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CANADA

PRELIMINARY REPORT ON
MINERAL PRODUCTION
1955

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Mineral Statistics Section

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1955

Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

PRELIMINARY REPORT ON MINERAL PRODUCTION

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Canada's mineral production in 1955 broke previous records with a valuation of \$1,778,400,000 according to a preliminary estimate prepared by the Dominion Bureau of Statistics at Ottawa. This is an increase of \$290 millions or 19.5 per cent over the \$1,488 millions of 1954. The leading provinces were Ontario with \$578 millions; Quebec with \$352 millions and Alberta with \$324 millions. Petroleum retained first position with a valuation of \$303.5 millions; copper moved up to second with \$239 millions followed by nickel and gold with \$216 millions and \$157 millions respectively. Shadows were cast on the bright picture by the coal mining industry whose production continued to decline.

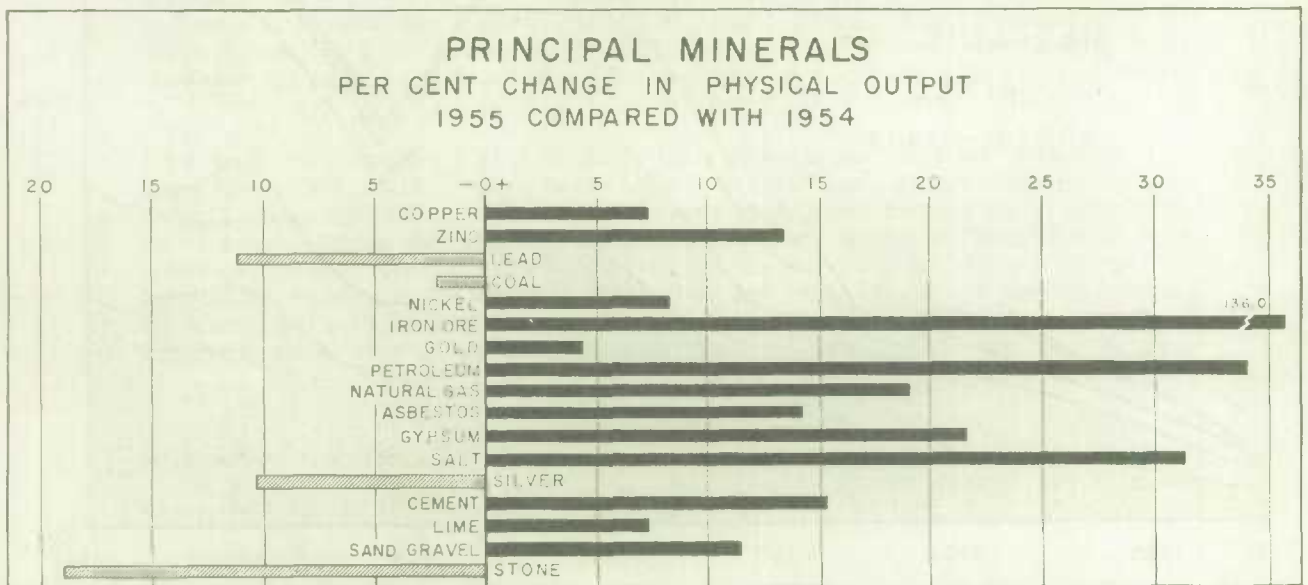
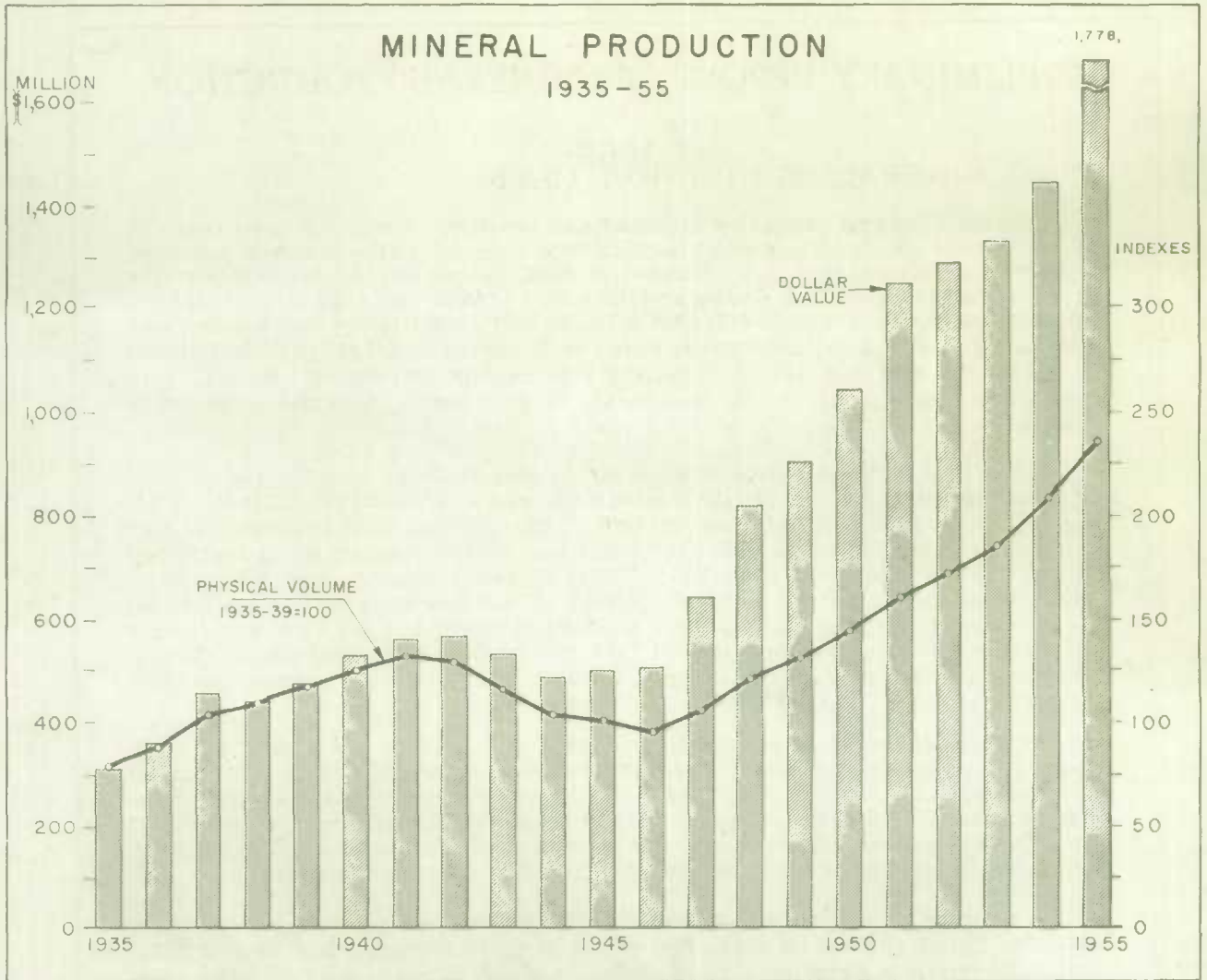
More than a billion dollars worth of metals were produced in 1955. The increase in volume and price made copper the leading metal with a value of \$239 millions. Nickel was valued at \$216.4 millions, an increase of \$36 millions. Gold production of 4.55 million troy ounces had a value of \$157.3 millions. As the Canadian dollar approached parity with the United States dollar the price of gold increased. Zinc increased by 50,000 tons to reach 427,000 tons. The tonnage of lead decreased by 11.3 per cent but the firmer price held the total valuation decrease to less than 5 per cent. Silver which occurs in the lead ore was less than in 1954, amounted to 28 million ounces. The prophecies concerning iron ore are being fulfilled. In this decade the tonnage increased twelvefold to reach 17.4 million valued at \$113.4 millions.

Non-metallic minerals increased 14 per cent in value to a new high of \$149 millions. The shipments of asbestos exceeded a million tons and approached \$100 millions in value. More gypsum was mined and the salt was increased in the quantity of brine pumped and rock salt mined. The sulphur in pyrite and smelter gas amounted to 628,000 tons. Natural sodium sulphate was in greater demand. Barite and mica showed a downward trend. Fluorspar and nepheline syenite increased from the preceding year.

The value of mineral fuels exceeded \$410.2 millions, an increase of 16 per cent over the \$352.9 millions in 1954. The volume of crude petroleum increased to 128.8 million barrels from 96 million barrels. Alberta's output increased about 25 million barrels; Saskatchewan and Manitoba each doubled their production to exceed 11 million and 4 million barrels respectively. Oil from Ontario, New Brunswick and the Northwest Territories showed only a slight change in volume. Natural gas utilized amounted to 143.7 billion cubic feet. Alberta supplied 126.7 billion cubic feet. Coal production declined to 14.6 million from 14.9 million tons and the value of the coal at the mines decreased from \$96.6 millions to \$92.2 millions.

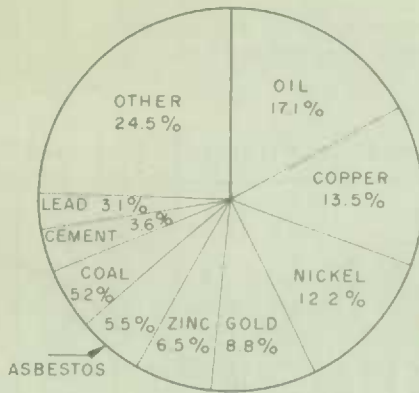
Structural materials increased in total value to \$217.6 millions from about \$205 millions in the preceding year. Clay products, which include brick, tile, sewer pipe, etc., made from Canadian clays, were valued at \$34.7 millions. Cement plants shipped 25.9 million barrels of cement worth \$64.4 millions. Although this quantity was 3.4 million barrels greater than in 1954, it did not meet urgent demand of the construction trade. Lime production was up and there was an increase of nearly \$7 millions in the value of sand and gravel used. The quantity and value of stone decreased from the abnormally high year of 1954 during which the Canso causeway was built. Most of the provinces indicated greater volumes of stone quarried.

NOTE: All 1955 figures in this report are preliminary and are subject to revision upon receipt of more complete data.

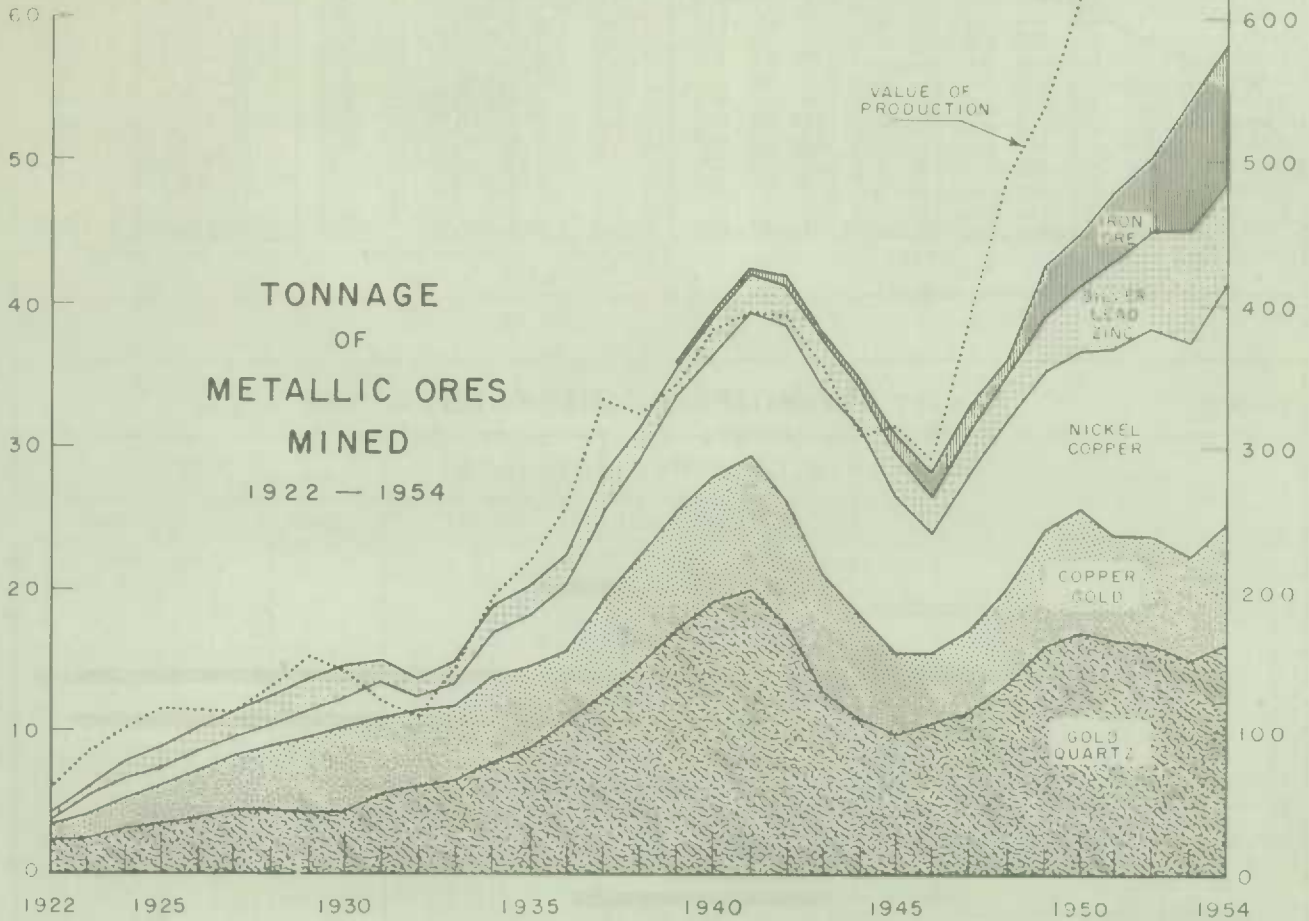


MINERAL PRODUCTION, 1955

1,778 MILLION DOLLARS



MILLION TONS



MILLION \$

900

800

700

600

500

400

300

200

100

0

1922 1925 1930 1935 1940 1945 1950 1954

Table 1. Value of Mineral Production of Canada, by Classes, 1946-1955

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	TOTAL
	(dollars)				
1946	290,386,425	43,792,717	102,516,888	66,120,221	502,816,251
1947	395,069,530	54,742,453	110,481,207	84,576,785	644,869,975
1948	488,151,055	67,234,304	159,736,260	105,127,246	820,248,865
1949	538,967,258	64,585,216	183,654,473	113,903,079	901,110,026
1950	617,238,340	94,721,564	201,193,957	132,296,212	1,045,450,073
1951	745,588,728	115,706,983	232,854,093	151,333,791	1,245,483,595
1952	727,904,366	125,047,050	263,582,319	168,808,618	1,285,342,353
1953	708,880,758	126,039,359	314,181,168	187,202,218	1,336,303,503
1954	799,916,306	130,523,624	352,959,465	204,982,696	1,488,382,091
1955	1,001,513,368	149,026,062	410,241,386	217,613,456	1,778,398,272

Table 2. Mineral Production of Canada, by Provinces, 1953-1955

Province	1953		1954		1955	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland	33,780,622	2.5	42,898,033	2.9	70,317,215	4.0
Nova Scotia	67,364,408	5.0	73,450,898	4.9	67,356,081	3.8
New Brunswick	11,663,618	0.9	12,468,322	0.8	14,279,350	0.8
Quebec	251,881,781	18.8	278,818,070	18.7	352,100,900	19.8
Ontario	465,877,093	34.9	496,747,571	33.4	577,941,712	32.5
Manitoba	25,264,112	1.9	35,106,922	2.4	62,979,841	3.5
Saskatchewan.....	48,081,970 ¹	3.6	68,216,009	4.6	83,769,427	4.7
Alberta	248,863,295	18.6	279,042,735	18.7	323,740,702	18.2
British Columbia	158,487,812	11.9	158,630,867	10.7	188,052,793	10.6
Northwest Territories	10,300,230 ¹	0.8	26,414,000	1.8	23,454,064	1.3
Yukon	14,738,562	1.1	16,588,684	1.1	14,406,187	0.8
TOTAL	1,336,303,503	100.0	1,488,382,091	100.0	1,778,398,272	100.0

1. Excluding pitchblende products.

Table 3. Mineral Production of Canada, by Kinds, 1954 and 1955

	Unit of measure	1954		1955	
		Quantity	Value \$	Quantity	Value \$
Metallics					
Antimony	lb.	1,302,333	349,249	1,970,000	536,575
Bismuth	lb.	258,675	572,183	207,670	422,333
Cadmium	lb.	1,086,780	1,847,526	1,971,012	3,350,720
Cobalt	lb.	2,252,695	5,912,997	2,999,650	7,723,500
Columbium (Cb ₂ O ₃)	lb.	90	2,294	42	1,032
Copper.....	lb.	605,464,042	175,712,693	649,207,453	239,394,952
Gold	troy oz.	4,366,440	148,764,611	4,556,400	157,305,152
Indium	troy oz.	477	1,278	106,000	238,500
Iron ore	ton	7,361,598	49,666,507	17,377,252	113,385,503
Iron ingots	ton	90,562	2,910,663	116,100	4,762,000
Lead	lb.	436,990,488	58,250,831	387,948,053	55,786,929
Magnesium and calcium .....	...	...	4,101,642	...	4,657,225
Molybdenite (MoS ₂)	lb.	752,417	457,912	1,289,441	806,184
Nickel	lb.	322,557,961	180,173,392	349,161,430	216,433,694

Table 3. Mineral Production of Canada, by Kinds, 1954 and 1955 - Concluded

	Unit of measure	1954		1955	
		Quantity	Value	Quantity	Value
			\$		\$
Metallics - Concluded					
Palladium, iridium, etc.	troy oz.	189,350	7,956,087	211,820	8,118,000
Platinum	troy oz.	154,356	12,950,469	169,800	14,715,000
Pitchblende, etc. ....	...	...	26,467,574	...	23,000,000
Selenium	lb.	323,529	1,617,645	431,000	3,009,000
Silver	troy oz.	31,117,949	25,907,870	27,901,427	24,625,797
Tantalum (Ta ₂ O ₅)	lb.	77	2,696	390	9,760
Tellurium	lb.	8,171	14,300	6,000	11,000
Tin	lb.	333,788	263,359	397,000	317,600
Titanium ore	ton	1,541	9,462	1,736	12,152
Tungsten (WO ₃)	lb.	2,170,633	5,795,781	2,282,970	6,465,638
Zinc	lb.	752,982,353	90,207,285	853,931,313	116,425,122
Total metallics .....	...	...	799,916,306	...	1,001,513,368
Non-metallics					
Arsenious oxide	lb.	1,180,350	48,333	650,000	29,250
Asbestos	ton	924,116	86,409,212	1,055,266	98,690,514
Barite	ton	221,472	2,003,796	202,600	2,142,378
Diatomite	ton	4	192	-	-
Feldspar	ton	16,096	301,049	18,844	370,968
Fluorspar	ton	118,969	2,987,026	131,728	3,063,876
Graphite	ton	2,463	254,534	-	-
Grindstones	ton	-	-	10	1,500
Gypsum	ton	3,950,422	7,094,671	4,798,200	8,455,173
Iron oxides	ton	5,798	183,507	7,467	144,369
Lithia	ton	17,052	6,300	108,056	58,272
Magnesitio-dolomite and brucite ¹ .....	...	...	4,394,280	...	3,859,280
Mica	lb.	1,706,770	85,139	1,186,235	75,004
Mineral waters	gal.	284,078	148,057	282,000	148,750
Nepheline syenite	ton	123,669	1,770,528	137,000	1,969,000
Peat moss	ton	99,272	3,018,622	126,100	3,322,907
Perlite	-	-	-	-	-
Quartz	ton	1,716,151	1,574,893	1,858,879	2,006,744
Salt	ton	969,887	8,340,163	1,274,011	10,286,210
Silica brick	M	3,578	465,157	5,502	656,933
Soapstone and talc	ton	28,143	335,353	28,100	334,100
Sodium sulphate	ton	158,417	2,385,573	170,801	2,759,034
Sulphur	ton	532,406	4,875,969	628,261	5,560,800
Titanium dioxide	ton	88,408	3,841,270	114,800	5,091,000
Total non-metallics .....	...	...	130,523,624	...	149,026,062
Mineral - fuels					
Coal	ton	14,913,579	96,600,266	14,578,821	92,227,211
Natural gas	M cu. ft.	120,735,214	12,482,109	143,699,000	14,457,075
Peat	ton	6	60	-	-
Petroleum, crude	bbl.	96,080,345	243,877,080	128,811,000	303,561,100
Total fuels .....	...	...	352,959,465	...	410,245,386
Structural materials					
Clay products (brick, tile, etc.) .....	...	...	32,360,098	...	34,676,067
Cement	bbl.	22,437,477	59,035,644	25,860,103	64,363,165
Lime	ton	1,214,839	14,742,149	1,303,499	15,190,328
Sand and gravel	ton	110,961,034	58,987,671	123,655,944	65,754,176
Stone	ton	32,767,925	39,857,134	26,534,209	37,629,720
Total structural materials .....	...	...	204,982,696	...	217,613,456
GRAND TOTAL .....	...	...	1,488,382,091	...	1,778,398,272

1. Includes some magnesium metal.

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1955

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	99,670
4		\$	—	—	—	179,333
5	Cadmium	lb.	—	—	—	—
6		\$	—	—	—	—
7	Columbium (Cb ₂ O ₃)	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Copper	lb.	6,369,000	2,202,000	50,500	201,763,843
12		\$	2,348,569	811,988	18,622	74,400,117
13	Gold	oz.	6,100	3,925	—	1,155,536
14		\$	210,596	135,507	—	39,893,725
15	Indium	oz.	—	—	—	—
16		\$	—	—	—	—
17	Iron ore	ton	7,920,145	—	—	4,529,122
18		\$	47,794,520	—	—	29,520,165
19	Iron ingots	ton	—	—	—	116,100
20		\$	—	—	—	4,762,000
21	Lead	lb.	35,074,655	4,085,000	1,593,880	10,515,865
22		\$	5,043,735	587,423	229,200	1,512,181
23	Magnesium and calcium	lb.	—	—	—	...
24		\$	—	—	—	1
25	Molybdenite	lb.	—	—	—	1,289,441
26		\$	—	—	—	806,184
27	Nickel	lb.	—	—	—	—
28		\$	—	—	—	—
29	Palladium, ruthenium, etc.	oz.	—	—	—	—
30		\$	—	—	—	—
31	Platinum	oz.	—	—	—	—
32		\$	—	—	—	—
33	Pitchblende, etc. ² .....	...	—	—	—	—
34		\$	—	—	—	—
35	Selenium	lb.	—	—	—	224,000
36		\$	—	—	—	1,535,000
37	Silver	oz.	662,815	270,750	25,288	4,994,290
38		\$	585,000	238,964	22,319	4,407,960
39	Tantalum (Ta ₂ O ₅)	lb.	—	—	—	—
40		\$	—	—	—	—
41	Tellurium	lb.	—	—	—	—
42		\$	—	—	—	—
43	Tin	lb.	—	—	—	—
44		\$	—	—	—	—
45	Titanium ore	ton	—	—	—	1,736
46		\$	—	—	—	12,152
47	Tungsten concentrates (WO ₃)	lb.	—	—	28,770	—
48		\$	—	—	48,900	—
49	Zinc	lb.	57,300,000	16,120,000	—	205,185,933
50		\$	7,821,450	2,200,380	—	28,007,880
51	Total metals	\$	63,803,870	3,974,262	319,041	185,036,697
Non-metallics						
52	Arsenious oxide	lb.	—	—	—	—
53		\$	—	—	—	—
54	Asbestos	ton	—	—	—	1,013,214
55		\$	—	—	—	88,558,239
56	Barite	ton	—	183,000	—	—
57		\$	—	1,776,518	—	—
58	Diatomite	ton	—	—	—	—
59		\$	—	—	—	—
60	Feldspar	ton	—	—	—	17,844
61		\$	—	—	—	356,968
62	Fluorspar	ton	131,049	—	—	—
63		\$	3,034,080	—	—	—
64	Graphite	ton	—	—	—	—
65		\$	—	—	—	—
66	Grindstone	ton	—	—	10	—
67		\$	—	—	1,500	—

1. Included in magnesian dolomite and brucite.

2. Includes radium salts, uranium oxides and salts, some silver and cobalt.

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1955

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	1,970,000	—	—	1,970,000	1
—	—	—	—	536,575	—	—	536,575	2
—	—	—	—	108,000	—	—	207,670	3
—	—	—	—	243,000	—	—	422,333	4
—	45,600	141,200	—	1,478,378	—	305,834	1,971,012	5
—	77,520	240,040	—	2,513,242	—	519,918	3,350,720	6
—	—	—	—	—	42	—	42	7
—	—	—	—	—	1,032	—	1,032	8
2,985,500	14,150	—	—	—	—	—	2,999,650	9
7,695,200	28,300	—	—	—	—	—	7,723,500	10
290,080,436	38,611,120	65,700,000	—	44,430,554	—	—	649,207,453	11
106,967,164	14,237,850	24,226,875	—	16,383,787	—	—	239,394,952	12
2,526,199	131,455	83,800	194	256,470	318,341	74,380	4,556,400	13
87,214,494	4,538,352	2,893,111	8,697	8,854,370	10,990,405	2,567,895	157,305,152	14
—	—	—	—	106,000	—	—	106,000	15
—	—	—	—	238,500	—	—	238,500	16
4,230,236	—	—	—	697,749	—	—	17,377,252	17
31,421,702	—	—	—	4,649,116	—	—	113,385,503	18
—	—	—	—	—	—	—	116,100	19
—	—	—	—	—	—	—	4,762,000	20
4,200,000	—	—	—	306,717,667	—	25,760,986	387,948,053	21
603,960	—	—	—	44,100,000	—	3,704,430	55,786,929	22
—	—	—	—	—	—	—	—	23
4,657,225	—	—	—	—	—	—	4,657,225	24
—	—	—	—	—	—	—	1,289,441	25
—	—	—	—	—	—	—	806,184	26
322,140,000	27,021,430	—	—	—	—	—	349,161,430	27
199,545,300	16,888,394	—	—	—	—	—	216,433,694	28
211,820	—	—	—	—	—	—	211,820	29
8,118,000	—	—	—	—	—	—	8,118,000	30
240,000	—	—	—	—	—	—	169,800	31
14,715,000	—	—	—	—	—	—	14,715,000	32
—	—	—	—	—	—	—	—	33
—	—	11,000,000	—	—	12,000,000	—	23,000,000	34
93,000	38,000	76,000	—	—	—	—	431,000	35
698,000	258,700	517,300	—	—	—	—	3,009,000	36
5,960,379	445,565	1,222,500	20	8,581,546	115,109	5,623,165	27,901,427	37
5,260,630	393,255	1,078,979	18	7,574,072	101,595	4,963,005	24,625,797	38
—	—	—	—	—	390	—	390	39
—	—	—	—	—	9,760	—	9,760	40
6,000	—	—	—	—	—	—	6,000	41
11,000	—	—	—	—	—	—	11,000	42
—	—	—	—	397,000	—	—	397,000	43
—	—	—	—	317,600	—	—	317,600	44
—	—	—	—	—	—	—	1,736	45
—	—	—	—	—	—	—	12,152	46
—	—	—	—	2,254,200	—	—	2,282,970	47
—	—	—	—	6,416,738	—	—	6,465,638	48
3,065,000	36,500,000	98,650,000	—	418,330,192	—	18,780,188	853,931,313	49
418,372	4,845,750	13,465,725	—	57,102,070	—	2,563,495	116,425,122	50
467,326,047	41,268,121	53,422,030	6,715	148,935,050	23,102,792	14,318,743	1,001,513,368	51
850,000	—	—	—	—	—	—	650,000	52
29,250	—	—	—	—	—	—	29,250	53
25,130	—	—	—	16,922	—	—	1,055,266	54
4,209,275	—	—	—	5,923,000	—	—	98,690,514	55
—	—	—	—	19,600	—	—	202,600	56
—	—	—	—	365,860	—	—	2,142,378	57
—	—	—	—	—	—	—	—	58
—	—	—	—	—	—	—	—	59
1,000	—	—	—	—	—	—	18,844	60
14,000	—	—	—	—	—	—	370,968	61
679	—	—	—	—	—	—	131,728	62
29,796	—	—	—	—	—	—	3,063,876	63
—	—	—	—	—	—	—	—	64
—	—	—	—	—	—	—	—	65
—	—	—	—	—	—	—	10	66
—	—	—	—	—	—	—	1,500	67

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1955—Concluded

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Non-metallics — Concluded						
1	Gypsum	ton	44,800	3,990,200	90,000	—
2		\$	212,800	6,452,218	225,000	—
3	Iron oxide	ton	—	—	—	7,467
4		\$	—	—	—	144,369
5	Lithia	lb.	—	—	—	100,000
6		\$	—	—	—	55,000
7	Magnesitic dolomite, brucite	ton	—	—	—	...
8		\$	—	—	—	3,859,280
9	Mica	lb.	—	—	—	770,091
10		\$	—	—	—	52,925
11	Mineral water	gal.	—	—	—	280,000
12		\$	—	—	—	148,000
13	Nepheline syenite.....	ton	—	—	—	—
14		\$	—	—	—	—
15	Peat, moss	ton	—	—	12,500	29,242
16		\$	—	—	315,000	766,022
17	Quartz	ton	—	—	—	136,443
18		\$	—	—	—	513,102
19	Salt	ton	—	144,723	—	—
20		\$	—	1,956,318	—	—
21	Silica brick	M	—	1,110	—	—
22		\$	—	251,149	—	—
23	Soapstone and talc	ton	—	—	—	13,600
24		\$	—	—	—	142,100
25	Sodium sulphate	ton	—	—	—	—
26		\$	—	—	—	—
27	Sulphur	ton	...	—	—	...
28		\$	24,750	—	—	2,506,070
29	Titanium dioxide	ton	—	—	—	114,800
30		\$	—	—	—	5,091,000
31	Total non-metallics	\$	3,271,630	10,436,203	541,500	102,193,075
Fuels						
32	Coal	ton	—	5,709,953	838,910	—
33		\$	—	49,549,650	6,699,010	—
34	Natural gas	M cu. ft.	—	—	182,000	—
35		\$	—	—	136,500	—
36	Peat	ton	—	—	—	—
37		\$	—	—	—	—
38	Petroleum, crude	bbl.	—	—	12,500	—
39		\$	—	—	17,500	—
40	Total fuels	\$	—	49,549,650	6,853,010	—
Structural materials						
41	Clay products	\$	45,000	1,194,650	580,160	8,382,284
42	Cement	bbl.	468,600	—	928,555	9,659,792
43		\$	1,499,800	—	2,349,244	21,230,965
44	Lime	ton	—	—	19,193	463,665
45		\$	—	—	392,787	4,344,266
46	Sand and gravel	ton	2,099,713	1,503,034	5,029,103	36,912,628
47		\$	1,092,472	1,440,399	2,589,929	15,269,364
48	Stone	ton	347,227	363,518	494,854	10,160,038
49		\$	604,443	760,917	653,679	15,644,249
50	Total structural materials	\$	3,241,715	3,395,966	6,565,799	64,871,128
51	Grand total, 1955	\$	70,317,215	67,356,081	14,279,350	352,100,900
52	Grand total, 1954	\$	42,898,033	73,450,898	12,468,322	278,818,070

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1955 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
351,000	178,000	-	-	144,200	-	-	4,798,200	1
808,000	347,155	-	-	410,000	-	-	8,455,173	2
-	-	-	-	-	-	-	7,467	3
-	-	-	-	-	-	-	144,359	4
-	-	-	-	-	8,056	-	108,056	5
-	-	-	-	-	3,272	-	58,272	6
-	-	-	-	-	-	-	...	7
205,384	-	-	-	210,760	-	-	3,859,280	8
18,127	-	-	-	3,952	-	-	1,186,235	9
2,000	-	-	-	-	-	-	75,004	10
750	-	-	-	-	-	-	282,900	11
137,000	-	-	-	-	-	-	148,750	12
1,969,000	-	-	-	-	-	-	137,000	13
667	3,500	-	-	80,191	-	-	1,969,000	14
23,055	150,000	-	-	2,068,830	-	-	126,100	15
1,520,316	-	175,000	-	27,120	-	-	3,322,907	16
1,284,420	-	87,500	-	121,722	-	-	1,858,879	17
1,037,191	18,927	40,700	32,470	-	-	-	2,006,744	18
6,143,792	461,200	984,000	740,900	-	-	-	1,274,011	19
4,392	-	-	-	-	-	-	10,286,210	20
405,784	-	-	-	-	-	-	5,502	21
14,500	-	-	-	-	-	-	656,933	22
192,000	-	-	-	-	-	-	28,100	23
-	-	170,801	-	-	-	-	334,100	24
-	-	2,759,034	-	-	-	-	170,801	25
...	-	-	-	...	-	-	2,759,034	26
579,530	-	-	-	2,450,450	-	-	628,261	27
-	-	-	-	-	-	-	5,560,800	28
-	-	-	-	-	-	-	114,800	29
-	-	-	-	-	-	-	5,091,000	30
15,706,779	958,355	3,830,534	740,900	11,343,814	3,272	-	149,026,062	31
-	-	2,260,828	4,344,377	1,416,354	-	8,399	14,578,821	32
-	-	4,171,399	23,216,397	8,503,311	-	87,444	92,227,211	33
10,710,000	-	6,038,000	126,750,000	-	19,000	-	143,699,000	34
4,280,000	-	528,325	9,506,250	-	6,000	-	14,457,075	35
-	-	-	-	-	-	-	-	36
-	-	-	-	-	-	-	-	37
523,500	4,214,500	11,486,500	112,200,000	-	374,000	-	128,811,000	38
1,710,300	9,905,000	18,491,500	273,094,800	-	342,000	-	303,561,100	39
5,990,300	9,905,000	23,191,224	305,817,447	8,503,311	348,000	87,444	410,245,386	40
18,286,840	549,500	920,378	2,617,203	2,100,052	-	-	34,676,067	41
7,762,037	2,197,244	-	2,920,962	1,922,913	-	-	25,860,103	42
20,309,648	6,196,228	-	7,302,405	5,474,875	-	-	64,363,165	43
679,486	55,463	-	36,226	49,466	-	-	1,303,499	44
8,256,348	825,753	-	547,320	823,854	-	-	15,190,328	45
47,880,623	4,930,417	5,398,359	8,761,486	11,140,581	-	-	123,655,944	46
27,313,508	2,166,284	2,405,261	6,448,712	7,028,247	-	-	65,754,176	47
11,991,312	752,780	-	44,200	2,380,280	-	-	26,534,209	48
14,752,242	1,110,600	-	260,000	3,843,590	-	-	37,629,720	49
88,918,586	10,848,365	3,325,639	17,175,640	19,270,618	-	-	217,613,456	50
577,941,712	62,979,841	83,769,427	323,740,702	188,052,793	23,454,064	14,406,187	1,778,398,272	51
496,747,571	35,106,922	68,216,009	279,042,735	158,630,867	26,414,000	16,588,664	1,488,382,091	52

Table 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1954

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	33,324
4		\$	—	—	—	65,143
5	Cadmium	lb.	—	—	—	—
6		\$	—	—	—	—
7	Columbium (Cb ₂ O ₅)	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Copper	lb.	6,961,165	1,981,713	—	167,860,775
12		\$	2,029,876	577,868	—	48,948,202
13	Gold	oz.	6,528	3,754	—	1,098,570
14		\$	222,409	127,899	—	37,428,280
15	Indium	oz.	—	—	—	—
16		\$	—	—	—	—
17	Iron ore	ton	3,758,526	—	—	650,415
18		\$	21,749,304	—	—	3,818,309
19	Iron ingots	ton	—	—	—	90,562
20		\$	—	—	—	2,910,663
21	Lead	lb.	37,052,168	4,186,143	—	15,635,942
22		\$	4,939,054	558,013	—	2,084,271
23	Magnesium and calcium	lb.	—	—	—	...
24		\$	—	—	—	1
25	Molybdenite	lb.	—	—	—	752,417
26		\$	—	—	—	457,912
27	Nickel	lb.	—	—	—	—
28		\$	—	—	—	—
29	Palladium, iridium, etc.	oz.	—	—	—	—
30		\$	—	—	—	—
31	Platinum	oz.	—	—	—	—
32		\$	—	—	—	—
33	Pitchblende, etc. (2) .....	...	—	—	—	—
34		\$	—	—	—	—
35	Selenium	lb.	—	—	—	135,051
36		\$	—	—	—	675,255
37	Silver	oz.	742,120	262,361	—	4,907,304
38		\$	617,867	218,434	—	4,085,674
39	Tantalum (Ta ₂ O ₅)	lb.	—	—	—	—
40		\$	—	—	—	—
41	Tellurium	lb.	—	—	—	530
42		\$	—	—	—	928
43	Tin	lb.	—	—	—	—
44		\$	—	—	—	—
45	Titanium ore	ton	—	—	—	1,541
46		\$	—	—	—	9,462
47	Tungsten concentrates (WO ₃)	lb.	—	—	—	—
48		\$	—	—	—	—
49	Zinc	lb.	60,004,968	16,985,060	—	214,002,774
50		\$	7,188,595	2,034,810	—	25,637,532
51	Total metals	\$	36,747,105	3,517,024	—	126,121,631
Non-metallics						
52	Arsenious oxide	lb.	—	—	—	—
53		\$	—	—	—	—
54	Asbestos	ton	—	—	—	894,129
55		\$	—	—	—	79,906,506
56	Barite	ton	—	216,416	—	—
57		\$	—	1,888,459	—	—
58	Diatomite	ton	—	4	—	—
59		\$	—	192	—	—
60	Feldspar	ton	—	—	—	14,305
61		\$	—	—	—	278,997
62	Fluorspar	ton	118,065	—	—	—
63		\$	2,946,896	—	—	—
64	Graphite	ton	—	—	—	11
65		\$	—	—	—	1,093
66	Grindstone	ton	—	—	—	—
67		\$	—	—	—	—

1. Included in magnesitic dolomite and brucite.

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

Table 5. Final Statistics of Mineral Production of Canada, by Provinces, 1954 - Concluded

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded						
1	Gypsum	ton	26,653	3,168,134	88,856	-
2		\$	124,335	5,235,581	217,697	-
3	Iron oxide	ton	-	-	-	5,798
4		\$	-	-	-	183,507
5	Lithia	lb.	-	-	-	-
6		\$	-	-	-	-
7	Magnesitic dolomite, brucite	ton	-	-	-	-
8		\$	-	-	-	4,394,280
9	Mica	lb.	-	-	-	1,303,562
10		\$	-	-	-	78,351
11	Mineral water	gal.	-	-	-	282,078
12		\$	-	-	-	147,307
13	Nepheline syenite	ton	-	-	-	-
14		\$	-	-	-	-
15	Peat, moss	ton	-	118	9,888	27,784
16		\$	-	1,675	217,421	730,250
17	Perlite	ton	-	-	-	-
18		\$	-	-	-	-
19	Phosphate rock	ton	-	-	-	-
20		\$	-	-	-	-
21	Quartz	ton	-	-	-	83,507
22		\$	-	-	-	234,007
23	Salt	ton	-	150,589	-	-
24		\$	-	1,838,559	-	-
25	Silica brick	M	-	1,208	-	-
26		\$	-	244,040	-	-
27	Soapstone and talc	ton	9	-	-	14,437
28		\$	230	-	-	165,472
29	Sodium sulphate	ton	-	-	-	-
30		\$	-	-	-	-
31	Sulphur	ton	-	-	-	-
32		\$	-	-	-	-
33	Titanium dioxide	ton	-	-	-	1,854,489
34		\$	-	-	-	88,408
34		\$	-	-	-	3,841,270
35	Total non-metallics	\$	3,071,511	9,208,506	435,118	91,815,529
Fuels						
36	Coal	ton	-	5,842,896	781,271	-
37		\$	-	51,938,299	6,187,622	-
38	Natural gas	M cu. ft.	-	-	183,457	-
39		\$	-	-	136,405	-
40	Peat	ton	-	-	-	-
41		\$	-	-	-	-
42	Petroleum, crude	bbbl.	-	-	13,046	-
43		\$	-	-	18,265	-
44	Total fuels	\$	-	51,938,299	6,342,292	-
Structural materials						
45	Clay products	\$	33,042	1,082,039	587,994	8,055,692
46	Cement	bbbl.	403,515	-	854,808	7,541,373
47		\$	1,330,018	-	2,181,954	19,108,680
48	Lime	ton	-	-	22,533	445,892
49		\$	-	-	439,161	4,371,797
50	Sand and gravel	ton	2,105,522	1,330,979	3,528,318	30,052,887
51		\$	1,096,883	1,297,693	1,832,299	12,985,931
52	Stone	ton	359,350	9,757,607	720,792	10,111,361
53		\$	619,474	6,407,337	649,604	16,358,810
54	Total structural materials	\$	3,079,417	8,787,069	5,690,912	60,880,910
55	Grand total, 1954	\$	42,898,033	73,450,898	12,468,322	278,818,070
56	Grand total, 1953 (1)	\$	33,780,622	67,364,408	11,663,618	251,881,781

1. Pitchblende products, etc., are not included.

Table 5. Final Statistics of Mineral Production of Canada, by Provinces, 1954 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA	No	
357,432	162,037	—	—	147,310	—	—	3,950,422	1	
822,094	273,180	—	—	421,734	—	—	7,094,671	2	
—	—	—	—	—	—	—	5,798	3	
—	—	—	—	—	—	—	183,507	4	
—	—	—	—	—	17,052	—	17,052	5	
—	—	—	—	—	6,300	—	6,300	6	
—	—	—	—	—	—	—	—	7	
—	—	—	—	—	—	—	4,394,280	8	
137,208	—	—	—	266,000	—	—	1,706,770	9	
4,195	—	—	—	2,593	—	—	85,139	10	
2,000	—	—	—	—	—	—	284,078	11	
750	—	—	—	—	—	—	143,057	12	
123,669	—	—	—	—	—	—	123,669	13	
1,770,528	—	—	—	—	—	—	1,770,528	14	
640	3,494	—	—	57,348	—	—	99,272	15	
19,809	146,477	—	—	1,902,990	—	—	3,018,622	16	
—	—	—	—	—	—	—	—	17	
—	—	—	—	—	—	—	—	18	
—	—	—	—	—	—	—	—	19	
—	—	—	—	—	—	—	—	20	
1,476,745	—	155,899	—	—	—	—	1,716,151	21	
1,270,731	—	70,155	—	—	—	—	1,574,893	22	
733,066	17,809	37,227	31,196	—	—	—	969,887	23	
4,440,418	439,154	899,849	722,183	—	—	—	8,340,163	24	
2,370	—	—	—	—	—	—	3,578	25	
221,117	—	—	—	—	—	—	465,157	26	
13,697	—	—	—	—	—	—	28,143	27	
169,651	—	—	—	—	—	—	335,353	28	
—	—	158,417	—	—	—	—	158,417	29	
—	—	2,385,573	—	—	—	—	2,385,573	30	
—	—	—	—	—	—	—	532,406	31	
495,980	—	—	—	2,525,500	—	—	4,875,969	32	
—	—	—	—	—	—	—	88,408	33	
—	—	—	—	—	—	—	3,841,270	34	
13,161,184	858,811	3,355,577	722,183	7,888,905	6,300	—	130,523,624	35	
—	—	2,116,740	4,859,049	1,299,510	—	14,113	14,913,579	36	
—	—	3,961,702	26,382,603	7,927,268	—	202,772	96,600,266	37	
10,015,818	—	3,333,077	107,173,777	—	29,085	—	120,735,214	38	
4,006,327	—	291,644	8,038,033	—	9,700	—	12,482,109	39	
6	—	—	—	—	—	—	6	40	
60	—	—	—	—	—	—	60	41	
412,474	2,148,184	5,422,899	87,713,855	—	369,887	—	96,080,345	42	
1,391,687	5,619,649	8,183,304	228,319,165	—	344,960	—	243,877,030	43	
5,398,074	5,619,649	12,436,650	262,739,801	7,927,268	354,660	202,772	352,959,465	44	
—	—	—	—	—	—	—	—	—	45
17,230,231	512,989	844,398	2,316,982	1,696,731	—	—	32,360,098	45	
7,208,061	1,633,389	—	3,052,805	1,743,526	—	—	22,437,477	46	
18,958,173	4,760,539	—	7,761,082	4,935,298	—	—	59,035,644	47	
610,591	52,178	—	32,599	51,046	—	—	1,214,839	48	
7,680,739	821,903	—	493,303	935,246	—	—	14,742,149	49	
46,433,191	4,831,716	5,211,429	7,313,380	10,153,612	—	—	110,961,034	50	
26,577,612	2,084,367	2,055,766	4,867,410	6,189,710	—	—	58,987,671	51	
10,141,156	207,556	—	27,017	1,443,086	—	—	32,767,925	52	
12,538,699	703,052	—	135,315	2,444,843	—	—	39,857,134	53	
82,985,454	8,882,850	2,900,164	15,574,092	16,201,828	—	—	204,982,696	54	
—	—	—	—	—	—	—	—	—	55
496,747,571	35,106,922	68,216,009	279,042,735	158,630,867	26,414,000	16,588,664	1,488,382,091	55	
—	—	—	—	—	—	—	—	—	56
465,877,093	25,364,112	48,081,970	248,863,295	158,487,812	10,300,230	14,738,562	1,336,303,503	56	

ALUMINUM

Table 6.

Year	Production of aluminum ingots	Consumption of aluminum ingots	Exports		Imports of ingots, slabs and blooms
			Bars, ingots and blooms	Rods, sheets and circles	
(Tons of 2,000 pounds)					
1946	194,117	33,875	187,336	2,449	246
1947	299,066	50,265	230,175	3,898	616
1948	367,079	55,433	328,551	6,168	25
1949	369,466	58,767	296,906	10,576	40
1950	396,882	65,185	335,726	11,445	63
1951	447,095	86,241	354,414	14,805	270
1952	499,758	90,287	412,590	23,617	13
1953	548,445	83,548	459,692	17,377	35
1954	557,897	80,355	468,494	17,447	115
1955	584,153	69,247	506,879	16,658	99

Note: Output of aluminum metal in Canada is not included in the mineral production figures for the country. Although Canada has one of the world's largest aluminum smelters, all of the ores for use in same are imported.

ANTIMONY

Table 7.

Year	Total production in all forms ¹		Production, refined metal	Imports		Consumption, refined metal
	Pounds	\$		Refined metal or regulus		
				Pounds	\$	Pounds
1946	642,145	96,322	—	1,861,962	374,066	1,742,000
1947	1,150,463	384,255	—	2,880,513	807,307	2,378,000
1948	310,062	113,173	—	1,093,835	351,942	1,824,000
1949	158,288	61,020	—	2,583,635	908,302	1,760,000
1950	643,540	215,586	—	3,212,784	873,720	1,960,000
1951	6,702,164	1,436,713	—	1,362,260	687,166	2,608,000
1952	2,300,900	601,483	—	1,721,622	511,866	1,450,000
1953	1,488,105	291,862	—	1,729,253	371,340	1,720,000
1954	1,302,333	349,249	—	2,043,544	490,782	1,710,000
1955	1,970,000	536,575	—	1,359,163	356,340	1,545,000

1. Since 1945 the figures represent antimony content of antimonial lead produced at primary smelter. 1951—Production includes antimony in flue dust and slag shipped in earlier years but not previously recorded.

BISMUTH

Table 8.

Year	Total production in all forms		Production, refined metal	Imports, refined metal		Consumption, refined metal
	Pounds	\$		Pounds	\$	
1946	240,504	336,706	234,020	6	13	80,000
1947	284,372	560,213	284,357	3,984	9,009	142,000
1948	240,242	480,484	221,677	166,776	88,996	88,000
1949	102,913	210,972	209,975 ¹	272,774	98,659	28,000
1950	191,621	431,147	194,326 ¹	59	206	66,000
1951	230,298	543,504	200,365 ¹	585	2,145	109,000
1952	162,373	347,224	142,246 ¹	2,491	6,124	106,000
1953	117,366	209,557	71,297 ¹	997	2,141	67,000
1954	258,675	572,183	225,352	—	—	74,000
1955	207,670	422,333	160,766	5,908	11,888	92,000

1. Includes some bismuth from foreign ores.

CADMIUM

Table 9.

Year	Production in all forms		Consumption, refined metal	Exports, refined metal	
	Pounds	\$	Pounds	Pounds	\$
1946	802,648	979,230	192,000	573,368	694,254
1947	719,534	1,235,879	144,000	622,891	1,370,233
1948	766,090	1,398,114	184,000	596,098	1,395,349
1949	846,541	1,725,409	226,000	633,607	1,454,262
1950	848,406	1,963,302	231,000	676,005	1,497,852
1951	1,326,920	3,556,145	291,000	824,850	2,237,763
1952	948,587	2,086,891	232,000	620,344	1,502,582
1953	1,118,285	2,236,570	265,000	969,563	1,691,989
1954	1,086,780	1,847,526	226,000	776,391	1,208,355
1955	1,971,012	3,350,720	347,000	1,562,337	2,275,472

CHROMITE

Table 10.

Year	Production of chrome ore		Imports of chrome ore	
	Tons	\$	Tons	\$
1946	3,110	61,123	15,836	269,248
1947	2,162	42,159	98,322	3,138,229
1948	1,715	33,568	69,183	1,937,692
1949	361	7,148	66,246	1,664,082
1950	—	—	119,325	2,192,555
1951	—	—	146,999	3,762,874
1952	—	—	148,343	5,146,860
1953	—	—	118,092	3,006,549
1954	—	—	37,516	571,984
1955	—	—	51,854	971,522

COBALT

Table 11.

Year	Total production in all forms ¹		Imports, cobalt ore		Exports			
					Cobalt contained in ores		Metallic cobalt and alloys	
	Pounds	\$	Tons	\$	Pounds	\$	Pounds	\$
1946	73,900	70,215	585	451,115	48,100	41,091	510,526	854,282
1947	572,673	875,644	—	—	89,300	69,060	40,366	72,095
1948	1,544,852 ²	2,029,178	424	64,857	871,000	641,320	31,410	61,824
1949	619,065	952,469	41	2,465	49,300	37,301	12,000	23,638
1950	583,806	964,003	1,956	435,655	16,700	15,302	1,011	9,619
1951	951,607	1,999,612	1,844	760,510	35,300	46,754	192,260	375,383
1952	1,421,923	3,226,903	5,604	1,790,889	—	—	335,945	772,876
1953	1,602,545	4,013,077	2,144	628,251	37,100	60,418	781,243	2,486,945
1954	2,252,965	5,912,997	5	1,321	3,300	5,693	1,143,965	3,800,715
1955	2,999,650	7,723,500	19	10,898	—	—	1,555,345	3,517,673

1. From Canadian ores only.

2. A large part of production recorded for 1948 consisted of shipments from stockpiles of ores which were mined in earlier years.

COPPER

Table 12. Production of Primary¹ Copper in all Forms

Year	Newfoundland		Nova Scotia		Quebec	
	Tons	\$	Tons	\$	Tons	\$
1946	Newfoundland joined Confederation in 1949		—	—	34,899	8,934,105
1947			—	—	42,561	17,356,259
1948			—	—	48,813	21,819,473
1949	3,617	1,444,837	—	—	67,822	27,092,363
1950	3,221	1,508,910	—	—	72,891	34,141,997
1951	2,899	1,606,233	—	—	68,866	38,151,738
1952	2,959	1,689,079	383	218,663	68,846	39,297,212
1953	2,814	1,684,862	788	471,962	54,920	32,886,057
1954	3,481	2,029,876	991	577,868	83,980	48,948,202
1955	3,185	2,348,569	1,101	811,988	100,882	74,400,117
	Ontario		Manitoba		Saskatchewan	
1946	89,712	22,502,528	19,250	4,928,134	31,356	8,027,258
1947	113,934	46,018,544	15,316	6,245,817	33,151	13,518,963
1948	120,383	53,384,560	18,960	8,475,160	31,074	13,890,237
1949	113,042	44,658,786	16,960	6,774,871	34,960	13,964,980
1950	117,210	54,411,033	20,817	9,750,846	28,982	13,575,052
1951	128,808	70,861,789	15,839	8,774,768	31,625	17,520,373
1952	125,343	70,973,056	9,374	5,350,804	30,344	17,320,154
1953	130,582	77,587,439	9,411	5,635,573	30,588	18,316,355
1954	140,776	81,343,536	12,274	7,161,925	36,192	21,107,074
1955	145,040	106,967,164	19,306	14,237,850	32,850	24,226,875
	British Columbia		Northwest Territories		Canada	
1946	8,750	2,240,068	—	—	183,968	46,632,093
1947	20,900	8,402,305	—	—	225,862	91,541,888
1948	21,502	9,590,326	—	—	240,732	107,159,756
1949	27,055	10,783,314	—	—	263,457	104,719,151
1950	21,086	9,823,569	—	—	264,209	123,211,407
1951	21,932	12,110,779	1	536	269,971	149,026,216
1952	20,786	11,828,103	3	1,969	258,038	146,679,040
1953	24,148	14,371,494	—	—	253,252	154,953,742
1954	25,088	14,544,212	—	—	302,732	175,712,693
1955	22,215	16,383,767	—	—	324,604	239,394,952

1. Blister copper plus recoverable copper in ores and matte exported.

Note: 1955 — New Brunswick, 25 tons valued at \$18,622.

Table 13. Production of Refined Copper, Consumption, Imports and Exports

Year	Production	Domestic consumption	Exports, ingot bars	Imports
	(Tons of 2,000 pounds)			
1946	167,221	80,500	101,414	...
1947	202,425	109,210	87,478	...
1948	221,275	109,844	107,911	...
1949	226,083	100,905	129,089	...
1950	238,204	106,876	131,503	...
1951	245,466	134,174	107,214	1,511
1952	196,320	130,347	113,675	12,972
1953	236,966	108,526	131,994	5,515
1954	253,365	102,000	156,130	1
1955	290,478	139,280	153,200	35

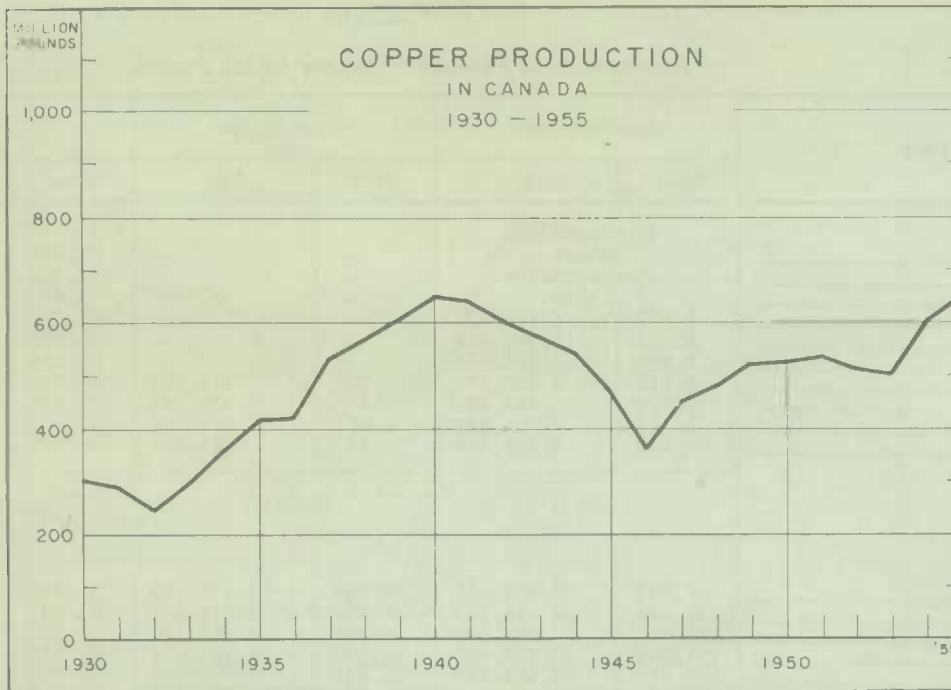


Table 14. Exports of Primary Copper

Year	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	\$	Tons	\$
1946	17,628	2,467,906	101,415	27,463,366
1947	29,094	9,310,000	37,478	33,485,810
1948	28,556	9,137,840	116,169	50,682,650
1949	37,058	14,823,140	127,160	53,714,754
1950	32,299	12,919,680	134,244	59,665,730
1951	36,853	14,740,460	101,832	59,022,855
1952	34,437	15,387,824	113,675	71,406,317
1953	51,158	27,625,485	131,994	80,939,921
1954	47,411	25,602,156	156,130	91,355,516
1955	42,565	28,563,092	153,199	109,649,603

GOLD

Table 15. Production of Gold

Year	Fine ounces	\$	Year	Fine ounces	\$
1946	2,832,554	104,096,359	1951	4,392,751	161,872,873
1947	3,070,221	107,457,735	1952	4,471,725	153,246,016
1948	3,529,608	123,536,280	1953	4,055,723	139,597,985
1949	4,123,518	148,446,648	1954	4,366,440	148,764,611
1950	4,441,227	168,988,687	1955	4,556,400	157,305,152

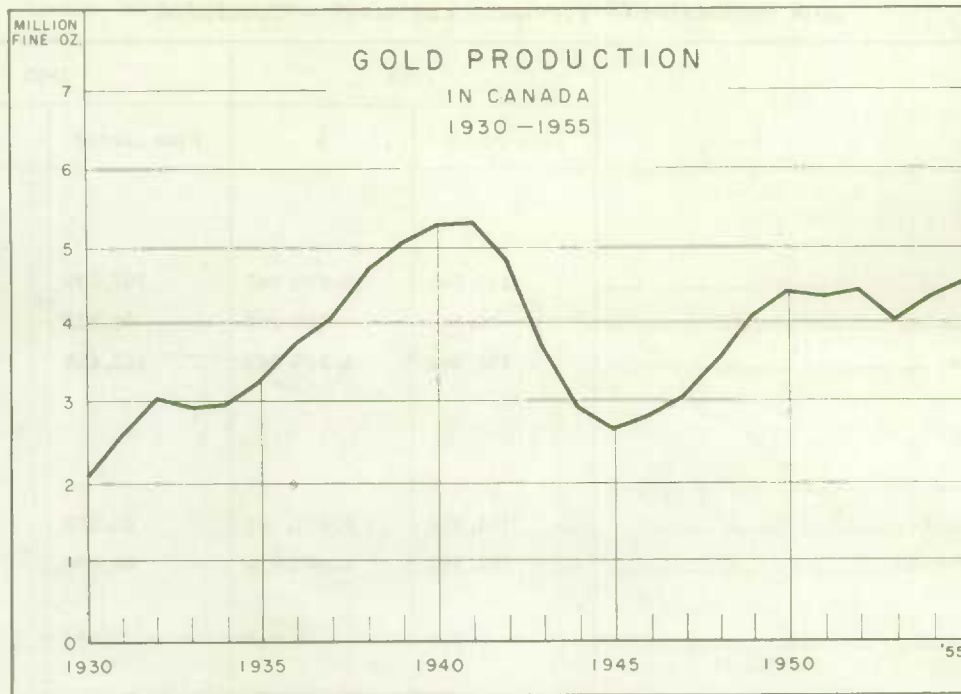


Table 16. Gold Production by Provinces and Areas

	1954		1955	
	Fine ounces	\$	Fine ounces	\$
Newfoundland	6,528	222,409	6,100	210,596
Nova Scotia	3,754	127,890	3,925	135,507
Quebec:				
Gold mines.....	792,465	26,999,283	769,252	26,557,656
Base metal mines.....	306,105	10,428,997	386,284	13,336,069
Total Quebec.....	1,098,570	37,428,280	1,155,536	39,893,725
Ontario:				
Gold mines: Porcupine.....	1,038,919	35,395,970	1,074,994	37,113,093
Kirkland Lake	392,797	13,382,253	395,778	13,663,840
Larder Lake.....	363,139	12,372,146	425,905	14,703,944
Matachewan.....	30,671	1,044,961	29,500	1,018,458
Sudbury.....	42,728	1,455,743	39,052	1,348,231
Thunder Bay	96,365	3,283,156	103,561	3,575,340
Patricia	350,576	11,944,124	404,857	13,977,283
Other mines.....	46,200	1,574,034	52,552	1,814,305
Total Ontario.....	2,361,385	80,452,387	2,526,199	87,214,494

Table 16. Gold Production by Provinces and Areas - Concluded

	1954		1955	
	Fine ounces	\$	Fine ounces	\$
Manitoba:				
Gold mines	111, 642	3, 303, 847	107, 130	3, 698, 556
Other mines	23, 296	793, 695	24, 325	839, 796
Total Manitoba	134, 944	4, 597, 542	131, 455	4, 538, 352
Saskatchewan:				
Gold mines	1	34	-	-
Other mines	101, 784	3, 467, 781	83, 800	2, 893, 111
Total Saskatchewan	101, 785	3, 467, 815	83, 800	2, 893, 111
Alberta (placer)	195	6, 644	194	6, 697
British Columbia:				
Gold mines (lode)	210, 948	7, 186, 998	214, 031	7, 389, 206
Gold mines (placer)	7, 165	242, 068	6, 195	213, 876
Other mines	50, 455	1, 719, 002	36, 244	1, 251, 288
Total British Columbia	268, 508	9, 148, 068	256, 470	8, 854, 370
Northwest Territories:				
Gold mines	308, 563	10, 512, 741	318, 341	10, 990, 405
Yukon (chiefly placer)	82, 208	2, 800, 826	74, 380	2, 567, 895
Total Canada	4, 366, 440	148, 764, 611	4, 556, 400	157, 305, 152

IRON ORE

Table 17.

Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
1946	1, 549, 523	6, 822, 947	2, 281, 677	6, 467, 023	1, 145, 256	4, 352, 971
1947	1, 919, 366	9, 313, 201	3, 944, 550	12, 716, 818	1, 749, 976	6, 023, 448
1948	1, 337, 244	7, 487, 611	4, 300, 163	15, 506, 959	1, 070, 277	5, 300, 742
1949	3, 675, 096	21, 203, 907	2, 517, 235	12, 057, 415	2, 550, 299	14, 117, 171
1950	3, 605, 261	23, 413, 547	3, 070, 557	16, 301, 727	2, 227, 475	13, 309, 782
1951	4, 680, 510	31, 141, 112	3, 831, 418	22, 671, 265	3, 225, 767	18, 596, 137
1952	5, 271, 849	33, 744, 311	4, 267, 658	26, 519, 451	3, 846, 998	22, 333, 472
1953	6, 509, 818	44, 102, 944	4, 167, 571	28, 193, 710	4, 819, 975	30, 842, 991
1954	7, 361, 598	49, 666, 507	3, 035, 191	20, 415, 600	6, 126, 938	39, 718, 740
1955	17, 377, 252	113, 385, 503	4, 538, 789	31, 563, 361	14, 568, 960	99, 814, 106

LEAD

Table 18.

Year	Production of primary ¹ lead in all forms.		Production, refined lead ²	Exports				Consumption, refined lead
	Tons	\$		Lead contained in ore		Pig lead		
			Tons	\$	Tons	\$	Tons	\$	Tons
1946	176,987	23,893,230	165,744	6,007	730,933	104,109	15,977,709	62,784
1947	161,668	44,200,124	162,000	6,726	1,061,583	124,965	29,098,727	64,131
1948	167,251	60,344,146	160,025	5,607	1,563,492	103,762	32,758,514	59,542
1949	159,775	50,488,879	146,149	19,891	4,741,371	113,534	36,725,204	51,281
1950	165,697	47,880,452	170,023	19,276	5,560,510	115,167	32,241,459	54,723
1951	158,231	56,229,146	162,000	19,648	6,765,963	105,736	38,123,412	55,210
1952	168,342	54,671,021	182,943	23,967	6,897,640	129,740	41,614,984	53,439
1953	193,706	50,076,822	165,752	61,683	14,784,744	102,879	22,976,167	67,718
1954	218,495	58,250,331	166,005	59,755	14,568,258	116,409	25,802,738	67,947
1955	193,974	55,786,929	148,811	58,164	15,034,498	92,704	22,078,426	66,222

1. Lead in base bullion plus recoverable lead in ores exported.
2. Includes lead from foreign ores.

Table 19. Production of Lead in all Forms, by Provinces

Year	Newfoundland ¹		Nova Scotia		New Brunswick		Quebec	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1946			—	—	—	—	3,680	496,780
1947			—	—	—	—	4,088	1,117,601
1948			—	—	—	—	4,761	1,717,741
1949	18,608	5,880,191	—	—	—	—	5,799	1,832,510
1950	17,918	5,178,320	—	—	—	—	7,676	2,218,475
1951	16,444	6,051,427	—	—	—	—	7,756	2,854,323
1952	18,059	5,847,571	778	252,021	—	—	10,520	3,406,353
1953	17,702	4,576,214	1,826	472,074	—	—	9,237	2,387,930
1954	18,526	4,939,054	2,093	558,013	—	—	7,818	2,084,271
1955	17,537	5,043,735	2,043	587,423	797	229,200	5,258	1,512,181
	Ontario		British Columbia		Yukon		Canada	
1946	350	47,199	172,931	23,345,731	26	3,520	176,987	23,893,230
1947	141	38,654	156,866	42,887,313	573	156,556	161,668	44,200,124
1948	172	62,036	160,019	57,734,770	2,299	829,599	167,251	60,344,146
1949	—	—	132,690	41,929,866	2,678	846,312	159,775	50,488,879
1950	—	—	133,660	38,627,700	6,443	1,861,957	165,697	47,886,452
1951	—	—	127,764	47,017,311	6,267	2,306,085	158,231	58,229,146
1952	902	291,979	129,385	41,894,771	9,184	2,973,883	168,842	54,671,021 ²
1953	328	84,892	148,817	36,472,263	15,796	4,083,449	193,706	50,076,822
1954	1,408	375,321	171,768	45,793,259	16,882	4,500,913	218,495	58,250,331
1955	2,100	603,960	153,359	44,106,000	12,880	3,704,430	193,974	55,786,929

1. Newfoundland joined Confederation in 1949.
2. Includes 14 tons from Northwest Territories.

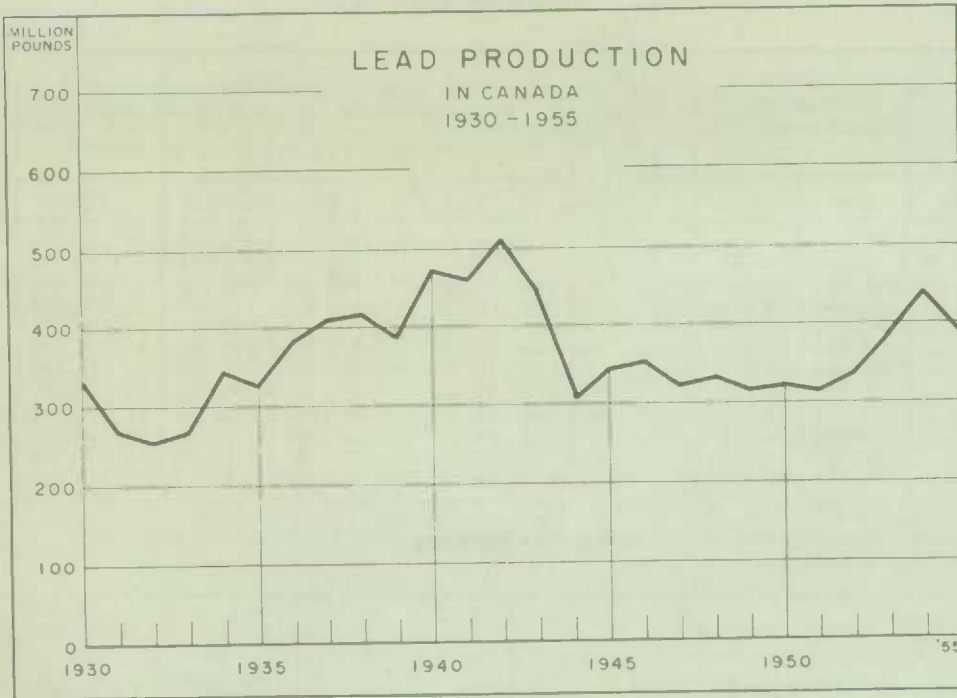


Table 20.

MAGNESIUM

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	\$		Pounds	\$
1946	320,677	75,538	1952 .....	...	4,812,368 ¹
1947-1949	Not available for publication		1953 .....	...	5,295,840 ¹
1950 .....	...	1,545,011 ¹	1954 .....	...	4,101,642 ¹
1951 .....	...	3,618,219 ¹	1955 .....	...	4,657,225 ¹

1. Includes calcium in 1950-1955.

Table 21.

MANGANESE ORE

Year	Production		Imports	
	Tons	\$	Tons	\$
1946	—	—	144,023	2,484,707
1947	225	7,875	223,503	6,145,568
1948	3	88	230,298	6,449,819
1949	—	—	137,854	4,475,522
1950	—	—	135,697	4,993,912
1951	—	—	222,082	9,078,011
1952	—	—	194,404	8,273,722
1953	—	—	66,682	2,719,863
1954	—	—	48,962	2,277,043
1955	—	—	175,282	7,338,269

MERCURY

Table 22.

Year	Production		Imports		Exports	
	Pounds	\$	Pounds	\$	Pounds	\$
1946	—	—	152,719	165,431	57,005	100,665
1947	—	—	412,649	400,156	17,084	22,205
1948	—	—	803,878	600,223	175	251
1949	—	—	278,069	266,092	8	16
1950	—	—	614,005	542,752	8,100	10,024
1951	—	—	308,172	767,319	58,235	149,035
1952	—	—	144,439	388,025	1,500	4,935
1953	—	—	196,412	436,040	7,018	18,857
1954	—	—	244,783	632,145	6,310	20,907
1955	—	—	555,526	1,930,987	3,781	15,131

MOLYBDENITE

Table 23.

Year	Shipments			Year	Shipments		
	Concentrates	MoS ₂ content	\$		Concentrates	MoS ₂ content	\$
	Tons	Pounds			Tons	Pounds	
1946	368.2	676,844	295,640	1951	241.1	381,596	228,958
1947	396.0	759,795	309,048	1952	331.	505,964	409,831
1948	173.5	304,762	137,143	1953	184.4	323,907	215,527
1949	—	—	—	1954	411	752,417	457,912
1950	108.9	103,550	60,059	1955	n.a.	1,289,441	806,184

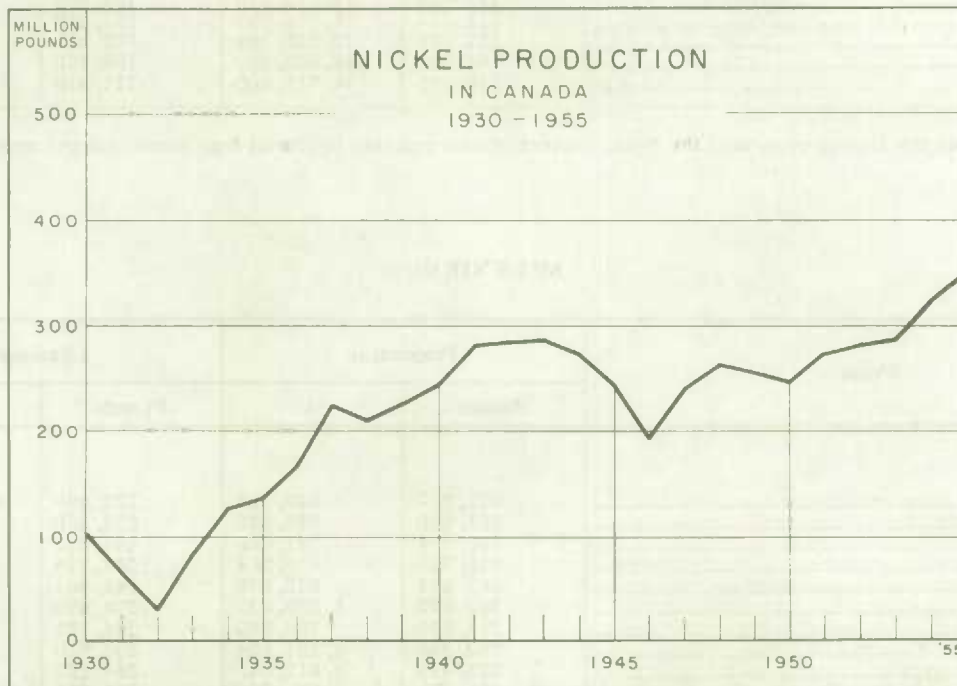


Table 24. NICKEL

Year	Production of primary ¹ nickel in all forms		Exports			
			Nickel contained in matte or speiss		Refined nickel	
	Tons	\$	Tons	\$	Tons	\$
1946	96,062	45,385,155	30,625	11,026,910	80,797	43,949,160
1947	118,626	70,650,764	39,767	18,292,728	70,756	39,074,966
1948	131,740	86,904,235	50,801	24,320,922	71,247	44,460,782
1949	128,690	99,173,289	56,902	41,760,237	69,088	49,874,301
1950	123,659	112,104,685	53,090	46,423,080	66,894	57,568,522
1951	137,903	151,269,994	57,882	60,286,600	72,357	75,606,713
1952	140,559	151,349,438	63,753	70,248,850	77,059	79,672,175
1953	143,643	160,430,098	63,909	70,312,715	79,909	90,900,597
1954	166,299	180,173,392	65,823	72,862,335	91,410	107,828,514
1955	174,581	216,433,694	65,954	79,045,411	106,473	134,765,810

1. Refined nickel and nickel in oxide and salts plus nickel in matte exported.

Table 25. METALS OF THE PLATINUM GROUP

Year	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
1946	121,771	7,672,791	117,566	5,162,801
1947	94,570	5,582,467	110,332	4,387,740
1948	121,404	10,622,850	148,343	6,295,132
1949	153,784	11,603,002	182,233	8,289,915
1950	124,571	10,255,929	148,741	7,578,144
1951	153,483	14,542,515	164,905	7,950,107
1952	122,317	10,916,792	157,407	7,559,109
1953	137,545	12,550,981	166,018	7,495,409
1954	154,356	12,950,469	189,350	7,956,087
1955	240,000	14,715,000	211,820	8,118,000

1. From 1945 the figures represent the metal content of concentrates produced from nickel-copper ores.

Table 26. SELENIUM

Year	Production		Exports	
	Pounds	\$	Pounds	\$
1946	521,867	949,798	723,490	1,261,205
1947	501,090	937,038	673,588	1,131,013
1948	390,894	781,788	447,885	827,881
1949	318,225	652,361	343,784	627,558
1950	261,973	633,975	542,401	1,195,143
1951	382,603	1,239,633	370,473	1,301,245
1952	242,030	786,599	244,121	894,071
1953	262,346	1,101,854	253,620	1,066,824
1954	323,529	1,617,645	344,292	1,943,752
1955	431,000	3,009,000	334,215	2,555,689

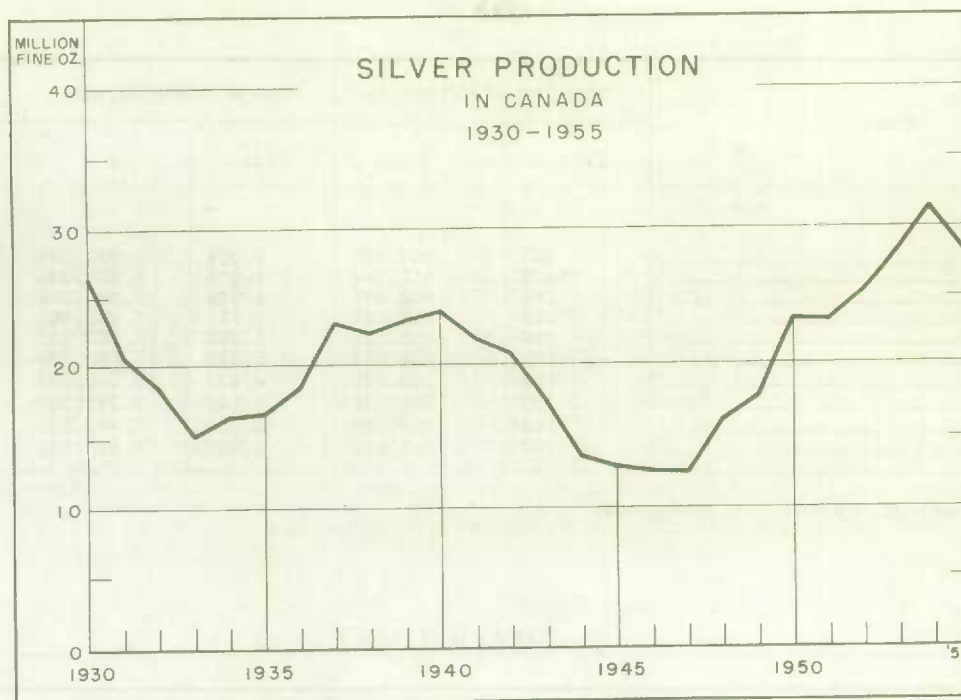


Table 27.

SILVER

Year	Production of primary silver in all forms		Exports			
			Silver contained in ores, concentrates, etc.		Silver bullion	
	Fine ounces	\$	Fine ounces	\$	Fine ounces	\$
1946	12,544,100	10,493,139	1,863,817	1,429,083	2,316,689	2,061,338
1947	12,504,018	9,002,893	2,722,261	1,998,464	7,514,373	5,429,335
1948	16,109,982	12,082,487	3,294,691	2,433,953	5,434,364	4,026,174
1949	17,641,493	13,098,808	4,054,614	3,005,184	6,211,912	4,568,287
1950	23,221,431	18,767,561	3,494,107	2,742,599	8,355,183	6,678,507
1951	23,125,825	21,865,467	2,413,288	2,059,949	15,381,276	14,419,658
1952	25,222,227	21,065,603	3,546,448	2,830,376	14,928,515	12,617,803
1953	28,299,335	23,774,271	5,686,518	4,613,352	14,632,914	12,231,682
1954	31,117,949	25,907,870	8,672,340	6,961,088	14,467,015	11,991,817
1955	27,901,427	24,625,797	5,873,873	4,857,948	16,598,577	14,485,037

Table 28.

TELLURIUM

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1946	15,848	24,405	1951	8,913	16,400
1947	9,194	16,090	1952	6,035	10,259
1948	11,425	19,994	1953	4,694	8,215
1949	11,692	21,046	1954	8,171	14,300
1950	10,075	19,143	1955	6,000	11,000

TIN

Table 29.

Year	Production of refined tin		Imports in blocks, pigs		Consumption
	Tons	\$	Tons	\$	Tons
1946.....	437	507,028	4,201	5,977,344	4,152
1947.....	357	517,794	4,436	6,677,436	4,063
1948.....	346	688,567	4,029	7,898,335	4,531
1949.....	310	633,047	4,117	7,861,468	4,835
1950.....	398	828,259	5,395	10,337,330	5,069
1951.....	173	494,073	6,872	19,576,828	5,288
1952.....	106	253,581	4,423	10,595,385	4,743
1953.....	322*	581,746	4,146	8,263,530	4,424
1954.....	164*	263,359	4,296	7,441,782	4,036
1955.....	198*	317,800	4,836	8,813,544	4,502

(*) Tin content of exported tin concentrates.

TITANIUM ORE

Table 30.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1946.....	1,406	7,735	1951.....	1,674	9,790
1947.....	7,104	36,036	1952.....	51	459
1948.....	4,441	21,091	1953.....	9,294	80,085
1949.....	540	2,892	1954.....	1,541	9,462
1950.....	1,253	7,706	1955.....	1,736	12,152

TUNGSTEN

Table 31.

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude	WO ₃ content	\$	Pounds	\$
	(Pounds)				
1946.....	...	...	...	2,000	1,131
1947.....	668,000	496,023	680,792	97,500	75,811
1948.....	1,409,297	1,046,160	1,046,160	166,400	126,519
1949.....	334,000	252,380	252,380	55,600	34,613
1950.....	1,886,000	284,078	160,343	55,600	49,942
1951.....	4,145	2,833	7,098	86,562	164,827
1952.....	3,670,686	1,493,111	4,488,237	73,485	202,064
1953.....	6,307,717	2,446,028	5,689,160	254,100	284,650
1954.....	3,237,748	2,170,633	5,795,781	294,312	244,473
1955.....	n.a.	2,282,970	6,465,638	91,800	126,137

ZINC

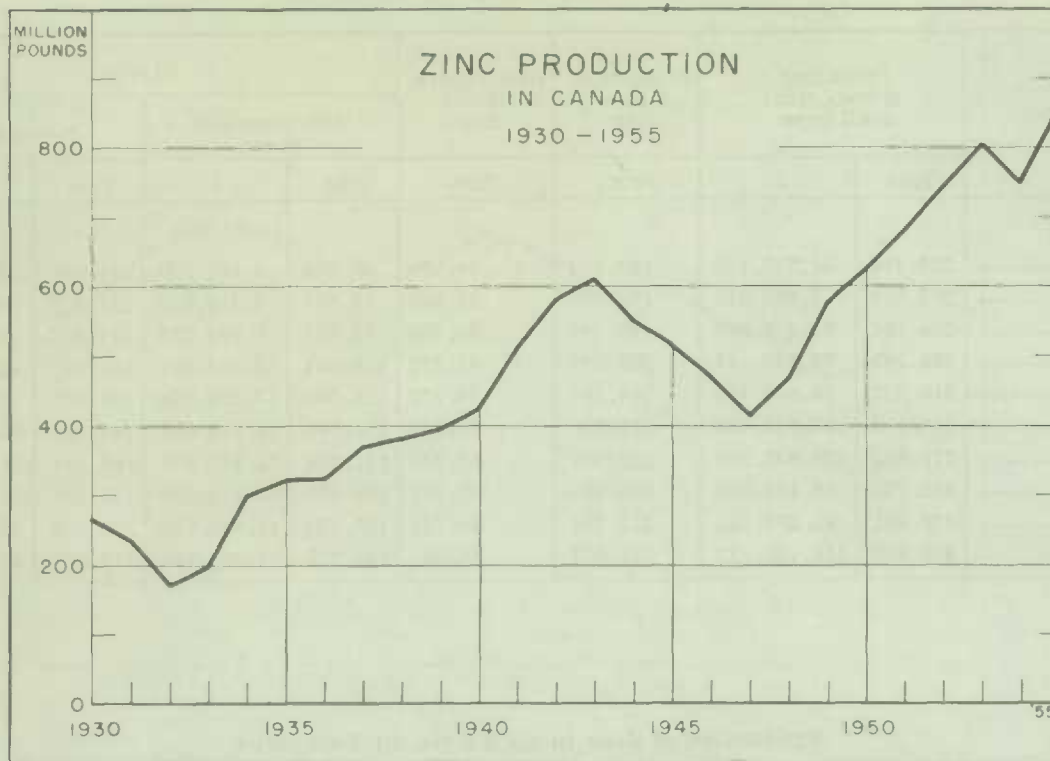
Table 32.

Year	Production, primary zinc in all forms		Production, refined zinc	Consumption, refined zinc	Exports			
	Tons	\$	Tons	Tons	Zinc contained in ore		Refined zinc	
					Tons	\$	Tons	\$
1946.....	235,310	36,755,450	185,683	54,969	58,200	3,181,120	144,896	24,174,704
1947.....	207,863	46,686,010	178,264	51,065	40,575	2,916,649	137,228	26,661,360
1948.....	234,164	65,237,956	196,575	46,899	54,227	4,752,238	144,887	36,685,950
1949.....	288,262	76,372,147	206,045	41,578	106,684	12,562,931	168,307	42,482,982
1950.....	313,227	98,040,145	204,367	54,370	129,561	17,399,678	146,880	40,593,669
1951.....	341,112	135,762,643	207,799	61,023	154,593	27,153,095	146,132	55,423,769
1952.....	371,802	129,833,285	222,200	51,581	181,754	34,491,726	166,864	61,309,973
1953.....	401,762	96,101,386	250,961	50,717	192,657	22,923,232	158,388	34,292,884
1954.....	376,491	90,207,285	213,775	46,735	180,172	18,838,888	206,038	39,188,377
1955.....	426,966	116,425,122	257,008	66,653	190,585	22,988,483	213,837	47,107,303

Table 33.

Production of Zinc in all Forms, by Provinces

Year	Newfoundland		Nova Scotia		Quebec		Ontario	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1946.....	Joined Confederation		—	—	44,825	7,001,675	21	3,329
1947.....	1949		—	—	34,731	7,800,686	—	—
1948.....			—	—	47,879	13,339,095	—	—
1949.....	31,909	8,454,091	—	—	62,661	16,601,312	—	—
1950.....	30,539	9,558,647	—	—	85,819	26,861,397	—	—
1951.....	28,469	11,330,799	—	—	86,363	34,372,439	—	—
1952.....	30,517	10,656,475	4,408	1,539,298	94,899	33,138,567	372	130,063
1953.....	28,002	6,698,029	7,349	1,757,964	100,430	24,022,766	86	20,546
1954.....	30,002	7,188,595	8,493	2,034,810	107,001	25,637,532	710	170,122
1955.....	28,650	7,821,450	8,060	2,200,380	102,593	28,007,880	1,533	418,372
	Manitoba		Saskatchewan		British Columbia		Yukon	
1946.....	17,790	2,778,840	35,539	5,551,122	137,135	21,420,484	—	—
1947.....	13,877	3,116,677	32,752	7,356,054	126,503	28,412,593	—	—
1948.....	20,658	5,755,186	30,472	8,489,465	135,155	37,654,210	—	—
1949.....	17,041	4,514,805	32,133	8,513,358	144,094	38,176,346	424	112,235
1950.....	21,453	6,714,728	27,491	8,604,629	145,172	45,438,871	2,753	861,873
1951.....	15,111	6,013,982	39,574	15,750,548	168,756	67,164,754	2,839	1,130,121
1952.....	15,092	5,270,306	46,691	16,304,364	174,288	60,861,359	5,535	1,932,853
1953.....	15,766	3,771,315	49,965	11,951,537	191,150	45,723,183	9,014	2,156,046
1954.....	16,253	3,894,226	50,670	12,140,475	151,539	36,308,784	11,823	2,832,741
1955.....	18,250	4,845,750	49,325	13,465,725	209,165	57,102,070	9,390	2,563,495



FUELS

COAL

Table 34.

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1946	17,806,450	75,361,481	26,106,599	120,354,420	862,489	5,946,224
1947	15,868,866	77,475,017	28,891,930	138,949,785	714,549	5,440,788
1948	18,449,689	106,684,008	30,873,912	186,387,751	1,273,262	11,555,985
1949	19,120,046	110,915,121	22,195,210	141,149,063	432,043	3,563,892
1950	19,139,112	110,140,399	26,954,823	174,764,131	394,961	3,198,040
1951	18,586,823	109,038,835	26,971,572	170,151,246	419,981	3,448,005
1952	17,579,002	111,026,149	25,088,450	152,538,874	388,960	3,203,522
1953	15,900,673	102,721,875	23,265,541	136,567,453	255,274	1,999,908
1954	14,913,579	96,600,266	18,708,152	106,378,808	219,346	1,716,435
1955	14,578,821	92,227,211	19,742,531	110,550,922	592,782	4,870,598

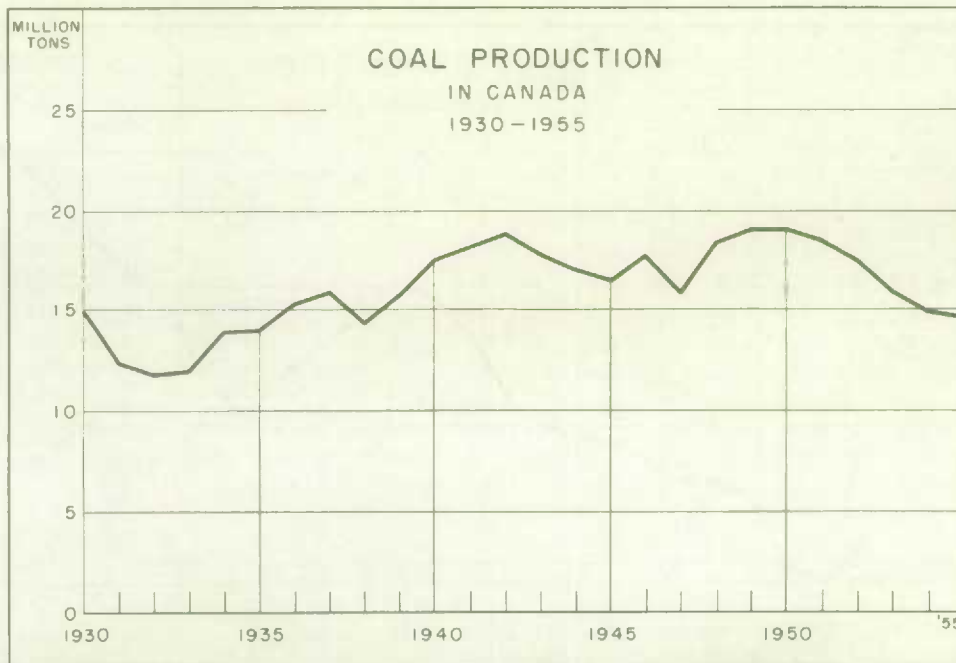


Table 35. Coal Production, by Provinces

Year	Nova Scotia		New Brunswick		Saskatchewan	
	Tons	\$	Tons	\$	Tons	\$
1946	5,452,898	30,253,654	366,735	2,069,992	1,523,786	2,544,923
1947	4,118,196	27,175,251	345,194	2,301,511	1,571,147	2,928,812
1948	6,430,991	47,874,509	522,136	3,734,635	1,589,172	3,020,305
1949	6,181,779	47,997,725	540,806	3,911,871	1,870,487	3,533,930
1950	6,478,405	50,256,367	607,116	4,371,076	2,203,223	4,044,697
1951	6,307,629	49,113,932	653,439	4,822,869	2,223,318	4,361,677
1952	5,905,265	51,227,678	742,823	5,836,736	2,083,465	4,004,308
1953	5,787,026	51,997,545	721,252	5,747,073	2,021,304	3,834,455
1954	5,842,896	51,938,299	781,271	6,187,622	2,116,740	3,961,702
1955	5,709,953	49,549,650	838,910	6,699,010	2,260,828	4,171,399
	Alberta		British Columbia		Yukon	
1946	8,826,239	33,339,579	1,636,792	7,153,330	—	—
1947	8,070,430	36,439,158	1,763,899	8,630,285	—	—
1948	8,123,255	42,217,449	1,780,334	9,811,253	3,801	25,857
1949	8,616,855	44,644,153	1,906,963	10,798,560	3,156	29,382
1950	8,116,220	41,687,211	1,730,445	9,740,088	3,703	40,960
1951	7,659,329	40,981,581	1,739,412	9,698,179	3,696	60,597
1952	7,194,757	39,908,362	1,644,250	9,909,720	8,442	139,345
1953	5,917,474	32,110,429	1,443,006	8,862,637	10,611	169,736
1954	4,859,049	26,382,603	1,299,510	7,927,268	14,113	202,772
1955	4,344,377	23,216,397	1,416,354	8,503,311	8,399	87,444

NATURAL GAS

Table 36.

Year	Production		Year	Production	
	M cu. ft.	\$		M cu. ft.	\$
1946	47,900,484	12,165,050	1951	79,460,667	7,158,920
1947	52,656,567	13,429,558	1952	88,686,465	9,517,638
1948	58,603,269	15,632,507	1953	100,985,923	10,877,017
1949	60,457,177	11,620,302	1954	120,735,214	12,482,109
1950	67,822,230	6,433,041	1955	143,699,000	14,457,075

CRUDE PETROLEUM

Table 37.

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
1946	7,585,555	14,989,052	1951	47,615,534	116,655,238
1947	7,692,492	19,575,682	1952	61,237,322	143,038,212
1948	12,286,660	37,418,895	1953	80,898,897	200,582,276
1949	21,305,348	61,118,490	1954	96,080,345	243,877,030
1950	29,043,788	84,619,937	1955	128,811,000	303,561,100

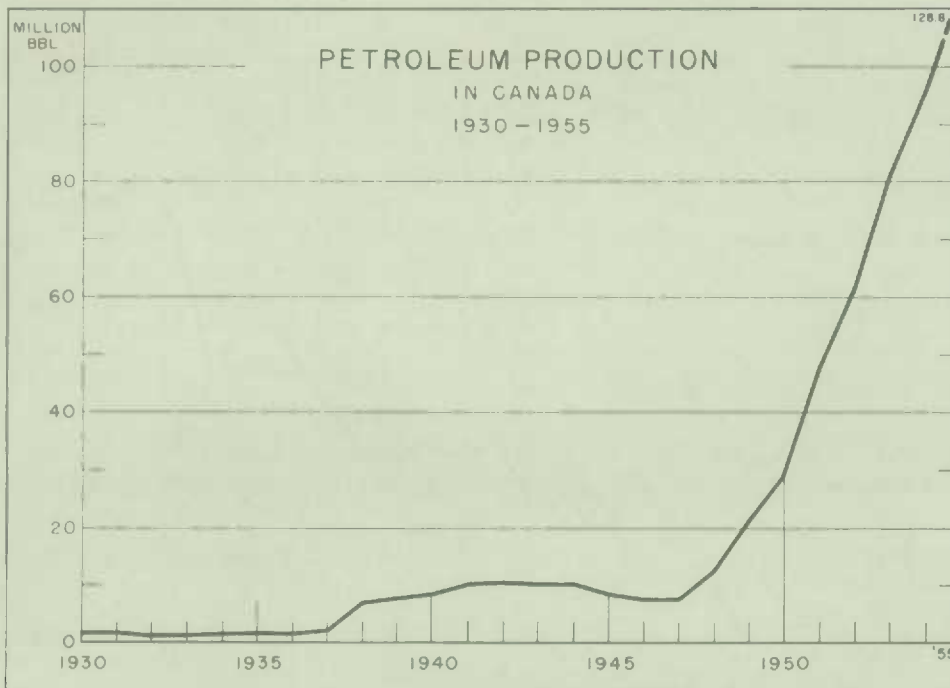
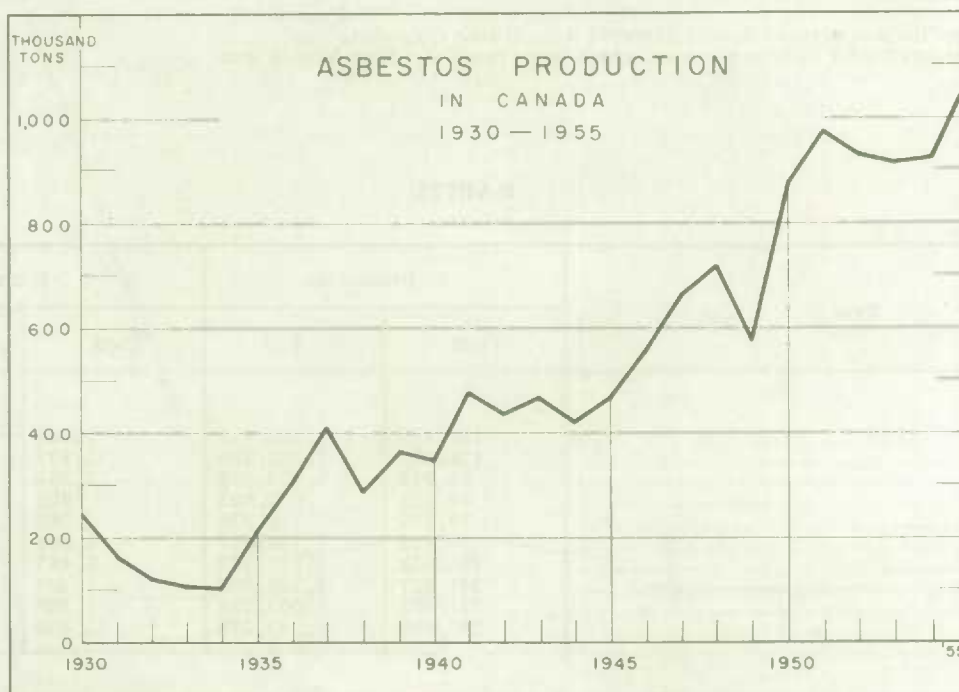


Table 38. Crude Petroleum Production, by Provinces

Year	New Brunswick		Ontario		Manitoba	
	Barrels	\$	Barrels	\$	Barrels	\$
1946	28,584	40,018	123,082	291,719	—	—
1947	23,129	32,381	131,295	350,000	—	—
1948	21,372	29,920	176,989	608,109	—	—
1949	19,544	27,362	260,670	901,143	—	—
1950	17,137	23,992	250,655	892,000	—	—
1951	15,551	21,771	197,171	677,905	10,698	26,478
1952	14,237	19,932	191,814	641,037	104,826	229,299
1953	14,738	20,633	299,685	994,835	653,514	1,714,806
1954	13,046	18,265	412,474	1,391,687	2,148,184	5,619,649
1955	12,500	17,500	523,500	1,710,300	4,214,500	9,905,000
Year	Saskatchewan		Alberta		Northwest Territories	
	Barrels	\$	Barrels	\$	Barrels	\$
1946	118,686	135,990	7,137,921	14,347,933	177,282	173,392
1947	540,117	614,156	6,770,477	18,078,907	227,474	500,238
1948	849,166	976,541	10,888,592	35,127,751	350,541	676,574
1949	782,188	836,941	20,087,418	58,999,836	155,528	353,108
1950	1,041,098	1,134,797	27,548,169	82,216,492	186,729	352,656
1951	1,249,281	1,659,045	45,915,384	113,870,152	227,449	399,887
1952	1,696,505	2,256,352	58,915,723	139,512,432	314,217	379,160
1953	2,797,888	3,833,107	76,816,383	193,761,644	316,689	257,251
1954	5,422,899	8,183,304	87,713,855	228,319,165	369,887	344,960
1955	11,486,500	18,491,500	112,200,000	273,094,800	374,000	342,000

NON-METALLIC MINERALS



ASBESTOS

Table 39.

Year	Production		Exports		
			Crude	Milled fibres	Waste, refuse or shorts
	Tons	\$	Tons	Tons	Tons
1946	558,181	25,240,562	639	215,233	304,312
1947	661,821	33,005,748	953	223,693	412,250
1948	716,769	42,231,475	872	237,077	452,493
1949	574,906	39,746,072	631	181,641	352,718
1950	875,344	65,854,568	845	289,798	539,336
1951	973,198	81,584,345	660	324,594	617,060
1952	929,339	89,254,913	692	339,818	561,548
1953	911,226	86,052,895	638	316,588	561,304
1954	924,116	86,409,212	641	312,844	574,243
1955	1,055,268	98,690,514	586	365,980	635,261

ARSENIOS OXIDE

Table 40.

Year	Production (crude and refined) ¹		Exports (crude and refined) ¹	
	Pounds	\$	Pounds	\$
1946	745,885	38,264	585,900	28,968
1947	787,736	49,348	164,000	8,487
1948	1,161,996	82,909	170,800	6,682
1949	526,645	26,332	12,400	930
1950	794,091	52,029	361,400	17,382
1951	2,353,362 ²	129,435	1,842,200	77,872
1952	1,708,351	76,876	294,800	16,906
1953	1,403,740	56,150	935,300	39,675
1954	1,180,350	48,333	1,422,600	58,871
1955	650,000	29,250	940,600	40,794

1. Does not include arsenic in ores exported from British Columbia.

2. Data for 1951-1954 include some arsenious oxide recovered from foreign ores.

BARITE

Table 41.

Year	Production		Imports	
	Tons	\$	Tons	\$
1946	120,419	1,006,473	1,546	42,904
1947	128,675	1,380,753	1,737	51,060
1948	95,747	1,073,380	1,263	39,613
1949	47,138	557,662	929	32,269
1950	77,177	750,378	2,089	70,095
1951	98,113	1,131,917	1,068	37,471
1952	136,002	1,521,162	1,445	44,488
1953	247,227	2,220,292	1,207	40,143
1954	221,472	2,003,796	1,236	39,264
1955	202,600	2,142,378	1,449	46,017

FELDSPAR

Table 42.

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1946	35,243	384,677	705	13,622	19,239	140,403
1947	36,104	381,360	321	7,947	18,311	120,998
1948	54,851	564,437	207	4,640	31,467	223,945
1949	36,948	428,502	228	4,555	17,570	111,915
1950	35,548	428,401	144	3,702	15,465	112,757
1951	40,749	551,097	194	4,915	19,832	173,821
1952	20,267	330,635	154	3,769	6,360	54,899
1953	21,246	347,164	350	7,085	6,848	64,234
1954	16,096	301,049	398	8,078	1,056	28,206
1955	18,844	370,968	137	3,106	1,426	38,125

FLUORSPAR

Table 43.

Year	Production		Imports	
	Tons	\$	Tons	\$
1946	8,042	237,491	31,813	737,094
1947	7,186	209,886	32,001	702,419
1948	11,340	344,834	48,925	1,105,190
1949	64,477	1,592,908	2,520	81,650
1950	64,213	1,553,004	1,072	66,823
1951	74,211	2,189,875	8,188	239,120
1952	82,187	2,523,408	22,714	684,968
1953	88,569	2,670,585	20,161	546,915
1954	118,969	2,987,026	16,240	382,935
1955	131,728	3,063,876	21,774	518,002

GRAPHITE

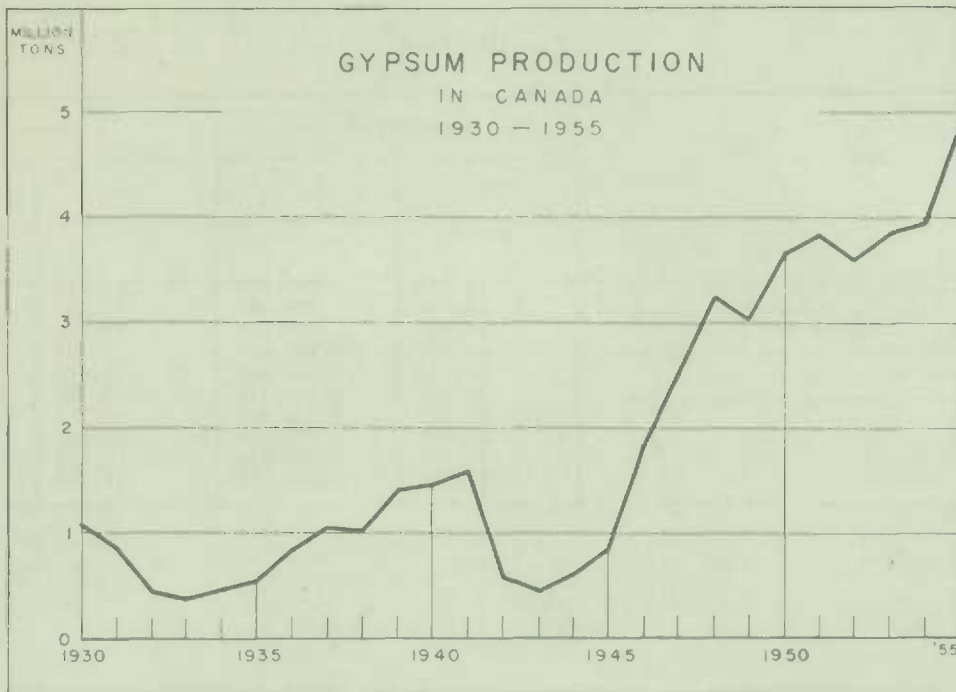
Table 44.

Year	Production		Imports			Exports
	Tons	\$	Plumbago not ground or otherwise manufactured	Crucibles, plumbago	Plumbago ground and manufactures of, n.o.p.	\$
1946	1,975	180,405	98,847	142,053	360,777	142,974
1947	2,398	207,364	69,348	135,894	385,857	156,748
1948	2,539	239,931	81,899	116,999	333,679	191,398
1949	2,147	212,496	83,301	128,696	293,267	166,234
1950	3,586	390,815	71,440	164,142	330,442	313,457
1951	1,569	231,167	96,725	215,297	476,511	156,536
1952	2,040	255,732	97,658	213,429	434,650	191,563
1953	3,466	366,528	125,740	217,066	481,982	320,688
1954	2,463	254,534	54,385	156,516	548,824	199,612
1955	—	—	64,798	202,864	561,394	761

GYPSUM

Table 45.

Year	Production		Exports of crude gypsum	
	Tons	\$	Tons	\$
1946	1,810,937	3,671,503	1,488,710	1,598,661
1947	2,496,984	4,734,853	1,936,990	2,043,055
1948	3,216,809	5,548,245	2,617,271	2,702,870
1949	3,014,249	5,423,690	2,544,617	2,636,871
1950	3,666,336	6,707,506	2,969,974	3,061,442
1951	3,902,692	5,880,853	3,028,336	3,128,263
1952	3,590,783	6,538,074	2,763,492	2,847,463
1953	3,841,457	7,397,884	2,769,990	3,794,083
1954	3,950,422	7,094,871	2,830,945	4,204,603
1955	4,798,200	8,455,173	3,039,192	4,930,626



IRON OXIDES

Table 46.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1946	12,695	152,268	1951	13,342	262,277
1947	13,418	258,322	1952	11,487	194,922
1948	13,181	203,391	1953	10,308	195,801
1949	13,625	207,887	1954	5,798	183,507
1950	13,696	262,632	1955	7,467	144,369

MAGNESITIC-DOLOMITE AND BRUCITE

Table 47.

Year	Production, magnesitic-dolomite and brucite	Imports of dead-burned, sintered and calcined magnesite		Exports of dead-burned refractories	
	\$	Tons	\$	Tons	\$
1946	1, 225, 593	4, 961	385, 573	2, 502	102, 602
1947	1, 238, 948 ¹	9, 339	662, 750	4, 867	81, 686
1948	1, 724, 489 ¹	7, 713	572, 074	4, 357	203, 671
1949	1, 536, 200	4, 683	382, 559	2, 037	87, 859
1950	1, 717, 879	5, 987	567, 896	2, 602	122, 432
1951	2, 437, 773 ¹	6, 520	430, 607	4, 902	254, 049
1952	2, 715, 266 ¹	10, 278	518, 159	2, 960	167, 717
1953	3, 056, 392 ¹	6, 801	398, 319	4, 601	305, 695
1954	4, 394, 280 ¹	6, 116	405, 900	7, 887	537, 542
1955	3, 859, 280	13, 937	854, 152	3, 255	195, 771

1. Includes some magnesium metal.

MICA

Table 48.

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1946	8, 720, 669	199, 039	1951	4, 961, 508	447, 650
1947	8, 318, 755	200, 903	1952	2, 014, 941	194, 106
1948	7, 902, 303	219, 948	1953	2, 265, 128	161, 128
1949	3, 490, 556	108, 458	1954	1, 706, 770	85, 139
1950	3, 879, 209	252, 611	1955	1, 186, 235	75, 004

MINERAL WATERS

Table 49.

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
1946	217, 842	122, 404	1951	325, 300	146, 971
1947	198, 952	117, 440	1952	311, 495	166, 033
1948	192, 539	110, 259	1953	309, 585	165, 484
1949	306, 691	146, 240	1954	284, 078	148, 057
1950	318, 829	158, 897	1955	282, 000	148, 750

NEPHELINE SYENITE

Table 50.

Year	Production		Exports	
	Tons	\$	Tons	\$
1946	61,261	229,198	51,839	168,895
1947	66,995	341,635	52,198	188,352
1948	74,386	506,462	61,107	327,518
1949	78,783	623,002	57,291	386,954
1950	65,638	842,886	54,351	619,202
1951	81,108	1,114,943	59,777	857,236
1952	82,681	1,111,950	56,323	802,376
1953	113,345	1,576,271	76,375	1,120,781
1954	123,669	1,770,528	83,952	1,269,098
1955	137,000	1,969,000	118,275	1,753,117

PEAT MOSS

Table 51.

Year	Production		Exports	
	Tons	\$	Tons	\$
1946	96,839	2,395,649	81,940	2,892,563
1947	80,019	2,279,821	72,918	2,634,003
1948	89,800	2,767,878	77,924	2,946,923
1949	80,249	2,376,849	68,390	2,554,388
1950	75,195	2,256,870	65,962	2,718,257
1951	76,809	2,433,008	71,874	3,073,002
1952	74,899	2,443,765	68,276	3,127,593
1953	81,654	2,643,019	73,509	3,289,755
1954	99,272	3,018,622	87,333	4,499,952
1955	126,100	3,322,907	102,997	5,388,362

PHOSPHATE ROCK

Table 52.

Year	Production		Imports	
	Tons	\$	Tons	\$
1946	57	869	373,677	2,164,841
1947	—	—	485,391	2,857,522
1948	—	—	482,008	2,911,168
1949	20	291	620,808	3,879,523
1950	129	1,069	491,026	3,296,341
1951	6	94	499,710	3,178,899
1952	—	—	470,413	3,130,306
1953	—	—	576,500	3,951,318
1954	—	—	644,860	4,577,633
1955	—	—	588,209	4,512,833

QUARTZ

Table 53.

Year	Production of quartz, quartzite, etc.		Exports of quartzite	
	Tons	\$	Tons	\$
1946	1,413,378	1,554,798	200,316	441,976
1947	1,836,428	1,796,612	223,240	489,129
1943	2,017,262	2,082,573	228,100	494,284
1949	1,722,476	1,588,531	144,302	326,091
1950	1,730,695	1,740,268	195,430	540,940
1951	1,904,885	2,258,468	281,379	838,227
1952	1,783,081	2,253,500	193,955	642,351
1953	1,785,574	2,070,617	200,169	674,777
1954	1,716,151	1,574,893	162,474	547,821
1955	1,858,879	2,006,744	87,622	265,374

Table 54.

Year	Imports, ganister		Imports of silex or crystallized quartz, ground or unground		Imports of flint and ground flint stones		Imports, silica sand	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1946	518	3,367	10,690	114,450	823	34,449	390,014	914,456
1947	400	3,211	15,004	164,826	335	12,739	533,456	1,148,397
1948	230	1,312	17,474	168,827	739	25,749	584,019	1,446,624
1949	176	1,831	22,966	238,604	602	15,901	511,116	1,362,439
1950	128	1,517	24,757	407,883	939	31,081	573,362	1,564,948
1951	144	2,091	30,398	2,869,578	1,231	36,705	692,937	1,991,033
1952	261	3,512	26,174	1,980,964	481	15,653	642,880	1,772,177
1953	286	4,303	30,534	1,733,477	1,106	14,358	703,221	1,928,438
1954	590	6,350	28,412	275,205	1,219	30,996	655,863	1,883,998
1955	456	8,163	24,517	252,237	803	25,549	735,458	2,146,088

SALT

Table 55.

Year	Production					
	Commercial salt		Salt for chemicals ¹		TOTAL	
	Tons	\$	Tons	\$	Tons	\$
1946	290,074	3,232,128	247,911	394,037	537,985	3,626,165
1947	327,054	3,791,083	401,491	645,847	728,545	4,436,930
1943	370,560	4,293,030	370,697	542,998	741,261	4,836,028
1949	369,317	5,017,057	379,698	549,668	749,015	5,566,725
1950	400,862	5,706,592	458,034	1,304,714	858,896	7,011,306
1951					964,525	7,905,977
1952					971,903	7,774,815
1953					954,928	6,974,501
1954					969,887	8,340,163
1955					1,274,011	10,286,210

1. Dry salt and salt in brine used by producers for manufacture of chemicals.

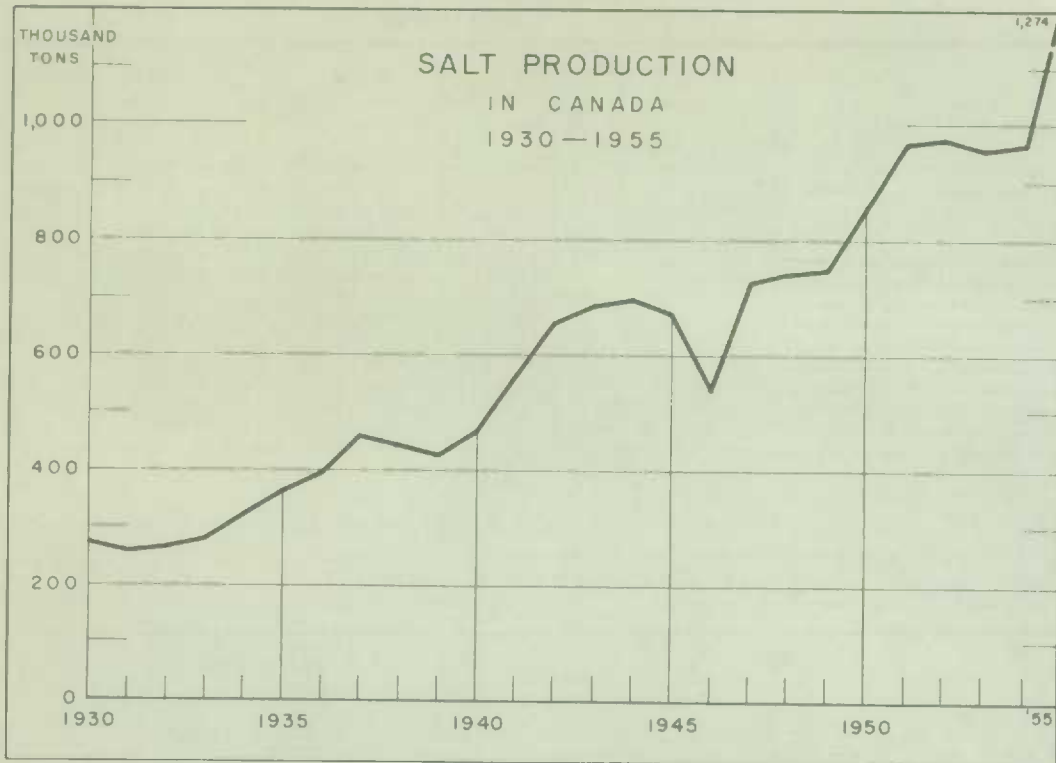


Table 56.

Year	Imports of salt						Total exports of salt	
	For use of the sea or gulf fisheries		In bulk, n.o.p.		In bags, barrels, etc., n.o.p.			
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1946	49,858	316,648	136,092	627,932	40,822	361,295	5,864	116,483
1947	51,142	348,294	147,393	709,847	21,303	187,767	11,212	243,663
1948	29,312	179,805	138,527	688,116	18,232	210,909	5,630	127,104
1949	83,254	548,032	137,185	779,034	16,249	240,806	3,472	63,015
1950	57,580	395,787	157,753	961,034	22,906	377,438	4,200	52,974
1951	59,080	434,381	181,067	1,155,964	18,656	362,933	4,561	62,847
1952	69,549	400,669	183,641	1,082,334	34,902	573,809	2,844	44,631
1953	60,121	369,042	210,826	1,115,000	36,362	531,025	2,354	32,499
1954	58,745	315,581	270,802	1,308,995	40,841	519,134	1,199	25,935
1955	49,621	299,622	279,578	1,127,418	36,017	437,133	146,472	1,000,501

SODIUM CARBONATE (Natural)

Table 57.

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	\$	Tons	\$
1946	—	—	5,346	182,614
1947	163	1,793	4,390	184,398
1948	—	—	31,326	947,889
1949	47	513	5,437	206,206
1950	—	—	23,597	625,557
1951	—	—	60,093	1,577,142
1952	—	—	35,680	900,968
1953	—	—	110,704	3,146,748
1954	—	—	93,833	2,516,720
1955	—	—	118,900	3,308,412

SODIUM SULPHATE (Natural)

Table 58.

Year	Production of natural sodium sulphate		Imports			
	Tons	\$	Salt cake		Glauber's salt	
			Tons	\$	Tons	\$
1946	105,919	1,117,683	20,881	244,617	1,258	33,136
1947	163,290	1,793,043	9,829	172,531	1,383	41,125
1948	153,698	2,136,276	12,394	240,228	1,472	52,212
1949	120,259	1,614,731	4,294	65,722	1,991	59,959
1950	130,730	1,615,867	15,705	201,260	2,256	62,996
1951	192,371	2,383,770	19,432	340,740	3,234	102,930
1952	122,590	1,708,807	19,576	313,739	4,577	122,294
1953	115,565	1,681,258	32,802	516,863	5,493	150,263
1954	158,417	2,385,573	30,235	482,652	5,134	144,979
1955	170,801	2,759,034	29,928	574,440	3,888	131,447

SULPHUR

Table 59.

Year	Production of sulphur in pyrites and in smelter gases		Elemental sulphur from natural gas sales	Imports of sulphur		Exports of sulphur in pyrites	
	Tons	\$	Tons	Tons	\$	Tons	\$
1946	234,771	1,784,666	—	273,502	4,271,081	68,045	286,254
1947	221,781	1,822,867	—	361,424	5,466,201	56,336	281,880
1948	229,463	1,836,353	—	354,622	5,528,740	50,243	195,710
1949	261,871	2,039,384	—	280,557	5,213,921	90,553	382,476
1950	301,172	2,189,660	—	390,333	7,730,126	111,652	473,046
1951	371,790	3,120,785	—	395,928	8,959,677	178,039	1,177,151
1952	423,788	3,851,183	4,225	415,185	8,376,824	197,897	1,643,180
1953	358,850	3,172,698	16,072	359,105	8,526,804	129,608	1,034,228
1954	532,406	4,875,969	18,665	310,127	7,816,301	188,608	1,566,571
1955	628,261	5,560,800	25,976	373,373	9,386,983	...	2,001,575

Table 60.

TALC AND SOAPSTONE

Year	Production				Imports of talc and soapstone		Exports of talc	
	Talc		Soapstone ¹		Tons	\$	Tons	\$
	Tons	\$	Tons	\$				
1946	14,439	153,680	14,914	150,004	6,736	150,972	6,402	74,991
1947	13,430	142,910	13,279	123,467	8,472	196,697	5,807	68,394
1948	14,301	164,462	14,479	145,361	7,798	213,438	5,052	63,474
1949	13,600	160,757	13,322	160,036	7,264	228,408	4,222	54,515
1950	15,263	182,048	17,209	181,263	8,974	288,020	4,467	57,621
1951	13,698	160,540	11,148	123,084	9,283	306,277	3,743	48,857
1952	12,454	149,711	12,578	130,901	8,749	276,496	3,435	44,925
1953	13,310	125,209	14,098	160,546	11,867	372,628	2,937	38,193
1954	13,697	169,651	14,446	165,702	12,392	397,985	3,609	48,753
1955	14,500	192,000	13,600	142,100	11,382	378,027	4,428	64,974

1. Includes some low-grade talc.

Table 61.

TITANIUM DIOXIDE IN SLAG

Year	Production	
	Tons	\$
1950	1,596	149,565
1951	14,123	738,577
1952	30,805	1,238,103
1953	100,527	4,206,496
1954	88,408	3,841,270
1955	114,800	5,091,000

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

Table 62.

CLAY PRODUCTS

Year	Production	Year	Production
	\$		\$
1946	12,207,367	1951	23,527,656
1947	14,486,189	1952	24,961,528
1948	17,629,048	1953	29,777,731
1949	17,981,709	1954	32,360,098
1950	21,790,888	1955	34,676,067

CEMENT

Table 63.

Year	Producers' shipments		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
1946	11,560,483	20,122,503	350,057	1,098,532	114,370	236,276
1947	11,936,245	21,968,909	1,248,625	3,843,652	88,030	198,354
1948	14,127,123	28,264,987	1,120,671	3,995,173	73,000	200,575
1949	15,916,564	32,901,936	2,284,000	6,877,939	19,212	51,733
1950	16,741,826	35,894,124	1,386,216	3,788,981	23,910	111,351
1951	17,007,812	40,446,288	2,327,431	7,447,859	2,590	12,386
1952	18,520,538	48,059,470	2,913,981	9,068,181	4,306	20,686
1953	22,238,335	58,842,022	2,482,783	7,403,158	14,728	77,559
1954	22,437,477	59,035,644	2,292,200	6,316,890	123,702	496,058
1955	25,860,103	64,363,165	2,959,370	8,443,415	965,184	3,139,498

Table 64.

Producers' Shipments of Cement by Provinces

Year	Newfoundland		New Brunswick		Quebec		Ontario	
	Barrels	\$	Barrels	\$	Barrels	\$	Barrels	\$
1946	—	—	—	—	5,046,166	7,010,548	3,677,695	6,025,503
1947	—	—	—	—	5,453,407	9,351,477	3,529,438	6,219,993
1948	—	—	—	—	6,517,031	12,306,243	3,660,756	7,076,317
1949	—	—	—	—	6,901,192	13,722,635	4,599,322	9,155,613
1950	—	—	—	—	6,920,413	14,523,855	5,313,521	10,953,896
1951	—	—	—	—	7,055,164	16,633,377	5,438,101	12,494,677
1952	126,100	529,750	604,123	1,543,639	7,272,241	18,838,458	5,577,025	14,142,060
1953	395,834	1,345,073	823,900	2,104,469	7,400,912	19,232,112	7,078,181	18,497,744
1954	403,515	1,330,018	854,808	2,181,854	7,541,373	19,108,680	7,208,061	18,958,173
1955	468,600	1,499,800	928,555	2,349,244	9,659,792	21,230,965	7,762,037	20,309,648
	Manitoba		Alberta		British Columbia		Canada	
1946	1,254,946	2,811,264	809,721	1,635,222	771,955	1,739,966	11,560,482	20,122,503
1947	1,352,109	3,009,157	737,551	1,491,510	863,740	1,896,772	11,936,245	21,968,909
1948	1,697,042	3,919,145	1,224,313	2,521,978	1,027,981	2,441,304	14,127,123	28,264,987
1949	1,502,308	3,538,122	1,659,503	3,456,141	1,254,239	3,029,425	15,916,564	32,901,936
1950	1,642,312	3,963,464	1,589,713	3,364,613	1,275,867	3,088,296	16,741,826	35,894,124
1951	1,539,612	4,108,752	1,649,909	3,898,043	1,325,026	3,311,439	17,007,812	40,446,288
1952	1,612,795	4,636,604	1,886,544	4,765,686	1,441,710	3,603,273	18,520,538	48,059,470
1953	1,614,301	4,676,137	3,098,664	7,915,227	1,826,543	5,071,260	22,238,335	58,842,022
1954	1,633,389	4,760,539	3,052,805	7,761,082	1,743,526	4,935,298	22,437,477	59,035,644
1955	2,197,244	6,196,228	2,920,962	7,302,405	1,922,913	5,474,875	25,860,103	64,363,165

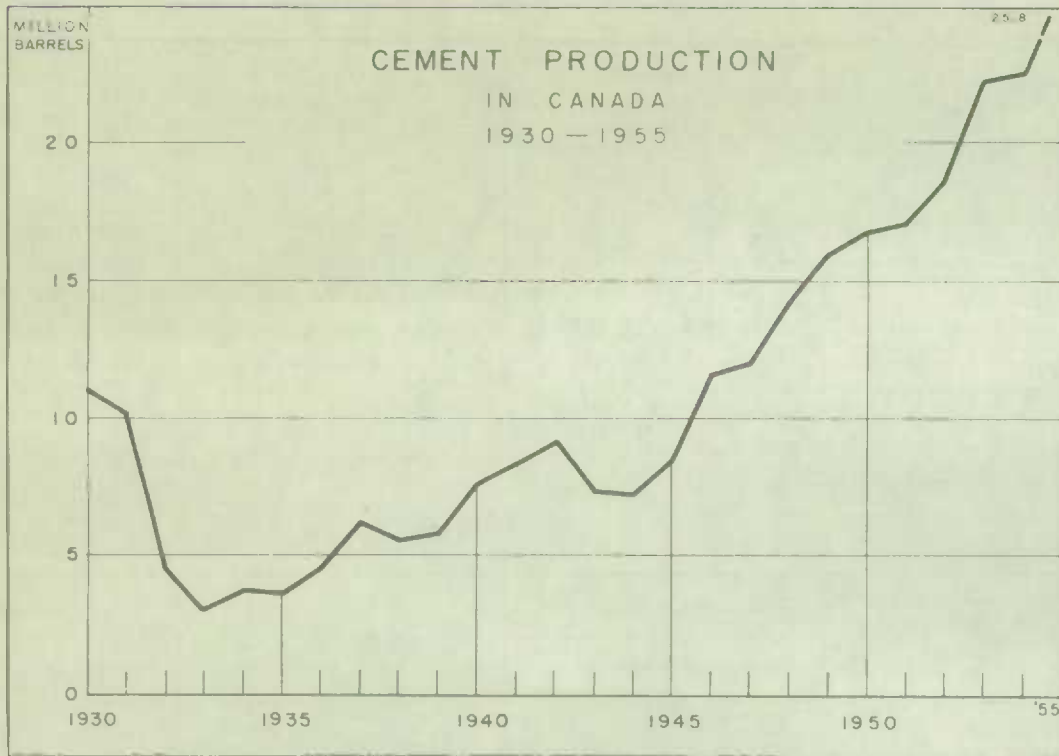


Table 65.

LIME

Year	Production					
	Quicklime		Hydrated lime		Total	
	Tons	\$	Tons	\$	Tons	\$
1946	684,674	5,778,243	156,125	1,296,697	840,799	7,074,940
1947	801,886	7,021,199	175,527	1,521,308	977,413	8,542,507
1948	850,043	8,709,834	203,541	1,945,228	1,053,584	10,655,062
1949	798,187	8,971,040	220,636	2,338,780	1,018,823	11,309,820
1950	885,219	9,748,936	238,969	2,532,148	1,124,188	12,281,084
1951	982,689	11,387,428	258,352	2,695,092	1,241,041	14,082,520
1952	912,143	10,677,367	263,643	2,935,854	1,175,786	13,613,221
1953	923,133	11,300,914	305,627	3,183,099	1,228,780	14,484,013
1954	894,109	11,262,114	320,730	3,480,035	1,214,839	14,742,149
1955		Not available			1,303,499	15,190,328

SAND AND GRAVEL

Table 66.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1946.....	39,949,994	15,529,700	1951.....	92,972,821	44,627,559
1947.....	56,789,569	23,114,431	1952.....	102,895,545	51,339,043
1948.....	68,670,863	30,629,596	1953.....	101,033,949	53,485,401
1949.....	63,356,308	31,181,541	1954.....	110,961,034	58,987,671
1950.....	73,095,163	36,434,759	1955.....	123,655,944	65,754,176

STONE

Table 67.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1946.....	8,056,260	11,185,711	1951.....	18,676,706	28,649,768
1947.....	10,889,388	16,464,749	1952.....	18,726,196	30,835,356
1948.....	11,696,643	17,948,553	1953.....	19,849,017	30,613,051
1949.....	13,928,039	20,528,073	1954.....	32,767,925	39,857,134
1950.....	18,087,064	25,895,357	1955.....	26,534,209	37,629,720



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