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CANADA

GENERAL REVIEW OF THE MINING INDUSTRY

1955

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GENERAL REVIEW OF THE MINING INDUSTRY
1955

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NOTICE

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

Volume I consists of the following parts:

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

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

A – General Review of the Mining Industry, 50¢
B – The Gold Mining Industry, 50¢
C – The Silver-Lead-Zinc Mining Industry, 25¢
D – The Nickel-Copper Mining, Smelting and Refining Industry, 25¢
E – The Miscellaneous Metal Mining Industry, 25¢
F – The Smelting and Refining Industry, 25¢
G – The Coal Mining Industry, $1.00
H – The Crude Petroleum and Natural Gas Industry, 25¢
I – The Asbestos Mining Industry, 25¢
J – The Feldspar and Quartz Mining Industry, 25¢
K – The Gypsum Industry, 25¢
L – The Peat Industry, 25¢
M – The Salt Industry, 25¢
N – The Talc and Soapstone Industry, 25¢
O – The Miscellaneous Non-metal Mining Industry, 25¢
P – The Cement Manufacturing Industry, 25¢
Q – The Clay and Clay Products Industry, 25¢
R – The Lime Industry, 25¢
S – The Sand and Gravel Industry, 25¢
T – The Stone Industry, 25¢
U – Contract Drilling in the Mining Industry, 25¢

GENERAL REVIEW OF THE MINING INDUSTRY

1955

For the past decade the annual announcements of the total value of Canada's mineral production have stated that a new high had been reached or previous records had been broken. These phrases can be repeated when reviewing the mineral production during 1955. The total value was $1,795,310,796 in 1955, an increase of 20.6 per cent over the valuation of $1,488,382,091 in the preceding year. Some of the major gains were in the following commodities: petroleum, $62 millions; iron ore, $51 millions; copper, $64 millions; nickel, $35 millions; zinc, $28 millions and asbestos $10 millions.

The value of metals exceeded a billion dollars in 1955. The physical volume increase of some of the major metals were: copper, up 7.7 per cent to 325,994 tons; gold, up 4.0 per cent to 4,541,962 troy ounces; iron ore, up 121.2 per cent to 16,283,177 tons; nickel, up 8.4 per cent to 174,928 tons; zinc, up 15.1 per cent to 433,357 tons and the platinum group metals, up 11.9 per cent to 384,746 troy ounces. There were decreases in the physical volume of lead, down 7.2 per cent to 202,763 tons; silver, down 10.1 per cent to 27,984,204 troy ounces and tungsten (WO_3), down 10.5 per cent to 2,754 tons. Those metals which exceeded 100 million dollars in value of output were: copper, $239,756,455; nickel, $215,866,007; gold, $156,788,528; zinc, $118,306,466 and iron ore, $110,435,850. The combined value of these fine commodities was about 84 per cent of the total value of all the metals. The products of the uranium refinery were valued at $26,031,604, which was about the same as in 1954. The production was slowed down during conversion to a new treatment process.

Non-metallics increased 11 per cent in value to $144,920,841 in 1955 from $130,523,624 in the preceding year. There were over a million tons of asbestos fibres, crude and milled, shipped, which had a value of $96,191,317. Gypsum shipments amounted to 4,667,901 tons valued at $8,037,153, an increase of 18.1 per cent in volume and 13.2 per cent in total value. A rock salt mine in southwestern Ontario began production and was partially responsible for the increase of 28.3 per cent in tonnage of salt shipped. Barite tonnage declined to 221,472 tons which had a value of $2,003,796. The most of 118,989 tons of fluorspar valued at $2,987,026 were mined in Newfoundland. Regular production of lithia began in northwestern Quebec. Nepheline syenite, which is used in the ceramic industry, amounted to 146,068 tons worth $2,099,512. Sulphur contained in pyrite and recovered in smelter gases amounted to 628,443 tons. The elemental sulphur recovered from sour natural gas was not included in these compilations.

The value of fuels at $414,318,015 was a new high. Crude petroleum output of 129,440,247 barrels was up 34.7 per cent and the value, $305,640,036, was up 25.3 per cent. Natural gas increased from 120,735,214 thousand cubic feet to 150,772,312 thousand cubic feet. These figures do not include the gas wasted or flared in the field. Coal output which has been declining since 1950 continued its downward trend, but to a lesser degree than in the preceding years.

To meet the demand of the construction industry, the producers of structural materials shipped more brick, tile, cement, lime, sand and gravel in 1955 than in the preceding year. Cement shipments of 25,168,464 barrels valued at $65,650,025 were up 12.2 per cent in tonnage and 11.2 per cent in value. Clay products increased 9 per cent to reach $35,259,770. Industrial and chemical plants used a large portion of the 1,331,118 tons of lime which were shipped. Sand and gravel used for highways, concrete aggregate, moulding and other uses amounted to 67,775,053 tons. Stone used for building, concrete aggregate, etc., amounted to 30,512,920 tons. The various kinds of stone were limestone, marble, shale, slate, sandstone and granite.

Newfoundland nearly doubled its shipments of iron ore. It was the first full season of operations in the Labrador area. Although the tonnage of metals was slightly less than in the preceding year, the higher prices brought the total value of metals to $61,742,786. Plaster board and cement plants in the Corner Brook area used gypsum quarried at Flat Bay. Limestone was shipped from the Aguathuna area to the steel industry in Nova Scotia.

Coal was the principal mineral produced in Nova Scotia during 1955. At the mine it was valued at $49,852,554 which was about three fourths of the total value of the minerals of the province Ninety-five per cent of the Canadian barite output is shipped from Hants county. About 80 per cent of the nation's gypsum came from Nova Scotia deposits. Salt was recovered by the evaporation of brine from wells and also as rock salt from underground mining operations. A new rock salt mine was being developed at Pugwash. Mindamar Mines Limited produced base metal concentrates which also contained some gold and silver.

Large expenditures were made in the development of the base metal deposits in New Brunswick. One of these mines was producing lead-zinc-copper concentrates and another shipped tungsten concentrates. The fuels, including coal, natural gas and petroleum, were valued at $7,256,666 and the value of structural materials was $7,635,358.

The value of mineral output in Quebec increased about 28 per cent. The copper tonnage was boosted by mines in Gaspé and Chibougamau. From Sept Iles there were shipped over 4 million tons of iron ore which was mined in the New Quebec area in which the provincial government granted mining concessions to iron ore firms. The demand for

selenium caused a raise in price and the volume also increased. There was less lead and zinc produced by the Quebec mines. Over a million tons of asbestos valued at $88,607,804 were produced in the southeastern area of the province. Titanium dioxide in slag amounted to 117,042 tons valued at $5,192,810. The first shipments of lithia were made in 1955.

Ontario's metal production increased $75 millions to reach $470,910,013. Copper and nickel increased 4 per cent and 2 per cent, respectively, in volume. Cobalt from the silver-cobalt mines and the nickel-copper mines increased by a million pounds. Iron ore was up nearly 2 million tons to 4,362,191 tons. Ontario produced all the nepheline syenite in Canada. Salt shipments were very close to one million tons. Stone quarries and gravel pits are located near the populated areas, thus reducing the haulage charges. Structural materials, including brick, cement, lime, etc., were valued at $92,695,449.

The value of Manitoba's minerals increased to $62,018,231 in 1955 from $35,106,922 in the preceding year. The nickel production was measured as the refinery products, plus the recoverable metal in ore or concentrates shipped to custom smelters. There were large shipments of concentrates from the stockpile to custom smelters. Copper tonnage increased by 57.9 per cent. The oil fields in the southwest portion of the province yielded twice as much as in 1954. The crude petroleum output in Saskatchewan was 11,317,168 barrels which was double that of the preceding year. The quantity of copper decreased but the higher price raised the total value to $24,297,063. The value of refinery products recovered from Saskatchewan uranium ores amounted to $12,312,471. All of Canada's natural sodium sulphate was obtained from Saskatchewan deposits.

About 113 million barrels of oil flowed from Alberta wells in 1955, and about 133 billion cubic feet of natural gas was utilized as fuel, as raw material for chemicals, or to repressurize wells. Coal mines' output continued to decline. The coal in British Columbia was also less in 1955. The west coast province had a mineral production of $189,524,574 which was $30 millions higher than in 1954. Silver and lead were down but zinc tonnage was up. Asbestos from the northern area showed a marked increase in output. About half of the value of minerals produced in the Northwest Territories was derived from pitchblende products and the major portion of the remaining half came from the gold mines at Yellowknife. The base metal mines near Mayo contributed the larger percentage of the Yukon output. Nearly all the gold was recovered from placer deposits.

The index, based on 1935-39=100, of the physical volume of mineral production was 242.0 in 1955 compared with 209.7 in 1954. Activity in mining was indicated by the tonnage of ore mined and rock quarried, which in 1955, amounted to 132,686,509 tons compared with 120,462,449 tons in 1954. Uranium ore data have been excluded. Sodium sulphate, sand and gravel and similar materials which are not actually mined or blasted were not included in the total.

The average number of employees was 133,636 to whom $502,595,701 were distributed as salaries and wages. The cost of fuel and purchased electricity amounted to $123,376,588.

The ten top mineral commodities in order of total value were in 1955: crude petroleum, copper, nickel, gold, zinc, asbestos, coal, sand, cement and lead.

TABLE 1. Mineral Production, by Kinds, 1954 and 1955

		1954		1955	
		Quantity	Value	Quantity	Value
			$		$
Metallics:					
Antimony	lb.	1,302,333	349,249	2,021,726	563,345
Bismuth	lb.	258,675	572,183	265,896	572,362
Cadmium	"	1,086,780	1,847,526	1,919,081	3,262,439
Calcium	—	...	1	...	1
Cerium, Rare Earths	—	—	—	...	988
Cobalt	lb.	2,252,965	5,912,997	3,318,637	8,563,700
Columbium (Cb_2O_5)	lb.	90	2,294	42	1,032
Copper	"	605,464,042	175,712,693	651,987,423	239,756,455
Gold	troy oz.	4,366,440	148,764,611	4,541,962	156,788,528
Indium	"	477	1,278	104,774	232,598
Iron ore	tons	7,361,598	49,666,507	16,283,177	110,435,850
Iron (remelt)	"	90,562	2,910,663	115,955	4,831,845
Lead	lb.	436,990,488	58,250,831	405,525,038	58,314,500
Magnesium[3]	—	2	6,586,759	2	6,585,409
Mercury	lb.	—	—	75	250
Molybdenite (MoS_2)	lb.	752,417	457,912	1,389,177	823,954
Nickel	"	322,557,961	180,173,392	349,856,997	215,866,007
Palladium, rhodium, iridium, etc.	troy oz.	189,350	7,956,087	214,252	8,321,633
Platinum	"	154,356	12,950,469	170,494	14,747,732
Pitchblende products	—	...	26,467,574	...	28,031,604
Selenium	lb.	323,529	1,617,645	427,109	3,203,319
Silver	troy oz.	31,117,949	25,707,870	27,984,204	24,676,472
Tantalum (Ta_2O_5)	lb.	77	2,696	390	9,760
Tellurium	lb.	8,171	14,300	9,014	15,774
Thallium	lb.	—	—	275	378
Tin	"	333,768	263,359	492,781	408,030
Titanium ore	tons	1,541	9,462	1,464	10,634
Tungsten (WO_3)	lb.	2,170,633	5,795,781	1,942,770	5,508,437
Zinc	"	752,982,353	90,207,285	866,714,038	118,306,466
Total metallics	—	...	**802,401,423**	...	**1,007,839,501**
Non-metallics:					
Arsenious oxide	lb.	1,180,350	48,333	1,571,797	69,159
Asbestos	tons	924,116	86,409,212	1,063,802	96,191,317
Barite	"	221,472	2,003,796	253,736	2,277,166
Diatomite	"	4	192	16	352
Feldspar	"	16,096	301,049	18,152	355,879
Fluorspar	"	118,969	2,987,026	128,114	2,708,437
Graphite	"	2,463	254,534	—	—
Grindstones	"	—	—	10	1,500
Gypsum	"	3,950,422	7,094,671	4,667,901	8,037,153
Iron oxides	"	5,798	183,507	7,702	162,512
Lithia	"	17,052	6,300	114,376	61,752
Magnesitic dolomite and brucite	"	...	1,909,163	...	2,151,820
Mica	lb.	1,706,770	85,139	1,640,708	77,541
Mineral waters	gal.	284,078	148,057	306,683	160,510
Nepheline syenite	tons	123,669	1,770,528	146,068	2,099,512
Peat moss	"	99,272	3,018,622	117,579	3,485,287
Perlite	—	—	—	—	—
Quartz	tons	1,716,151	1,574,893	1,869,913	2,039,575
Salt	"	969,887	8,340,163	1,244,761	10,122,299
Silica brick	M	3,578	465,157	4,763	602,625
Soapstone and talc	tons	28,143	335,353	27,160	338,967
Sodium sulphate	"	158,417	2,385,573	178,888	2,799,715
Sulphur	"	532,406	4,875,969	628,443	5,984,953
Titanium dioxide in slag	"	88,408	3,841,270	117,042	5,192,810
Total other non-metallics	—	...	**128,038,507**	...	**144,920,841**
Fuels:					
Coal	tons	14,913,579	96,600,266	14,818,880	93,579,471
Natural gas	M cu. ft.	120,735,214	12,482,109	150,772,312	15,098,508
Peat	tons	6	60	—	—
Petroleum	bbl.	96,080,345	243,877,030	129,440,247	305,640,036
Total fuels	—	...	**352,959,465**	...	**414,318,015**
Structural materials:					
Clay products (brick, tile, etc.)	—	...	32,360,098	...	35,259,770
Cement	bbl.	22,437,477	59,035,644	25,168,464	65,650,025
Lime	tons	1,214,839	14,742,149	1,331,118	15,810,904
Sand and gravel	"	110,961,034	58,987,671	127,524,474	87,775,053
Stone	"	32,767,925	39,857,134	30,512,920	43,736,687
Total structural materials	—	...	**204,982,696**	...	**228,232,439**
GRAND TOTAL	—	...	**1,488,382,091**	...	**1,795,310,796**

1. Included with magnesium in 1954 and 1955.
2. Data not available for publication.
3. Includes calcium.

TABLE 2. Mineral Production, by Provinces, 1955

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
	Metals					
1	Antimony	lb.	–	–	–	–
2		$	–	–	–	–
3	Bismuth	lb.	–	–	–	105,129
4		$	–	–	–	210,636
5	Cadmium	lb.	–	–	–	–
6		$	–	–	–	–
7	Cerium, Rare earths	lb.	–	–	–	–
8		$	–	–	–	–
9	Columbium (Cb_2O_5)	lb.	–	–	–	–
10		$	–	–	–	–
11	Cobalt	lb.	–	–	–	–
12		$	–	–	–	–
13	Copper	lb.	6,103,516	2,054,938	71,295	202,041,072
14		$	2,250,672	757,758	26,290	74,502,645
15	Gold	oz.	6,337	3,880	–	1,154,522
16		$	218,753	133,938	–	39,854,099
17	Indium	oz.	–	–	–	–
18		$	–	–	–	–
19	Iron ore	ton	7,206,883	–	–	4,103,173
20		$	45,701,801	–	–	27,164,396
21	Iron (remelt)	ton	–	–	–	115,955
22		$	–	–	–	4,831,845
23	Lead	lb.	35,709,911	3,979,230	1,532,706	11,216,005
24		$	5,135,085	572,213	220,403	1,612,862
25	Magnesium and calcium	lb.	–	–	–	6,547,665
26		$	–	–	–	1,916,829
27	Mercury	lb.	–	–	–	–
28		$	–	–	–	–
29	Molybdenite	lb.	–	–	–	1,389,177
30		$	–	–	–	823,954
31	Nickel	lb.	–	–	–	–
32		$	–	–	–	–
33	Palladium, rhodium, etc.	oz.	–	–	–	–
34		$	–	–	–	–
35	Platinum	oz.	–	–	–	–
36		$	–	–	–	–
37	Pitchblende, etc.[1]	...	–	–	–	–
38		$	–	–	–	–
39	Selenium	lb.	–	–	–	236,767
40		$	–	–	–	1,775,753
41	Silver	oz.	701,792	262,067	25,087	4,786,695
42		$	618,840	231,091	22,122	4,220,908
43	Tantalum (Ta_2O_5)	lb.	–	–	–	–
44		$	–	–	–	–
45	Tellurium	lb.	–	–	–	–
46		$	–	–	–	–
47	Thallium	lb.	–	–	–	–
48		$	–	–	–	–
49	Tin	lb.	–	–	–	–
50		$	–	–	–	–
51	Titanium ore	ton	–	–	–	1,464
52		$	–	–	–	10,634
53	Tungsten (WO_3)	lb.	–	–	28,770	–
54		$	–	–	47,470	–
55	Zinc	lb.	57,272,050	16,036,317	–	202,862,034
56		$	7,817,635	2,188,957	–	27,690,668
57	**Total metals**	$	**61,742,786**	**3,883,957**	**316,285**	**184,615,229**
	Non-metallics					
58	Arsenious oxide	lb.	–	–	–	–
59		$	–	–	–	–
60	Asbestos	ton	–	–	–	1,022,065
61		$	–	–	–	88,607,804
62	Barite	ton	–	244,271	–	–
63		$	–	2,038,341	–	–
64	Diatomite	ton	–	2	–	–
65		$	–	72	–	–
66	Feldspar	ton	–	–	–	18,152
67		$	–	–	–	355,879
68	Fluorspar	ton	127,384	–	–	–
69		$	2,678,641	–	–	–

1. Includes radium salts, uranium oxides and salts, silver and cobalt.

TABLE 2. Mineral Production, by Provinces, 1955

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
–	–	–	–	2,021,726	–	–	2,021,726	1
–	–	–	–	563,345	–	–	563,345	2
–	–	–	–	160,767	–	–	265,896	3
–	–	–	–	361,726	–	–	572,362	4
–	47,347	144,344	–	1,515,582	–	211,808	1,919,081	5
–	80,490	245,385	–	2,576,490	–	360,074	3,262,439	6
...	–	–	–	–	–	–	...	7
988	–	–	–	–	–	–	988	8
–	–	–	–	–	42	–	42	9
–	–	–	–	–	1,032	–	1,032	10
3,296,270	16,330	–	–	–	6,037	–	3,318,637	11
8,510,314	37,267	–	–	–	16,119	–	8,563,700	12
292,813,108	38,759,042	65,890,339	–	44,254,113	–	–	651,987,423	13
107,215,943	14,438,505	24,297,063	–	16,267,579	–	–	239,756,455	14
2,523,040	123,888	• 83,580	214	252,979	321,321	72,201	4,541,962	15
87,095,340	4,276,614	2,885,182	7,387	8,732,835	11,092,001	2,492,379	156,788,528	16
–	–	–	–	104,774	–	–	104,774	17
–	–	–	–	232,598	–	–	232,598	18
4,362,191	–	–	–	610,930	–	–	16,283,177	19
34,340,897	–	–	–	3,228,756	–	–	110,435,850	20
–	–	–	–	–	–	–	115,955	21
–	–	–	–	–	–	–	4,831,845	22
3,853,603	–	–	–	322,984,797	–	26,248,786	405,525,038	23
554,148	–	–	–	46,445,214	–	3,774,575	58,314,500	24
...	–	–	–	–	–	–	...	25
4,668,580	–	–	–	–	–	–	6,585,409	26
–	–	–	–	75	–	–	75	27
–	–	–	–	250	–	–	250	28
–	–	–	–	–	–	–	1,389,177	29
–	–	–	–	–	–	–	823,954	30
322,322,355	27,534,642	–	–	–	–	–	349,856,997	31
196,489,258	17,376,749	–	–	–	–	–	215,866,007	32
214,252	–	–	–	–	–	–	214,252	33
8,321,633	–	–	–	–	–	–	8,321,633	34
170,494	–	–	–	–	–	–	170,494	35
14,747,732	–	–	–	–	–	–	14,747,732	36
...	–	...	–	–	...	–	...	37
487,054	–	12,312,471	–	–	13,232,079	–	26,031,604	38
94,465	27,219	68,658	–	–	–	–	427,109	39
708,488	204,143	514,935	–	–	–	–	3,203,319	40
6,051,017	454,528	1,230,179	21	8,702,122	58,477	5,712,219	27,984,204	41
5,335,787	400,803	1,084,772	18	7,673,531	51,565	5,037,035	24,676,472	42
–	–	–	–	–	390	–	390	43
–	–	–	–	–	9,760	–	9,760	44
6,455	727	1,832	–	–	–	–	9,014	45
11,296	1,272	3,206	–	–	–	–	15,774	46
–	75	200	–	–	–	–	275	47
–	103	275	–	–	–	–	378	48
–	–	–	–	492,781	–	–	492,781	49
–	–	–	–	408,030	–	–	408,030	50
–	–	–	–	–	–	–	1,464	51
–	–	–	–	–	–	–	10,634	52
–	–	–	–	1,914,000	–	–	1,942,770	53
–	–	–	–	5,460,967	–	–	5,508,437	54
3,095,640	35,932,049	97,920,646	–	431,771,995	–	21,823,307	866,714,038	55
422,555	4,904,725	13,366,168	–	58,936,877	–	2,978,881	118,306,466	56
470,910,013	**41,720,671**	**54,709,457**	**7,405**	**150,888,198**	**24,402,556**	**14,642,944**	**1,007,839,501**	57
1,571,787	–	–	–	–	–	–	1,571,787	58
69,159	–	–	–	–	–	–	69,159	59
24,550	–	–	–	17,187	–	–	1,063,802	60
3,317,542	–	–	–	4,265,971	–	–	96,191,317	61
–	–	–	–	9,465	–	–	253,736	62
–	–	–	–	238,825	–	–	2,277,166	63
–	–	–	–	14	–	–	16	64
–	–	–	–	280	–	–	352	65
–	–	–	–	–	–	–	18,152	66
–	–	–	–	–	–	–	355,879	67
730	–	–	–	–	–	–	128,114	68
29,796	–	–	–	–	–	–	2,708,437	69

TABLE 2. Mineral Production, by Provinces, 1955 – Concluded

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
	Non-metallics – Concluded					
1	Graphite	ton	–	–	–	–
2		$	–	–	–	–
3	Grindstone	ton	–	–	10	–
4		$	–	–	1,500	–
5	Gypsum	ton	46,459	3,838,847	90,096	–
6		$	175,829	6,061,922	315,336	–
7	Iron oxide	ton	–	–	–	7,702
8		$	–	–	–	162,512
9	Lithia	lb.	–	–	–	106,320
10		$	–	–	–	58,480
11	Magnesitic dolomite, brucite	ton	–	–	–	...
12		$	–	–	–	2,151,820
13	Mica	lb.	–	–	–	1,095,034
14		$	–	–	–	73,734
15	Mineral water	gal.	–	–	–	303,110
16		$	–	–	–	158,495
17	Nepheline syenite	ton	–	–	–	–
18		$	–	–	–	–
19	Peat, moss	ton	–	587	8,743	32,383
20		$	–	7,903	234,599	638,696
21	Perlite	ton	–	–	–	–
22		$	–	–	–	–
23	Quartz	ton	–	–	–	244,702
24		$	–	–	–	791,606
25	Salt	ton	–	144,862	–	–
26		$	–	1,808,302	–	–
27	Silica brick	M	–	1,265	–	–
28		$	–	289,369	–	–
29	Soapstone and talc	ton	7	–	–	12,562
30		$	120	–	–	143,895
31	Sodium sulphate	ton	–	–	–	–
32		$	–	–	–	–
33	Sulphur	ton	...	–	–	...
34		$	66,613	–	–	2,550,557
35	Titanium dioxide	ton	–	–	–	117,042
36		$	–	–	–	5,192,810
37	**Total non-metallics**	$	**2,921,203**	**10,205,909**	**551,435**	**100,886,288**
	Fuels					
38	Coal	ton	–	5,731,026	877,838	–
39		$	–	49,852,554	7,100,649	–
40	Natural gas	Mcu.ft.	–	–	186,549	–
41		$	–	–	138,450	–
42	Peat	ton	–	–	–	–
43		$	–	–	–	–
44	Petroleum, crude	bbl.	–	–	12,548	–
45		$	–	–	17,567	–
46	**Total fuels**	$	–	**49,852,554**	**7,256,666**	–
	Structural materials					
47	Clay products	$	49,338	1,196,968	704,025	8,451,362
48	Cement	bbl.	468,030	–	872,659	9,497,629
49		$	1,492,990	–	2,306,065	24,132,519
50	Lime	ton	–	–	18,861	461,805
51		$	–	–	385,979	4,448,525
52	Sand and gravel	ton	3,142,226	1,156,710	5,731,835	36,722,008
53		$	1,660,984	1,148,245	2,942,830	15,346,416
54	Stone	ton	333,982	367,320	1,075,230	12,633,335
55		$	595,655	845,906	1,296,459	19,129,706
56	**Total structural materials**	$	**3,798,967**	**3,191,119**	**7,635,358**	**71,508,528**
57	**GRAND TOTAL, 1955**	$	**68,462,956**	**67,133,539**	**15,759,744**	**357,010,045**
58	**GRAND TOTAL, 1954**	$	**42,898,033**	**73,450,898**	**12,468,322**	**278,818,070**

TABLE 2. Mineral Production, by Provinces, 1955 – Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	10	3
–	–	–	–	–	–	–	1,500	4
366,416	176,005	–	–	150,078	–	–	4,667,901	5
808,424	291,708	–	–	383,934	–	–	8,037,153	6
–	–	–	–	–	–	–	7,702	7
–	–	–	–	–	–	–	162,512	8
–	–	–	–	–	8,056	–	114,376	9
–	–	–	–	–	3,272	–	61,752	10
–	–	–	–	–	–	–	...	11
–	–	–	–	–	–	–	2,151,820	12
41,374	–	–	–	504,300	–	–	1,640,708	13
946	–	–	–	2,861	–	–	77,541	14
3,573	–	–	–	–	–	–	306,683	15
2,015	–	–	–	–	–	–	160,510	16
146,068	–	–	–	–	–	–	146,068	17
2,099,512	–	–	–	–	–	–	2,099,512	18
4,284	6,146	–	–	65,436	–	–	117,579	19
123,862	190,381	–	–	2,289,846	–	–	3,485,287	20
–	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	22
1,421,302	–	175,640	–	28,269	–	–	1,869,913	23
1,032,938	–	87,820	–	127,211	–	–	2,039,575	24
998,789	18,954	40,748	41,408	–	–	–	1,244,761	25
5,845,340	477,614	976,298	1,014,745	–	–	–	10,122,299	26
3,498	–	–	–	–	–	–	4,763	27
313,256	–	–	–	–	–	–	602,625	28
14,591	–	–	–	–	–	–	27,160	29
194,952	–	–	–	–	–	–	338,967	30
–	–	178,888	–	–	–	–	178,888	31
–	–	2,799,715	–	–	–	–	2,799,715	32
...	–	–	–	...	–	–	628,443	33
571,000	–	–	–	2,796,783	–	–	5,984,953	34
–	–	–	–	–	–	–	117,042	35
–	–	–	–	–	–	–	5,192,810	36
14,408,742	**959,703**	**3,863,833**	**1,014,745**	**10,105,711**	**3,272**	**–**	**144,920,841**	37
–	–	2,293,816	4,455,279	1,453,881	–	7,040	14,818,880	38
–	–	4,309,163	23,559,584	8,675,715	–	81,806	93,579,471	39
10,852,857	–	6,706,743	133,007,493	–	18,670	–	150,772,312	40
4,341,143	–	637,140	9,975,562	–	6,213	–	15,098,508	41
–	–	–	–	–	–	–	–	42
–	–	–	–	–	–	–	–	43
525,510	4,145,756	11,317,168	113,035,046	–	404,219	–	129,440,247	44
1,599,335	9,618,154	18,317,968	274,901,232	–	1,185,780	–	305,640,036	45
5,940,478	**9,618,154**	**23,264,271**	**308,436,378**	**8,675,715**	**1,191,993**	**81,806**	**414,318,015**	46
18,314,320	635,554	992,307	2,800,481	2,115,415	–	–	35,259,770	47
7,664,434	1,944,194	–	2,812,623	1,908,895	–	–	25,168,464	48
19,707,042	5,509,812	–	7,026,722	5,474,875	–	–	65,650,025	49
698,245	57,510	–	38,335	56,362	–	–	1,331,118	50
8,420,382	886,901	–	553,526	1,115,591	–	–	15,810,904	51
51,488,067	5,272,676	5,039,682	7,819,933	11,151,337	–	–	127,524,474	52
29,945,730	1,571,103	2,320,260	5,894,341	6,945,144	–	–	67,775,053	53
12,739,139	228,157	–	45,659	3,090,098	–	–	30,512,920	54
16,307,975	1,116,333	–	240,728	4,203,925	–	–	43,736,687	55
92,695,449	**9,719,703**	**3,312,567**	**16,515,798**	**19,854,950**	**–**	**–**	**228,232,439**	56
583,954,682	**62,018,231**	**85,150,128**	**325,974,326**	**189,524,574**	**25,597,821**	**14,724,750**	**1,795,310,796**	57
496,747,571	**35,106,922**	**68,216,009**	**279,042,735**	**158,630,887**	**26,414,000**	**16,588,664**	**1,488,382,091**	58

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

Year	Metallics	Non-metallics	Fuels	Structural materials	Total	Value per capita
	$	$	$	$	$	$
1886	2,118,608	1,259,827	4,367,444	2,225,376	10,221,255	2.23
1887	2,073,746	1,209,153	5,080,853	2,707,579	11,321,331	2.23
1888	2,628,292	1,320,585	5,522,016	2,798,001	12,518,894	2.67
1889	3,251,299	1,562,010	5,702,930	3,247,674	14,013,913	2.96
1890	3,614,488	2,392,315	6,745,279	3,761,271	16,763,353	3.50
1891	5,421,659	2,025,195	8,205,228	3,074,534	18,976,616	3.92
1892	3,698,697	1,417,821	7,658,444	3,603,455	16,628,417	3.39
1893	4,630,495	1,249,283	8,771,358	5,133,946	20,035,082	4.04
1894	4,685,852	1,263,803	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	9,608,158	5,270,146	38,412,431	7.32
1899	29,282,823	1,610,111	11,872,788	6,168,283	49,234,005	9.27
1900	40,521,807	1,914,690	15,311,479	6,372,901	64,420,877	12.04
1901	41,939,500	2,713,621	14,047,654	6,803,836	65,804,611	12.16
1902	35,924,651	2,730,425	16,359,722	7,896,836	63,211,634	11.36
1903	33,210,147	2,589,302	17,197,317	8,443,747	61,740,513	10.83
1904	30,924,897	2,807,995	17,858,902	8,182,103	60,073,897	10.27
1905	36,946,212	3,468,408	18,756,112	9,608,267	69,078,999	11.49
1906	41,949,563	4,424,882	21,081,724	11,530,528	79,286,697	12.81
1907	42,426,607	5,021,384	26,254,162	12,863,049	86,865,202	13.75
1908	41,774,362	5,188,269	26,954,515	11,339,955	85,557,101	13.16
1909	44,156,841	4,593,142	26,548,109	16,533,349	91,831,441	13.70
1910	49,438,873	5,109,754	32,647,404	19,627,592	106,823,623	14.93
1911	46,105,423	5,659,746	28,746,214	22,709,611	103,220,994	14.32
1912	61,172,753	6,750,980	38,729,694	28,794,869	135,048,296	18.33
1913	66,361,351	7,402,849	41,060,860	30,809,752	145,634,812	19.35
1914	59,386,619	6,165,107	37,302,122	26,009,227	128,863,075	16.75
1915	75,814,841	7,254,732	36,118,839	17,920,759	137,109,171	17.44
1916	106,319,365	10,245,689	43,169,294	17,467,185	177,201,534	22.05
1917	106,455,147	14,566,995	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	19.56
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	33,678,666	442,868,695	39.42
1939	343,453,866	25,114,106	70,671,328	35,362,759	474,602,059	41.94
1940	382,440,214	26,074,296	78,837,874	42,472,651	529,825,035	46.39
1941	395,193,386	34,532,635	85,141,997	45,373,272	560,241,290	49.06
1942	391,540,411	37,329,163	92,169,291	45,729,807	566,768,672	48.63
1943	356,558,751	38,970,577	92,514,384	42,010,254	530,053,966	44.87
1944	308,111,295	37,431,875	97,291,007	42,984,937	485,819,114	40.57
1945	316,962,810	39,841,422	93,531,276	48,419,673	498,755,181	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

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

1886-1897 total includes $250,000 estimated value of unreported products.
1898-1908 total includes $300,000 estimated value of unreported products, mostly structural materials.

TABLE 4. Physical Volume of Mineral Production

(1935-39 = 100)

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

TABLE 5. Value of Mineral Production, by Provinces, Since 1935

Year	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	$	$	$	$	$	$
1935	–	23,183,128	2,821,027	39,124,696	158,934,269	12,052,417
1936	–	26,672,278	2,587,891	49,736,919	184,532,892	11,315,527
1937	–	30,314,188	2,763,643	65,160,215	230,042,517	15,751,645
1938	–	26,253,645	3,802,565	68,965,594	219,801,994	17,173,002
1939	–	30,746,200	3,949,433	77,335,998	232,519,948	17,137,930
1940	–	33,318,587	3,435,916	86,313,491	261,483,349	17,828,522
1941	–	32,569,867	3,690,375	99,651,044	267,435,727	16,689,867
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	64,552,383	11,298,960	270,483,962	444,669,412	25,105,045
1953	33,780,622	67,364,408	11,663,618	251,881,781	465,877,093	25,264,112
1954	42,898,033	73,450,898	12,468,322	278,818,070	496,747,571	35,106,922
1955	68,462,956	67,133,539	15,759,744	357,010,045	583,954,682	62,018,231

Year	Saskatchewan	Alberta	British Columbia	Northwest Territories[1]	Yukon
	$	$	$	$	$
1935	3,816,943	22,289,681	48,692,050	541,638	1,302,308
1936	6,970,397	23,305,726	54,407,036	775,834	2,220,372
1937	10,271,463	25,597,117	73,555,798	994,518	3,784,528
1938	7,782,847	28,966,272	64,549,130	1,614,076	3,959,570
1939	8,794,090	30,691,617	65,216,745	3,248,777	4,961,321
1940	11,505,858	35,092,337	74,134,485	2,594,157	4,118,333
1941	15,020,555	41,364,385	76,841,180	3,860,298	3,117,992
1942	20,578,749	47,359,831	77,247,932	3,976,267	3,453,568
1943	26,735,984	48,941,210	68,442,386	2,679,993	1,625,819
1944	22,291,848	51,066,662	57,246,071	1,440,069	939,319
1945	22,336,074	51,753,237	64,063,842	470,812	1,239,058
1946	24,480,900	60,082,513	74,622,846	1,039,525	1,693,904
1947	32,594,016	67,432,270	116,772,621	2,720,988	2,095,508
1948	34,517,208	93,211,229	148,223,614	4,267,485	4,265,910
1949	36,054,536	113,728,425	136,385,911	6,801,729	5,099,176
1950	35,983,923	135,758,940	138,888,205	8,050,899	9,035,696
1951	51,032,953	168,144,211	176,278,932	8,288,747	9,793,170
1952	49,506,094	196,811,654	170,071,244	8,944,835	11,386,451
1953	48,081,970	248,863,295	158,487,812	10,300,230	14,738,562
1954	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

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

TABLE 6. Mineral Production of Newfoundland, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Copper	lb.	5,627,461	1,684,862	6,961,165	2,029,876	6,103,516	2,250,672
Gold	troy oz.	7,654	263,451	6,528	222,409	6,337	218,753
Iron ore	short tons	2,686,481	14,201,842	3,758,526	21,749,304	7,206,883	45,701,801
Lead	lb.	35,403,172	4,576,214	37,052,168	4,939,054	35,709,911	5,135,085
Silver	troy oz.	648,389	544,712	742,120	617,867	701,792	618,840
Zinc	lb.	56,003,584	6,698,029	60,004,968	7,188,595	57,272,050	7,817,635
Non-metallics:							
Fluorspar	tons	87,693	2,631,698	118,065	2,946,896	127,384	2,678,641
Gypsum	tons	26,531	117,208	26,653	124,385	46,459	175,829
Talc (Pyrophyllite)	tons	—	—	9	230	7	120
Sulphur	—	—	—	—	—	...	66,613
Structural materials:							
Cement	bbl.	395,834	1,345,073	403,515	1,330,018	468,030	1,492,990
Clay products	—	...	39,500	...	33,042	...	49,338
Lime	tons	160	6,942	—	—	—	—
Sand and gravel	tons	1,908,187	1,023,622	2,105,522	1,096,883	3,142,226	1,660,984
Stone	tons	391,633	647,469	359,350	619,474	333,982	595,655
Total	—	...	**33,780,622**	...	**42,898,033**	...	**68,462,956**

TABLE 7. Mineral Production of Nova Scotia, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Copper	lb.	1,576,360	471,962	1,981,713	577,868	2,054,938	757,758
Gold	troy oz.	3,248	111,796	3,754	127,899	3,880	133,938
Lead	lb.	3,652,126	472,074	4,186,143	558,013	3,979,230	572,213
Silver	troy oz.	226,225	190,052	262,361	218,434	262,067	231,091
Zinc	lb.	14,698,698	1,757,964	16,985,060	2,034,810	16,036,317	2,188,937
Non-metallics:							
Barite	tons	244,349	2,167,447	216,416	1,888,459	244,271	2,038,341
Diatomite	"	3	150	4	192	2	75
Gypsum	"	3,050,832	5,200,420	3,168,134	5,235,581	3,838,847	6,061,922
Peat moss	"	150	5,706	118	1,675	587	7,905
Salt	"	127,819	1,272,463	150,589	1,838,559	144,862	1,808,305
Silica brick	M	2,253	399,096	1,208	244,040	1,265	289,369
Fuels:							
Coal	tons	5,787,026	51,997,545	5,842,896	51,938,299	5,731,026	49,852,554
Structural materials:							
Clay products	—	...	1,234,319	...	1,082,039	...	1,196,968
Sand and gravel	tons	1,523,083	1,459,770	1,330,979	1,297,693	1,156,710	1,148,245
Stone	"	193,101	623,644	9,757,607	6,407,337	367,320	845,906
Total	—	...	**67,364,408**	...	**73,450,898**	...	**67,133,539**

TABLE 8. Mineral Production of New Brunswick, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Copper	lb.	—	—	—	—	71,295	26,290
Lead	lb.	—	—	—	—	1,532,706	220,403
Silver	troy oz.	—	—	—	—	25,087	22,122
Tungsten (WO_3)	lb.	—	—	—	—	28,770	47,470
Non-metallics:							
Grindstones	tons	15	900	—	—	10	1,500
Gypsum	"	120,816	380,570	88,856	217,697	90,096	315,336
Peat moss	"	8,323	246,946	9,888	217,421	8,743	234,599
Fuels:							
Coal	tons	721,252	5,747,073	781,271	6,187,622	877,838	7,100,649
Natural gas	M cu. ft.	177,112	131,368	183,457	136,405	186,549	138,450
Petroleum	bbl.	14,738	20,633	13,046	18,265	12,548	17,567
Structural materials:							
Cement	bbl.	823,900	2,104,469	854,808	2,181,854	872,659	2,306,065
Clay products	—	...	620,769	...	587,994	...	704,026
Lime	tons	21,184	430,226	22,533	439,161	18,861	385,979
Sand and gravel	"	2,648,235	1,282,421	3,528,318	1,832,299	5,731,835	2,942,830
Stone	"	987,977	698,243	720,792	649,604	1,075,230	1,296,459
Total	—	...	**11,663,618**	...	**12,468,322**	...	**15,759,744**

TABLE 9. Mineral Production of Quebec[1], 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Bismuth	lb.	46,068	49,136	33,324	65,143	105,129	210,636
Copper	"	109,839,871	32,886,057	167,860,775	48,948,202	202,041,072	74,502,645
Gold	troy oz.	1,021,698	35,166,845	1,098,570	37,428,280	1,154,522	39,854,099
Iron ingots (remelt)	tons	107,370	4,064,039	90,562	2,910,663	115,955	4,831,845
Iron ore	tons	—	—	650,415	3,818,309	4,103,173	27,164,396
Lead	lb.	18,473,850	2,387,930	15,635,942	2,084,271	11,216,005	1,612,862
Magnesium	"	3,239,427	1,039,752	8,298,784	2,485,117	6,547,665	1,916,829
Molybdenite (MoS_2)	"	323,907	215,527	752,417	457,912	1,389,177	823,954
Selenium	"	113,533	476,839	135,051	675,255	236,767	1,775,753
Silver	troy oz.	4,571,373	3,840,410	4,907,304	4,085,674	4,786,695	4,220,908
Tellurium	lb.	—	—	530	928	—	—
Titanium ore	tons	9,294	80,085	1,541	9,462	1,464	10,634
Zinc	lb.	200,859,247	24,022,766	214,002,774	25,637,532	202,862,034	27,690,668
Non-metallics:							
Arsenic (As_2O_3)	—	—	—	—	—	—	—
Asbestos	tons	884,595	81,000,775	894,129	79,906,506	1,022,065	88,607,804
Feldspar	"	18,591	319,146	14,305	278,997	18,152	355,879
Graphite	tons	—	—	11	1,093	—	—
Iron oxides (ochre)	"	10,308	195,801	5,798	183,507	7,702	162,512
Lithia	lb.	—	—	—	—	106,320	58,480
Magnesitic dolomite and brucite	—	...	2,016,640	...	1,909,163	...	2,151,820
Mica	tons	739	99,080	652	78,351	548	73,734
Natural mineral waters	Imp. gal.	309,285	165,334	282,078	147,307	303,110	158,495
Peat moss	tons	22,021	587,671	27,784	730,250	32,383	638,696
Phosphate	—	—	—	—	—	—	—
Quartz	tons	165,706	603,524	83,507	234,007	244,702	791,606
Soapstone and talc	"	14,098	160,546	14,437	165,472	12,562	143,895
Sulphur	"	169,766	1,211,343	...	1,854,489	...	2,550,557
Titanium dioxide	"	100,527	4,206,496	68,408	3,841,270	117,042	5,192,810
Structural materials:							
Cement	bbl.	7,400,912	19,232,112	7,541,373	19,108,680	9,497,629	24,132,519
Clay products	—	...	8,070,942	...	8,055,692	...	8,451,362
Lime	tons	424,305	4,236,639	445,892	4,371,797	461,805	4,448,525
Sand and gravel	"	26,694,125	11,630,482	30,052,887	12,985,931	36,722,008	15,346,416
Stone	"	7,754,248	13,915,864	10,111,361	16,358,810	12,633,335	19,129,706
Total	—	...	**251,881,781**	...	**278,818,070**	...	**357,010,045**

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

TABLE 10. Mineral Production of Ontario, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Bismuth	—	—	—	—	—	—	—
Cerium, Rare Earth	—	—	—	—	—	...	988
Calcium	—	...	1	...	1	...	1
Cobalt[2]	lb.	1,602,545	4,013,077	2,252,965	5,912,997	3,296,270	8,510,314
Copper	"	261,164,653	77,587,439	281,552,361	81,343,536	292,813,108	107,215,943
Gold	troy oz.	2,182,437	75,119,481	2,361,385	80,452,387	2,523,040	87,095,340
Iron ore	short tons	2,832,090	23,137,997	2,416,911	20,365,003	4,362,191	34,340,897
Lead	lb.	656,755	84,892	2,815,611	375,321	3,853,603	554,148
Magnesium	—	...	5,295,840	...	4,101,642	...	4,668,580
Nickel	lb.	287,385,777	160,430,098	316,019,050	176,556,296	322,322,355	198,489,258
Palladium, rhodium, etc.	troy oz.	166,018	7,495,409	189,350	7,956,087	214,252	8,321,633
Platinum	"	137,545	12,550,981	154,356	12,950,469	170,494	14,747,732
Radio active products	—	—	—	—	—	...	487,054
Selenium	lb.	92,698	389,332	94,826	474,130	94,465	708,488
Silver	troy oz.	5,154,619	4,330,395	5,443,721	4,532,278	6,051,017	5,335,787
Tellurium	lb.	4,525	7,919	7,195	12,591	6,455	11,296
Tungsten concentrates (WO_3)	lb.	48,780	132,685	—	—	—	—
Zinc	lb.	171,787	20,546	1,420,048	170,122	3,095,640	422,555

1. Included with magnesium.
2. Exclusive of metal in ore placed on government stockpile at Deloro, Ontario, but includes any metal reshipped from stockpile.

TABLE 10. Mineral Production of Ontario, 1953-1955 – Concluded

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Non-metallics:							
Arsenic (As_2O_3)	lb.	1,403,740[3]	56,150	1,180,350	48,333	1,571,787	69,159
Asbestos	tons	23,529	4,063,404	21,389	3,581,955	24,550	3,317,542
Diatomite (earth)	"	100	12,000	—	—	—	—
Feldspar	"	2,655	28,018	1,791	22,052	—	—
Fluorspar	"	876	38,887	904	40,130	730	29,796
Graphite	"	3,466	366,528	2,452	253,441	—	—
Gypsum	"	334,495	899,630	357,432	822,094	366,416	808,424
Mica	"	233	59,168	69	4,195	21	946
Natural mineral waters	Imp. gal.	300	150	2,000	750	3,573	2,015
Nepheline syenite	tons	113,345	1,576,271	123,669	1,770,528	146,068	2,099,512
Peat (moss)	"	1,319	52,535	640	19,809	4,284	123,862
Quartz[1]	"	1,450,770	1,301,048	1,476,745	1,270,731	1,421,302	1,032,938
Salt	"	749,046	3,919,810	733,066	4,440,418	998,789	5,845,340
Silica brick	M	1,467	313,175	2,370	221,117	3,498	313,256
Sulphur[2]	—	...	371,300	...	495,980	...	571,000
Talc	tons	13,310	125,209	13,697	169,651	14,591	194,952
Fuels:							
Natural gas	M cu. ft.	9,708,969	3,883,588	10,015,818	4,006,327	10,852,857	4,341,143
Peat (fuel)	"	—	—	6	60	—	—
Petroleum	bbl.	299,685	994,835	412,474	1,391,687	525,510	1,599,335
Structural materials:							
Cement	bbl.	7,078,181	18,497,744	7,208,061	18,958,173	7,664,434	19,707,042
Clay products	—	...	14,829,222	...	17,230,231	...	18,314,320
Lime	tons	659,062	7,714,252	610,591	7,680,739	698,245	8,420,382
Sand and gravel	"	43,658,099	24,359,496	46,433,191	26,577,612	51,488,067	29,945,730
Stone	"	8,818,886	11,818,582	10,141,156	12,538,699	12,739,139	16,307,975
Total	—	...	465,877,093	...	496,747,571	...	581,954,682

1. Includes low-grade silica sand for fluxing purposes.
2. Sulphur content of pyrites shipped and estimated sulphur recovered from smelter gases.
3. Includes some arsenic recovered from foreign ores.

TABLE 11. Mineral Production of Manitoba, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Cadmium	lb.	30,987	61,974	32,352	54,998	47,347	80,490
Cobalt	"	—	—	—	—	16,330	37,267
Copper	"	18,822,890	5,635,573	24,548,759	7,161,925	38,759,042	14,438,505
Gold	troy oz.	131,309	4,519,656	134,944	4,597,542	123,888	4,276,614
Nickel	lb.	—	—	6,538,911	3,617,096	27,534,642	17,376,749
Selenium	"	10,892	45,746	15,481	77,405	27,219	204,143
Silver	troy oz.	429,508	360,830	411,125	342,290	454,528	400,803
Tellurium	lb.	33	58	74	130	727	1,272
Thallium	"	—	—	—	—	75	103
Zinc	"	31,532,737	3,771,315	32,506,063	3,894,226	35,932,049	4,904,725
Non-metallics:							
Gypsum	tons	163,313	414,401	162,037	273,180	176,005	291,708
Peat moss	"	2,085	92,433	3,494	146,477	6,146	190,381
Salt	tons	18,078	420,631	17,809	439,154	18,954	477,614
Fuels:							
Petroleum, crude	bbl.	653,514	1,714,806	2,148,184	5,619,649	4,145,756	9,618,154
Structural materials:							
Cement	bbl.	1,614,301	4,676,137	1,633,389	4,760,539	1,944,194	5,509,812
Clay products	—	...	568,477	...	512,989	...	635,554
Lime	tons	50,981	787,032	52,178	821,903	57,510	886,904
Sand and gravel	"	4,686,323	1,524,629	4,831,716	2,084,367	5,272,676	1,571,104
Stone	"	377,819	670,414	207,556	703,052	228,157	1,116,334
Total	—	...	25,264,112	...	35,106,922	...	62,018,281

TABLE 12. Mineral Production of Saskatchewan, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Cadmium	lb.	127,010	254,020	122,244	207,815	144,344	245,385
Copper	"	61,176,869	18,316,355	72,383,656	21,107,074	65,890,339	24,297,063
Gold	troy oz.	88,327	3,040,215	101,785	3,467,815	83,580	2,885,182
Pitchblende, etc.	—	...	...	...	10,981,417	...	12,312,471
Selenium	lb.	45,223	189,937	78,171	390,855	68,658	514,935
Silver	troy oz.	1,257,622	1,056,528	1,414,370	1,227,516	1,230,179	1,084,772
Tellurium	lb.	136	238	372	651	1,832	3,206
Thallium	"	—	—	—	—	200	275
Zinc	"	99,929,241	11,951,537	101,339,521	12,140,475	97,920,646	13,366,168
Non-metallics:							
Quartz[1]	lb.	152,786	76,393	155,899	70,155	175,640	87,820
Salt	"	35,100	760,082	37,227	899,849	40,748	976,298
Sodium sulphate	tons	115,565	1,681,258	158,417	2,385,573	178,888	2,799,715
Fuels:							
Coal	tons	2,021,304	3,834,455	2,116,740	3,961,702	2,293,816	4,309,163
Natural gas	M cu. ft.	1,422,128	127,992	3,333,077	291,644	6,706,743	637,140
Petroleum, crude	bbl.	2,797,888	3,833,107	5,422,899	8,183,304	11,317,168	18,317,968
Structural materials:							
Clay products	—	...	742,959	...	844,398	...	992,307
Sand and gravel	tons	4,770,368	2,216,894	5,211,429	2,055,766	5,039,682	2,320,260
Total	—	...	**48,081,970**	...	**68,216,009**	...	**85,150,128**

1. Low-grade silica sand for fluxing purposes.

TABLE 13. Mineral Production of Alberta, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Gold	troy oz.	65	2,237	195	6,644	214	7,387
Silver	"	6	5	18	15	21	18
Non-metallics:							
Quartz[2]	—	—	—	—	—	—	—
Salt	tons	24,885	601,515	31,196	722,183	41,408	1,014,745
Fuels:							
Bituminous sands	tons	...	1	...	1	...	1
Coal	"	5,917,474	32,110,429	4,859,049	26,382,603	4,455,279	23,559,584
Natural gas	M cu. ft.	89,651,605	6,723,870	107,173,777	8,038,033	133,007,493	9,975,562
Petroleum	bbl.	76,816,383	193,761,644	87,713,855	228,319,165	113,035,046	274,901,232
Structural materials:							
Cement	bbl.	3,098,664	7,915,227	3,052,805	7,761,082	2,812,623	7,026,722
Clay products	—	...	2,135,085	...	2,316,982	...	2,800,481
Lime	tons	29,263	430,924	32,599	493,303	38,335	553,526
Sand and gravel	"	7,651,261	5,097,720	7,313,380	4,867,410	7,819,933	5,894,341
Stone	"	18,833	84,639	27,017	135,315	45,659	240,728
Total	—	...	**248,863,295**	...	**279,042,735**	...	**325,974,326**

1. Included with petroleum refining; no crude sands sold.
2. Grinding pebbles.

TABLE 14. Mineral Production of British Columbia, 1953-1955

Product		1953		1954		1955	
		Quantity [1]	Value	Quantity	Value	Quantity	Value
			$		$		$
Metallics:							
Antimony	lb.	1,488,105	291,862	1,302,333	349,249	2,021,726	563,345
Bismuth	"	71,298	160,421	225,351	507,040	160,767	361,726
Cadmium	"	721,862	1,443,724	679,331	1,154,863	1,515,582	2,576,490
Copper	"	48,295,970	14,371,494	50,175,613	14,544,212	44,254,113	16,130,918
Gold	troy oz.	264,976	9,120,474	268,508	9,148,068	252,979	8,732,835
Indium	"	6,752	9,588	477	1,278	104,774	232,598
Iron ore	tons	991,247	6,763,105	535,746	3,733,891	610,930	3,228,756
Lead	lb.	297,634,712	38,472,263	343,535,334	45,793,259	322,984,797	46,445,214
Mercury	"	—	—	—	—	75	250
Platinum	—	—	—	—	—	—	—
Silver	troy oz.	9,308,874	7,820,385	10,825,614	9,013,082	8,702,122	7,673,531
Tin [1]	lb.	643,254	581,746	333,788	263,359	492,781	408,030
Tungsten (WO_3)	"	2,395,544	5,556,000	2,170,633	5,795,781	1,914,000	5,460,967
Zinc	"	382,300,862	45,723,183	303,078,331	36,308,784	431,771,995	58,936,877
Non-metallics:							
Asbestos	tons	3,102	988,716	8,598	2,920,751	17,187	4,265,971
Arsenic (As_2O_3)	lb.	[2]	[2]	[2]	[2]	[2]	[2]
Barite	tons	2,878	52,845	5,056	115,337	9,465	238,825
Diatomite	"	—	—	—	—	14	280
Gypsum	"	145,470	387,655	147,310	421,734	150,078	383,934
Mica (schist)	tons	160	2,880	133	2,593	252	2,861
Peat moss	"	47,756	1,657,728	57,348	1,902,990	65,436	2,289,846
Perlite	"	1,112	11,120	—	—	—	—
Quartz	"	16,312	89,652	—	—	28,269	127,211
Sulphur [3]	—	...	1,590,055	...	2,525,500	...	2,796,783
Soapstone, talc	—	—	—	—	—	—	—
Fuels:							
Coal	tons	1,443,006	8,862,637	1,299,510	7,927,268	1,453,881	8,675,715
Structural materials:							
Cement	bbl.	1,826,543	5,071,260	1,743,526	4,935,298	1,908,895	5,474,875
Clay products	—	...	1,536,458	...	1,696,731	...	2,115,415
Lime	tons	43,805	877,998	51,046	935,246	56,362	1,115,591
Sand and gravel	"	7,494,268	4,890,367	10,153,612	6,189,710	11,151,337	6,945,144
Stone	"	1,306,520	2,154,196	1,443,036	2,444,843	3,090,098	4,203,925
Total	—	...	**158,487,812**	...	**158,630,867**	...	**189,524,574**

1. Tin content of concentrates and lead-tin alloy.
2. Considerable arsenic is contained in auriferous quartz ores exported. However this is not paid for and data relating to its possible recovery are unobtainable.
3. Includes sulphur content of pyrites shipped and estimated sulphur contained in sulphuric acid and other products made from waste smelter gases.

TABLE 15. Mineral Production of the Northwest Territories and Yukon, 1953-1955

Product		1953		1954		1955	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Northwest Territories							
Metallics:							
Columbium(Cb_2O_5)	lb.	–	–	90	2,294	42	1,032
Cobalt	lb.	...	...	...	...	6,047	16,119
Gold	troy oz.	289,929	9,979,356	308,563	10,512,741	321,321	11,092,001
Pitchblende products	–	1	1	...	15,486,157	...	13,232,079
Silver	troy oz.	63,592	53,424	59,037	49,152	58,477	51,565
Tantalum (Ta_2O_5)	lb.	–	–	77	2,696	390	9,760
Non-metallics:							
Lithia	lb.	–	–	17,052	6,300	8,056	3,272
Fuels:							
Natural gas	M cu. ft.	26,109	10,199	29,085	9,700	18,670	6,213
Petroleum, crude	bbl.	316,689	257,251	369,887	344,960	404,219	1,185,780
Total	–	...	**10,300,230**	...	**26,414,000**	...	**25,597,821**
Yukon							
Metallics:							
Cadmium	lb.	238,426	476,852	252,853	429,850	211,808	360,074
Gold	troy oz.	66,080	2,274,474	82,208	2,800,826	72,201	2,492,379
Lead	lb.	31,590,973	4,083,449	33,765,290	4,500,913	26,248,786	3,774,575
Silver	troy oz.	6,639,127	5,577,530	6,992,279	5,821,562	5,712,219	5,037,035
Tungsten (WO_3)	lb.	1,704	475	–	–	–	–
Zinc	lb.	18,027,139	2,156,046	23,645,588	2,832,741	21,823,307	2,978,881
Fuels:							
Coal	tons	10,611	169,736	14,113	202,772	7,040	81,806
Total	–	...	**14,738,562**	...	**16,588,664**	...	**14,724,750**

1. Data not available for publication.

TABLE 16. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1951-1955

	1951	1952	1953	1954	1955
Gold-quartz ores	16,548,264	16,496,218	15,247,337	16,178,273	16,404,660
Copper-gold-silver ores	7,380,966	7,773,341	7,438,500	8,501,569	9,911,751
Nickel-copper ores	12,885,445	14,380,684	15,004,102	16,748,709	17,022,067
Silver-cobalt ores	129,077	180,534	268,837	289,101	302,821
Silver-lead-zinc ores	6,317,545	6,759,454	7,539,862	7,272,011	7,526,352

TABLE 16. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1951-1955 — Concluded

	1951	1952	1953	1954	1955
Iron ores	5,093,326	6,239,265	8,475,237	9,400,517	17,220,376
Miscellaneous metals[1]	439,117	514,188	459,312	624,176	800,764
Asbestos	12,623,529	12,989,320	13,912,839	14,793,760	17,696,357
Feldspar and nepheline syenite	232,092	100,663	173,934	175,856	215,660
Quartz, exclusive of sand (shipments)	1,259,791	1,274,196	1,107,999	933,588	945,398
Gypsum and anhydrite	3,928,377	3,553,917	3,839,040	4,184,178	4,539,660
Talc and soapstone	27,047	25,728	28,638	28,120	29,273
Iron oxides	20,505	20,048	24,388	13,985	11,789
Rock salt	72,795	85,520	71,034	80,652	275,104
Other non-metals	671,974	736,550	665,473	748,839	1,032,913
Stone, all kinds, quarries (exclusive of stone used for cement and lime)	18,676,706	18,726,196	19,849,017	32,767,925	30,512,920
Stone used for the manufacture of cement	4,246,501	4,513,625	5,330,778	5,566,198	5,964,433
Estimated rock for the manufacture of lime	2,164,298	2,131,563	2,163,427	2,154,987	2,274,211
Total (other than coal)	**92,717,355**	**96,501,810**	**101,599,774**	**120,462,449**	**132,686,509**

1. Uranium ore is not included.
Data for the years 1933-1945 are shown in Mineral Production of Canada, 1946.
Data for the years 1947-1951 are shown in General Review of the Mining Industry, 1951.

TABLE 17. Tonnage of Ore Mined[1] and Rock Quarried[2], by Provinces, 1951-1955

Province	1951	1952	1953	1954	1955
Newfoundland	2,654,713	2,617,399	3,699,509	5,438,153	7,940,676
Nova Scotia	3,726,395	3,648,167	3,722,578	13,688,431	4,636,728
New Brunswick	1,027,016	455,804	1,328,120	1,048,177	1,484,410
Quebec	32,103,438	33,679,910	34,972,673	40,338,566	50,624,193
Ontario	38,800,085	40,327,014	41,312,894	43,828,925	49,206,738
Manitoba	2,736,240	2,013,792	2,257,143	2,514,433	2,921,792
Saskatchewan	1,646,504	1,489,463	1,065,509	1,230,987	1,228,285
Alberta	436,489	542,283	779,817	780,744	792,055
British Columbia	9,118,240	11,183,604	11,785,831	10,782,055	13,090,597
Northwest Territories	381,161	410,545	483,517	575,429	597,270
Yukon	87,074	133,829	192,183	236,549	163,765
Canada (excluding coal)	**92,717,355**	**96,501,810**	**101,599,774**	120,462,449	132,686,509

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

TABLE 18. Yearly Average Prices of Copper, Lead, Zinc and Silver, from 1936

(Copper, lead and zinc in U.S. cents per pound; silver, U.S. cents per ounce)

(From the American Bureau of Metal Statistics)

Year	Copper New York	Lead New York	Zinc	Silver New York	Year	Copper New York	Lead New York	Zinc St. Louis	Silver New York
	Yearly average	Yearly average	Yearly average	Yearly average [1]		Yearly average	Yearly average	Yearly average	Yearly average [1]
1936	9.474	4.710	4.901	45.087	1946	13.820	8.109	8.726	80.151
1937	13.167	6.009	6.519	44.883	1947	20.958	14.673	10.500	71.820
1938	10.000	4.739	4.610	43.225	1948	22.038	18.043	13.589	74.361
1939	10.965	5.053	5.110	39.082	1949	19.202	15.364	12.144	71.930
1940	11.296	5.179	6.335	34.773	1950	21.235	13.296	13.866	74.169
1941	11.797	5.793	7.474	34.783	1951	24.200	17.500	18.000	89.368
1942	11.775	6.481	8.250	38.333	1952	24.200	16.467	16.215	84.941
1943	11.775	6.500	8.250	44.750	1953	28.798	13.489	10.855	85.188
1944	11.775	6.500	8.250	44.750	1954	29.694	14.054	10.681	85.250
1945	11.775	6.500	8.250	51.928	1955	37.491	15.138	12.299	89.099

1. 1936-1955 for other than newly-mined domestic.

TABLE 19. Average Annual Metal Prices, in Canadian Dollars, 1936-1955

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]
	$	$	$	$	$		$	$	$	$	$
1936	35.03	0.451	0.0948	0.039	0.033	1946	36.75	0.8365	0.128	0.0675	0.0781
1937	34.99	0.449	0.131	0.051	0.0490	1947	35.00	0.72	0.2039	0.1367	0.1123
1938	35.17	0.435	0.0997	0.034	0.031	1948	35.00	0.75	0.2235	0.1804	0.1393
1939	36.14	0.405	0.101 [2]	0.032	0.031	1949	36.00	0.7425	0.1997	0.158	0.1325
1940	38.50	0.382	0.101	0.034	0.034	1950	38.05	0.8082	0.2342	0.1445	0.1565
1941	38.50	0.3826	0.101	0.034	0.034	1951	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

1. Based on New York; 1933-1942 based on London.
2. Based on London; prices controlled by Government 1939-1947. Based on New York 1947-1950. Montreal prices in 1951-1954.

TABLE 20. Production of Leading Mineral Products, by Months, 1953-1955

No.		Asbestos	Cement	Clay products	Coal	Copper	Gold	Gypsum
		tons	barrels	$	tons	pounds	ounces	tons
	1953							
1	January	69,820	1,038,573	1,789,424	1,790,441	47,648,484	370,132	174,733
2	February	65,337	1,179,271	1,796,541	1,280,095	41,794,426	351,811	167,196
3	March	75,233	1,803,688	2,047,971	1,296,952	48,078,509	378,037	214,064
4	April	82,540	1,972,328	2,196,275	1,128,964	44,394,870	368,609	232,799
5	May	82,474	2,251,114	2,618,042	1,111,891	44,598,138	367,450	308,461
6	June	82,805	2,192,700	2,722,243	1,127,404	44,220,731	361,197	393,024
7	July	73,076	2,187,370	2,879,304	1,073,590	45,601,755	367,205	477,279
8	August	72,752	2,014,200	2,597,772	832,470	42,874,720	327,680	587,961
9	September	77,844	2,213,215	2,907,590	1,323,091	39,201,564	333,587	444,117
10	October	80,713	2,107,809	3,035,825	1,651,286	38,046,927	283,948	344,093
11	November	84,238	2,051,141	2,848,066	1,631,015	34,512,601	272,389	296,295
12	December	64,394	1,226,926	2,338,678	1,653,474	35,531,349	273,678	201,435
13	**Total**	**911,226**	**22,238,335**	**29,777,731**	**15,900,673**	**506,504,074**	**4,055,723**	**3,841,457**
	1954							
14	January	56,800	889,594	1,699,694	1,626,528	34,760,959	294,000	169,182
14	February	61,629	1,186,065	1,886,123	1,376,087	37,019,796	311,653	191,925
16	March	74,775	1,761,196	2,336,470	1,267,600	53,407,117	369,350	183,692
17	April	82,950	1,835,407	2,122,501	1,121,486	55,245,661	357,839	226,302
18	May	79,709	2,303,697	2,740,313	972,539	55,854,096	383,556	372,045
19	June	78,960	2,592,344	3,327,262	1,068,506	52,230,151	377,274	454,633
20	July	70,383	2,558,313	3,369,334	870,125	53,198,403	380,885	449,783
21	August	80,783	2,304,809	3,289,747	796,465	53,624,165	369,434	475,657
22	September	90,834	2,079,125	3,175,773	1,258,368	47,544,822	373,810	452,828
23	October	88,610	1,956,985	3,022,761	1,416,937	54,585,157	378,887	474,964
24	November	87,443	1,904,811	3,024,104	1,590,522	52,643,755	385,350	291,409
25	December	71,240	1,065,131	2,366,016	1,548,416	55,349,960	384,402	208,002
26	**Total**	**924,116**	**22,437,477**	**32,360,098**	**14,913,579**	**605,464,042**	**4,366,440**	**3,950,422**
	1955							
27	January	61,609	905,085	1,795,121	1,449,585	52,940,950	366,175	184,483
28	February	68,520	889,592	1,748,264	1,276,643	50,519,666	350,572	163,671
29	March	78,524	1,342,920	2,243,557	1,400,907	53,771,601	371,884	223,202
30	April	98,658	1,777,864	2,265,983	946,447	50,604,597	369,866	279,930
31	May	94,465	2,889,185	3,369,754	1,028,419	51,637,064	383,464	387,630
32	June	91,389	3,291,407	3,808,114	940,505	55,169,012	373,078	444,581
33	July	83,476	2,832,571	3,466,685	784,995	53,162,106	384,460	538,029
34	August	98,799	3,041,077	3,726,739	820,510	54,243,836	385,717	488,216
35	September	95,039	2,763,633	3,717,861	1,257,328	55,376,246	394,312	548,460
36	October	97,656	2,485,750	3,563,074	1,414,960	55,366,941	395,202	550,199
37	November	112,626	2,011,518	3,281,641	1,769,929	54,387,477	388,040	529,153
38	December	83,041	937,862	2,272,977	1,728,652	64,807,927	379,192	330,947
39	**Total**	**1,063,802**	**25,168,464**	**35,259,770**	**14,818,880**	**651,987,423**	**4,541,962**	**4,667,901**

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

TABLE 20. Production of Leading Mineral Products, by Months, 1953-1955

Iron ore	Lead	Lime	Natural gas	Nickel	Petroleum	Salt	Silver	Zinc	No.
tons	pounds	tons	M cu. ft.	pounds	barrels	tons	ounces	pounds	
220,982	38,134,135	98,589	11,921,886	25,033,291	5,287,552	80,125	2,441,898	65,341,691	1
226,523	33,476,444	88,659	9,245,963	21,323,949	4,767,993	69,206	2,240,200	66,923,239	2
176,529	28,305,349	101,372	9,589,577	24,535,699	5,000,214	72,412	2,470,626	73,952,371	3
328,193	36,979,309	103,961	8,511,119	23,681,904	5,389,750	74,219	3,064,215	66,817,512	4
762,846	31,980,751	108,694	7,058,043	23,219,384	6,133,857	84,561	2,514,756	66,731,448	5
740,421	30,343,800	106,332	6,011,037	23,393,455	6,809,331	79,691	2,496,972	66,090,612	6
869,373	23,810,792	102,246	5,516,752	23,602,073	8,064,582	76,025	2,360,535	68,236,003	7
787,860	27,427,595	90,640	5,745,640	23,823,121	8,298,877	82,518	2,018,386	65,807,563	8
800,405	28,370,267	101,708	6,688,895	24,061,281	8,235,354	85,977	2,061,302	67,318,731	9
700,717	32,153,995	113,350	8,153,476	24,938,447	7,237,219	83,594	2,087,659	69,505,152	10
582,314	38,338,728	112,369	10,254,017	25,528,254	7,596,487	83,291	2,206,688	61,548,430	11
313,655	38,090,423	100,840	12,289,518	24,244,919	8,097,681	83,309	2,336,098	63,250,543	12
6,509,818	**387,411,588**	**1,228,760**	**100,985,923**	**287,385,777**	**80,898,897**	**954,928**	**28,299,335**	**803,523,295**	13
237,105	35,422,934	90,606	15,078,439	25,529,066	8,020,985	77,421	2,603,593	54,192,617	14
115,184	33,826,440	94,611	11,190,860	23,748,884	7,617,112	73,845	2,068,740	50,671,167	15
64,045	34,198,553	100,903	11,887,456	27,237,787	6,192,870	73,689	2,352,392	58,272,111	16
132,950	38,894,932	96,043	10,425,699	26,029,230	5,377,799	75,751	2,745,615	63,575,220	17
662,589	39,897,113	107,402	8,393,004	26,916,596	7,162,693	77,569	2,564,919	60,800,308	18
954,174	38,135,833	109,679	7,419,045	26,537,691	7,869,298	79,712	2,769,694	60,246,120	19
850,099	37,165,394	102,787	6,744,214	25,802,801	9,182,320	76,377	2,717,859	64,722,736	20
992,271	36,787,616	101,169	6,920,083	26,855,764	9,136,216	80,617	2,840,385	65,643,359	21
1,410,216	34,634,054	99,153	7,475,150	27,042,487	8,864,351	77,617	2,804,384	62,990,681	22
1,337,961	33,241,463	106,102	10,195,984	28,645,824	8,720,081	88,793	2,461,823	70,026,151	23
851,382	36,610,469	109,652	11,382,133	28,317,665	8,292,067	91,266	2,823,719	69,154,965	24
183,382	38,175,687	96,732	13,623,147	29,894,166	9,644,550	97,230	2,364,826	72,686,918	25
7,361,598	**436,990,488**	**1,214,839**	**120,735,214**	**322,557,961**	**96,080,345**	**969,887**	**31,117,949**	**752,982,353**	26
109,021	37,917,656	101,748	14,788,834	28,774,869	9,960,527	92,536	2,232,386	72,976,751	27
83,704	30,036,499	97,638	13,928,526	26,749,976	9,151,131	82,601	2,010,506	64,136,319	28
93,099	38,226,700	110,550	14,801,730	31,087,194	9,576,365	81,357	2,413,591	73,348,110	29
199,478	35,778,916	108,294	11,073,413	30,022,506	7,629,234	76,137	2,324,287	69,438,428	30
1,474,369	33,616,427	109,966	10,032,046	30,704,167	9,710,797	89,264	2,255,620	74,734,761	31
2,129,963	36,099,695	112,783	8,834,825	29,565,561	10,628,824	93,433	2,382,980	67,106,840	32
2,438,241	33,799,589	107,194	8,639,072	28,959,360	12,386,306	82,588	2,347,380	66,936,125	33
2,675,718	33,852,094	111,957	8,788,637	29,550,988	11,865,673	116,476	2,470,607	74,658,688	34
2,457,511	32,382,501	113,637	10,386,077	27,468,451	10,893,206	127,666	2,416,829	74,062,890	35
2,474,759	27,725,216	126,215	12,806,577	28,721,478	12,572,281	129,355	2,472,990	80,893,829	36
1,890,095	30,557,133	124,787	17,357,885	28,580,835	12,325,693	136,581	2,213,991	76,280,502	37
397,219	35,532,612	106,349	19,334,690	29,671,612	12,540,210	136,767	2,443,037	72,140,795	38
16,283,177	405,525,038	1,331,118	150,772,312	349,856,997	129,440,247	1,244,761	27,984,204	866,714,038	39

TABLE 21. Principal Statistics of the Mineral Industry, by Industries, 1951-1955

Year	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies and containers	Gross[1] value of production	Net[2] value added by processing
	No.	No.	$	$	$	$	$
	Metal Mining Industries						
	Alluvial gold mines						
1951	47	362	1,553,103	44,678	507,830	3,572,516	2,951,342
1952	39	361	1,638,672	33,298	417,153	3,181,730	2,662,952
1953	56	306	1,372,504	75,791	133,607	2,137,321	1,878,310
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
	Auriferous quartz mines						
1951	211	22,126	68,739,531	7,791,586	26,677,361	136,703,452	100,059,503
1952	216	20,757	69,004,828	7,591,979	25,574,869	134,996,056	100,083,506
1953	173	18,751	60,920,362	6,876,895	22,670,232	122,381,725	91,408,605
1954	157	18,479	63,578,156	6,987,528	23,639,788	127,644,959	95,627,104
1955	136	18,032	63,961,744	7,080,925	24,496,662	134,476,377	101,382,077
	Copper-gold-silver-mines						
1951	82	6,223	21,545,660	2,085,608	8,257,819	123,162,228	92,331,995
1952	98	7,210	26,711,225	2,358,920	10,917,464	115,667,391	80,668,817
1953	84	7,476	27,582,448	2,887,253	9,447,227	100,852,281	68,881,908
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
	Silver-cobalt mines						
1951	22	514	1,406,783	148,661	299,084	4,539,842	3,640,348
1952	19	696	2,161,894	279,709	474,083	4,770,635	3,556,975
1953	14	739	2,204,274	301,197	428,963	4,623,407	3,235,991
1954	15	808	2,614,266	273,024	466,390	5,294,499	4,103,[illegible]
1955	14	762	2,598,437	264,015	470,270	5,534,895	4,350,174
	Silver-lead-zinc mines						
1951	168	9,324	30,380,859	3,090,958	10,382,057	185,692,981	131,909,[illegible]
1952	177	10,331	37,643,614	4,417,393	10,192,616	165,126,784	104,937,[illegible]
1953	143	7,144	28,695,473	3,836,581	10,074,160	123,803,184	67,898,350
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
	Nickel-copper mines						
1951	11	9,831	34,974,971	1,541,642	8,640,427	64,352,735	54,170,666
1952	22	10,820	42,151,955	1,937,910	10,080,061	71,740,630	59,694,630
1953	32	11,511	47,596,673	2,359,492	12,413,362	81,173,678	64,973,869
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
	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
	Miscellaneous metal mines						
1951	31	3,891	12,251,755	1,864,309	3,299,651	31,474,736	21,765,843
1952	47	5,163	18,370,772	2,582,194	5,758,407	39,643,078	25,523,464
1953	54	5,784	23,023,639	3,132,808	6,907,890	51,076,472	35,136,282
1954[3]	180	6,494	24,603,658	3,553,358	10,174,222	83,379,952	66,138,130
1955[3]	223	2,826	12,663,195	1,844,436	4,355,385	35,103,488	28,305,111
	Total Metal Mining						
1951	**572**	**52,271**	**170,852,662**	**16,567,442**	**58,064,229**	**549,498,490**	**406,828,912**
1952	**618**	**55,338**	**197,682,960**	**19,201,403**	**63,414,653**	**535,126,304**	**377,127,346**
1953	**556**	**51,711**	**191,395,373**	**19,470,017**	**62,075,441**	**486,048,068**	**333,413,315**
1954	**693**	**51,599**	**195,196,870**	**20,651,237**	**67,571,041**	**555,991,882**	**389,226,573**
1955	**794**	**53,364**	**211,248,550**	**22,525,452**	**72,514,401**	**669,762,060**	**465,927,453**

1. See footnote at end of table.
2. Gross value, less the cost of fuel, electricity, process supplies, containers, freight and treatment charges.
3. Includes data of uranium mines. – Data not available for 1941-1953.

Note. The number of producing metal mines was as follows: in 1950 – 254; in 1951 – 245; in 1952 – 242; in 1953 – 220; in 1954 – 200.

TABLE 21. Principal Statistics of the Mineral Industry, by Industries, 1951-1955 — Continued

Year	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies and containers	Gross[1] value of production	Net value[2] added by processing
	No.	No.	$	$	$	$	$
	Metal Mining Industries — Concluded						
	Smelting and refining						
1951	17	22,814	75,474,505	44,684,200	553,658,941[3]	861,315,930	262,972,789
1952	18	24,608	87,964,295	50,571,452	519,781,231[3]	837,074,065	266,721,382
1953	18	25,115	94,545,611	52,594,155	508,116,759[3]	870,918,142	310,207,228
1954	22	26,048	102,595,970	55,225,387	515,315,655[3]	922,578,998	352,037,956
1955	24	28,606	118,139,378	56,948,510	710,762,890[3]	1,211,716,481	444,005,081
	Total Metals						
1951	**589**	**75,085**	**246,327,167**	**61,251,642**	**611,723,170**	See note	**669,801,701**
1952	**636**	**79,946**	**285,647,255**	**69,772,855**	**583,195,884**	at end	**643,848,728**
1953	**574**	**76,826**	**285,940,984**	**72,064,172**	**570,192,200**	of table	**643,620,543**
1954	**715**	**77,647**	**297,792,840**	**75,876,624**	**582,886,696**		**741,264,529**
1955	**818**	**81,970**	**329,437,828**	**79,473,962**	**783,277,291**		**909,932,534**
	Non-metal Mining Industries						
	Asbestos						
1951	24	5,923	20,024,208	2,988,149	10,085,645	81,624,009	68,550,215
1952	23	6,318	23,625,431	3,092,959	10,044,266	89,295,426	76,158,201
1953	24	6,482	24,567,463	3,783,653	10,305,046	86,078,924	71,990,225
1954	25	6,563	24,850,100	4,130,806	9,924,166	86,441,436	72,386,464
1955	30	6,729	28,116,049	5,117,137	11,180,264	99,675,651	83,378,250
	Feldspar, quartz and nepheline syenite						
1951	33	532	1,402,294	263,586	335,049	3,926,523	3,184,952
1952	34	426	1,251,943	266,517	261,514	3,704,425	3,044,081
1953	33	431	1,358,308	245,160	255,741	4,010,191	3,375,154
1954	29	377	1,193,766	204,695	290,080	3,662,181	3,107,993
1955	33	414	1,359,695	236,024	262,907	4,510,375	3,734,690
	Gypsum						
1951	13	1,018	2,648,803	455,915	1,704,669	5,881,546	3,720,962
1952	14	1,061	2,979,091	517,859	1,843,824	6,538,074	4,176,391
1953	14	954	2,891,848	371,362	1,687,846	7,399,884	5,340,676
1954	14	932	2,929,829	355,302	1,811,188	7,095,779	4,929,289
1955	14	944	2,874,198	414,297	1,776,138	8,037,153	5,846,718
	Iron oxides (ochres)						
1951	5	43	87,283	22,896	3,651	262,277	219,852
1952	4	45	93,423	25,166	840	194,922	153,055
1953	4	37	83,095	23,776	2,250	195,801	152,958
1954	3	31	67,564	21,822	3,904	186,856	150,871
1955	4	33	71,781	21,931	3,931	165,928	121,772
	Mica						
1951	31	138	182,033	14,580	18,148	447,650	414,922
1952	28	115	168,176	15,674	19,140	194,106	159,292
1953	44	105	152,284	14,811	11,540	161,128	134,777
1954	32	44	59,194	7,778	6,154	85,139	71,207
1955	33	31	42,495	6,491	5,157	78,375	66,727
	Peat						
1951	37	859	1,247,619	111,047	720,387	3,149,444	2,318,010
1952	36	1,042	1,601,825	97,671	835,269	3,257,357	2,324,417
1953	36	955	1,579,715	118,127	866,870	3,432,093	2,447,096
1954	40	880	1,736,002	141,004	999,791	3,965,572	2,824,777
1955	39	1,180	2,109,166	165,496	1,184,589	4,651,411	3,301,326

1. See footnote at end of table.
2. Gross value, less the cost of fuel, electricity, process supplies, containers, freight and treatment charges.
3. Cost of ores and concentrates are included in smelting and refining data and in total metals.

TABLE 21. Principal Statistics of the Mineral Industry, by Industries, 1951-1955 — Continued

Year	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies and containers	Gross[1] value of production	Net value[2] added by processing
	No.	No.	$	$	$	$	$
	Non-metal Mining Industries — Concluded						
	Salt						
1951	12	689	1,633,222	973,257	1,596,119	9,201,265	6,631,889
1952	12	651	1,907,219	1,045,911	2,014,335	9,056,079	5,995,833
1953	12	676	1,957,318	959,927	1,866,106	8,405,789	5,579,756
1954	13	669	2,067,424	758,120	1,944,611	9,854,135	7,151,404
1955	13	691	2,347,080	1,019,017	2,280,268	11,869,077	8,569,792
	Talc and soapstone						
1951	3	50	109,522	25,474	32,530	305,338	242,383
1952	3	54	117,144	24,430	48,852	303,118	228,924
1953	3	54	132,934	32,707	30,608	308,497	245,182
1954	4	53	134,437	35,545	65,209	389,048	288,294
1955	4	50	130,221	38,689	63,122	392,667	290,831
	Miscellaneous non-metal mines						
1951	39	1,359	3,699,789	1,471,290	1,063,878	8,914,360	6,209,886
1952	42	1,535	4,257,845	1,327,929	1,169,297	9,299,130	6,679,777
1953	40	1,405	4,168,645	1,261,364	1,161,201	9,987,665	7,505,860
1954	47	1,343	4,839,822	1,419,441	1,202,247	10,421,552	7,716,472
1955	73	1,650	5,340,186	1,597,371	1,665,679	10,987,755	7,561,714
	Total Non-metal Mining Industries						
1951	197	10,611	31,034,773	6,326,194	15,560,076	113,712,412	91,493,071
1952	196	11,247	36,002,097	6,414,116	16,237,337	121,842,637	98,919,971
1953	210	11,099	36,891,610	6,810,887	16,187,208	119,979,972	96,771,684
1954	207	10,892	37,878,138	7,074,513	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
	Fuels Industries						
	Coal						
1951	315	22,647	63,127,966	4,678,302	11,869,165	109,038,835	92,491,368
1952	271	21,754	66,028,224	5,405,040	13,554,188	111,026,149	92,066,921
1953	241	19,847	59,350,290	5,969,108	12,177,328	102,721,875	84,575,439
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
	Natural gas						
1951	3,985	2,658	6,491,234	126,301	48,583	6,691,223	6,516,339
1952	4,132	2,573	7,296,092	95,722	240,944	5,654,051	5,517,385
1953	3,688	2,769	8,073,532	291,366	45,911	6,856,501	6,519,224
1954	3,572	2,887	8,864,662	287,009	69,395	8,286,809	7,930,405
1955	3,659	2,849	9,070,036	279,472	199,108	9,194,119	8,715,539
	Petroleum						
1951	4,761	3,185	11,518,781	1,110,966	2,099,527	116,365,729	113,155,236
1952	5,833	3,702	14,610,821	1,911,794	2,502,154	139,596,851	135,182,903
1953	7,506	4,150	16,430,201	2,447,173	3,020,756	204,481,012	199,013,063
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
	Total Fuels						
1951	9,061	28,490	81,137,981	5,915,569	14,017,275	232,095,787	212,162,943
1952	10,236	28,029	87,935,137	7,412,556	16,297,286	256,477,051	232,767,209
1953	11,435	26,766	83,854,023	8,707,647	15,243,995	314,059,388	290,107,746
1954	12,357	24,807	78,271,162	8,068,113	14,863,719	352,741,441	329,809,609
1955	14,329	23,458	76,343,685	8,583,651	16,337,385	413,440,266	388,519,230

1. See footnote at end of table.
2. Gross value, less the cost of fuel, electricity, process supplies, containers, freight and treatment charges.

TABLE 21. Principal Statistics of the Mineral Industry, by Industries, 1951-1955 – Concluded

Year	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies and containers	Gross value of production	Net value added by processing
	No.	No.	$	$	$	$	$
	Clay Products and Other Structural Materials						
	Clay products						
1951	129	3,737	9,731,657	4,414,072	794,483	23,527,656	18,319,101
1952	133	3,568	9,812,214	4,276,092	840,756	24,961,528	19,844,680
1953	125	3,719	10,833,628	4,843,283	799,534	29,777,731	24,134,914
1954	125	3,929	12,112,490	5,253,397	770,415	32,360,098	26,336,286
1955	118	4,118	12,850,485	5,287,490	886,736	36,353,183	30,178,957
	Cement						
1951	10	1,931	6,242,900	9,068,296	7,324,048	43,023,845	26,631,501
1952	11	2,239	7,849,057	9,754,104	8,611,572	51,029,930	32,664,254
1953	11	2,391	8,873,694	11,327,001	10,472,651	62,227,924	40,428,272
1954	12	2,575	9,802,707	11,576,516	10,667,304	62,196,947	39,953,127
1955	12	2,801	10,962,895	12,970,470	11,505,305	68,812,666	44,336,891
	Lime						
1951	44	1,096	3,053,802	3,358,701	921,266	14,670,197	10,390,230
1952	42	1,005	3,145,246	3,420,265	1,014,789	14,219,453	9,784,399
1953	42	1,057	3,278,434	3,387,340	1,221,547	15,209,107	10,600,220
1954	40	1,012	3,349,881	3,382,054	1,295,963	15,488,731	10,810,714
1955	39	1,099	3,776,481	3,474,710	1,308,751	16,576,891	11,793,430
	Sand and gravel						
1951	7,591	4,060	10,414,559	1,793,551	516,258	44,627,559	42,317,750
1952	8,210	4,185	12,354,505	1,916,607	756,638	51,339,043	48,665,798
1953	7,623	4,377	13,253,953	2,165,707	1,360,545	53,485,401	49,959,149
1954	7,891	4,437	13,717,851	2,371,970	712,905	58,987,671	55,902,796
1955	7,999	4,360	14,442,413	2,635,407	723,540	67,775,053	64,416,106
	Stone						
1951	536	3,861	9,218,694	1,915,948	2,761,374	28,649,768	23,972,446
1952	493	3,897	10,230,640	2,022,599	2,853,477	30,835,356	25,959,280
1953	488	3,803	10,139,192	1,791,797	2,896,537	30,613,051	25,924,717
1954	557	4,146	12,380,804	2,307,791	3,354,439	39,857,134	34,194,904
1955	557	4,108	12,390,943	2,334,445	3,137,050	43,736,687	38,265,192
	Total Clay Products and Other Structural Materials						
1951	**8,310**	**14,685**	**38,661,612**	**20,550,568**	**12,317,429**	**154,499,025**	**121,631,028**
1952	**8,889**	**14,894**	**43,391,662**	**21,389,667**	**14,077,232**	**172,385,310**	**136,918,411**
1953	**8,289**	**15,347**	**46,378,901**	**23,515,128**	**16,750,814**	**191,313,214**	**151,047,272**
1954	**8,625**	**16,099**	**51,363,733**	**24,891,728**	**16,801,026**	**208,890,581**	**167,197,827**
1955	**8,725**	**16,486**	**54,423,217**	**26,702,522**	**17,561,382**	**233,254,480**	**188,990,576**
	GRAND TOTAL OF ALL INDUSTRIES						
1951	**18,157**	**128,871**	**397,161,533**	**94,043,973**	**653,617,950**	See note	**1,095,088,743**
1952	**19,957**	**134,116**	**452,976,151**	**104,989,194**	**629,807,739**		**1,112,454,319**
1953	**20,508**	**130,038**	**453,065,518**	**111,097,834**	**518,374,217**	below	**1,181,547,245**
1954	**21,904**	**129,445**	**465,305,873**	**115,910,978**	**630,798,791**		**1,336,898,736**
1955	**24,115**	**133,636**	**502,595,701**	**123,376,588**	**835,598,113**		**1,600,314,160**

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

Because of the inclusion of figures for the non-ferrous smelting and refining industry, there would be considerable duplication in the overall gross value of production. Excluding smelters and refineries, the gross value of production for the mineral industries was as follows: in 1951 – $1,049,805,714; in 1952 – $1,085,831,302; in 1953 – $1,111,400,642; in 1954 – $1,239,722,602; in 1955 – $1,456,825,198.

TABLE 22. Principal Statistics of the Mineral Industry, by Provinces, 1951-1955

Year	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies, ores and containers	Net value[1] added by processing
	No.	No.	$	$	$	$
	Newfoundland					
1951	769	4,114	10,984,035	963,243	1,882,280	25,331,153
1952	783	4,585	13,835,288	1,273,712	2,276,278	20,900,527
1953	903	4,541	15,567,726	1,373,014	3,421,914	22,003,003
1954	935	4,239	14,453,655	1,407,014	3,888,315	27,904,242
1955	963	4,273	14,768,356	1,526,686	3,636,792	43,810,350
	Nova Scotia					
1951	615	13,799	37,388,122	3,003,049	7,960,007	49,170,075
1952	621	13,578	40,857,352	3,455,524	9,328,800	51,711,623
1953	540	13,037	39,236,701	4,473,814	9,600,075	53,075,567
1954	550	12,899	38,482,669	3,967,225	9,844,944	59,111,757
1955	435	11,895	35,221,162	3,755,791	9,355,570	53,220,581
	New Brunswick					
1951	383	1,526	3,283,050	721,627	808,394	8,086,267
1952	379	1,596	4,096,170	1,243,073	1,068,316	9,165,221
1953	383	1,755	4,545,645	1,375,329	1,299,981	9,276,970
1954	453	1,930	5,080,813	1,483,688	1,288,379	9,992,761
1955	510	2,221	6,491,864	1,723,548	1,526,965	12,742,214
	Quebec					
1951	4,288	30,349	92,213,392	39,715,036	224,166,813	270,477,503
1952	4,867	33,010	108,515,942	43,798,324	214,044,898	299,378,307
1953	4,059	33,095	113,001,528	46,850,801	236,547,438	298,136,878
1954	4,186	33,784	118,958,503	48,597,456	240,256,827	340,569,396
1955	4,366	36,068	135,625,841	52,093,927	376,642,782	411,667,591
	Ontario					
1951	6,832	43,451	138,056,626	32,820,993	208,388,799	365,526,388
1952	6,870	44,172	154,267,119	34,962,169	215,872,103	360,214,198
1953	6,436	44,427	159,013,933	36,933,349	231,583,693	380,609,197
1954	6,389	44,872	166,924,014	38,990,938	250,260,905	406,749,120
1955	6,545	45,253	175,160,318	39,599,001	297,860,906	480,392,319
	Manitoba					
1951	218	2,632	9,091,188	2,612,672	20,604,300	23,181,449
1952	274	3,336	12,946,522	2,795,214	14,201,053	16,986,904
1953	321	2,793	10,794,413	2,433,900	11,725,887	17,757,044
1954	551	2,831	10,885,823	2,656,241	7,549,980	26,672,764
1955	872	3,517	14,259,341	3,187,053	10,312,891	37,044,979

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

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

TABLE 22. Principal Statistics of the Mineral Industry, by Provinces, 1951-1955 — Concluded

Year	Establishments	Employees	Earnings	Cost of fuel and electricity[1]	Cost of process supplies, ores and containers	Net value added by processing
	No.	No.	$	$	$	$
	Saskatchewan					
1951	517	2,930	10,891,010	2,411,857	35,844,152	42,577,100
1952	761	2,113	8,024,308	2,715,741	27,120,228	40,505,709
1953	1,197	2,955	11,346,088	3,104,617	29,822,996	36,416,822
1954	1,597	3,607	15,181,543	3,906,294	15,134,774	57,903,741
1955	2,123	3,990	17,766,069	4,808,109	21,444,211	69,199,727
	Alberta					
1951	3,493	12,198	37,095,311	3,633,212	7,464,431	156,633,663
1952	4,387	12,107	39,677,562	4,669,767	8,696,897	177,256,475
1953	5,598	11,313	37,555,287	5,056,995	8,390,279	236,186,969
1954	6,150	10,069	34,228,685	5,310,891	9,934,659	266,839,682
1955	7,235	9,540	34,371,452	5,148,897	13,759,562	320,395,543
	British Columbia					
1951	981	16,273	51,117,166	6,972,449	144,989,314	140,575,198
1952	956	17,820	62,223,703	8,631,530	135,172,095	121,282,853
1953	1,008	14,488	53,928,687	8,026,578	84,307,476	111,129,794
1954	1,021	13,420	52,079,596	8,048,365	89,301,415	108,639,931
1955	979	15,029	59,481,061	9,751,648	98,737,589	140,742,540
	Northwest Territories					
1951	35	904	3,822,078	848,438	879,252	6,466,033[2]
1952	37	959	4,106,791	860,602	1,144,090	6,736,867[2]
1953	41	791	3,686,321	767,078	769,909	8,675,331[2]
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
	Yukon					
1951	26	695	3,219,555	341,397	630,208	7,063,914
1952	24	840	4,425,394	583,538	882,981	8,315,635
1953	22	843	4,389,189	702,359	904,569	8,279,670
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
	Canada					
1951	**18,157**	**128,871**	**397,161,533**	**94,043,973**	**653,617,950**	**1,095,088,743**
1952	**19,958**	**134,116**	**452,976,151**	**104,989,194**	**629,807,739**	**1,112,454,319**
1953	**20,508**	**130,038**	**453,065,518**	**111,097,834**	**618,374,217**	**1,181,547,245**
1954	**21,904**	**129,445**	**465,305,873**	**115,910,978**	**630,798,791**	**1,336,898,736**
1955	**24,115**	**133,636**	**502,595,701**	**123,376,588**	**835,607,154**	**1,600,314,160**

1. Includes fuel and electricity used for metallurgical purposes.
2. Data on pitchblende not included.

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

TABLE 23. Employees and their Earnings in the Mineral Industry, by Industries, 1955

Industry	Number of employees					Number of man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total[1]		Office and adminis-trative	Workmen	Total
	Male	Female	Male	Female					
							$	$	$
Metal mining:									
Alluvial gold	14	2	321	8	345	746,727	53,475	1,427,393	1,480,868
Auriferous quartz	1,695	169	16,099	69	18,032	41,757,023	8,943,675	55,018,069	63,961,744
Copper-gold-silver	1,210	171	7,568	76	9,025	20,497,165	6,608,138	29,783,322	36,391,460
Silver-cobalt	92	7	658	5	762	1,706,610	424,348	2,174,089	2,598,437
Silver-lead-zinc	951	93	5,405	80	6,529	14,563,682	5,285,716	21,456,054	26,741,770
Nickel-copper	962	48	9,931	12	10,953	21,339,338	5,952,116	42,718,686	48,670,802
Iron	543	84	4,238	27	4,892	9,987,875	2,809,482	15,930,792	18,740,274
Miscellaneous metals	542	55	2,215	14	2,826	6,787,269	2,720,159	9,943,036	12,663,195
Smelting and refining	3,954	647	23,956	49	28,606	65,152,159	23,771,907	94,417,471	118,189,378
Total metal	**9,963**	**1,276**	**70,391**	**340**	**81,970**	**182,537,848**	**56,569,016**	**272,868,912**	**329,437,928**
Non-metallics:									
Asbestos	819	124	5,764	22	6,729	15,165,117	4,626,636	23,489,413	28,116,049
Feldspar and quartz	61	9	344	–	414	891,274	315,211	1,044,484	1,359,695
Gypsum	93	8	841	2	944	2,177,817	381,395	2,492,803	2,874,198
Iron oxides	1	1	31	–	33	55,934	7,473	64,308	71,781
Mica	1	–	28	2	31	44,117	3,600	38,895	42,495
Peat	43	19	1,072	46	1,180	1,913,383	188,146	1,921,020	2,109,166
Salt	99	24	515	53	691	1,476,322	493,964	1,853,116	2,347,080
Talc and soapstone	7	1	42	–	50	126,986	32,075	98,146	130,221
Miscellaneous	179	19	1,447	5	1,650	3,205,343	734,172	4,606,014	5,340,186
Total non-metallic	**1,303**	**205**	**10,084**	**130**	**11,722**	**25,056,293**	**6,782,672**	**35,608,199**	**42,390,871**
Fuels:									
Coal	1,408	47	15,135	–	16,590	30,983,872	5,149,725	45,175,662	50,325,387
Natural gas	417	253	2,149	30	2,849	6,167,918	2,344,307	6,725,729	9,070,036
Petroleum	847	161	2,986	25	4,019	10,031,173	4,979,505	11,968,757	16,948,262
Total fuels	**2,672**	**461**	**20,270**	**55**	**23,458**	**47,182,963**	**12,473,537**	**63,870,148**	**76,343,685**
Structural materials:									
Cement	245	38	2,515	3	2,801	6,166,593	1,267,575	9,695,320	10,962,895
Clay products	258	46	3,743	71	4,118	9,612,125	1,220,077	11,630,408	12,850,485
Lime	80	12	1,005	2	1,099	2,790,468	381,009	3,395,472	3,776,481
Sand and gravel	287	54	4,010	9	4,360	13,020,825	1,203,165	13,239,248	14,442,413
Stone	365	34	3,702	7	4,108	10,106,756	1,408,140	10,982,803	12,390,943
Total structural	**1,235**	**184**	**14,975**	**92**	**16,486**	**41,696,767**	**5,479,966**	**48,943,251**	**54,423,217**
Total mineral industry	**15,173**	**2,126**	**115,720**	**617**	**133,636**	**296,473,871**	**81,305,191**	**421,290,510**	**502,595,701**

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

TABLE 24. Employees and their Earnings in the Mineral Industry, by Provinces, 1955

Province	Number of employees					Number of man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total		Office and adminis-trative	Workmen	Total
	Male	Female	Male	Female					
							$	$	$
Newfoundland	389	46	3,796	42	4,273	9,465,923	1,756,361	13,011,995	14,768,356
Nova Scotia	978	22	10,873	22	11,895	23,841,521	3,308,473	31,912,689	35,221,162
New Brunswick	188	26	1,982	25	2,221	4,939,932	926,966	5,564,898	6,491,864
Quebec	4,229	544	31,213	82	36,068	87,767,656	22,590,785	113,035,056	135,625,841
Ontario	4,643	729	39,756	125	45,253	97,717,096	26,155,166	149,005,152	175,160,318
Manitoba	451	87	2,939	40	3,517	7,965,404	2,625,998	11,633,343	14,259,341
Saskatchewan	716	107	3,154	13	3,990	9,632,698	3,904,630	13,861,439	17,766,069
Alberta	1,318	213	7,935	74	9,540	19,140,869	6,907,429	27,464,023	34,371,452
British Columbia	1,968	315	12,559	187	15,029	31,282,335	11,435,870	48,045,191	59,481,061
Northwest Territories	203	26	798	1	1,028	2,629,730	1,154,494	3,979,485	5,133,979
Yukon	90	11	715	6	822	2,090,707	539,019	3,777,239	4,316,258
Canada	**15,173**	**2,126**	**115,720**	**617**	**133,636**	**296,473,871**	**81,305,191**	**421,290,510**	**502,595,701**

TABLE 25. Employees and Salaries and Wages in the Mineral Industry, 1946-1955

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec		Ontario		Manitoba	
	No.	$	No.	$	No.	$	No.	$	No.	$	No.	$
1946	–	–	14,560	27,572,966	1,600	2,363,247	22,799	41,793,277	31,244	63,895,634	2,242	4,446,790
1947	–	–	11,716	21,637,321	1,473	2,349,749	24,930	50,729,876	34,727	80,436,924	2,547	5,836,505
1948	–	–	13,957	32,491,530	1,639	3,039,036	27,809	64,395,934	36,079	95,046,248	2,736	7,156,024
1949	3,807	8,926,150	13,557	32,727,764	1,745	3,310,220	26,471	66,633,847	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	175,180,318	3,517	14,259,341

Year	Saskatchewan		Alberta		British Columbia		Northwest Territories		Yukon		Canada	
	No.	$	No.	$	No.	$	No.	$	No.	$	No.	$
1946	2,957	5,672,652	11,476	23,641,650	11,562	25,109,066	510	1,346,718	246	906,691	99,196	196,748,691
1947	2,831	6,856,253	11,365	25,528,877	13,546	31,631,916	836	2,468,094	548	2,085,089	104,519	229,560,604
1948	2,881	8,007,116	11,951	29,085,041	14,384	38,033,557	826	2,721,296	593	2,025,800	112,855	282,001,582
1949	3,079	9,404,837	12,260	32,180,770	14,632	40,465,801	826	2,694,496	502	2,061,062	116,507	309,647,178
1950	2,729	8,605,454	12,135	32,755,745	15,076	42,562,240	884	3,249,770	604	2,586,281	120,388	333,444,697
1951	2,930	10,891,010	12,198	37,095,311	16,273	51,117,166	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	452,976,151
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	17,766,069	9,540	34,371,452	15,029	59,481,061	1,028	5,133,979	822	4,316,258	133,636	502,595,701

TABLE 26. Employees and Earnings, by Provinces and by Mineral Classes, 1954 and 1955

Province	Metals		Non-metals		Fuels		Structural materials	
	Employees	Earnings	Employees	Earnings	Employees	Earnings	Employees	Earnings
	No.	$	No.	$	No.	$	No.	$
1954								
Newfoundland	3,147	10,725,316	441	1,562,365	–	–	651	2,165,974
Nova Scotia	303	946,133	1,048	3,040,116	10,637	31,856,282	911	2,640,138
New Brunswick	267	835,256	166	236,510	968	2,622,663	529	1,386,384
Quebec	21,416	77,048,093	7,010	25,256,427	–	–	5,358	16,653,983
Ontario	36,185	138,741,106	1,099	3,841,034	1,808	5,359,240	5,780	18,982,634
Manitoba	1,896	8,052,968	128	376,482	77	296,751	730	2,159,622
Saskatchewan	2,175	9,548,495	264	1,283,891	934	3,543,957	234	805,200
Alberta	290	1,200,004	46	142,479	8,914	30,125,152	819	2,761,050
British Columbia	10,213	41,803,764	690	2,138,834	1,430	4,328,250	1,087	3,808,748
Northwest Territories	813	3,956,924	–	–	24	69,494	–	–
Yukon	942	4,934,781	–	–	15	69,373	–	–
Canada	**77,647**	**297,792,840**	**10,892**	**37,878,138**	**24,807**	**78,271,162**	**16,099**	**51,363,733**
1955								
Newfoundland	3,095	10,750,186	512	1,605,473	–	–	666	2,412,697
Nova Scotia	254	848,270	1,116	3,208,652	10,073	30,051,041	452	1,113,199
New Brunswick	456	1,676,827	181	288,978	960	2,758,314	624	1,767,745
Quebec	23,053	88,700,696	7,398	28,584,806	–	–	5,617	18,340,339
Ontario	36,530	145,586,453	1,021	4,122,295	1,697	5,345,082	6,005	20,106,488
Manitoba	2,455	10,865,365	163	411,750	114	446,141	785	2,536,085
Saskatchewan	2,395	11,580,973	282	986,637	1,081	4,345,452	232	853,007
Alberta	603	2,593,685	47	152,323	8,036	28,714,829	854	2,910,615
British Columbia	11,312	47,490,706	1,002	3,029,957	1,464	4,577,356	1,251	4,383,042
Northwest Territories	1,003	5,061,680	–	–	25	72,299	–	–
Yukon	814	4,283,087	–	–	8	33,171	–	–
Canada	**81,970**	**329,437,928**	**11,722**	**42,390,871**	**23,458**	**76,343,685**	**16,486**	**54,423,217**

TABLE 27. Wage-earners on the Surface, Underground and in the Mill, 1955

Province	Metal mines			Fuels		Other[1]		
	Surface	Underground	Mill[2]	Surface	Underground	Surface	Underground	Mill
	Number			Number		Number		
Newfoundland	1,312	1,376	55	–	–	636	295	164
Nova Scotia	63	134	34	1,292	7,983	894	29	466
New Brunswick	204	94	40	533	367	358	7	404
Quebec	3,592	5,427	10,748	–	–	5,546	1,096	4,886
Ontario	6,511	14,900	10,956	1,239	–	2,934	171	3,170
Manitoba	800	811	426	65	–	316	22	539
Saskatchewan[3]	827	545	578	748	4	118	–	347
Alberta	–	–	462	4,665	2,057	107	–	718
British Columbia	1,587	2,542	5,218	316	1,025	1,295	12	751
Northwest Territories[3]	253	413	109	24	–	–	–	–
Yukon	391	280	43	4	3	–	–	–
Canada, 1955	**15,540**	**26,522**	**28,669**	**8,886**	**11,439**	**12,204**	**1,632**	**11,445**
Canada, 1954	**14,098**	**26,821**	**26,627**	**9,083**	**12,422**	**11,826**	**1,659**	**10,825**
Canada, 1953	**13,959**	**27,580**	**25,311**	**9,838**	**13,587**	**11,574**	**1,718**	**10,658**
Canada, 1952	**15,689**	**28,941**	**25,185**	**9,990**	**14,897**	**11,882**	**1,794**	**10,079**
Canada, 1951	**13,862**	**27,869**	**23,431**	**9,985**	**15,482**	**11,484**	**1,680**	**9,925**

1. Includes asbestos, salt, gypsum, stone quarries, brick plants, etc.
2. Includes non-ferrous smelters and refineries.
3. Exclusive of data on mining of pitchblende ores except for 1954 and 1955.

TABLE 28. Administration and Office Employees at Places in Canada, Except at Mine or Plant, 1955

Plant location	Average number of employees			Salaries and wages
	Male	Female	Total	
				$
Newfoundland	8	5	13	54,728
Nova Scotia	1,301	107	1,408	4,550,441
New Brunswick	47	32	79	280,835
Quebec	408	119	527	2,328,666
Ontario	427	182	609	2,904,642
Manitoba	48	21	69	341,054
Saskatchewan	103	30	133	655,741
Alberta	3,767	1,289	5,056	22,622,295
British Columbia	151	70	221	1,214,925
Northwest Territories	8	1	9	46,000
Yukon	151	–	151	842,400
Canada	**6,419**	**1,856**	**8,275**	**35,841,727**

Data in Tables 28 and 29 not included elswhere in this report.

TABLE 29. Administration and Office Employees at Places in Canada, Except at Mine or Plant, 1955

Industry	Average number of employees			Salaries and wages
	Male	Female	Total	
				$
Metal mining	781	220	1,001	4,956,8[illegible]
Smelting and refining[1]	5,157	1,449	6,606	27,963,2[illegible]
Fuels	171	71	242	1,077,9[illegible]
Non-metallic mining	310	116	426	1,843,6[illegible]
Structural materials and clay products				
Total	**6,419**	**1,856**	**8,275**	**35,841,7[illegible]**

1. Iron and steel plants are excluded.

TABLE 30 Fuel and Electricity Used in the Mineral Industry, by Industries, 1954

Industry	Fuel (coal, coke, gasoline, oil, wood, gas, etc.)	Electricity purchased		Total cost of purchased fuel and electricity	Electricity generated for own use	Electricity generated for sale
		Kwh.	$			
	$			$	Kwh.	Kwh.
Metal mining:						
Alluvial gold	146,300	–	–	146,300	25,809,400	6,427,400
Auriferous quartz	1,622,920	942,065,048	5,364,608	6,987,528	45,194,654	1,573,383
Copper-gold-silver	1,752,588	361,276,499	1,396,220	3,148,808	107,693,524	686,505
Silver-cobalt	116,346	21,851,293	156,678	273,024	–	–
Silver-lead-zinc	1,816,606	162,950,610	1,671,412	3,488,018	152,904,829	775,914
Nickel-copper	1,258,337	364,649,270	1,795,864	3,054,201	23,620,088	761,400
Miscellaneous metals	1,998,029	206,815,120	1,555,329	3,553,358	9,154,250	408,000
Smelting and refining	24,802,122	12,690,206,646	30,423,265	55,225,387	753,870,364	13,362,000
Total	**33,513,248**	**14,749,814,486**	**42,363,376**	**75,876,624**	**1,118,247,109**	**23,994,602**
Non-metal mining:						
Asbestos	2,030,524	269,410,263	2,100,282	4,130,806	2,649,346	–
Feldspar and quartz	94,618	11,465,890	110,077	204,695	10	–
Gypsum	211,927	11,339,818	143,375	355,302	2,024,000	–
Iron oxides	18,476	186,848	3,346	21,822	–	–
Mica	5,279	125,703	2,499	7,778	–	–
Peat	87,842	2,260,098	53,162	141,004	–	–
Salt	671,933	11,172,710	86,187	758,120	23,912,444	33,800
Talc and soapstone	13,008	1,366,049	22,537	35,545	–	–
Miscellaneous	1,159,513	22,969,414	259,928	1,419,441	7,905,734	119,069
Total	**4,293,120**	**330,296,793**	**2,781,393**	**7,074,513**	**36,491,534**	**152,869**
Fuels:						
Coal	1,396,543	250,245,525	3,536,229	4,932,772	18,815,263	6,329,663
Natural gas	242,583	1,717,875	44,426	287,009	996,468	1,731,132
Petroleum	1,871,706	27,689,890	976,626	2,848,332	145,020	–
Total	**3,510,832**	**279,653,290**	**4,557,281**	**8,068,113**	**19,956,751**	**8,060,795**
Structural materials:						
Cement	9,059,221	435,345,623	2,517,295	11,576,516	224,170	–
Clay products	4,665,238	42,547,906	588,159	5,253,397	322,119	–
Lime	3,186,777	23,266,939	195,277	3,382,054	3,281,000	–
Sand and gravel	2,086,693	18,763,336	285,277	2,371,970	100,000	–
Stone	1,488,424	53,867,170	819,367	2,307,791	1,475,730	–
Total	**20,486,353**	**573,790,974**	**4,405,375**	**24,891,728**	**5,403,019**	**–**
GRAND TOTAL	**61,803,553**	**15,933,555,543**	**54,107,425**	**115,910,978**	**1,180,098,413**	**32,208,266**

TABLE 31. Fuel and Electricity Used in the Mineral Industry, by Provinces, 1954

Province	Fuel (coal, coke, gasoline, oil, wood, gas, etc.)	Electricity purchased		Total cost of purchased fuel and electricity	Electricity generated for own use	Electricity generated for sale
		Kwh.	$			
	$			$	Kwh.	Kwh.
Newfoundland	751,261	72,087,545	655,753	1,407,014	5,774,304	834,983
Nova Scotia	1,451,573	170,888,723	2,515,652	3,967,225	19,509,906	4,297,610
New Brunswick	821,112	34,468,143	662,576	1,483,688	96,000	–
Quebec	17,271,943	11,818,402,869	31,325,513	48,597,456	29,569,765	13,770,000
Ontario	26,872,117	2,358,932,102	12,118,821	38,990,938	22,567,178	–
Manitoba	1,928,210	199,213,639	728,031	2,656,241	22,556,600	761,400
Saskatchewan	2,984,233	412,583,401	922,061	3,906,294	44,180,084	60,000
Alberta	3,233,998	145,973,420	2,076,893	5,310,891	20,743,411	3,737,452
British Columbia	5,743,532	675,257,931	2,304,833	8,048,365	965,109,478	1,179,163
Northwest Territories	318,897	31,378,662	411,600	730,497	25,188,287	1,140,258
Yukon	426,677	14,369,108	385,692	812,369	24,803,400	6,427,400
Canada	**61,803,553**	**15,933,555,543**	**54,107,425**	**115,910,978**	**1,180,098,413**	**32,208,266**

TABLE 32. Fuel and Electricity Used in the Mineral Industry, by Industries, 1955

Industry	Fuel (coal, coke, gasoline, oil, wood, gas, etc.)	Electricity purchased		Total cost of purchased fuel and electricity	Electricity generated for own use	Electricity generated for sale
		Kwh.	$			
	$			$	Kwh.	Kwh.
Metal mining:						
Alluvial gold	122,802	8,000	80	122,882	21,959,500	6,588,600
Auriferous quartz	1,315,047	996,954,367	5,765,878	7,080,925	29,909,507	1,472,708
Copper-gold-silver	2,317,551	408,626,887	1,772,956	4,090,507	129,075,693	7,440,526
Silver-cobalt	115,372	23,146,450	148,643	264,015	–	–
Silver-lead-zinc	1,777,523	153,803,923	1,688,066	3,465,589	170,497,432	2,529,700
Nickel-copper	944,295	377,240,282	2,018,446	2,962,741	24,927,660	1,235,740
Iron ore	1,412,332	164,074,465	1,282,025	2,694,357	2,543,250	–
Miscellaneous metals	1,597,298	26,508,180	247,138	1,844,436	52,610,861	22,964,200
Smelting and refining	24,333,000	13,803,684,055	32,615,510	56,948,510	1,131,872,589	9,234,880
Total	**33,935,220**	**15,954,046,609**	**45,538,742**	**79,473,962**	**1,563,396,492**	**51,466,354**
Non-metal mining:						
Asbestos	2,351,547	359,880,254	2,765,590	5,117,137	5,011,569	–
Feldspar and quartz	103,081	19,292,058	132,943	236,024	–	–
Gypsum	234,888	13,337,336	179,409	414,297	30,584	–
Iron oxides	18,750	193,264	3,181	21,931	–	–
Mica	4,096	123,894	2,395	6,491	–	–
Peat	113,584	1,947,179	51,912	165,496	–	–
Salt	894,863	15,218,432	124,154	1,019,017	20,393,060	35,700
Talc and soapstone	15,654	1,240,645	23,035	38,689	–	–
Miscellaneous	1,265,812	29,301,449	331,559	1,597,371	7,394,848	58,238
Total	**5,002,275**	**440,534,511**	**3,614,178**	**8,616,453**	**32,830,061**	**93,938**
Fuels:						
Coal	1,312,546	266,035,923	3,702,405	5,014,951	12,882,840	3,035,663
Natural gas	239,354	1,539,335	40,118	279,472	1,109,555	1,786,248
Petroleum	1,975,320	38,118,117	1,313,908	3,289,228	4,342,400	–
Total	**3,527,220**	**305,693,375**	**5,056,431**	**8,583,651**	**18,334,795**	**4,821,910**
Structural materials:						
Cement	10,082,190	491,115,243	2,888,280	12,970,470	716,130	–
Clay products	4,662,595	46,059,446	624,895	5,287,490	130,604	–
Lime	3,261,770	24,093,309	212,940	3,474,710	1,751,000	–
Sand and gravel	2,327,609	19,910,164	307,798	2,635,407	20,000	–
Stone	1,415,660	62,392,857	918,785	2,334,445	1,544,005	–
Total	**21,749,824**	**643,571,019**	**4,952,698**	**26,702,522**	**4,161,739**	**–**
GRAND TOTAL	**64,214,539**	**17,343,845,514**	**59,162,049**	**123,376,588**	**1,618,723,087**	**56,382,202**

TABLE 33. Fuel and Electricity Used in the Mineral Industry, by Provinces, 1955

Province	Fuel (coal, coke, gasoline, oil, wood, gas, etc.)	Electricity purchased		Total cost of purchased fuel and electricity	Electricity generated for own use	Electricity generated for sale
		Kwh.	$			
	$			$	Kwh.	Kwh.
Newfoundland	763,264	81,391,184	763,422	1,526,686	6,435,877	58,238
Nova Scotia	1,141,842	179,746,142	2,613,949	3,755,791	11,284,709	963,500
New Brunswick	972,588	41,199,556	750,960	1,723,548	496,000	–
Quebec	18,954,578	12,262,956,895	33,139,349	52,093,927	60,244,592	10,412,275
Ontario	26,578,464	2,443,208,445	13,020,537	39,599,001	26,132,363	5,718,000
Manitoba	2,304,593	230,155,026	882,465	3,187,058	25,483,790	1,235,740
Saskatchewan	3,769,921	403,273,000	1,038,188	4,808,109	72,576,680	22,500,000
Alberta	3,074,224	136,726,929	2,074,673	5,148,897	36,636,820	3,894,110
British Columbia	5,795,486	1,489,786,524	3,956,162	9,751,648	1,345,921,351	5,011,739
Northwest Territories	421,738	62,192,085	596,605	1,018,343	11,551,405	–
Yukon	437,841	12,409,728	325,739	763,580	21,959,500	6,588,600
Canada	**64,214,539**	**17,343,845,514**	**59,162,049**	**123,376,588**	**1,618,723,087**	**56,382,202**

TABLE 34. Cost of Prospecting Conducted by Metal Mining Companies, 1952-1955

Province in which prospecting was conducted	By alluvial gold mines[1]	By auriferous 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 iron mines[1]	Total metal mining
	Dollars							
1952								
Newfoundland	–	125,508	51,618	–	156,474	306,675	9,265	649,540
Nova Scotia	–	3,203	1,401	–	–	413	17,064	22,081
New Brunswick	–	38,194	67,504	–	–	–	728	106,426
Quebec	–	961,110	752,793	46,773	605,731	36,981	1,083,043	3,486,431
Ontario	–	926,399	375,990	59,129	93,727	2,805,455	457,309	4,718,009
Manitoba	–	62,534	436	–	4,847	620,707	–	688,524
Saskatchewan	–	45,736	64,398	–	29,123	24,686	1,010	164,953
Alberta	–	–	598	–	–	–	–	598
British Columbia	11,805	377,946	388,887	–	500,019	–	182,839	1,461,496
Northwest Territories	–	13,140	8,280	–	383,369	1,329,549	9,200	1,743,538
Yukon	–	13,211	28,302	–	495,065	–	–	536,578
Canada	**11,805**	**2,566,981**	**1,740,207**	**105,902**	**2,268,355**	**5,124,466**	**1,760,458**	**13,578,174**
1953								
Newfoundland	–	97,524	–	–	304,836	208,162	324,229	934,751
Nova Scotia	–	27,813	438	–	71,563	236	6,044	106,094
New Brunswick	–	201,750	828,573	–	1,725,335	38,529	138,279	2,932,466
Quebec	–	660,489	1,015,497	24,732	252,893	120,410	1,087,857	3,161,878
Ontario	–	830,951	295,310	39,253	68,291	3,475,609	693,988	5,403,402
Manitoba	–	74,789	35,791	–	13,530	1,465,739	–	1,589,849
Saskatchewan	–	346,945	46,904	–	60,152	50,324	–	504,325
Alberta	–	–	765	–	765	–	–	1,530
British Columbia	31,982	232,339	207,129	–	942,431	765	60,586	1,475,232
Northwest Territories	–	70,505	2,945	–	29,535	1,291,846	–	1,394,831
Yukon	1,025	30,361	81,149	–	124,347	91,298	220	328,400
Canada	**33,007**	**2,573,466**	**2,514,501**	**63,985**	**3,593,678**	**6,742,918**	**2,311,203**	**17,832,758**
1954								
Newfoundland	–	66,014	–	–	333,305	58,371	865,936	1,323,626
Nova Scotia	–	13,817	78,428	–	74,145	–	17,493	183,883
New Brunswick	–	134,273	457,565	–	3,993,071	107,905	1,364,075	6,056,889
Quebec	–	1,535,511	796,633	1,440	359,661	12,758	2,247,039	4,953,042
Ontario	–	1,232,225	1,238,228	23,293	746,246	2,637,450	1,149,976	7,027,418
Manitoba	–	24,317	72,864	–	48,773	1,841,531	7,744	1,995,229
Saskatchewan	–	204,623	100,148	–	302,413	709,322	577,467	1,893,973
Alberta	–	–	–	–	2,872	–	2,000	4,872
British Columbia	6,399	112,841	277,823	–	634,251	1,526	231,119	1,263,959
Northwest Territories	–	54,359	5,396	–	31,802	191,491	71,874	354,922
Yukon	28,841	21,775	161,805	–	317,358	1,225,450	2,193	1,757,422
Canada	**35,240**	**3,399,755**	**3,188,890**	**24,733**	**6,843,897**	**6,785,804**	**6,536,916**	**26,815,235**
1955								
Newfoundland	–	–	19,939	–	249,576	14,557	158,566	442,638
Nova Scotia	–	227	264,957	–	51,380	482	33,333	350,379
New Brunswick	–	131,778	1,581,845	–	572,231	104,587	521,566	2,912,007
Quebec	–	313,921	2,230,376	23,409	690,365	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**	**8,344,166**	**6,662,638**	**26,928,541**

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

ERRATA

Some revisions have been made in the 1955 statistics on the mineral industries since the publication of the separate industry reports in this series. These are as follows:

Feldspar and Quartz Mining:

Page J-6, Table 6. – Imports, in 1955, ground feldspar, "tons, 2,742" should read, "tons, 137"

Cement Manufacturing:

Page P-3, Text, Column 2, line 2. "included 6,033,619 tons of limestone". should read "included 5,964,433 tons of limestone".

Page 3, Footnote 1, should read "Includes process supplies, containers and purchased raw materials, excluding materials from own quarries".

Page P-5, Table 6, Column 4. Limestone for 1954 should read "5,566,203 instead of "5,566,198" – Limestone for 1955 should read "5,964,433" instead of "6,033,619".

Lime Industry:

Page R-8. Last line of Directory. "Pacific Lime Company Limited" should read "Gypsum, Lime and Alabastine, Canada, Limited".

Miscellaneous Metal Industry:

Page E-30, Table 56. Last column "1954" should read "1955". The 1954 data reading vertically; 1,743, 2,026, 148, 119, 4,036 tons.

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