,031	62,701,494	6,830,676	22,725,750	127,983,495	97,011,062		
1957	147	16,911	63,708,680	6,771,886	22,705,425	127,055,902	95,991,241		
1958	127	16,811	64,208,042	7,134,399	18,013,121	133,998,004	107,140,993		
Copper-gold-silver-mines									
1954	118	7,837	29,791,332	3,148,808	10,232,701	105,893,976	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		
1958	244	8,875	39,745,243	4,428,653	15,968,361	133,778,148	77,993,264		
Silver-cobalt mines									
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	339,787	4,563,402	3,502,093		
1957	12	598	2,209,805	256,694	353,026	4,314,088	3,105,633		
1958	12	570	2,115,670	241,027	320,403	4,792,545	3,633,390		
Silver-lead-zinc mines									
1954	124	6,386	24,847,011	3,488,018	9,927,474	136,256,758	78,077,960		
1955	103	6,529	26,741,770	3,465,589	9,740,623	140,186,677	82,663,039		
1956	96	6,338	27,253,247	3,452,621	8,215,578	142,920,691	86,604,019		
1957	83	5,844	26,256,837	2,992,834	11,360,204	115,961,445	59,485,349		
1958	62	4,485	20,763,855	2,208,845	9,092,759	98,152,340	46,166,133		
Nickel-copper mines									
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	2,962,741	14,338,539	96,027,045	75,454,036		
1956	55	11,872	55,486,888	3,030,633	14,931,835	103,616,192	82,735,929		
1957	85	12,124	59,807,695	3,810,592	18,049,361	110,427,956	84,148,711		
1958	47	9,243	47,190,007	2,990,800	11,190,722	79,814,539	61,164,999		
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	36,288,939	6,218,370	10,312,348	167,221,425	102,701,537		
1958	59	7,404	36,032,817	6,750,140	8,477,634	126,131,181	79,175,569		
Miscellaneous metal mines									
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	169	4,377	20,532,485	4,191,314	8,630,542	54,494,426	40,781,866		
1957 ³	139	8,705	42,386,402	6,539,935	20,949,018	144,689,661	115,788,076		
1958 ³	91	14,375	78,320,507	9,293,152	50,827,573	284,367,777	223,484,942		
Total metal mining industries									
1954	693	51,599	195,196,870	20,651,237	67,571,041	553,988,882	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	741,722,067	509,210,175		
1957	844	62,554	278,532,935	31,588,381	99,380,414	791,257,471	532,031,375		
1958	754	61,999	289,629,503	32,110,023	114,351,948	864,084,277	601,243,814		

See footnotes at end of table.

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1954-58 — 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														
1954.....	22	26,048	102,595,970	55,225,387	515,315,655 ⁴	922,578,998	352,037,956							
1955.....	24	28,606	118,169,378	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	450,666,185							
1958.....	25	26,959	131,081,250	63,522,398	693,796,744 ⁴	1,135,770,506	378,451,364							
Total metals														
1954.....	715	77,647	287,782,840	75,876,624	582,886,696		741,264,528							
1955.....	818	81,970	329,437,828	79,673,962	783,277,291		909,732,534							
1956.....	809	88,352	373,086,515	83,352,669	889,906,139		1,020,228,528							
1957.....	867	92,187	413,308,141	91,063,174	869,385,110		982,697,540							
1958.....	779	88,958	420,710,753	96,832,421	808,148,892		979,693,178							
Non-metal mining industries														
Asbestos														
1954.....	25	6,563	24,850,100	4,130,806	9,924,166	86,441,438	72,386,464							
1955.....	30	6,729	26,118,049	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	8,008,420	14,558,214	108,014,041	87,447,407							
1958.....	22	8,997	32,025,137	5,740,515	12,798,276	95,271,323	76,732,532							
Feldspar, quartz and nepheline syenite														
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							
1958.....	35	450	1,804,827	389,008	617,720	5,555,582	4,382,352							
Gypsum														
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	2,655,320	468,366	1,440,177	7,745,105	5,836,562							
1958.....	13	627	2,300,288	424,184	841,785	5,189,159	3,923,210							
Iron oxides (ochres)														
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	26	64,011	22,402	5,627	192,388	141,288							
1958.....	3	17	31,916	14,718	3,228	116,343	98,397							
Mica														
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							
1958.....	25	28	44,848	5,039	4,483	90,643	81,121							
Peat														
1954.....	40	680	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							
1958.....	38	1,447	2,484,732	180,976	1,445,196	6,185,375	4,559,203							

See footnotes at end of table.

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1954-58 - 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							
Non-metal mining industries - Concluded														
Salt														
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	15,842,049	12,198,835							
1958	13	795	3,183,245	1,069,615	2,748,081	16,957,157	13,139,461							
Talc and soapstone														
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							
1958	4	76	213,576	36,033	105,097	519,781	378,651							
Miscellaneous non-metal mines														
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	1,597,660	14,278,289	10,723,739							
1958	40	1,223	4,806,084	1,681,441	1,087,514	11,942,125	9,110,412							
Total non-metal mining industries														
1954	207	10,892	37,878,138	7,074,513	16,247,350	122,101,698	98,626,771							
1955	243	11,722	42,390,871	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	22,037,385	159,092,008	126,561,143							
1958	193	11,660	46,894,653	9,541,509	19,631,380	141,827,488	112,405,339							
Fuels industries														
Coal														
1954	223	18,050	53,650,045	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	16,095	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	11,449,260	90,220,670	73,908,636							
1958	158	13,162	42,250,458	4,967,177	10,786,747	79,963,327	64,209,403							
Natural gas														
1954	3,572	2,887	8,864,662	287,009	69,395	8,286,809	7,930,405							
1955	3,659	2,849	9,070,036	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							
1958	3,707	1,889	7,015,967	686,979	342,562	11,635,426	10,605,885							
Petroleum														
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	395,242,666							
1957	14,946	5,465	27,698,044	5,624,428	10,504,401	454,862,173	438,733,344							
1958	16,147	5,175	26,300,039	5,716,585	9,924,345	412,140,777	396,499,847							
Total fuels industries														
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	413,340,266	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							
1958	20,012	20,226	75,566,464	11,370,741	21,053,654	503,739,530	471,315,135							

See footnotes at end of table.

TABLE 22. Principal Statistics of the Mineral Industry, by Industries, 1954-58 - 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														
1954	125	3,929	12,112,490	5,253,397	770,415	32,360,098	26,336,286							
1955	118	4,118	12,850,485	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							
1958	113	4,075	14,847,054	6,457,139	1,065,692	41,709,903	34,187,072							
Cement														
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	3,186	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							
1958	19	3,428	15,891,560	19,009,008	14,758,308	99,943,850	66,176,534							
Lime														
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							
1958	40	1,169	4,348,674	4,865,236	1,367,999	20,261,610	14,028,375							
Sand and gravel														
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	87,506,864							
1958	7,832	5,957	18,225,999	3,832,843	530,034	96,282,363	91,919,486							
Stone														
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							
1958	583	4,067	14,014,488	2,945,744	5,164,672	55,582,929	47,472,513							
Total clay products and other structural materials														
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	188,990,576							
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							
1958	8,587	18,696	67,327,775	37,109,970	22,886,705	313,780,655	253,783,980							
GRAND TOTAL OF ALL INDUSTRIES														
1954	21,904	129,445	463,305,873	115,910,978	630,798,791	—	1,336,898,736							
1955	24,115	133,636	502,595,701	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							
1958	29,571	139,540	610,499,645	154,654,641	871,740,431	—	1,817,199,632							

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 compilations. 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 1954: \$1,722,602; in 1955: \$1,456,825,198; in 1956: \$1,672,830,156; in 1957: \$1,807,562,075; in 1958: \$1,823,431,950.

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 1941-53.

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 1954: 260; in 1955: 263; in 1956: 262; in 1957: 265; in 1958: 314.

MINERAL STATISTICS

TABLE 23. Principal Statistics of the Mineral Industry, by Provinces, 1954-58

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											
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
1958.....	376	4,509	18,312,005	2,186,071	4,577,741						37,713,764
Nova Scotia											
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						52,334,682
1957.....	637	10,827	34,924,921	3,677,795	10,226,192						54,799,518
1958.....	652	10,223	33,326,405	3,925,702	9,597,098						49,729,597
New Brunswick											
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
1958.....	259	1,683	5,177,279	1,812,887	1,953,614						12,014,056
Quebec											
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
1958.....	4,429	37,017	156,046,309	58,011,234	373,866,652						396,436,065
Ontario											
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
1958.....	6,658	53,581	244,564,865	52,089,970	327,034,294						627,266,446
Manitoba											
1954.....	551	2,831	10,885,823	2,656,241	7,549,980						28,672,764
1955.....	672	3,517	14,259,341	3,187,058	10,312,891						37,044,979
1956.....	1,086	3,220	13,170,338	4,141,648	9,201,163						44,835,675
1957.....	1,217	3,143	13,320,716	3,690,537	10,080,614						36,484,038
1958.....	1,291	3,012	14,242,286	3,158,803	6,988,605						37,969,548

See footnote at end of table.

TABLE 23. Principal Statistics of the Mineral Industry, by Provinces, 1954-58 - 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								
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	69,199,727		
1956	3,053	4,826	22,670,036	6,286,590	20,558,091	102,038,999		
1957	3,774	5,765	28,233,058	7,254,715	23,517,258	144,563,138		
1958	4,074	5,826	29,698,589	7,527,886	27,761,280	177,046,776		
Alberta								
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	15,689,102	400,305,131		
1957	9,648	9,124	38,552,275	7,349,488	15,154,884	397,962,407		
1958	10,516	8,380	36,098,821	7,476,452	21,422,083	330,629,051		
British Columbia								
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	98,737,589	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	70,946,719	13,522,196	122,272,526	140,863,635		
1958	1,179	13,383	60,071,708	16,151,780	94,442,871	122,230,975		
Northwest Territories								
1954	40	837	4,026,418	730,497	961,253	24,565,743		
1955	49	1,028	5,133,979	1,018,343	1,757,266	21,943,403		
1956	81	1,111	5,679,522	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		
1958	80	1,203	6,862,291	1,688,916	2,337,278	19,490,095		
Yukon								
1954	33	957	5,004,154	812,369	2,377,340	7,949,599		
1955	39	822	4,316,258	763,580	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		
1958	55	723	4,097,107	624,940	1,758,715	6,673,258		
Canada								
1954	21,904	129,445	465,305,873	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	26,937	142,560	566,047,654	144,137,286	960,497,454	1,837,736,871		
1957	29,453	145,464	609,601,823	148,360,703	937,149,887	1,873,614,407		
1958	29,571	139,540	610,499,645	154,654,641	871,740,431	1,817,199,632		

Gross value less cost of fuel, electricity, process supplies, containers, ores, freight and treatment charges.
Includes fuel and electricity used for metallurgical purposes.

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

TABLE 24. Employees and their Earnings in the Mineral Industry, by Industries, 1958

Industry	Employees						Man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total ¹	Office and administrative		Workmen	Total	
	Male	Female	Male	Female						
number										
Metal mining:										
Placer gold	16	5	212	3	236	659,577	123,329	1,130,033	1,253,362	
Gold quartz	1,623	153	14,952	83	16,811	36,846,723	9,362,346	54,845,696	64,208,042	
Copper-gold silver	1,327	184	7,329	35	8,875	18,958,827	7,723,473	32,021,770	39,745,243	
Silver-cobalt	73	5	488	4	570	1,304,033	380,569	1,735,101	2,115,670	
Silver-lead-zinc	728	69	3,630	58	4,485	9,376,231	4,430,151	16,333,704	20,763,855	
Nickel-copper	1,046	51	8,130	16	9,243	17,829,469	7,582,051	39,607,956	47,190,007	
Iron	1,197	128	6,001	78	7,404	15,646,194	7,519,197	28,513,620	36,032,817	
Miscellaneous metals	2,314	225	11,818	18	14,375	33,664,766	13,222,817	65,097,690	78,320,507	
Smelting and refining	4,773	744	21,391	51	26,959	56,197,677	33,398,402	97,682,848	131,081,250	
Total	13,097	1,564	73,951	346	88,958	190,483,497	83,742,335	336,968,418	420,710,753	
Non-metalliferous:										
Asbestos	967	136	5,868	26	6,997	14,156,108	6,304,569	25,720,568	32,025,137	
Feldspar and quartz	66	9	374	1	450	959,688	385,732	1,419,095	1,804,827	
Gypsum	101	10	514	2	627	1,601,214	521,316	1,778,972	2,300,288	
Iron oxides	2	1	13	1	17	23,744	8,740	23,176	31,916	
Mica	1	—	27	—	28	42,821	4,800	40,048	44,848	
Peat	47	22	1,301	77	1,447	2,298,171	214,159	2,270,573	2,484,732	
Salt	137	25	589	44	795	1,627,580	759,864	2,423,381	3,183,245	
Talc and scapstone	9	2	65	—	76	160,622	50,667	162,909	213,576	
Miscellaneous	191	21	1,011	—	1,223	2,580,335	1,052,289	3,753,795	4,806,084	
Total	1,521	226	9,782	151	11,600	23,450,283	9,302,136	37,592,517	46,894,653	
Fuels:										
Coal	1,185	23	11,954	—	13,162	22,788,920	4,055,697	38,194,761	42,250,458	
Natural gas	210	79	1,529	71	1,889	3,937,647	1,245,456	5,770,511	7,015,967	
Petroleum	1,360	235	3,553	27	5,175	12,685,256	9,099,831	17,200,208	26,300,039	
Total	2,755	337	17,036	98	20,226	39,411,823	14,400,984	61,165,480	75,568,464	
Structural materials:										
Cement	421	86	2,917	4	3,428	7,229,836	2,871,960	13,019,600	15,891,560	
Clay products	341	53	3,621	60	4,075	9,608,765	1,869,227	12,977,827	14,847,654	
Lime	103	19	1,046	1	1,169	2,592,508	493,136	3,855,538	4,348,674	
Sand and gravel	425	67	5,446	19	5,957	13,590,930	1,833,978	16,392,021	18,225,999	
Stone	400	41	3,622	4	4,067	9,778,184	1,889,625	12,124,863	14,014,488	
Total	1,690	266	16,632	88	18,696	42,800,223	8,957,926	58,369,849	67,327,775	
Total mineral industry	19,063	2,393	117,401	683	139,540	296,145,826	116,403,381	494,096,264	610,499,645	

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, 1958

Province	Employees						Man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total	Office and administrative		Workmen	Total	
	Male	Female	Male	Female						
number										
Newfoundland	641	54	3,751	63	4,509	9,693,259	3,599,828	14,712,177	18,312,005	
Nova Scotia	913	26	9,268	16	10,223	33,326,405	3,238,728	30,087,677	33,326,405	
New Brunswick	129	20	1,510	24	1,683	5,177,279	676,953	4,500,326	5,177,279	
Quebec	5,056	610	31,241	110	37,017	80,880,749	30,643,382	127,404,927	158,048,309	
Ontario	6,845	772	45,808	156	53,581	114,467,895	42,934,261	201,630,604	244,564,865	
Manitoba	326	63	2,587	36	3,012	14,242,266	2,498,232	11,744,034	14,242,266	
Saskatchewan	1,137	174	4,495	20	5,826	12,711,341	7,175,773	22,522,816	29,698,589	
Alberta	1,535	250	6,510	85	8,390	17,946,628	9,044,943	27,053,878	36,098,821	
British Columbia	2,138	379	10,704	162	13,383	26,261,478	14,399,236	45,672,472	60,071,708	
Northwest Territories	253	30	911	9	1,203	3,231,198	1,571,134	5,291,157	6,862,291	
Yukon	90	15	616	2	723	1,858,049	620,911	3,476,196	4,097,107	
Canada	19,063	2,393	117,401	683	139,540	296,145,826	116,403,381	494,096,264	610,499,645	

TABLE 26. Employees and Salaries and Wages in the Mineral Industry, 1949-58

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
		\$		\$		\$		\$		\$		\$
1949.....	3,807	8,926,150	13,557	32,727,764	1,745	3,310,220	26,471	66,633,847	36,980	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	2,831	10,885,823
1955.....	4,273	14,768,356	11,895	35,221,162	2,221	6,491,864	36,068	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
1958.....	4,509	18,312,005	10,223	33,326,405	1,683	5,177,279	37,017	158,048,309	53,581	244,564,865	3,012	14,242,266
	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
		\$		\$		\$		\$		\$		\$
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	51,117,166	904	3,822,078	695	3,219,555	128,871	397,161,533
1952.....	2,113	8,024,308	12,107	39,677,562	17,820	62,223,703	959	4,106,791	840	4,425,394	134,116	452,976,161
1953.....	2,955	11,346,088	11,313	37,555,287	14,488	53,928,687	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	17,786,069	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
1958.....	5,826	29,698,589	8,380	36,098,821	13,383	60,071,708	1,203	6,862,291	723	4,097,107	139,540	810,499,645

TABLE 27. Employees and Earnings, by Provinces and by Mineral Classes, 1957 and 1958

Province	Metals		Non-metals		Fuels		Structural materials	
	Employees	Earnings	Employees	Earnings	Employees	Earnings	Employees	Earnings
	No.	\$	No.	\$	No.	\$	No.	\$
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	1,802,409	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	7,180,659	9	—	9	59,023	—	—
Yukon.....	776	4,331,807	43,757	—	10	44,013	—	—
Canada.....	92,167	413,308,141	12,310	48,361,030	21,985	81,953,883	19,002	65,978,769
1958								
Newfoundland.....	3,744	15,897,311	210	764,255	—	—	555	1,650,439
Nova Scotia.....	—	—	825	2,818,099	8,912	29,141,211	486	1,367,095
New Brunswick.....	150	656,146	221	410,066	839	2,656,825	473	1,454,242
Quebec.....	22,958	104,711,132	7,569	32,737,029	—	—	6,490	20,600,148
Ontario.....	44,395	208,458,477	1,165	5,054,512	929	3,125,954	7,092	27,925,922
Manitoba.....	1,909	10,248,021	187	502,994	126	636,348	790	2,854,903
Saskatchewan.....	3,568	19,509,944	285	1,194,249	1,613	7,610,496	360	1,383,898
Alberta.....	637	3,248,975	60	210,801	6,482	27,621,348	1,201	5,017,697
British Columbia.....	9,679	47,068,402	1,138	3,202,648	1,317	4,727,227	1,249	5,073,431
Northwest Territories.....	1,200	6,841,756	—	—	3	20,535	—	—
Yukon.....	718	4,070,589	—	—	5	26,518	—	—
Canada.....	88,958	420,710,753	11,660	46,894,653	20,226	75,566,464	18,696	67,327,775

TABLE 28. Wage-earners on the Surface, Underground and in the Mill, 1958

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	1,311	1,693	119	71	81	24	—	—	417	98
Nova Scotia	—	—	—	441	96	143	1,039	7,109	297	159
New Brunswick	40	36	16	136	—	81	496	291	146	292
Quebec	3,310	4,919	10,660	3,287	954	2,196	—	—	3,602	2,423
Ontario	8,976	18,750	10,316	241	290	406	795	—	3,002	3,188
Manitoba	596	610	419	92	19	57	95	—	384	351
Saskatchewan	917	1,117	858	84	2	145	1,115	—	60	217
Alberta	—	—	401	—	—	44	4,047	1,083	396	624
British Columbia	833	1,890	4,978	765	16	242	296	762	608	476
Northwest Territories	318	424	176	—	—	—	2	—	—	—
Yukon	301	273	40	—	—	—	2	2	—	—
Canada, 1958	16,602	29,712	27,983	5,117	1,458	3,338	7,887	9,247	8,912	7,828
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	15,540	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

¹ Includes asbestos, salt, gypsum, etc.² Includes non-ferrous smelters and refineries.

TABLE 29. Administration and Office Employees at Places in Canada, Except at Mine or Plant, 1958

Plant location	Average number of employees			Salaries and wages
	Male	Female	Total	
Newfoundland	15	7	22	\$ 106,155
Nova Scotia	1,538	26	1,564	5,991,982
New Brunswick	40	19	59	279,021
Quebec	764	238	1,002	5,405,567
Ontario	529	236	765	3,992,943
Manitoba	37	12	49	272,017
Saskatchewan	162	52	214	1,182,733
Alberta	3,931	1,294	5,225	29,514,712
British Columbia	133	46	179	1,053,367
Northwest Territories	8	7	15	95,733
Yukon	95	4	99	655,680
Canada	7,252	1,941	9,193	48,549,910

Note: 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, 1958

Industry	Average number of employees			Salaries and wages
	Male	Female	Total	
Metal mining, smelting and refining ¹	977	280	1,257	\$ 7,417,528
Fuels	5,728	1,455	7,183	37,329,745
Non-metallic mining	152	68	220	1,259,356
Structural materials and clay products	395	138	533	2,543,359
Total	7,252	1,941	9,193	48,549,910

¹ Iron and steel plants are excluded.

TABLE 31. Cost of Prospecting Conducted by Metal Mining Companies, 1955-58

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 ^{1,2}	Total metal mining
dollars								
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	690,365	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	—	268,064	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	—	30,269	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	34,282	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	1,608,984	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	6,162,399	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	17,545,591	9,065	2,781,917	12,220,660	18,421,466	54,424,419
1958								
Newfoundland	—	51,330	19,786	—	321,269	—	380,039	772,424
Nova Scotia	—	24,065	33,563	—	50,430	—	3,860	111,918
New Brunswick	—	175,810	299,803	—	44,806	13,971	26,526	560,916
Quebec	—	671,523	2,140,416	—	203,955	114,873	2,957,702	6,088,469
Ontario	—	850,371	1,616,780	10,396	50,323	3,628,819	984,136	7,140,825
Manitoba	—	110,550	3,009,460	—	11,421	9,051,804	102,957	12,286,192
Saskatchewan	—	30,416	454,615	—	52,125	400,558	57,710	995,424
Alberta	—	—	52	—	30,287	—	—	30,339
British Columbia	9,004	221,837	1,965,080	—	384,890	2,060	44,433	2,627,304
Northwest Territories	—	83,929	488,649	—	65,932	673,862	116,247	1,428,619
Yukon	82,457	26,529	211,291	—	135,627	8,752	—	464,656
Canada	91,461	2,246,360	10,239,495	10,396	1,351,065	13,894,699	4,673,610	32,507,086

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.

¹ Includes iron, uranium, molybdenum, etc.

TABLE 32. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and Industries, 1957

TABLE 32. 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	30	—	—	—	—	—	—	56,472	21,252,600	6,523,800	1
50,432	464	—	—	—	—	—	—	—	—	48,929	2
2,682,233	17,189	1,961	2,300	—	77,314	860,060,935	4,780,909	—	51,136,173	3,145,954	3
575,149	206,108	873	1,418	—	—	5,208,815	31,989	6,771,886	—	62,258	4
6,425,542	741	163,779	5,392	—	—	484,996,702	—	—	79,851,848	868,000	5
1,336,028	10,302	47,177	4,042	—	24,005	3,004,520	—	4,942,600	—	12,568	6
67,547	95	1,345	—	—	—	18,976,630	—	—	—	—	7
16,094	1,354	675	—	—	37,952	136,234	—	256,694	—	—	8
3,205,397	559	21,259	—	1,000	—	176,311,559	—	—	195,589,987	16,176	9
716,312	12,985	14,172	—	375	—	1,655,899	—	2,992,834	—	100	10
5,849,116	160	50,451	—	—	—	467,652,205	—	—	33,096,600	1,801,000	11
1,026,618	1,450	31,345	—	—	—	2,257,584	—	3,810,592	—	45,924	12
11,405,403	—	43,773	—	—	—	557,934,682	—	—	57,428,500	—	13
1,797,968	—	27,767	—	—	27,860	3,970,524	—	6,218,370	—	—	14
13,292,876	2,753	102,920	660	—	—	252,187,866	—	—	107,409,369	1,482,340	15
2,842,527	7,679	60,498	141	—	—	2,041,199	—	6,539,935	—	25,273	16
67,971,634	2,607	57,873	163,318	1,660,195	—	2,440,821,497	11,227,421,451	—	1,036,648,202	—	17
7,588,700	51,367	21,497	100,728	219,348	21,604	8,020,173	24,153,959	59,474,791	—	—	18
111,150,439	24,134	443,361	171,670	1,661,195	—	5,258,942,076	11,232,202,360	—	1,582,413,279	13,837,270	19
15,949,828	331,709	204,004	106,329	219,723	188,735	26,294,948	24,185,948	91,063,174	—	195,052	20
11,149,624	4,136	20,430	—	—	530	422,839,094	—	—	7,759,980	—	21
1,916,164	58,084	13,660	—	—	—	3,197,971	—	6,008,420	—	—	22
903,666	22	2,700	—	—	—	16,655,181	—	—	1,591,500	—	23
153,909	117	1,690	—	—	—	181,839	—	373,304	—	—	24
782,433	—	—	—	—	—	15,934,602	—	—	24,000	—	25
147,564	—	—	—	—	—	232,170	—	468,366	—	—	26
4,890	—	—	—	—	—	215,120	—	—	—	—	27
5,500	—	—	—	—	—	3,433	—	22,402	—	—	28
2	—	—	—	—	—	91,490	—	—	—	—	29
1	—	—	—	—	—	2,070	—	5,585	—	—	30
60,932	10	—	90	—	—	2,512,543	—	—	—	—	31
8,420	110	—	36	—	—	65,776	—	182,987	—	—	32
3,808,288	—	—	—	631,471	—	18,389,537	—	—	10,871,760	49,400	33
399,018	—	—	—	97,735	—	173,315	—	1,141,665	—	648	34
17,431	100	—	—	—	—	1,380,150	—	—	—	—	35
3,461	400	—	—	—	—	27,735	—	35,427	—	—	36
6,455,384	22	2,875	251,502	503,224	—	56,914,671	—	—	5,781,674	56,982	37
814,688	180	943	59,182	125,487	—	593,394	—	1,909,893	—	1,709	38
23,189,726	4,290	26,005	251,592	1,134,695	—	534,932,388	—	—	26,028,914	106,382	39
3,445,795	58,891	16,293	59,218	223,222	530	4,477,703	—	10,148,049	—	2,357	40
1,550,673	103	35,494	1,500	—	—	242,923,437	6,748,342	—	7,795,670	275,595	41
334,109	1,059	5,377	550	—	—	3,458,153	91,386	4,862,774	—	5,511	42
40,739	—	13,530	—	557,582	—	2,570,458	—	—	—	—	43
7,827	—	2,430	—	100,363	—	55,210	—	346,023	—	—	44
3,794,239	1,433	139,887	—	8,377,150	—	75,624,990	—	—	5,059,791	—	45
770,263	12,875	34,847	—	763,049	—	2,193,993	—	5,624,428	—	—	46
5,385,631	1,536	188,911	1,500	8,934,732	—	321,118,885	6,748,342	—	12,855,461	275,595	47
1,112,199	13,934	42,654	550	863,412	—	5,707,356	91,386	10,833,225	—	5,511	48
19,679,581	20,695	62,252	—	2,424,055	—	62,213,022	—	—	2,820	—	49
2,185,100	198,551	33,243	—	576,367	1,523	779,135	—	6,020,971	—	—	50
20,832,665	—	531	—	4,396,154	—	699,492,416	—	—	1,549,930	—	51
1,943,452	—	270	—	689,242	—	4,415,242	—	19,692,658	—	—	52
1,693,757	13,857	1,995	989,330	166,030	—	30,195,969	—	—	2,232,000	—	53
194,260	110,021	399	138,876	36,314	78,480	292,943	—	4,154,766	—	—	54
4,991,390	18	18,372	—	3,100	—	23,833,310	—	—	63,900	—	55
1,030,256	152	9,439	—	310	667	464,843	—	3,498,423	—	—	56
3,440,717	534	3,900	8,700	35,211	—	84,430,646	—	—	1,467,600	—	57
776,902	3,960	2,124	308	6,021	—	1,234,484	—	2,949,437	—	—	58
50,638,110	35,104	87,050	998,030	7,024,550	80,670	900,165,363	—	—	5,316,250	—	59
6,129,970	312,784	45,475	139,184	1,308,254	—	7,186,647	—	36,316,255	—	—	60
190,363,926	65,064	745,327	1,422,792	18,755,172	2,614,611	269,935	7,015,158,712	11,238,950,702	1,626,613,904	14,219,247	61
26,637,792	717,318	308,426	305,281	—	—	43,666,654	24,277,334	148,360,703	—	202,920	62

TABLE 33. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and Industries, 1958

No.	Industry	Bituminous coal		Sub-bituminous coal	Anthracite coal	Lignite coal	Coke	Gasoline	Kerosene
		Canadian	Imported						
tons									
									Imp. gal.
Metal mining									
1	Placer gold	135	—	—	—	—	—	52,401	75
2		\$ 4,304	—	—	—	—	—	22,208	25
3	Gold quartz	2,793	20,825	2,285	1,163	12	11	357,166	63,314
4		\$ 49,957	324,903	51,989	20,529	226	505	156,991	49,155
5	Copper-gold-silver	6,018	1,100	101	514	—	91	346,992	8,786
6		\$ 104,722	19,150	2,196	5,218	—	2,502	131,546	2,888
7	Silver-cobalt	—	932	—	506	—	—	53,103	—
8		\$ —	16,489	—	11,879	—	—	21,925	—
9	Silver-lead-zinc	17,887	5,370	—	2	472	—	168,912	1,360
10		\$ 226,625	101,425	—	183	8,213	—	69,523	469
11	Nickel-copper	17,281	1,984	—	92	—	—	171,301	6,521
12		\$ 237,120	31,638	—	2,162	—	—	69,272	1,828
13	Iron	2,132	579	—	5,443	—	3,523	1,039,591	44,813
14		\$ 38,471	10,960	—	69,490	—	31,684	478,720	16,686
15	Miscellaneous metals	20,729	102,834	—	30	20	3	852,369	394,615
16		\$ 351,650	1,663,159	—	450	864	30	335,468	48,428
17	Smelting and refining	418,661	305,577	9	53,867	—	225,352	774,703	33,011
18		\$ 5,828,773	3,758,530	135	761,553	—	5,070,644	269,579	9,792
19	Total	485,636	439,201	2,395	61,617	504	228,980	3,816,538	552,495
20		\$ 6,841,622	5,926,254	54,320	871,464	9,303	5,105,365	1,555,232	129,271
Non-metal mining									
21	Asbestos	8,312	9,433	—	19,736	—	—	441,509	10,539
22		\$ 116,010	139,547	—	330,011	—	—	155,876	2,952
23	Feldspar, quartz, nepheline	4	—	—	6	—	—	114,685	3,360
24		\$ 90	—	—	177	—	—	45,836	1,344
25	Gypsum	252	6,004	—	—	—	—	68,539	12
26		\$ 3,433	79,297	—	—	—	—	23,534	3
27	Iron oxides	—	598	—	—	—	—	2,400	—
28		\$ —	10,554	—	—	—	—	876	—
29	Mica	103	—	—	—	—	—	2,425	—
30		\$ 2,018	—	—	—	—	—	1,071	—
31	Peat	3,607	—	—	—	—	—	162,795	13,593
32		\$ 36,340	—	—	—	—	—	57,509	5,184
33	Salt	16,861	25,175	—	—	—	—	20,525	337
34		\$ 183,974	253,381	—	—	—	—	5,710	87
35	Talc, soapstone	—	—	—	—	—	—	11,132	—
36		\$ —	—	—	—	—	—	4,473	—
37	Miscellaneous	1,600	—	—	—	37,234	—	217,778	9,761
38		\$ 24,200	—	—	—	174,632	—	79,726	2,749
39	Total	30,739	41,210	—	19,742	37,234	—	1,041,788	37,602
40		\$ 366,065	482,779	—	330,188	174,632	—	374,611	12,319
Mineral fuels									
41	Coal	111,204	—	307	—	17,878	186	649,863	7,576
42		\$ 928,968	—	1,129	—	22,606	3,873	251,111	1,769
43	Natural gas	—	—	750	—	—	—	1,020,079	33,175
44		\$ —	—	1,875	—	—	—	366,269	8,487
45	Petroleum	889	—	141	—	4,000	—	4,064,035	115,395
46		\$ 10,752	—	885	—	21,000	—	1,611,772	47,107
47	Total	112,093	—	1,198	—	21,878	186	5,733,977	156,146
48		\$ 939,720	—	3,889	—	43,606	3,873	2,229,152	57,363
Structural materials									
49	Clay products	19,375	117,061	416	58	1,345	521	869,448	1,349
50		\$ 283,678	1,660,674	3,746	1,704	7,654	8,840	292,019	207
51	Cement	521,552	548,293	—	—	—	55	237,064	17,500
52		\$ 5,804,183	5,766,789	—	—	—	2,161	69,360	4,564
53	Lime	22,725	163,420	3,978	6,232	6,126	31,449	1,863,512	191
54		\$ 298,219	2,120,139	32,571	100,115	35,255	630,703	737,360	51
55	Sand and gravel	639	2,269	754	43	—	1	6,070,312	4,661
56		\$ 9,849	28,993	1,515	895	—	25	2,156,176	1,362
57	Stone	1,430	1,483	—	50	—	674	2,379,854	712
58		\$ 22,192	22,973	—	957	—	10,918	874,133	164
59	Total	565,721	832,526	5,148	6,383	7,471	32,700	11,420,190	24,411
60		\$ 6,418,121	9,599,568	37,832	103,671	42,909	652,647	4,129,048	6,348
61	Grand total, 1958	1,194,189	1,312,937	8,741	87,742	67,087	261,866	22,012,493	770,656
62		\$ 14,565,528	16,008,601	96,041	1,305,323	270,450	5,761,885	8,288,043	205,301

TABLE 33. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and Industries, 1958

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.				
65,750	772	3	—	—	4,000	—	—	18,276,580	6,645,700	1	
20,173	16,255	2	—	—	40	—	63,007	—	53,166	2	
3,438,683	12,465	10,753	3,660	—	885,271,125	8,712,897	—	51,064,006	4,856,035	3	
649,673	147,793	4,270	1,640	—	5,562,151	25,914	7,134,399	—	81,353	4	
5,408,420	1,759	51,149	1,743	—	521,530,087	—	—	50,303,450	—	5	
1,034,948	15,326	21,552	1,551	—	3,058,394	—	4,428,653	—	—	6	
84,547	26	1,008	—	—	17,808,468	—	—	60,480	—	7	
18,496	357	1,050	—	—	135,606	—	241,027	—	—	8	
2,164,433	19	9,723	—	—	128,598,586	14,249,440	—	193,854,374	62,130	9	
447,123	224	4,436	—	—	1,294,448	56,176	2,208,845	—	400	10	
4,525,492	—	43,206	—	—	491,858,301	—	—	36,214,880	1,989,000	11	
715,084	—	16,572	—	—	1,917,124	—	2,990,800	—	52,663	12	
12,281,832	—	31,153	864	—	583,925,918	—	—	4,824,551	—	13	
2,077,217	—	13,012	604	—	4,013,296	—	6,750,140	—	—	14	
13,513,533	3,169	90,791	7,850	144,231	—	1,875,280,014	—	123,738,635	2,049,000	15	
2,793,980	74,518	36,487	3,390	24,159	—	3,960,569	—	—	27,692	16	
72,425,670	2,476	45,168	117,354	1,909,312	—	3,565,553,882	11,515,675,713	—	33,201,800	17	
7,326,409	53,753	16,816	78,420	249,789	16,526	11,316,974	28,764,705	63,522,398	—	83,868	18
113,908,360	20,686	282,954	131,471	2,053,543	—	8,069,830,381	11,538,638,050	—	48,803,665	19	
15,083,103	308,226	114,197	85,605	273,948	169,114	31,258,602	28,846,795	96,632,421	—	299,142	20
11,602,016	3,263	16,810	—	—	384,812,405	—	—	8,747,400	—	21	
1,847,502	48,950	13,581	—	—	3,086,086	—	5,740,515	—	—	22	
1,023,499	43	2,115	—	—	17,593,322	—	—	1,535,088	—	23	
171,259	385	1,432	—	—	168,485	—	389,008	—	—	24	
716,870	—	435	—	292	—	16,505,100	—	—	24,000	—	25
112,202	—	148	—	38	—	204,509	—	424,164	—	—	26
1,010	—	—	—	—	—	147,456	—	—	—	—	27
815	—	—	—	—	—	2,673	—	14,718	—	—	28
—	—	—	—	—	—	86,352	—	—	—	—	29
—	—	—	—	—	—	1,950	—	5,039	—	—	30
78,514	10	—	—	—	—	4,052,703	—	—	—	—	31
11,541	50	—	—	—	—	67,352	—	180,976	—	—	32
3,447,713	—	—	—	659,374	—	22,214,705	—	—	10,271,430	146,800	33
334,480	—	—	—	109,187	—	182,796	—	1,069,615	—	2,068	34
12,836	100	—	—	—	—	1,367,107	—	—	—	—	35
2,702	400	—	—	—	—	28,458	—	36,033	—	—	36
5,945,627	24	2,221	170,189	884,073	—	56,551,376	—	—	5,966,617	49,734	37
588,132	246	777	40,199	187,170	—	583,610	—	1,681,441	—	1,365	38
22,828,985	3,440	21,581	170,189	1,543,739	—	503,330,526	—	—	26,544,535	196,534	39
3,072,433	50,031	15,938	40,199	296,395	—	4,325,919	—	9,541,509	—	3,433	40
1,239,790	102	26,524	6,520	—	—	234,099,956	7,011,753	—	6,052,616	—	41
246,450	3,030	5,137	2,181	—	—	3,379,066	121,857	4,967,177	—	—	42
141,601	—	5,684	—	435,883	—	3,890,231	—	—	—	—	43
27,373	—	1,140	—	195,934	—	85,901	—	686,979	—	—	44
4,465,136	—	622,672	—	6,350,676	—	86,100,073	—	—	7,957,270	—	45
907,431	—	215,201	—	476,948	—	2,425,489	—	5,716,585	—	—	46
5,846,527	102	654,880	6,520	6,786,559	—	324,090,260	7,011,753	—	14,009,886	—	47
1,181,254	3,030	221,478	2,181	672,882	—	5,890,456	121,857	11,370,741	—	—	48
19,425,121	20,068	41,313	—	3,839,940	—	68,322,727	—	—	52,650	—	49
1,993,883	192,507	26,302	—	1,141,476	409	844,040	—	6,457,139	—	—	50
12,233,757	—	4,314	—	7,142,567	—	721,827,507	—	—	1,377,830	—	51
1,105,176	—	1,282	—	1,662,107	—	4,595,386	—	19,009,008	—	—	52
1,231,967	15,209	2,176	799,000	222,785	—	30,232,061	—	—	4,021,000	—	53
146,500	118,676	449	203,242	79,509	10,307	352,140	—	4,865,236	—	—	54
5,005,549	975	103,715	—	37,520	—	24,553,976	—	—	585,975	—	55
1,049,324	6,887	18,463	—	5,642	490	553,222	—	3,832,843	—	—	56
4,056,782	603	1,192	4,954	30,053	—	86,344,284	—	2,945,744	1,747,072	—	57
721,964	3,532	498	149	5,808	—	1,282,456	—	—	—	—	58
40,953,176	36,855	152,710	803,954	11,272,865	—	931,280,555	—	—	7,784,527	—	59
5,014,847	321,602	46,994	203,391	2,894,542	11,206	7,627,244	—	37,109,970	—	—	60
183,537,048	61,083	1,112,125	1,112,134	21,656,706	—	9,828,531,722	11,545,649,803	—	1,565,130,653	49,000,199	61
24,351,637	682,889	398,607	331,376	4,137,767	180,320	49,192,221	28,968,652	154,654,641	—	302,575	62

TABLE 34. 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	133,255
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 35. Fuel and Electricity Used in the Mineral Industry, in Canada, by Kinds and by Provinces, 1958

No.	Provinces	Bituminous coal		Sub-bituminous coal	Anthracite coal	Lignite coal	Coke	Gasoline	Kerosene	Fuel oil
		Canadian	Imported							
tons										
1	Newfoundland	2,553	2,821	—	—	—	55	306,842	1,724	7,699,211
2		\$ 44,988	70,647	—	—	—	2,161	148,221	518	1,075,259
3	Nova Scotia	89,678	—	—	—	—	186	317,993	5,171	2,243,605
4		\$ 997,241	—	—	—	—	3,873	114,872	1,161	295,634
5	New Brunswick	37,125	—	—	—	—	—	385,663	1,338	1,879,163
6		\$ 432,704	—	—	—	—	—	123,268	351	278,405
7	Quebec	613,449	58,577	—	80,672	—	1,719	3,738,891	45,068	89,237,400
8		\$ 7,425,411	895,254	—	1,201,747	—	32,905	1,458,530	14,623	9,776,912
9	Ontario	74,641	1,242,268	—	7,017	32	197,267	9,464,655	478,327	47,254,674
10		\$ 1,050,510	14,879,820	—	102,619	1,090	4,161,648	3,519,633	75,389	6,563,552
11	Manitoba	28,278	9,264	2,388	—	6,833	1,984	570,992	3,705	3,492,668
12		\$ 413,786	162,552	52,516	—	39,341	44,640	211,733	1,087	385,760
13	Saskatchewan	116,602	—	479	—	59,750	65	1,457,398	7,407	12,147,937
14		\$ 1,637,502	—	5,372	—	221,806	1,471	575,045	2,010	2,387,385
15	Alberta	32,758	—	5,851	20	—	—	4,155,182	154,203	4,671,487
16		\$ 138,277	—	37,579	280	—	—	1,553,063	56,838	949,147
17	British Columbia	195,190	7	10	32	472	60,590	1,515,688	15,091	10,946,820
18		\$ 2,333,854	328	200	633	8,213	1,515,187	535,120	5,878	1,860,560
19	Northwest Territories	—	—	13	1	—	—	52,280	58,612	3,862,318
20		\$ —	—	374	44	—	—	28,218	47,441	747,164
21	Yukon	3,915	—	—	—	—	—	46,909	10	101,762
22		\$ 91,255	—	—	—	—	—	20,340	5	31,839
23	Canada, 1958	1,194,189	1,312,937	8,741	87,742	67,087	261,866	22,012,493	770,656	183,537,048
24		\$ 14,565,528	16,008,601	96,041	1,303,323	270,450	5,761,885	8,288,043	205,301	24,351,637

TABLE 34. 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.	For own use	For sale	
—	—	—	—	—	84,270,891 861,754	—	1,885,222	33,938,064 —	56,982 1,709	1 2
101 1,039	—	96,402 30,884	—	—	173,136,623 2,520,921	285,532 4,574	3,677,795	6,399,560 —	— —	3 4
7,238 74,065	4,910 4,940	—	3,683 2,261	—	61,115,455 1,015,245	—	2,108,384	96,000 —	— —	5 6
10,388 112,658	171,234 73,805	1,169,040 245,372	—	74,369	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 8
29,005 285,154	259,280 129,034	155,350 28,425	970,931 518,833	87,036	3,228,954,380 18,282,213	157,394,620 770,013	53,616,842	13,158,318 —	— —	9 10
1,940 20,800	30,171 8,603	—	—	—	205,695,671 984,921	745,000 10,961	3,690,537	56,347,230 —	1,801,000 45,924	11 12
244 3,569	28,320 13,185	500 50	2,206,297 323,602	—	412,264,304 1,662,945	97,430 1,517	7,254,715	96,843,800 —	1,301,300 18,999	13 14
1,428 12,850	192,147 48,164	1,500 550	15,542,518 1,767,963	667	216,062,502 3,016,303	448,500 5,081	7,349,468	35,073,981 —	324,995 6,159	15 16
10,418 128,034	57,605 28,881	—	31,743 1,952	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 18
3,761 1,814	1,660 1,814	—	—	—	48,201,247 736,891	2,375,520 10,689	1,536,319	40,227,629 —	2,113,009 34,284	19 20
541 13,328	—	—	—	—	15,263,115 418,012	—	749,584	21,769,982 —	6,523,800 48,929	21 22
65,064 717,318	745,327 308,426	1,422,792 305,281	18,755,172 2,614,611	269,935	7,015,158,712 43,666,654	11,238,950,702 24,277,334	148,360,703	1,626,613,904 —	14,219,247 202,920	23 24

TABLE 35. Fuel and Electricity Used in the Mineral Industry, In Canada, by Kinds and by Provinces, 1958

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.	For own use	For sale	
—	66	—	—	—	79,306,230 844,233	—	2,186,071	37,166,618 —	49,734 1,365	1 2
—	44	—	—	—	—	—	—	—	—	—
117 3,096	105 64	63,429 22,729	—	—	176,947,273 2,481,548	323,100 5,484	3,925,702	5,775,830 —	— —	3 4
7,847 77,123	3,959 2,146	6,420 2,141	2,972 2,972	—	46,381,697 893,777	—	1,812,887	96,000 —	— —	5 6
9,770 107,839	88,452 36,374	926,711 285,002	34,942 3,613	86,594	3,688,893,924 16,205,695	8,273,762,298 20,480,735	58,011,234	58,590,281 —	33,825,864 91,734	7 8
29,383 281,111	306,317 108,919	115,474 21,464	2,290,545 1,031,289	82,520	4,656,640,955 19,655,547	103,159,179 554,859	52,089,970	14,134,025 —	— —	9 10
2,487 23,487	24,260 7,889	—	2,349,220 799,812	—	190,858,455 1,004,865	6,912,500 11,335	3,158,803	31,669,830 —	1,989,000 52,663	11 12
121 747	38,852 11,028	—	2,729,086 565,871	—	452,296,922 2,119,649	—	7,527,886	112,200,066 —	2,049,000 27,692	13 14
2 30	624,888 214,088	100 40	12,251,455 1,473,082	490	209,368,734 3,022,255	289,365 31,283	7,476,452	37,867,606 —	146,800 2,068	15 16
6,681 86,045	23,477 15,843	—	1,998,486 261,128	10,716	259,266,237 1,686,464	3,147,125,188 7,831,611	16,151,780	1,211,142,537 —	532,835 12,638	17 18
3,935 7,416	1,740 957	—	—	—	52,827,535 774,957	145,933 2,345	1,688,916	38,211,280 —	3,761,266 61,249	19 20
740 15,095	2,609 1,255	—	—	—	15,743,760 413,231	13,932,240 51,000	624,940	18,276,580 —	6,645,700 53,166	21 22
61,083 682,889	1,112,125 398,607	1,112,134 331,376	21,656,706 4,137,767	180,320	9,828,531,722 49,102,221	11,545,649,803 28,968,652	154,654,641	1,565,130,653 —	49,000,199 302,575	23 24

TABLE 36. Power Equipment Used in the Mineral Industry in Canada by Types and by Industries, 1958

Industry	Steam engines	Steam turbines	Diesel engines	Gasoline, gas, and oil engines	Hydraulic turbines, water wheels	Total	Electric motors
horsepower							
Metal mining							
Placer	A. —	—	295	195	15,000	15,490	—
	B. —	—	1,485	345	150	1,980	...
Gold quartz	A. 200	964	13,582	2,172	12,687	29,605	21,122
	B. 12	109	1,831	2,768	100	4,820	255,077
Copper-gold-silver	A. —	—	16,587	412	12,250	29,249	4,698
	B. —	1,200	1,185	766	3,000	6,151	160,714
Silver-cobalt	A. —	—	160	—	—	160	48
	B. —	—	270	200	—	470	5,032
Silver-lead-zinc	A. —	6,000	6,452	2,000	3,800	18,252	4,324
	B. 150	—	4,699	1,535	—	6,384	78,873
Nickel-copper	A. —	—	7,070	—	14,000	21,070	5,281
	B. —	—	400	40	—	440	214,199
Iron	A. —	—	7,656	3,029	12,000	22,685	11,300
	B. —	—	55,100	12,720	—	67,820	167,538
Miscellaneous metals	A. 65	1,500	31,584	462	—	33,611	25,602
	B. —	397	8,961	1,565	—	10,923	161,763
Smelting and refining	A. 250	36,753	7,700	953	—	45,656	100,575
	B. —	6,705	1,200	11,164	—	19,069	823,541
Total	A. 515	45,217	91,086	9,223	69,737	215,778	172,950
	B. 162	8,411	75,131	31,103	3,250	118,057	1,866,737
Non-metal mining							
Asbestos	A. —	3,500	2,235	720	—	6,455	1,446
	B. 300	—	12,446	4,009	—	16,755	184,890
Feldspar, quartz, nepheline	A. —	—	3,370	357	—	3,727	68
	B. —	—	2,087	1,388	—	3,475	10,087
Gypsum	A. —	—	8,866	—	—	8,866	6,482
	B. —	—	720	10,050	300	11,070	6,089
Iron oxides	A. —	—	—	—	—	—	—
	B. —	—	45	85	—	130	113
Mica	A. —	—	—	—	—	—	—
	B. —	—	—	20	—	20	7
Peat	A. —	—	—	250	—	250	673
	B. —	—	901	1,797	16	2,714	1,209
Salt	A. 700	2,967	567	22	—	4,256	—
	B. 527	1,155	1,760	836	—	4,278	12,565
Talc and soapstone	A. —	—	—	—	—	—	—
	B. —	—	1,320	—	—	1,320	1,666
Miscellaneous	A. —	—	3,245	—	—	3,245	1,200
	B. —	90	2,804	913	—	3,807	24,351
Total	A. 700	6,467	18,283	1,349	—	26,799	9,996
	B. 827	1,243	22,083	19,098	316	43,569	241,036
Mineral fuels							
Coal	A. 2,400	1,800	2,317	598	—	7,115	11,550
	B. 4,995	410	20,890	14,395	—	40,690	152,664
Natural gas	A. —	—	1,850	865	—	2,715	—
	B. —	—	655	10,201	—	10,856	2,339
Petroleum	A. —	184	6,061	3,976	—	10,221	200
	B. —	2,033	43,074	40,656	—	85,763	44,926
Total	A. 2,400	1,984	10,228	5,439	—	20,051	11,750
	B. 4,995	2,443	64,819	65,252	—	137,309	199,929
Structural materials							
Clay products	A. —	—	295	50	—	345	185
	B. —	—	2,161	4,037	—	6,198	30,551
Cement	A. —	—	168	100	—	268	1,540
	B. 200	—	1,615	605	—	2,420	280,298
Lime	A. —	—	3,096	2,753	—	5,849	42
	B. —	—	2,373	1,938	—	4,311	15,995
Sand and gravel	A. 30	—	785	60	—	875	—
	B. 124	—	58,220	33,588	—	91,932	18,812
Stone	A. —	—	1,098	753	—	1,851	301
	B. 1,511	3,235	41,424	23,699	120	69,989	73,521
Total	A. 30	—	5,442	3,716	—	9,188	2,068
	B. 1,835	3,235	105,793	63,867	120	174,850	419,177
Grand total, 1958	A. 3,645	53,668	125,039	19,727	69,737	271,816	196,764
	B. 7,819	15,334	267,626	179,320	3,686	473,785	2,726,879

Notes: A. Driving generators.
B. Not driving generators.

TABLE 37. Power Equipment Used in the Mineral Industry in Canada by Types and by Provinces, 1958

Province		Steam engines	Steam turbines	Diesel engines	Gasoline, gas and oil engines	Hydraulic turbines, water-wheels	Total	Electric motors
horsepower								
Newfoundland	A.	—	—	8,029	23	7,403	15,455	3,820
	B.	—	—	21,907	2,638	—	24,545	14,185
Nova Scotia	A.	1,600	800	9,297	—	—	11,697	7,899
	B.	1,515	—	6,464	12,230	300	20,509	102,838
New Brunswick	A.	—	—	1,554	32	—	1,586	2,355
	B.	90	—	9,270	7,635	—	16,995	21,679
Quebec	A.	65	21,700	21,457	3,537	10,847	57,606	20,796
	B.	974	2,450	83,591	36,450	—	123,465	747,179
Ontario	A.	480	6,517	30,164	4,915	800	42,876	100,686
	B.	836	5,469	66,279	38,968	100	111,652	1,072,545
Manitoba	A.	—	1,260	4,356	300	14,000	19,916	9,278
	B.	180	—	4,669	3,027	—	7,676	48,775
Saskatchewan	A.	—	6,740	15,251	398	—	22,389	41,265
	B.	1,240	239	12,369	11,501	—	25,349	60,023
Alberta	A.	1,500	7,151	7,997	4,723	—	21,371	3,513
	B.	150	6,766	36,885	51,110	—	94,911	118,443
British Columbia	A.	—	9,500	16,311	5,623	16,987	48,421	7,152
	B.	2,834	410	22,800	15,349	3,136	44,529	529,949
Northwest Territories	A.	—	—	9,187	176	4,700	14,063	—
	B.	—	—	627	347	—	974	8,863
Yukon	A.	—	—	1,436	—	15,000	16,436	—
	B.	—	—	2,765	65	150	2,980	2,400
Canada, 1958	A.	3,645	53,668	125,039	19,727	69,737	271,816	196,764
	B.	7,819	15,334	267,626	179,320	3,686	473,785	2,726,879

Note: A. Driving generators.

B. Not driving generators.

ERRATA

Some revisions have been made in the 1958 statistics on the mineral industries since the publication of the separate industry reports in this series. These are as follows:

Smelting and refining industry:

Page G-5, Table 4, line 3. Bituminous coal (a) From Canadian mines, short ton "386,337, \$5,440,773" should read "418,661, \$5,828,773". The next line (b) Imported, short ton "337,901, \$4,146,530" should read "305,577, \$3,758,330".

Coal mining industry:

Page H-94, Table 165, Liquefied petroleum gases, New Brunswick should read "424" gallons instead of "24". Canada quantity should read "26,524" instead of "26,124". Other manufactured gas, New Brunswick quantity should read "6,420 M cu. ft. instead of "66,420". Alberta quantity should read "1000" instead of "1", Canada quantity should read "6,520" M cu. ft. instead of "66,421" M. cu. ft. Electricity purchased (kwh.) Nova Scotia quantity should read "157,611,915" instead of "57,611,915". Canada quantity should read "241,111,709" instead of "141,111,709".

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