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CANADA



PRELIMINARY REPORT ON
MINERAL PRODUCTION
1954

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Mineral Statistics Section

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PRELIMINARY REPORT ON MINERAL STATISTICS

1954

New records were established by the mineral industry in Canada during 1954 when the value of production reached \$1,444,000,000 according to a preliminary estimate prepared by the Dominion Bureau of Statistics at Ottawa. There was a gain of nearly \$108 millions or 8.0 per cent over the \$1,336 millions of the preceding year. The total value in 1954 was treble that of 1944. All of the provinces showed greater mineral values than in 1953. Each of the classifications, metals, non-metallics, fuels, and structural materials, reached new highs in total values. Crude petroleum increased by \$45 millions, copper was up \$23 millions and nickel increased nearly \$20 millions. The darker side of the picture showed a decline of \$7 millions for each of coal and zinc.

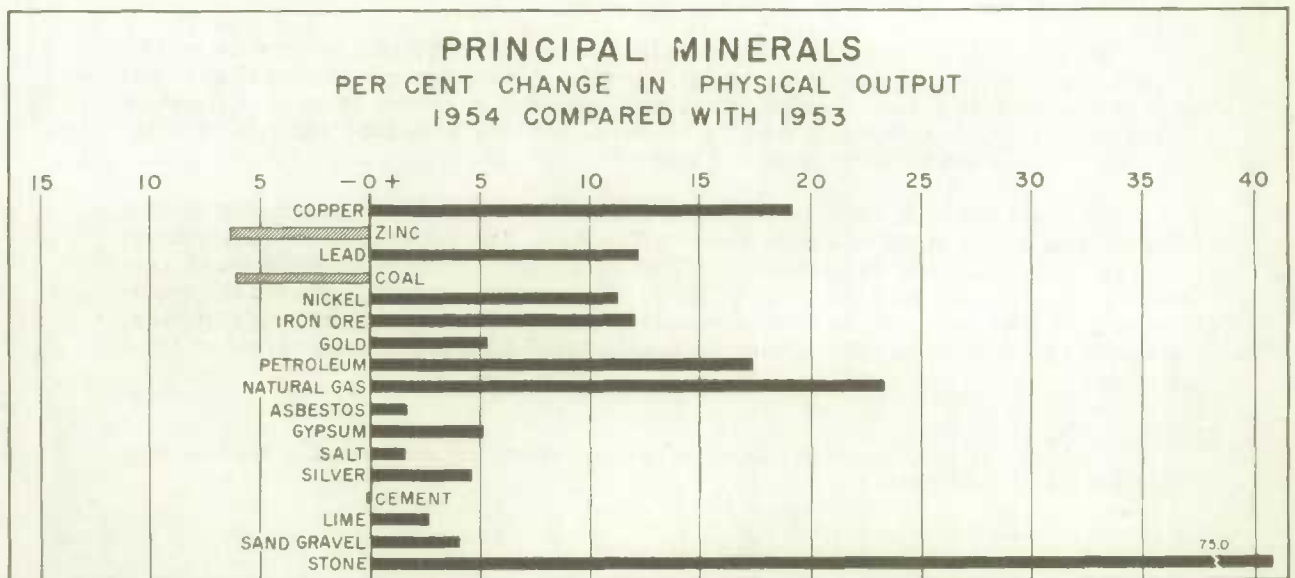
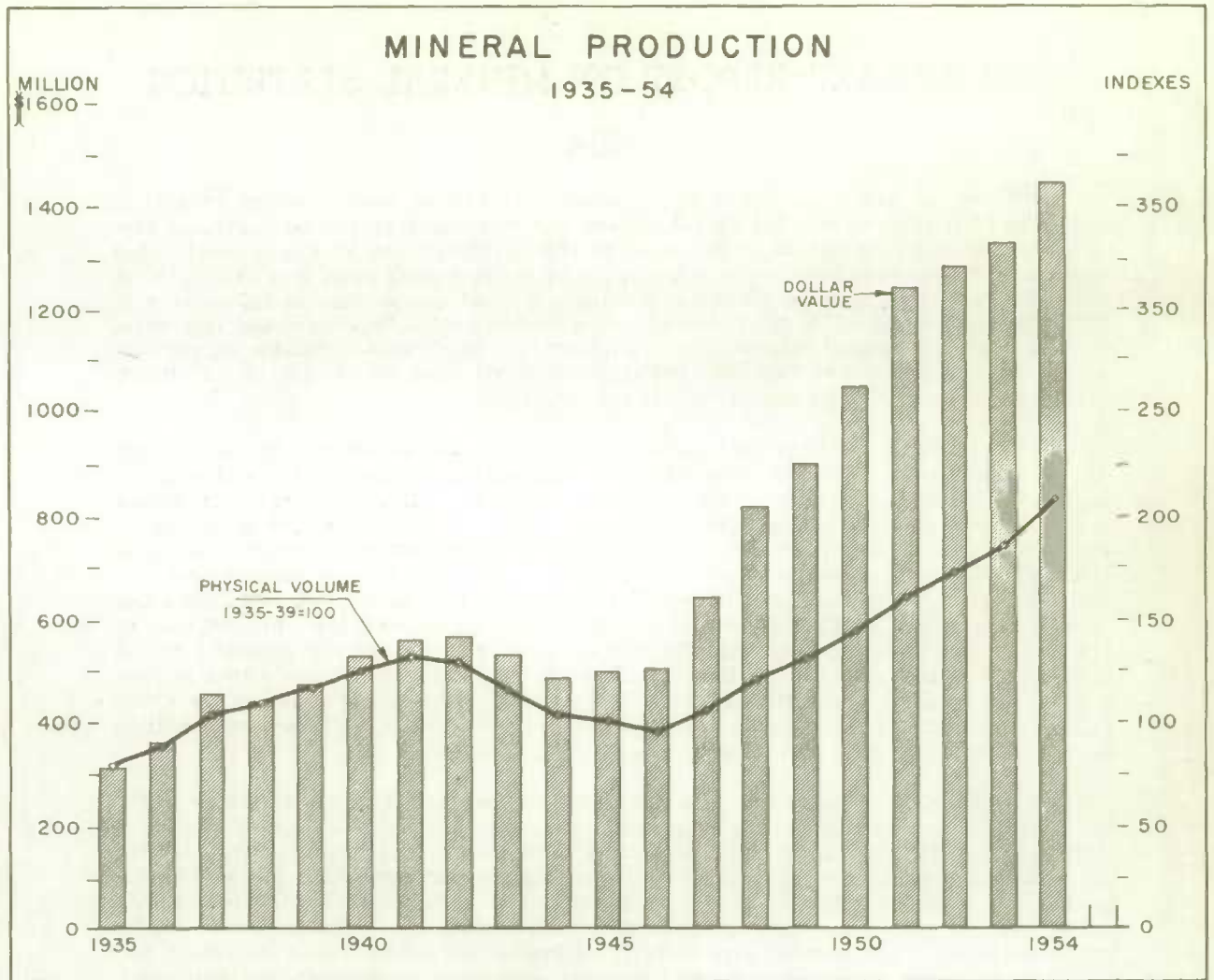
Metals produced in 1954 were valued at \$763 millions, an increase of 7.6 per cent over \$709 millions in 1953. Gold production of 4,280,000 ounces valued at \$145.8 millions was higher, although the price per ounce was less, than in 1953. The settlement of strikes in the earlier part of the year permitted the mines to resume production. The production of nearly 300,000 tons of copper was encouraged by the demand which maintained the price at a fairly high level. Nickel production of 160,000 tons valued at \$180 millions was 11.5 per cent higher in tonnage. Lead increased from 194,000 tons to 221,000 tons, the latter quantity was valued at \$59 millions. The volume of zinc declined from 402,000 tons to 374,000 tons and decreased in value to \$89 millions. Iron ore shipped amounted to 7.3 million tons, a new high in Canadian output. Shipments from the new iron mines in New Quebec and Labrador counterbalanced the lessened exports to steel plants in the Great Lakes area. Silver, a by-product of many non-ferrous metal mines, increased by 3 million ounces. Platinum group metals value amounted to \$20 millions.

Mineral fuels were valued at \$354.7 millions, an increase of nearly 13 per cent over the \$314.2 millions in 1953. Crude petroleum continued to lead all other minerals in value of production. The output was over 95 million barrels valued at \$246 millions. Alberta increased the production by 11 million barrels, but the greatest percentage gain was shown by Manitoba with an output of 2 million barrels which was treble the previous year's production. The natural gas volume was up 20 billion cubic feet to 122.8 million M. cu. ft. The conversion of coal-burning equipment by railroads and industry have adversely affected the coal mining industry. In 1954 the coal output was 14,825,000 tons which was down a million tons from the preceding year. Coal production has declined 22.5 per cent from the high of 19.1 million tons in 1950.

The value of other non-metallic minerals was \$126.6 millions. The greater portion of this was derived from the sales of 926,900 tons of asbestos valued at \$83 millions. Salt and sulphur increased in total value, and there was a greater tonnage of fluorspar and sodium sulphate shipped. Shipments of barite, gypsum, soapstone and talc were approximately the same as in the preceding year.

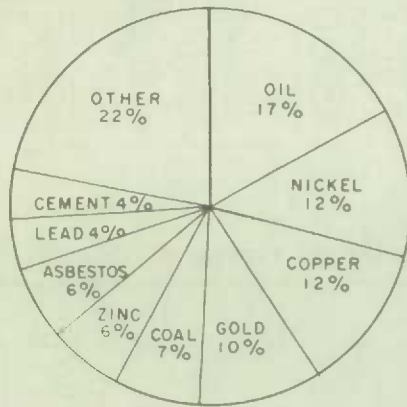
Structural materials approximated \$200 millions in value. Cement shipments of 22.5 million barrels was 300,000 barrels more than in 1953. The value of brick, tile, pottery, etc., was \$31.5 millions, an increase of 5.7 per cent. Sand and gravel used for roads, concrete, aggregate, etc., totalled \$56.9 millions. The tonnage of stone increased disproportionately in 1954 due to the large volume used in the construction of the Canso causeway. Stone used for buildings, ballast, concrete aggregate, highways, etc., was valued at \$37.2 millions.

NOTE: All 1954 figures in this report are preliminary and are subject to revision upon receipt of more complete data.

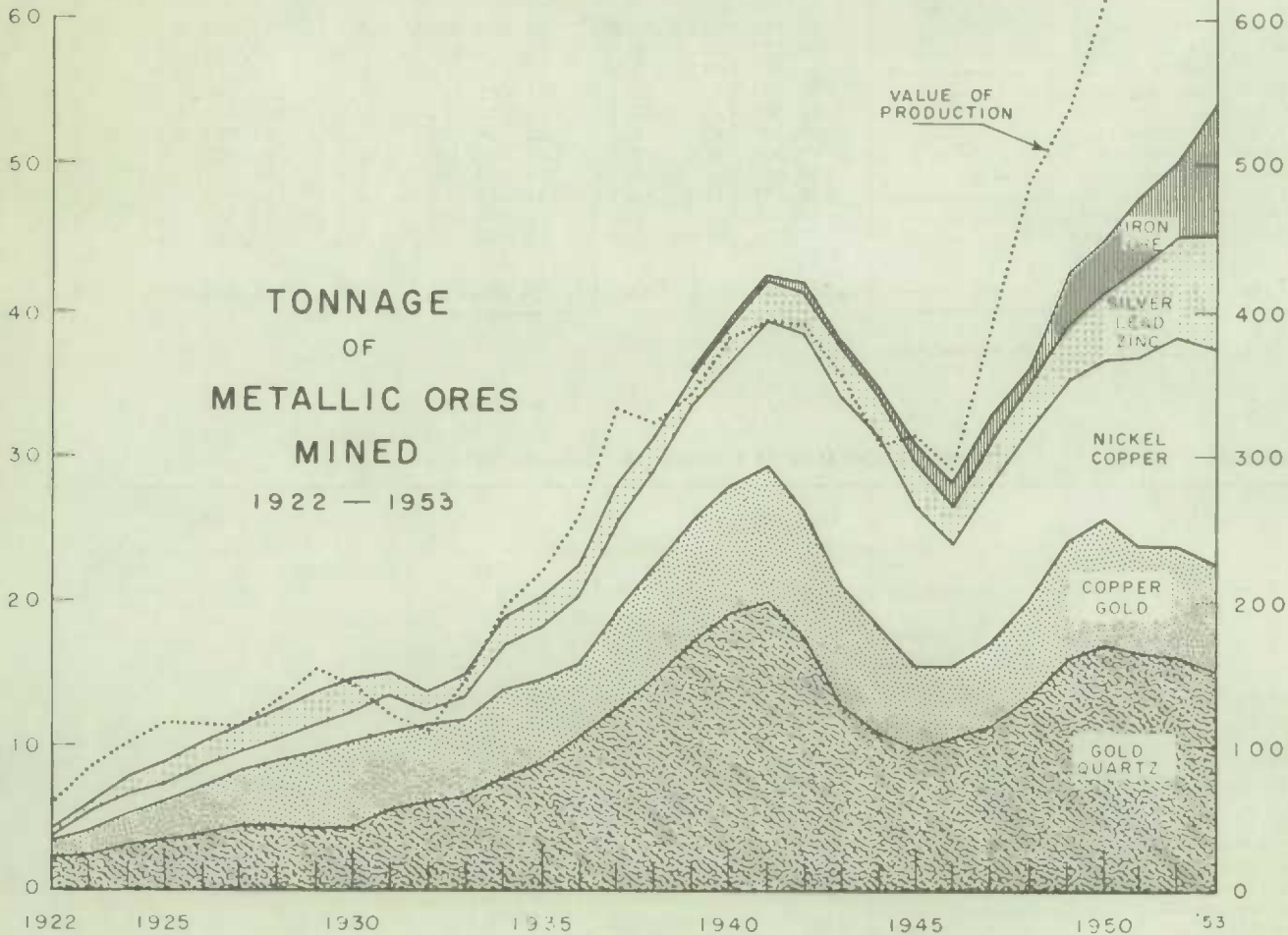


MINERAL PRODUCTION, 1954

1,444 MILLION DOLLARS



MILLION TONS



MILLION



900

800

700

600

500

400

300

200

100

0

1922 1925 1930 1935 1940 1945 1950 '53

Table 1. Value of Mineral Production of Canada, by Classes, 1945-1954

Year	Metallics	Mineral fuels	Other non-metallics	Clay products and other structural materials	Total
	dollars				
1945	316,962,810	93,531,276	39,841,422	48,419,673	498,755,181
1946	290,386,425	102,516,888	43,792,717	66,120,221	502,816,251
1947	395,069,530	110,481,207	54,742,453	84,576,785	644,869,975
1948	488,151,055	159,736,260	67,234,304	105,127,246	820,248,865
1949	538,967,258	183,654,473	64,585,216	113,903,079	901,110,026
1950	617,238,340	201,193,957	94,721,564	132,296,212	1,045,450,073
1951	745,588,728	232,854,093	115,706,983	151,333,791	1,245,483,595
1952	727,904,366	263,582,319	125,047,050	168,808,618	1,285,342,353
1953	708,880,758	314,181,168	126,039,359	187,202,218	1,336,303,503
1954	763,428,741	354,756,700	126,625,426	199,385,593	1,444,196,460

Table 2. Mineral Production of Canada, by Provinces, 1952-1954

Province	1952		1953		1954	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland	32,512,313	2.5	33,780,622	2.5	44,868,679	3.1
Nova Scotia	64,552,383	5.0	67,364,408	5.0	75,121,224	5.2
New Brunswick	11,298,960	0.9	11,663,618	0.9	12,514,857	0.9
Quebec	270,483,962	21.0	251,881,781	18.8	272,140,830	18.9
Ontario	444,669,412	34.6	465,877,093	34.9	484,992,796	33.6
Manitoba	25,105,045	2.0	25,264,112	1.9	34,952,541	2.4
Saskatchewan	49,506,094	3.9	48,081,970	3.6	56,977,794	3.9
Alberta	196,811,654	15.3	248,863,295	18.6	281,461,638	19.5
British Columbia	170,071,244	13.2	158,487,812	11.9	154,309,212	10.7
Northwest Territories ¹	8,944,835	0.7	10,300,230	0.8	10,548,781	0.7
Yukon	11,386,451	0.9	14,738,562	1.1	16,308,108	1.1
Total	1,285,342,353	100.0	1,336,303,503	100.0	1,444,196,460	100.0

1. Excluding pitchblende products.

Table 3. Mineral Production of Canada, by Kinds, 1953 and 1954

	Unit of measure	1953		1954	
		Quantity	Value	Quantity	Value
Metallics			\$		\$
Antimony	lb.	1,488,105	291,862	1,201,000	321,150
Bismuth	lb.	117,366	209,557	272,700	583,174
Cadmium	lb.	1,118,285	2,236,570	1,027,221	1,746,276
Cobalt	lb.	1,602,545	4,013,077	2,181,900	5,593,200
Copper	lb.	506,504,074	150,953,742	599,851,280	174,139,274
Gold	fine oz.	4,055,723	139,597,985	4,279,852	145,814,558
Indium	fine oz.	6,752	9,588	—	—
Iron ore	ton	6,509,818	44,102,944	7,280,256	46,758,382
Iron ingots	ton	107,370	4,064,039	90,885	2,939,144
Lead	lb.	387,411,588	50,076,822	442,542,820	58,990,957
Magnesium and calcium .....	...	...	5,295,840	...	4,576,024
Molybdenite (M ₃ S ₂)	lb.	323,907	215,527	875,000	534,000
Nickel	lb.	287,385,777	160,430,098	319,983,340	180,196,300

Table 3. Mineral Production of Canada, by Kinds, 1953 and 1954 - Concluded

	Unit of measure	1953		1954	
		Quantity	Value	Quantity	Value
			\$		\$
Metallic - Concluded					
Palladium, iridium, etc.....	fine oz.	166, 018	7, 495, 409	176, 528	7, 494, 809
Platinum.....	fine oz.	137, 545	12, 550, 981	149, 145	12, 505, 758
Selenium.....	lb.	262, 346	1, 101, 854	368, 800	1, 844, 000
Silver.....	fine oz.	28, 299, 335	23, 774, 271	31, 541, 757	26, 261, 667
Tellurium.....	lb.	4, 694	8, 215	7, 200	12, 600
Tin.....	lb.	1, 092, 228	581, 746	390, 000	226, 200
Titanium ore.....	ton	9, 294	80, 085	7, 500	17, 312
Tungsten (WO ₃).....	lb.	2, 446, 028	5, 689, 160	2, 000, 732	3, 596, 387
Zinc.....	lb.	803, 523, 295	96, 101, 386	747, 718, 334	89, 277, 569
Total metallics.....	...	...	708, 880, 758	...	763, 428, 741
Non-metallics Fuels					
Coal.....	ton	15, 900, 673	102, 721, 875	14, 825, 000	96, 078, 000
Natural gas.....	M cu. ft.	100, 985, 923	10, 877, 017	122, 854, 500	12, 683, 200
Peat.....	ton	—	—	—	—
Petroleum, crude.....	bbl.	80, 898, 897	200, 582, 276	95, 480, 100	245, 995, 500
Total fuels.....	...	...	314, 181, 168	...	354, 756, 700
Other Non-metallics					
Arsenious oxide.....	lb.	1, 403, 740	56, 150	443, 900	18, 800
Asbestos.....	ton	911, 226	86, 052, 895	926, 883	83, 079, 931
Barite.....	ton	247, 227	2, 220, 292	222, 519	2, 160, 469
Diatomite.....	ton	103	12, 150	104	12, 168
Feldspar.....	ton	21, 246	347, 164	15, 439	307, 741
Fluorspar.....	ton	88, 569	2, 670, 585	120, 078	3, 011, 938
Graphite.....	ton	3, 466	366, 528	1, 626	165, 000
Grindstones.....	ton	15	900	15	2, 100
Gypsum.....	ton	3, 841, 457	7, 399, 884	3, 957, 268	7, 054, 036
Iron oxides.....	ton	10, 308	195, 801	5, 799	181, 073
Magnesitic-dolomite and brucite ¹.....	...	...	3, 056, 392	...	4, 008, 678
Mica.....	lb.	2, 265, 128	161, 128	1, 503, 229	90, 479
Mineral waters.....	gal.	309, 585	165, 484	310, 000	165, 150
Nepheline syenite.....	ton	113, 345	1, 576, 271	120, 484	1, 740, 000
Peat moss.....	ton	81, 654	2, 643, 019	87, 257	2, 986, 961
Perlite.....	ton	1, 112	11, 120	—	—
Quartz.....	ton	1, 785, 574	2, 070, 617	1, 742, 951	1, 589, 254
Salt.....	ton	954, 928	6, 974, 501	962, 458	8, 506, 929
Silica brick.....	M	3, 720	712, 271	2, 143	474, 635
Soapstone and talc.....	ton	27, 408	285, 755	25, 691	301, 958
Sodium sulphate.....	ton	115, 565	1, 681, 258	165, 521	2, 547, 586
Sulphur.....	ton	358, 850	3, 172, 698	503, 237	4, 540, 463
Titanium dioxide.....	ton	100, 527	4, 206, 496	82, 386	3, 680, 077
Total other non-metallics.....	...	...	126, 039, 359	...	126, 625, 426
Clay products and other structural materials					
Clay products (brick, tile, etc.).....	...	...	29, 777, 731	...	31, 520, 243
Cement.....	bbl.	22, 238, 335	58, 842, 022	22, 552, 788	59, 405, 097
Lime.....	ton	1, 228, 760	14, 484, 013	1, 217, 343	14, 333, 152
Sand and gravel.....	ton	101, 033, 949	53, 485, 401	105, 430, 550	56, 884, 521
Stone.....	ton	19, 849, 017	30, 613, 051	34, 212, 319	37, 242, 580
Total clay products and other structural materials.....	...	...	187, 202, 218	...	199, 385, 593
Grand total.....	...	...	1, 336, 303, 503	...	1, 444, 196, 460

1. Includes some magnesium metal.

Note: The above figures do not include data for pitchblende products.

Table 4. Preliminary Estimate 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.	—	—	—	70,700
4		\$	—	—	—	128,674
5	Cadmium	lb.	—	—	—	—
6		\$	—	—	—	—
7	Cobalt	lb.	—	—	—	—
8		\$	—	—	—	—
9	Copper	lb.	6,626,000	1,969,051	—	165,193,507
10		\$	1,932,142	574,175	—	48,170,428
11	Gold	oz.	6,500	3,763	—	1,094,668
12		\$	221,455	128,205	—	37,295,339
13	Indium	oz.	—	—	—	—
14		\$	—	—	—	—
15	Iron ore	ton	3,758,000	—	—	666,645
16		\$	22,959,950	—	—	4,389,300
17	Iron ingots	ton	—	—	—	90,885
18		\$	—	—	—	2,939,144
19	Lead	lb.	37,485,575	4,174,556	—	17,052,104
20		\$	4,996,827	556,468	—	2,273,045
21	Magnesium and calcium	lb.	—	—	—	...
22		\$	—	—	—	1
23	Molybdenite	lb.	—	—	—	875,000
24		\$	—	—	—	534,000
25	Nickel	lb.	—	—	—	—
26		\$	—	—	—	—
27	Palladium, ruthenium, etc.	oz.	—	—	—	—
28		\$	—	—	—	—
29	Platinum	oz.	—	—	—	—
30		\$	—	—	—	—
31	Pitchblende	—	—	Not available		—
32	Selenium	lb.	—	—	—	190,000
33		\$	—	—	—	950,000
34	Silver	oz.	743,375	265,588	—	5,082,646
35		\$	618,934	221,129	—	4,231,811
36	Tellurium	lb.	—	—	—	—
37		\$	—	—	—	—
38	Tin	lb.	—	—	—	—
39		\$	—	—	—	—
40	Titanium, ore	ton	—	—	—	7,500
41		\$	—	—	—	17,312
42	Tungsten concentrates (WO ₃)	lb.	—	—	—	—
43		\$	—	—	—	—
44	Zinc	lb.	60,400,000	17,006,355	—	211,754,217
45		\$	7,211,760	2,030,559	—	25,283,454
46	Total Metals	\$	37,941,068	3,510,536	—	126,212,507
Non-metallics						
47	Arsenious oxide	lb.	—	—	—	—
48		\$	—	—	—	—
49	Asbestos	ton	—	—	—	894,864
50		\$	—	—	—	76,284,671
51	Barite	ton	—	217,770	—	—
52		\$	—	2,047,132	—	—
53	Diatomite	ton	—	4	—	—
54		\$	—	168	—	—
55	Feldspar	ton	—	—	—	15,439
56		\$	—	—	—	307,741
57	Fluorspar	ton	119,074	—	—	—
58		\$	2,970,650	—	—	—
59	Graphite	ton	—	—	—	—
60		\$	—	—	—	—
61	Grindstone	ton	—	15	—	—
62		\$	—	2,100	—	—
63	Gypsum	ton	27,500	3,168,237	90,714	—
64		\$	117,250	4,945,832	281,213	—
65	Iron oxide	ton	—	—	—	5,799
66		\$	—	—	—	181,073
67	Magnesite dolomite, brucite	ton	—	—	—	...
68		\$	—	—	—	4,008,678

1. Included in magnesian dolomite and brucite.

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1954

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
--	--	--	--	1,201,000	--	--	1,201,000	1
--	--	--	--	321,150	--	--	321,150	2
--	--	--	--	202,000	--	--	272,700	3
--	--	--	--	454,500	--	--	583,174	4
--	32,300	120,700	--	658,796	--	215,425	1,027,221	5
--	54,910	205,190	--	1,119,953	--	366,223	1,746,276	6
2,181,900	--	--	--	--	--	--	2,181,900	7
5,593,200	--	--	--	--	--	--	5,593,200	8
280,110,546	24,757,700	72,100,000	--	49,094,476	--	--	599,851,280	9
80,902,875	7,219,345	21,024,360	--	14,315,949	--	--	174,139,274	10
2,297,187	134,717	99,551	199	256,274	299,182	87,811	4,279,852	11
78,265,161	4,589,808	3,391,703	6,780	8,731,255	10,193,131	2,991,721	145,814,558	12
--	--	--	--	--	--	--	--	13
--	--	--	--	--	--	--	--	14
2,311,211	--	--	--	544,400	--	--	7,280,256	15
16,763,332	--	--	--	2,645,800	--	--	46,758,382	16
--	--	--	--	--	--	--	90,885	17
--	--	--	--	--	--	--	2,939,144	18
2,585,900	--	--	--	348,686,516	--	32,558,169	442,542,820	19
344,700	--	--	--	46,479,913	--	4,340,004	58,990,957	20
...	--	--	--	--	--	--	...	21
4,576,024	--	--	--	--	--	--	4,576,024	22
--	--	--	--	--	--	--	875,000	23
--	--	--	--	--	--	--	534,000	24
313,769,340	6,214,000	--	--	--	--	--	319,983,340	25
176,467,900	3,728,400	--	--	--	--	--	180,196,300	26
176,528	--	--	--	--	--	--	176,528	27
7,494,809	--	--	--	--	--	--	7,494,809	28
149,145	--	--	--	--	--	--	149,145	29
12,505,758	--	--	--	--	--	--	12,505,758	30
...	--	--	--	--	--	--	...	31
93,800	17,000	68,000	Not available	--	--	--	368,800	32
469,000	85,000	340,000	--	--	--	--	1,844,000	33
4,810,203	403,698	1,440,000	17	11,979,853	57,507	6,758,870	31,541,757	34
4,004,975	336,119	1,198,944	14	9,974,426	47,880	5,627,435	26,261,667	35
7,200	--	--	--	--	--	--	7,200	36
12,600	--	--	--	--	--	--	12,600	37
--	--	--	--	390,000	--	--	390,000	38
--	--	--	--	226,200	--	--	226,200	39
--	--	--	--	--	--	--	7,500	40
--	--	--	--	--	--	--	17,312	41
--	--	--	--	2,000,732	--	--	2,000,732	42
--	--	--	--	3,596,387	--	--	3,596,387	43
1,190,400	32,600,000	101,000,000	--	300,670,833	--	23,096,529	747,718,334	44
142,134	3,892,440	12,059,400	--	35,900,097	--	2,757,725	89,277,569	45
387,542,468	19,906,022	38,219,597	6,794	123,765,630	10,241,011	16,083,108	763,428,741	46
...	--	--	--	--	--	--	...	47
443,900	--	--	--	--	--	--	443,900	47
18,800	--	--	--	--	--	--	18,800	48
22,520	--	--	--	9,499	--	--	926,883	49
3,616,310	--	--	--	3,178,950	--	--	83,079,931	50
--	--	--	--	4,749	--	--	222,519	51
--	--	--	--	113,337	--	--	2,160,469	52
100	--	--	--	--	--	--	104	53
12,000	--	--	--	--	--	--	12,168	54
--	--	--	--	--	--	--	15,439	55
--	--	--	--	--	--	--	307,741	56
1,004	--	--	--	--	--	--	120,078	57
41,288	--	--	--	--	--	--	3,011,938	58
1,626	--	--	--	--	--	--	1,626	59
165,000	--	--	--	--	--	--	165,000	60
--	--	--	--	--	--	--	15	61
--	--	--	--	--	--	--	2,100	62
357,487	165,900	--	--	147,430	--	--	3,957,268	63
982,486	329,900	--	--	397,355	--	--	7,054,036	64
--	--	--	--	--	--	--	5,799	65
--	--	--	--	--	--	--	181,073	66
--	--	--	--	--	--	--	...	67
--	--	--	--	--	--	--	4,008,678	68

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1954 - Concluded

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded						
1	Mica	lb.	-	-	-	920,692
2		\$	-	-	-	64,422
3	Mineral water	gal.	-	-	-	310,000
4		\$	-	-	-	165,000
5	Nepheline syenite	ton	-	-	-	-
6		\$	-	-	-	-
7	Peat, moss	ton	-	154	8,200	22,998
8		\$	-	6,416	242,000	619,993
9	Perlite	ton	-	-	-	-
10		\$	-	-	-	-
11	Phosphate rock	ton	-	-	-	-
12		\$	-	-	-	-
13	Quartz	ton	-	-	-	89,248
14		\$	-	-	-	227,045
15	Salt	ton	-	146,659	-	-
16		\$	-	1,928,137	-	-
17	Silica brick	M	-	1,208	-	-
18		\$	-	242,965	-	-
19	Soapstone and talc	ton	11	-	-	12,680
20		\$	220	-	-	141,738
21	Sodium sulphate	ton	-	-	-	-
22		\$	-	-	-	-
23	Sulphur	ton	-	-	-	-
24		\$	-	-	-	1,759,243
25	Titanium dioxide	ton	-	-	-	82,386
26		\$	-	-	-	3,680,077
27	Total non-metallics	\$	3,088,120	9,172,750	523,213	87,439,681
Fuels						
28	Coal	ton	-	5,794,000	774,000	-
29		\$	-	51,480,000	6,113,000	-
30	Natural gas	M cu.ft.	-	-	183,500	-
31		\$	-	-	136,125	-
32	Peat	ton	-	-	-	-
33		\$	-	-	-	-
34	Petroleum, crude	bbl.	-	-	12,900	-
35		\$	-	-	18,060	-
36	Total fuels	\$	-	51,480,000	6,267,185	-
Structural Materials						
37	Clay products	\$	33,000	1,083,252	602,000	8,139,965
38	Cement	bbl	411,400	-	840,000	7,580,000
39		\$	1,708,200	-	2,142,000	19,212,000
40	Lime	ton	-	-	20,722	419,979
41		\$	-	-	402,631	3,944,933
42	Sand and gravel	ton	1,873,510	1,187,086	3,969,060	30,865,750
43		\$	1,163,298	1,173,120	2,018,091	13,992,308
44	Stone	ton	763,763	14,495,716	733,847	7,424,179
45		\$	934,993	8,701,566	559,737	13,199,436
46	Total Structural Materials.....	\$	3,839,491	10,957,938	5,724,459	58,488,642
47	Grand Total, 1954	\$	44,868,679	75,121,224	12,514,857	272,140,830
48	Grand Total, 1953	\$	33,780,622	67,364,408	11,663,618	251,881,781

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1954 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	
298,537	--	--	--	284,000	--	--	1,503,229	1
20,730	--	--	--	5,327	--	--	90,479	2
300	--	--	--	--	--	--	310,300	3
150	--	--	--	--	--	--	165,150	4
120,484	--	--	--	--	--	--	120,484	5
1,740,000	--	--	--	--	--	--	1,740,000	6
2,412	2,000	--	--	51,493	--	--	87,257	7
72,330	92,000	--	--	1,954,222	--	--	2,986,961	8
--	--	--	--	--	--	--	--	9
--	--	--	--	--	--	--	--	10
--	--	--	--	--	--	--	--	11
--	--	--	--	--	--	--	--	12
1,470,703	--	167,000	--	16,000	--	--	1,742,951	13
1,188,709	--	83,500	--	90,000	--	--	1,589,254	14
730,937	18,000	36,737	30,125	--	--	--	962,458	15
4,524,427	456,000	891,240	707,125	--	--	--	8,506,929	16
935	--	--	--	--	--	--	2,143	17
231,670	--	--	--	--	--	--	474,635	18
13,000	--	--	--	--	--	--	25,691	19
160,000	--	--	--	--	--	--	301,958	20
--	--	165,521	--	--	--	--	165,521	21
--	--	2,547,586	--	--	--	--	2,547,586	22
...	--	--	--	...	--	--	503,237	23
537,220	--	--	--	2,244,000	--	--	4,540,463	24
--	--	--	--	--	--	--	82,386	25
--	--	--	--	--	--	--	3,680,077	26
13,311,120	877,900	3,522,326	707,125	7,983,191	--	--	126,625,426	27
--	--	2,112,000	4,871,000	1,258,000	--	16,000	14,825,000	28
--	--	3,956,000	26,569,000	7,735,000	--	225,000	96,078,000	29
10,120,000	--	3,300,000	109,221,000	--	30,000	--	122,854,500	30
4,048,000	--	297,000	8,191,575	--	10,500	--	12,683,200	31
--	--	--	--	--	--	--	--	32
--	--	--	--	--	--	--	--	33
410,200	2,090,000	5,000,000	87,600,000	--	367,000	--	95,480,100	34
1,378,270	5,663,900	8,250,000	230,388,000	--	297,270	--	245,995,500	35
5,426,270	5,663,900	12,503,000	265,148,575	7,735,000	307,770	225,000	354,756,700	36
16,445,275	490,600	838,000	2,239,284	1,648,867	--	--	31,520,243	37
7,375,388	1,600,000	--	3,000,000	1,746,000	--	--	22,552,788	38
19,052,987	4,720,000	--	7,620,000	4,949,910	--	--	59,405,097	39
638,388	58,461	--	31,661	48,132	--	--	1,217,343	40
7,680,494	917,099	--	511,415	876,580	--	--	14,333,152	41
43,446,794	3,642,596	4,086,542	7,058,884	9,300,328	--	--	105,430,550	42
24,705,906	1,556,618	1,894,871	5,149,745	5,230,564	--	--	56,884,521	43
8,371,635	1,141,779	--	19,460	1,261,940	--	--	34,212,319	44
10,828,276	820,402	--	78,700	2,119,470	--	--	37,242,580	45
78,712,938	8,504,719	2,732,871	15,599,144	14,825,391	--	--	199,385,593	46
484,992,796	34,952,541	56,977,794	281,461,638	154,309,212	10,548,781	16,308,108	1,444,196,460	47
465,877,093	25,264,112	48,081,970	248,863,295	158,487,812	10,300,230	14,738,562	1,336,303,503	48

Table 5. Final Statistics of the Mineral Production of Canada, 1953

	Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Metals					
1	Antimony	lb.	—	—	—
2		\$	—	—	—
3	Bismuth	lb.	—	—	46,068
4		\$	—	—	49,136
5	Cadmium	lb.	—	—	—
6		\$	—	—	—
7	Cobalt	lb.	—	—	—
8		\$	—	—	—
9	Copper	lb.	5,627,461	1,576,360	109,839,871
10		\$	1,684,862	471,962	32,886,057
11	Gold	oz.	7,654	3,248	1,021,698
12		\$	263,451	111,796	35,166,845
13	Indium	oz.	—	—	—
14		\$	—	—	—
15	Iron ore	ton	2,686,481	—	—
16		\$	14,201,842	—	—
17	Iron ingots	ton	—	—	107,370
18		\$	—	—	4,064,039
19	Lead	lb.	35,403,172	3,652,126	18,473,850
20		\$	4,576,214	472,074	2,387,930
21	Magnesium and calcium	lb.	—	—	...
22		\$	—	—	1
23	Molybdenite	lb.	—	—	323,907
24		\$	—	—	215,527
25	Nickel	lb.	—	—	—
26		\$	—	—	—
27	Palladium, iridium, etc.	oz.	—	—	—
28		\$	—	—	—
29	Platinum	oz.	—	—	—
30		\$	—	—	—
31	Pitchblende	—	Not available		
32	Selenium	lb.	—	—	113,533
33		\$	—	—	476,839
34	Silver	oz.	648,389	226,225	4,571,373
35		\$	544,712	190,052	3,840,410
36	Tellurium	lb.	—	—	—
37		\$	—	—	—
38	Tin	lb.	—	—	—
39		\$	—	—	—
40	Titanium ore	ton	—	—	9,294
41		\$	—	—	80,085
42	Tungsten concentrates (WO ₃)	lb.	—	—	—
43		\$	—	—	—
44	Zinc	lb.	56,003,584	14,698,698	200,859,247
45		\$	6,698,029	1,757,964	24,022,766
46	Total metals	\$	27,969,110	3,003,848	103,189,634
Non-metallics					
47	Arsenious oxide	lb.	—	—	—
48		\$	—	—	—
49	Asbestos	ton	—	—	884,595
50		\$	—	—	81,000,775
51	Barite	ton	—	244,349	—
52		\$	—	2,167,447	—
53	Diatomite	ton	—	3	—
54		\$	—	150	—
55	Feldspar	ton	—	—	18,591
56		\$	—	—	319,146
57	Fluorspar	ton	87,693	—	—
58		\$	2,631,698	—	—
59	Graphite	ton	—	—	—
60		\$	—	—	—
61	Grindstone	ton	—	—	15
62		\$	—	—	900
63	Gypsum	ton	26,531	3,050,832	120,816
64		\$	117,208	5,200,420	380,570

1. Included in magnesian dolomite and brucite.

Table 5. Final Statistics of the Mineral Production of Canada, 1953

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	
—	—	—	—	1,488,105	—	—	1,488,105	1
—	—	—	—	291,862	—	—	291,862	2
—	—	—	—	71,298	—	—	117,366	3
—	—	—	—	160,421	—	—	209,557	4
—	30,987	127,010	—	721,862	—	238,426	1,118,285	5
—	61,974	254,020	—	1,443,724	—	476,852	2,236,570	6
1,602,545	—	—	—	—	—	—	1,602,545	7
4,013,077	—	—	—	—	—	—	4,013,077	8
261,164,653	18,822,890	61,176,869	—	48,295,970	—	—	506,504,074	9
77,587,439	5,635,573	18,316,355	—	14,371,494	—	—	150,953,742	10
2,182,437	131,309	88,327	65	264,976	289,929	66,080	4,055,723	11
75,119,481	4,519,656	3,040,215	2,237	9,120,474	9,979,356	2,274,474	139,597,985	12
—	—	—	—	6,752	—	—	6,752	13
—	—	—	—	9,588	—	—	9,588	14
2,832,090	—	—	—	991,247	—	—	6,509,818	15
23,137,997	—	—	—	6,763,105	—	—	44,102,944	16
—	—	—	—	—	—	—	107,370	17
656,755	—	—	—	297,634,712	—	31,590,973	4,064,039	18
84,892	—	—	—	38,472,263	—	4,083,449	387,411,588	19
...	—	—	—	—	—	—	50,076,822	20
5,295,840	—	—	—	—	—	—	...	21
—	—	—	—	—	—	—	5,295,840	22
—	—	—	—	—	—	—	323,907	23
287,385,777	—	—	—	—	—	—	215,527	24
160,430,098	—	—	—	—	—	—	287,385,777	25
166,018	—	—	—	—	—	—	160,430,098	26
7,495,409	—	—	—	—	—	—	166,018	27
137,545	—	—	—	—	—	—	7,495,409	28
12,550,981	—	—	—	—	—	—	137,545	29
—	—	—	—	—	—	—	12,550,981	30
92,698	10,892	45,223	Not available	—	—	—	262,346	31
389,332	45,746	189,937	—	—	—	—	1,101,854	32
5,154,619	429,508	1,257,622	6	9,308,874	63,592	6,639,127	28,299,335	33
4,330,395	360,830	1,056,528	5	7,820,385	53,424	5,577,530	23,774,271	34
4,525	33	136	—	—	—	—	4,694	35
7,919	58	238	—	—	—	—	8,215	36
—	—	—	—	1,092,228	—	—	1,092,228	37
—	—	—	—	581,746	—	—	581,746	38
—	—	—	—	—	—	—	9,294	39
—	—	—	—	—	—	—	80,085	40
48,780	—	—	—	2,395,544	—	1,704	2,446,028	41
132,685	—	—	—	5,556,000	—	4,475	5,689,160	42
171,787	31,532,737	99,929,241	—	382,300,862	—	18,027,139	803,523,295	43
20,546	3,771,315	11,951,537	—	45,723,183	—	2,156,046	96,101,386	44
370,596,091	14,395,152	34,808,830	2,242	130,314,245	10,032,780	14,568,826	708,880,758	45
—	—	—	—	—	—	—	—	46
1,403,740	—	—	—	—	—	—	1,403,740	47
56,150	—	—	—	—	—	—	56,150	48
23,529	—	—	—	3,102	—	—	911,226	49
4,063,404	—	—	—	988,716	—	—	86,052,895	50
—	—	—	—	2,878	—	—	247,227	51
—	—	—	—	52,845	—	—	2,220,292	52
100	—	—	—	—	—	—	103	53
12,000	—	—	—	—	—	—	12,150	54
2,655	—	—	—	—	—	—	21,246	55
28,018	—	—	—	—	—	—	347,164	56
876	—	—	—	—	—	—	88,569	57
38,887	—	—	—	—	—	—	2,670,585	58
3,466	—	—	—	—	—	—	3,466	59
366,528	—	—	—	—	—	—	366,528	60
—	—	—	—	—	—	—	15	61
—	—	—	—	—	—	—	900	62
334,495	163,313	—	—	145,470	—	—	3,841,457	63
899,630	414,401	—	—	387,655	—	—	7,399,884	64

Table 5. Final Statistics of the Mineral Production of Canada, 1953 — Concluded

No.		Unit of measure	Newfoundland	Nova Scotia	New Brunswick	Quebec
Non-metallics— Concluded						
1	Iron oxide.....	ton	—	—	—	10,308
2		\$	—	—	—	195,801
3	Magnesitic dolomite, brucite.....	ton	—	—	—	...
4		\$	—	—	—	3,056,392
5	Mica.....	lb.	—	—	—	1,478,615
6		\$	—	—	—	99,080
7	Mineral water.....	gal.	—	—	—	309,285
8		\$	—	—	—	165,334
9	Nepheline syenite.....	ton	—	—	—	—
10		\$	—	—	—	—
11	Peat, moss.....	ton	—	150	8,323	22,021
12		\$	—	5,706	246,946	587,671
13	Perlite.....	ton	—	—	—	—
14		\$	—	—	—	—
15	Phosphate rock.....	ton	—	—	—	—
16		\$	—	—	—	—
17	Quartz.....	ton	—	—	—	165,706
18		\$	—	—	—	603,524
19	Salt.....	ton	—	127,819	—	—
20		\$	—	1,272,463	—	—
21	Silica brick.....	M	—	2,253	—	—
22		\$	—	399,096	—	—
23	Soapstone and talc.....	ton	—	—	—	14,098
24		\$	—	—	—	160,546
25	Sodium carbonate.....	ton	—	—	—	—
26		\$	—	—	—	—
27	Sodium sulphate.....	ton	—	—	—	—
28		\$	—	—	—	—
29	Sulphur.....	ton	—	—	—	169,766
30		\$	—	—	—	1,211,343
31	Titanium dioxide.....	ton	—	—	—	100,527
32		\$	—	—	—	4,206,496
33	Total non-metallics.....	\$	2,748,906	9,045,282	628,416	91,606,108
Fuels						
34	Coal.....	ton	—	5,787,026	721,252	—
35		\$	—	51,997,545	5,747,073	—
36	Natural gas.....	M cu. ft.	—	—	177,112	—
37		\$	—	—	131,368	—
38	Peat.....	ton	—	—	—	—
39		\$	—	—	—	—
40	Petroleum, crude.....	bbl.	—	—	14,738	—
41		\$	—	—	20,633	—
42	Total fuels.....	\$	—	51,997,545	5,899,074	—
Structural materials						
43	Clay products.....	\$	39,500	1,234,319	620,769	8,070,942
44	Cement.....	bbl.	395,834	—	823,900	7,400,912
45		\$	1,345,073	—	2,104,469	19,232,112
46	Lime.....	ton	160	—	21,184	424,305
47		\$	6,942	—	430,226	4,236,639
48	Sand and gravel.....	ton	1,908,187	1,523,083	2,648,235	26,694,125
49		\$	1,023,622	1,459,770	1,282,421	11,630,482
50	Stone.....	ton	391,633	193,101	987,977	7,754,248
51		\$	647,469	623,644	698,243	13,915,864
52	Total structural materials.....	\$	3,062,606	3,317,733	5,136,128	57,086,039
52	Grand total, 1953.....	\$	33,780,622	67,364,408	11,663,618	251,881,781
53	Grand total, 1952.....	\$	32,512,313	64,552,383	11,298,960	270,483,962

Table 5. Final Statistics of the Mineral Production of Canada, 1953 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	—	—	—	10,308	1
—	—	—	—	—	—	—	195,801	2
—	—	—	—	—	—	—	...	3
—	—	—	—	—	—	—	3,056,392	4
466,513	—	—	—	320,000	—	—	2,265,128	5
59,168	—	—	—	2,880	—	—	161,128	6
300	—	—	—	—	—	—	309,585	7
150	—	—	—	—	—	—	165,484	8
113,345	—	—	—	—	—	—	113,345	9
1,576,271	—	—	—	—	—	—	1,576,271	10
1,319	2,085	—	—	47,756	—	—	81,654	11
52,535	92,433	—	—	1,657,728	—	—	2,643,019	12
—	—	—	—	1,112	—	—	1,112	13
—	—	—	—	11,120	—	—	11,120	14
—	—	—	—	—	—	—	—	15
—	—	—	—	—	—	—	—	16
1,450,770	—	152,786	—	16,312	—	—	1,785,574	17
1,301,048	—	76,393	—	89,652	—	—	2,070,617	18
749,046	18,078	35,100	24,885	—	—	—	954,928	19
3,919,810	420,631	760,082	601,515	—	—	—	6,974,501	20
1,467	—	—	—	—	—	—	3,720	21
313,175	—	—	—	—	—	—	712,271	22
13,310	—	—	—	—	—	—	27,408	23
125,209	—	—	—	—	—	—	285,755	24
—	—	—	—	—	—	—	—	25
—	—	—	—	—	—	—	—	26
—	—	115,565	—	—	—	—	115,565	27
—	—	1,681,258	—	—	—	—	1,681,258	28
37,130	—	—	—	151,954	—	—	358,850	29
371,300	—	—	—	1,590,055	—	—	3,172,698	30
—	—	—	—	—	—	—	100,527	31
—	—	—	—	—	—	—	4,206,496	32
13,183,283	927,465	2,517,733	601,515	4,780,651	—	—	126,039,359	33
—	—	2,021,304	5,917,474	1,443,006	—	10,611	15,900,673	34
—	—	3,834,455	32,110,429	8,862,637	—	169,736	102,721,875	35
9,708,969	—	1,422,128	89,651,605	—	26,109	—	100,985,923	36
3,883,588	—	127,992	6,723,870	—	10,199	—	10,877,017	37
—	—	—	—	—	—	—	—	38
—	—	—	—	—	—	—	—	39
299,685	653,514	2,797,888	76,816,383	—	316,689	—	80,898,897	40
994,835	1,714,806	3,833,107	193,761,644	—	257,251	—	200,582,276	41
4,878,423	1,714,806	7,795,554	232,595,943	8,862,637	267,450	169,736	314,181,168	42
14,829,222	568,477	742,959	2,135,085	1,536,458	—	—	29,777,731	43
7,078,181	1,614,301	—	3,098,664	1,826,543	—	—	22,238,335	44
18,497,744	4,676,137	—	7,915,227	5,071,260	—	—	58,842,022	45
659,062	50,981	—	29,263	43,805	—	—	1,228,760	46
7,714,252	787,032	—	430,924	877,998	—	—	14,484,013	47
43,658,099	4,686,323	4,770,368	7,651,261	7,494,268	—	—	101,033,949	48
24,359,496	1,524,629	2,216,894	5,097,720	4,890,367	—	—	53,485,401	49
8,818,886	377,819	—	18,833	1,306,520	—	—	19,849,017	50
11,818,582	670,414	—	84,639	2,154,196	—	—	30,613,051	51
77,219,296	8,226,689	2,959,853	15,663,595	14,530,279	—	—	187,202,218	52
465,877,093	25,264,112	48,081,970	248,863,295	158,487,812	10,300,230	14,738,562	1,336,303,503	53
444,669,412	25,105,045	49,506,094	196,811,654	170,071,244	8,944,835	11,386,451	1,285,342,353	54

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)					
1945	215,712	40,800	382,286	1,841	51
1946	194,117	33,875	137,336	2,449	246
1947	299,066	50,265	230,175	3,898	616
1948	367,079	65,433	328,551	5,153	25
1949	369,466	52,767	296,906	10,576	40
1950	396,332	65,185	335,723	11,445	63
1951	447,095	86,241	354,414	14,805	270
1952	499,758	90,287	412,590	23,517	13
1953	548,445	88,548	459,692	17,377	35
1954	560,836	80,355	468,494	17,447	115

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	\$	
1945	1,667,951	290,557	256,970	1,034,792	172,253	1,566,000
1946	542,145	96,322	—	1,861,962	374,966	1,742,000
1947	1,150,463	384,255	—	2,880,513	807,307	2,373,000
1948	310,062	113,173	—	1,093,835	351,942	1,824,000
1949	158,238	61,020	—	2,563,635	908,302	1,760,000
1950	643,540	215,586	—	3,212,794	873,720	1,960,000
1951	6,702,164	1,436,713	—	1,362,260	687,166	2,308,000
1952	2,300,900	601,483	—	1,721,622	511,966	1,450,000
1953	1,488,105	291,862	—	1,729,253	371,340	1,720,000
1954	1,201,000	321,150	—	2,043,544	490,782	1,710,000

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	Pounds	
1945	189,815	260,047	189,815	5	11	70,000
1946	240,504	336,706	234,020	6	13	80,000
1947	234,372	560,213	234,357	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	200,335 ¹	595	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	272,700	583,174	225,352 ¹	—	—	74,000

1. Includes some bismuth from foreign ores.

CADIUM

Table 9.

Year	Production in all forms		Consumption, refined metal	Exports, refined metal	
	Pounds	\$	Pounds	Pounds	\$
1945	646,064	639,603	174,000	350,744	385,369
1946	802,648	979,230	192,000	573,368	694,254
1947	718,534	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	1,735,409	226,000	633,607	1,454,262
1950	848,406	1,968,302	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	1,027,221	1,746,276	226,000	776,391	1,208,355

CHROMITE

Table 10.

Year	Production of chrome ore		Imports of chrome ore	
	Tons	\$	Tons	\$
1945	5,755	160,752	60,691	1,154,985
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

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	\$
1945	109,123	90,026	1,195	869,415	65,000	57,119	583,334	954,257
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	2,181,900	5,593,200	5	1,321	3,300	5,693	1,143,965	3,800,715

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	\$
1945	Newfoundland joined Confederation in 1949				51,342	12,886,976
1946					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	3,313	1,932,142	985	574,175	82,597	48,170,428
	Ontario		Manitoba		Saskatchewan	
1945	119,726	29,711,633	20,563	5,161,332	32,950	8,270,538
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	140,055	80,902,875	12,379	7,219,345	36,050	21,024,360
	British Columbia		Northwest Territories		Canada	
1945	12,876	3,231,782	—	—	237,457	59,322,261
1946	8,750	2,240,068	—	—	183,968	46,632,093
1947	20,960	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	24,547	14,315,949	—	—	299,926	174,139,274

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

Note: 1952—Nova Scotia, 426 tons valued at \$237,387.

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

Year	Production	Domestic consumption	Exports	Imports
	(Tons of 2,000 pounds)			
1945	228,861	90,000	129,349	...
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	252,643	102,000	156,130	1

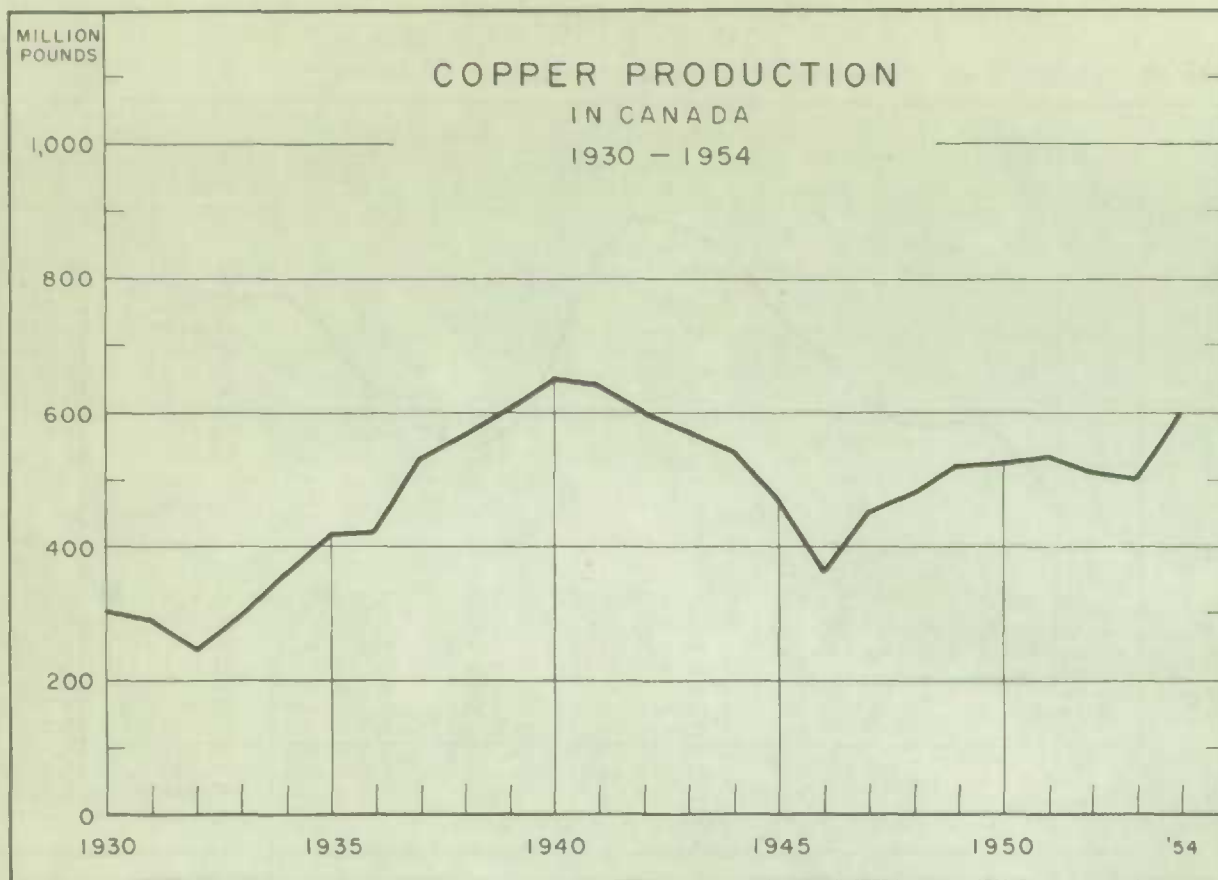
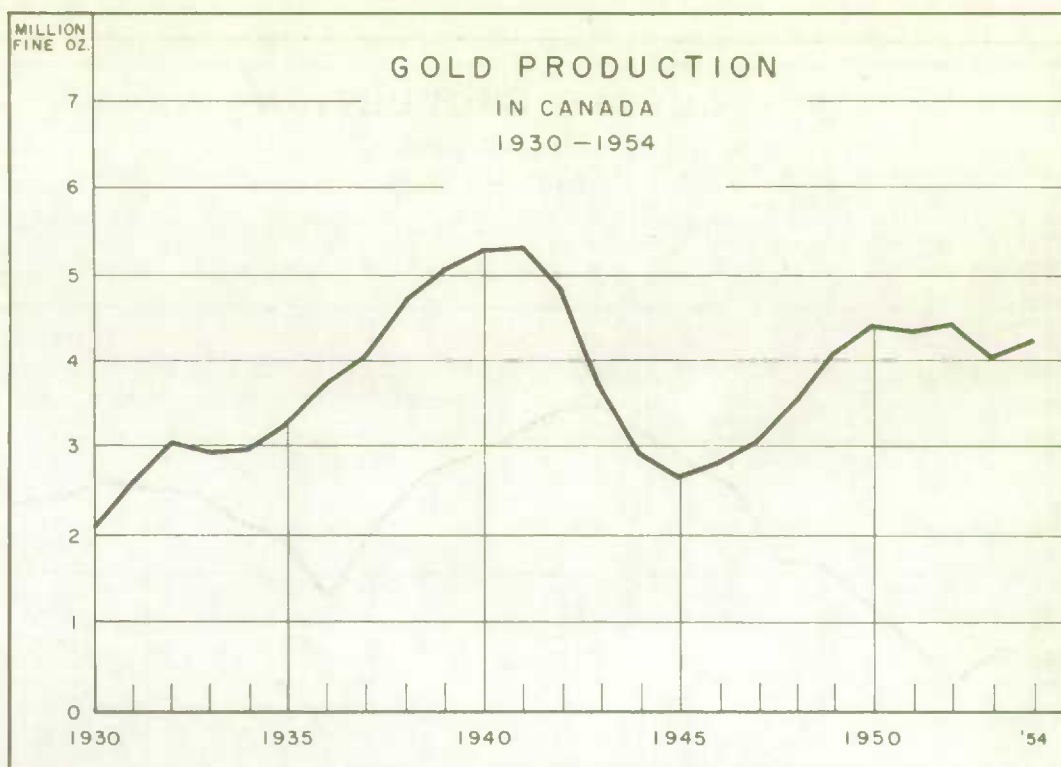


Table 14. Exports of Primary Copper

Year	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	\$	Tons	\$
1945	19,295	2,701,244	129,349	32,098,264
1946	17,628	2,467,906	101,415	27,463,366
1947	29,094	9,310,000	87,478	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	25,802,156	156,130	91,355,516



GOLD

Table 15. Production of Gold

Year	Fine ounces	\$	Year	Fine ounces	\$
1945	2,696,727	103,823,990	1950	4,441,227	168,988,687
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	4,279,852	145,814,558

Table 16. Gold Production by Provinces and Areas

	1953		1954	
	Fine ounces	\$	Fine ounces	\$
Newfoundland	7,654	263,451	6,500	221,455
Nova Scotia	3,248	111,796	3,763	128,205
Quebec:				
Gold mines	764,667	26,321,077	787,332	26,824,401
Base metal mines	256,995	8,845,768	307,336	10,470,938
Total Quebec	1,021,698	35,166,845	1,094,668	37,295,339
Ontario				
Gold mines: Porcupine	876,814	30,179,938	1,001,694	34,127,715
Kirkland Lake	404,901	13,936,692	387,565	13,204,340
Larder Lake	334,247	11,504,782	352,095	11,995,876
Matachewan	31,173	1,072,975	30,800	1,049,356
Sudbury	41,265	1,420,341	42,689	1,454,414
Thunder Bay	113,713	3,914,001	95,187	3,243,021
Patricia	340,113	11,706,690	344,068	11,722,397
Other mines	40,211	1,384,062	43,089	1,468,042
Total Ontario	2,182,437	75,119,481	2,297,187	78,265,161

Table 16. Gold Production by Provinces and Areas - Concluded

	1953		1954	
	Fine ounces	\$	Fine ounces	\$
Manitoba:				
Gold mines	108,370	3,730,096	111,621	3,802,927
Other mines	22,939	789,560	23,096	786,881
Total Manitoba	131,309	4,519,656	134,717	4,589,808
Saskatchewan:				
Gold mines	—	—	1	34
Other mines	88,327	3,040,215	99,550	3,391,669
Total Saskatchewan	88,327	3,040,215	99,551	3,391,703
Alberta (placer)	65	2,237	199	6,780
British Columbia:				
Gold mines (lode)	204,045	7,023,229	196,912	6,708,792
Gold mines (placer)	11,360	391,011	7,205	245,474
Other mines	49,571	1,706,234	52,157	1,776,989
Total British Columbia	264,976	9,120,474	256,274	8,731,255
Northwest Territories:				
Gold mines	289,929	9,979,356	299,182	10,193,131
Yukon (chiefly placer)	66,080	2,274,474	87,811	2,991,721
Total Canada	4,055,723	139,597,985	4,279,852	145,814,558

IRON ORE**Table 17.**

Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
1945	1,135,444	3,635,095	3,739,867	8,595,799	771,495	2,552,691
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	16,801,727	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	7,280,256	46,758,382	3,035,191	20,415,600	6,126,938	39,718,740

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
1945	173,497	17,349,723	163,142	7,834	573,690	107,292	8,603,049	62,263
1946	176,987	23,893,230	165,744	6,007	736,933	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	47,886,452	170,023	19,276	5,560,510	115,167	32,241,459	54,723
1951	158,231	58,229,146	162,000	19,648	6,765,963	105,736	38,123,412	55,210
1952	168,842	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	221,271	58,990,957	166,000	59,755	14,568,258	116,409	25,802,738	68,000

1. Lead in base bullion plus recoverable lead in ores exported.

2. Includes lead from foreign ores.

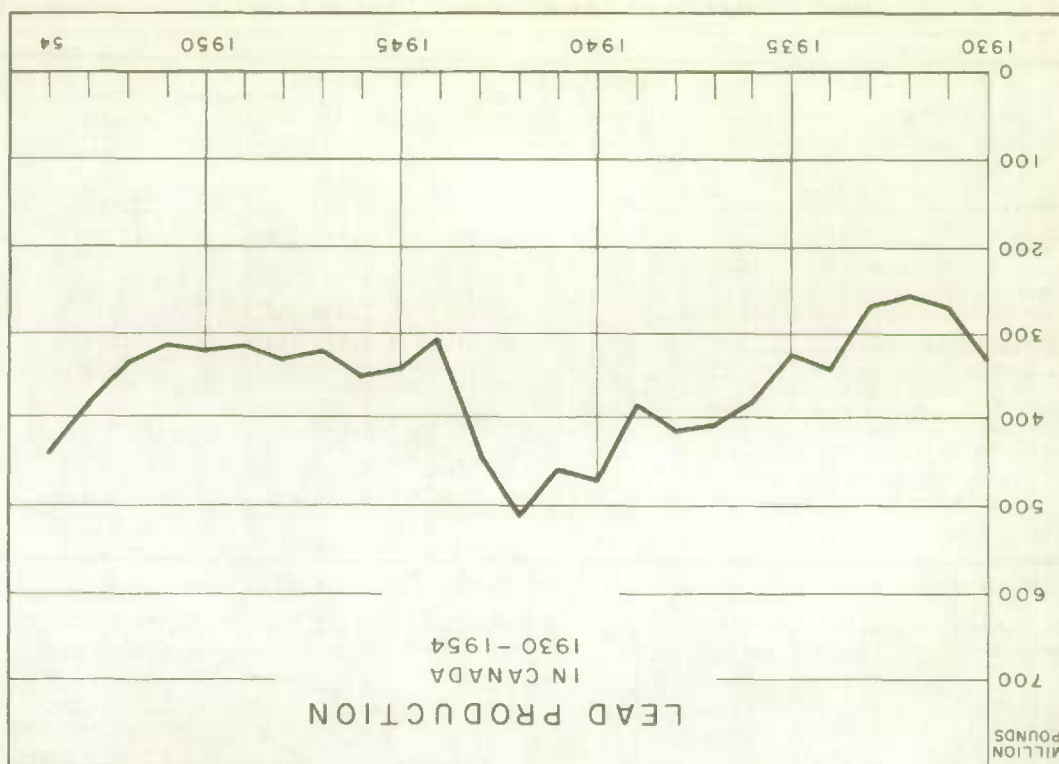


Table 19.

MAGNESIUM

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	\$		Pounds	\$
1945	7,358,545	1,607,264	1951 .....	...	3,618,219 ¹
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 .....	...	4,576,024 ¹

1. Includes calcium in 1950-1954.

Table 20.

MANGANESE ORE

Year	Production		Imports	
	Tons	\$	Tons	\$
1945	—	—	198,277	4,571,592
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

MERCURY

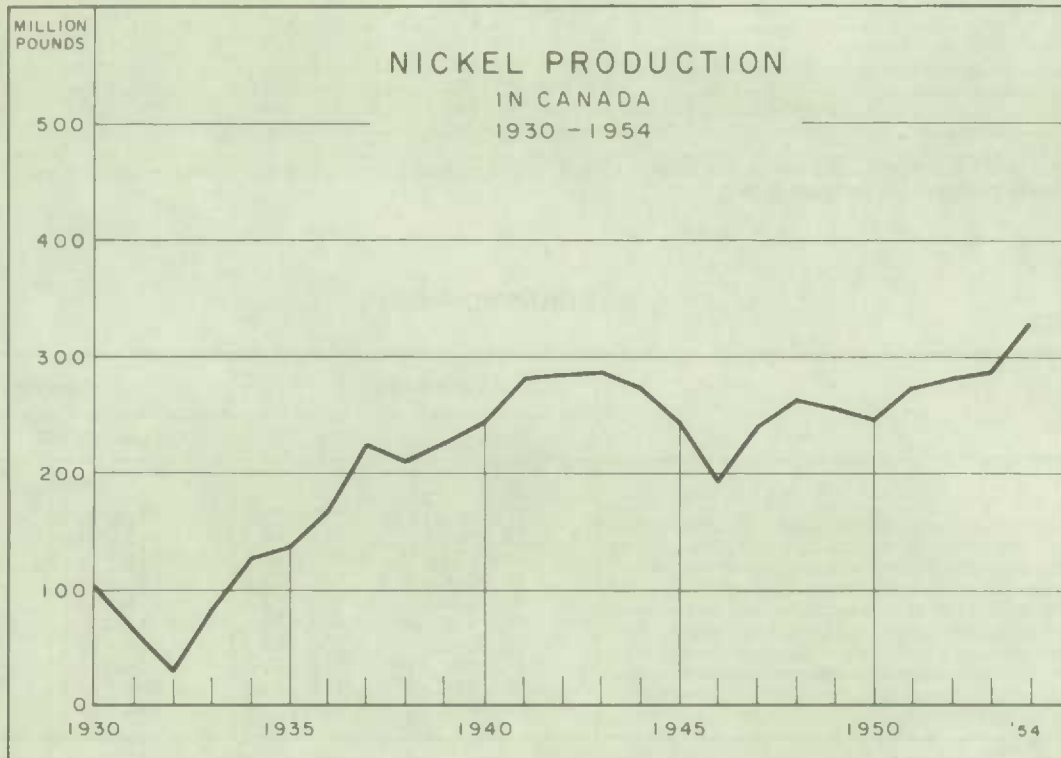
Table 21.

Year	Production		Imports		Exports	
	Pounds	\$	Pounds	\$	Pounds	\$
1945	—	—	27,101	32,924	261,720	Not available
1946	—	—	152,719	165,431	57,005	100,065
1947	—	—	412,649	400,156	17,034	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

MOLYBDENITE

Table 22.

Year	Shipments			Year	Shipments		
	Concentrates	MoS ₂ Content	\$		Concentrates	MoS ₂ Content	\$
	Tons	Pounds			Tons	Pounds	
1945	489.1	839,419	411,663	1950	108.9	103,550	60,059
1946	308.2	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	—	875,000	534,000



NICKEL

Table 23.

Year	Production of primary ¹ nickel in all forms		Exports			
			Nickel contained in matte or speiss		Refined nickel	
	Tons	\$	Tons	\$	Tons	\$
1945	122,565	61,982,133	28,295	10,186,290	78,168	43,783,221
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	60,286,680	72,357	75,600,713
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	159,992	180,196,300	65,823	72,862,335	91,410	107,828,514

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

METALS OF THE PLATINUM GROUP

Table 24.

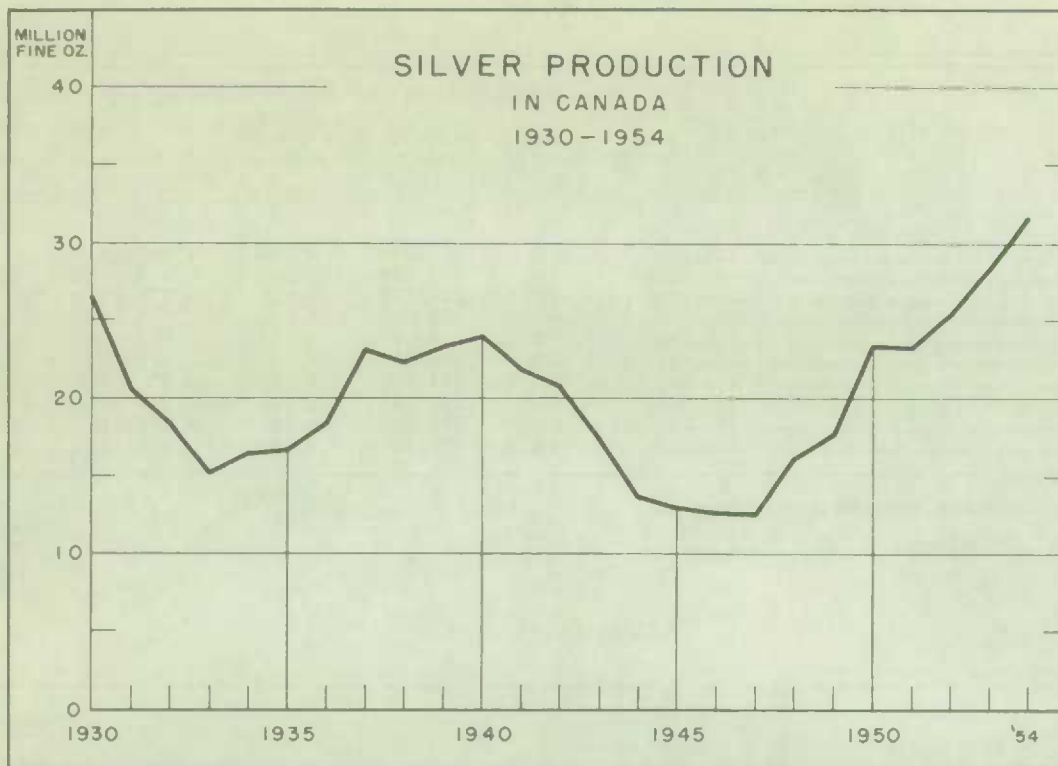
Year	Production ¹			
	Platinum		Palladium, rhodium, Iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
1945	208,234	8,017,010	458,674	18,671,074
1946	121,771	7,672,791	117,566	5,162,801
1947	94,570	5,582,467	110,332	4,387,740
1948	121,404	10,622,850	148,343	6,295,132
1949	153,784	11,603,002	182,233	8,289,915
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	149,145	12,505,758	176,528	7,494,809

1. From 1945 the figures represent the metal content of concentrates produced from nickel-copper ores. 1945 includes an accumulated revision of previous years.

SELENIUM

Table 25.

Year	Production		Exports	
	Pounds	\$	Pounds	\$
1945	379,187	728,039	442,084	843,404
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	368,800	1,844,000	344,292	1,943,752



SILVER

Table 26.

Year	Production primary silver in all forms		Exports			
			Silver contained in ores, concentrates, etc.		Silver bullion	
	Fine ounces	\$	Fine ounces	\$	Fine ounces	\$
1945	12,942,906	6,083,166	2,232,405	1,153,106	2,723,698	1,443,814
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	3,005,194	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	31,541,757	26,261,667	8,672,340	6,961,088	14,467,015	11,991,817

TELLURIUM

Table 27.

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1945	484	929	1950	10,075	19,143
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	7,200	12,600

TIN

Table 28.

Year	Production of refined tin		Imports in blocks, pigs		Consumption
	Tons	\$	Tons	\$	Tons
1945	425	492,990	3,598	4,983,234	4,108
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	546*	581,746	4,146	8,263,530	4,424
1954	195*	226,200	4,296	7,441,782	4,036

(*) Tin content of exported tin concentrates.

TITANIUM ORE

Table 29.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1945	14,147	67,575	1950	1,253	7,706
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	7,500	17,312

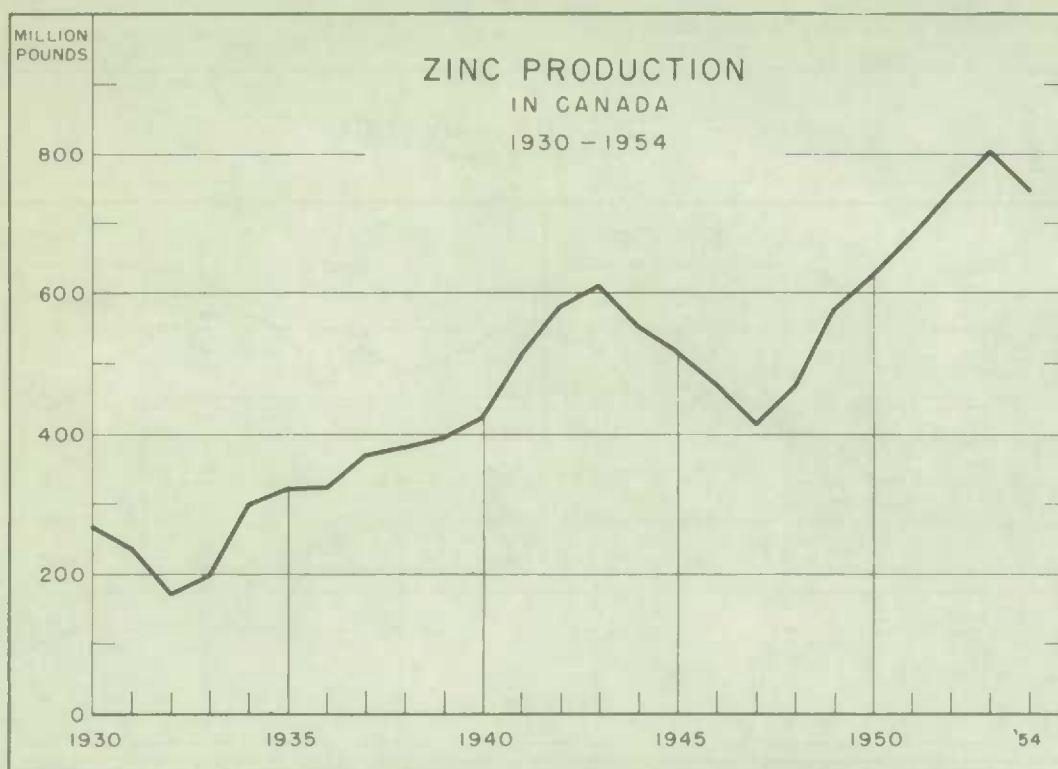
TUNGSTEN

Table 30.

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude	WO ₃ content (Pounds)	\$	Pounds	\$
1945	1,153	792	1,045	3,900	3,362
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	—	2,000,732	3,596,387	294,312	244,473

Table 31. **ZINC**

Year	Production, primary zinc in all forms		Production, refined zinc	Consumption, refined zinc	Exports			
	Tons	\$			Tons	Zinc contained in ore		Refined zinc
			Tons	\$		Tons	\$	
1945.....	258,607	33,308,556	183,317	55,663	91,780	5,540,384	121,960	14,122,706
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.....	288,264	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.....	373,859	89,277,569	214,696	46,735	180,172	18,838,888	206,038	39,188,377



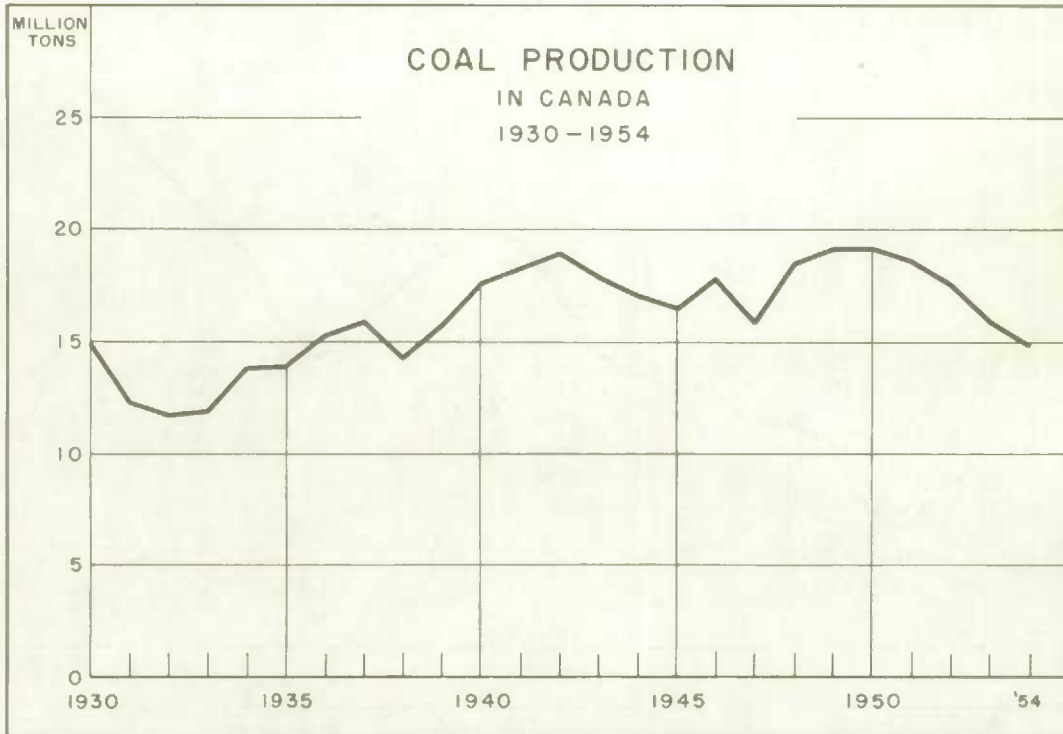
FUELS

Table 32. **COAL**

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1945.....	16,506,713	67,588,402	25,061,556	102,431,974	840,708	5,303,543
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.....	14,825,000	96,078,000	18,708,152	106,378,808	219,346	1,716,435

Table 33. Coal Production, by Provinces, 1953 and 1954

Province	1953		1954	
	Tons	\$	Tons	\$
Nova Scotia.....	5,787,028	51,997,545	5,794,000	51,480,000
New Brunswick.....	721,252	5,747,073	774,000	6,113,000
Saskatchewan.....	2,021,304	3,834,455	2,112,000	3,956,000
Alberta.....	5,917,474	32,110,429	4,871,000	26,569,000
British Columbia.....	1,443,006	8,862,837	1,258,000	7,735,000
Yukon.....	10,611	169,736	16,000	225,000
Canada.....	15,900,673	102,721,875	14,825,000	96,078,000



NATURAL GAS

Table 34.

Year	Production		Year	Production	
	M cu. ft.	\$		M cu. ft.	\$
1945.....	48,411,585	12,309,564	1950.....	67,822,230	6,433,041
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.....	122,854,500	12,683,200

Table 35. Natural Gas Production, by Provinces, 1953 and 1954

Province	1953		1954	
	M cu.ft.	\$	M cu.ft.	\$
New Brunswick	117, 112	131, 366	183, 500	136, 125
Ontario	9, 708, 969	3, 883, 588	10, 120, 000	4, 048, 000
Saskatchewan	1, 422, 128	127, 992	3, 300, 000	297, 000
Alberta	89, 651, 605	6, 723, 870	109, 221, 000	8, 191, 575
Northwest Territories	26, 109	10, 199	30, 000	10, 500
Canada	100, 985, 923	10, 877, 017	122, 854, 000	12, 683, 200

CRUDE PETROLEUM

Table 36.

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
1945	8, 482, 796	13, 632, 248	1950	29, 043, 788	84, 619, 937
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	95, 480, 100	245, 995, 500

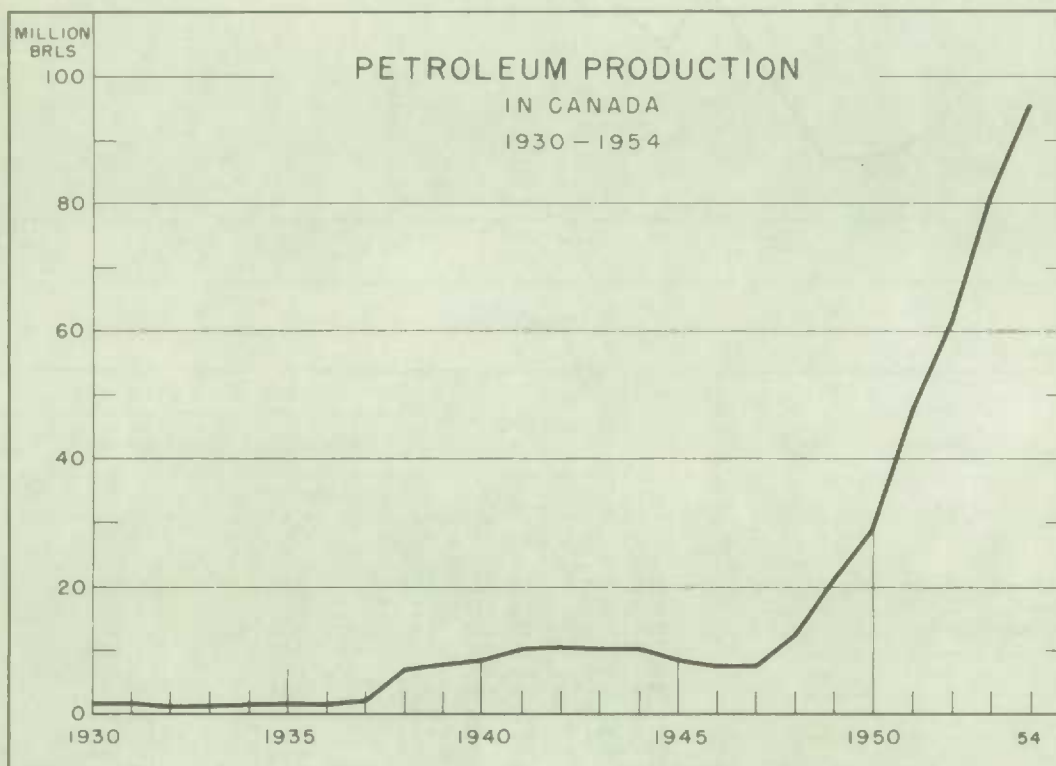
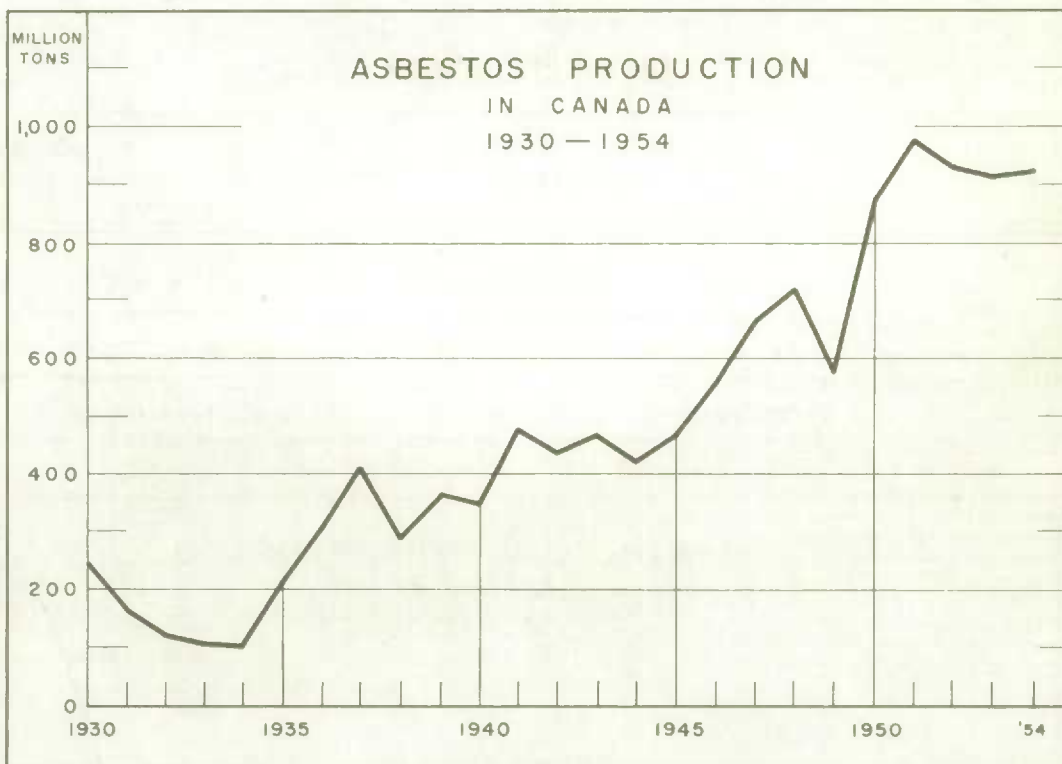


Table 37. Crude Petroleum Production, by Provinces, 1953 and 1954

Province	1953		1954	
	Barrels	\$	Barrels	\$
New Brunswick	14,738	20,633	12,900	18,060
Ontario	299,685	994,835	410,200	1,378,270
Manitoba	653,514	1,714,806	2,090,000	5,663,900
Saskatchewan	2,797,888	3,833,107	5,000,000	8,250,000
Alberta	76,816,383	193,761,644	87,600,000	230,388,000
Northwest Territories	316,689	257,251	367,000	297,270
Canada	80,898,897	200,582,276	95,480,100	245,995,500

NON-METALLIC MINERALS



ASBESTOS

Table 38.

Year	Production		Exports		
	Tons	\$	Crude	Milled fibres	Waste, refuse or shorts
			Tons	Tons	Tons
1945	466,897	22,805,157	863	209,765	229,929
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	926,883	83,079,931	641	312,844	574,243

ARSENIOS OXIDE

Table 39.

Year	Production (crude and refined) ¹		Exports (crude and refined) ¹	
	Pounds	\$	Pounds	\$
1945	2,045,730	130,909	1,997,900	107,120
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	443,900	18,800	1,422,600	58,871

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 40.

Year	Production		Imports	
	Tons	\$	Tons	\$
1945	139,589	1,211,403	1,150	32,531
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	222,519	2,160,469	1,236	39,264

FELDSPAR

Table 41.

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1945	30,246	282,656	826	15,052	16,888	125,028
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	15,439	307,741	398	8,078	1,056	28,206

FLUORSPAR

Table 42.

Year	Production		Imports	
	Tons	\$	Tons	\$
1945	7,369	233,703	20,512	530,670
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	684,963
1953	88,569	2,670,585	20,161	546,915
1954	120,078	3,011,938	16,240	382,935

GRAPHITE

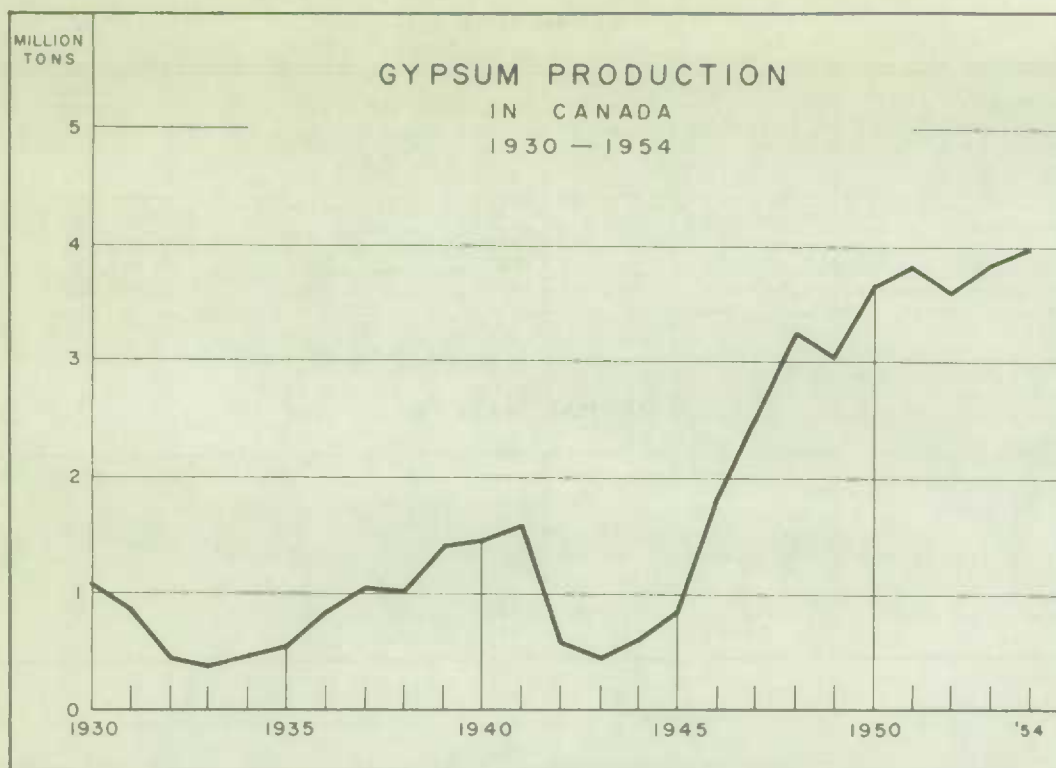
Table 43.

Year	Production		Imports			Exports
	Tons	\$	Plumbago, not ground or otherwise manufactured	Crucibles, plumbago	Plumbago, ground and manufactures of, n.o.p.	\$
1945	1,910	179,001	66,869	115,256	277,242	124,295
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	333,979	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	356,528	125,740	217,066	481,982	320,388
1954	1,626	165,000	54,335	156,516	548,824	199,312

GYPSUM

Table 44.

Year	Production		Exports of crude gypsum	
	Tons	\$	Tons	\$
1945	839,781	1,783,290	558,632	581,625
1946	1,810,937	3,671,503	1,488,710	1,593,951
1947	2,496,984	4,734,853	1,936,990	2,043,055
1948	3,216,809	5,548,245	2,517,271	2,702,870
1949	3,014,249	5,423,290	2,544,617	2,636,871
1950	3,666,336	6,707,506	2,969,974	3,061,442
1951	3,802,692	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	7,399,884	2,769,990	3,794,083
1954	3,957,268	7,054,036	2,830,945	4,204,603



IRON OXIDES

Table 45.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1945	10,314	172,053	1950	13,696	262,632
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	5,799	181,073

MAGNESITIC-DOLOMITE AND BRUCITE

Table 46.

Year	Production, magnesitic-dolomite and brucite	Imports of dead-burned, sintered and calcined magnesite		Exports of dead-burned refractories	
	\$	Tons	\$	Tons	\$
1945	1,278,596	4,007	279,910	1,550	82,483
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
1948	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	6,526	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	4,008,678 ¹	6,116	405,900	7,887	537,542

1. Includes some magnesium metal.

Table 47.

MICA

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1945	7,044,221	233,270	1950	3,879,209	252,611
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	1,503,229	90,479

Table 48.

MINERAL WATERS

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
1945	244,761	126,499	1950	318,829	158,897
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	310,300	165,150

Table 49.

NEPHELINE SYENITE

Year	Production		Exports	
	Tons	\$	Tons	\$
1945	61,345	275,766	48,351	153,311
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	120,484	1,740,000	83,952	1,269,098

Table 50.

PEAT MOSS

Year	Production		Exports	
	Tons	\$	Tons	\$
1945	83,963	2,011,139	76,409	2,625,514
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	87,257	2,986,961	87,333	4,499,952

PHOSPHATE ROCK

Table 51.

Year	Production		Imports	
	Tons	\$	Tons	\$
1945	299	4,356	317,695	1,450,580
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

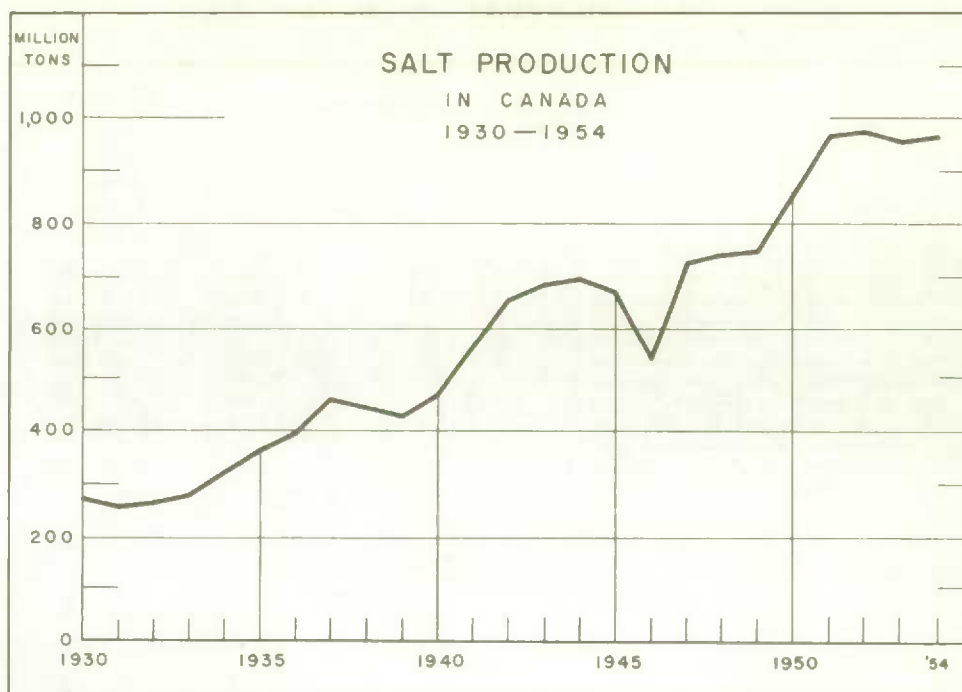
QUARTZ

Table 52.

Year	Production of quartz, quartzite, etc.		Exports of quartzite	
	Tons	\$	Tons	\$
1945	1,513,628	1,535,458	121,435	282,578
1946	1,413,378	1,554,798	200,316	441,976
1947	1,836,428	1,796,612	223,240	489,129
1948	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	1,742,951	1,589,254	162,374	547,821

Table 53.

Year	Imports, ganister		Imports of silex or crystallized quartz, ground or underground		Imports of flint and ground flint stones		Imports, silica sand	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1945	426	3,384	7,250	247,393	711	20,550	410,427	926,648
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	1,980,064	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



SALT

Table 54.

Year	Production					
	Commercial salt		Salt for chemicals ¹		TOTAL	
	Tons	\$	Tons	\$	Tons	\$
1945	324,588	3,505,484	348,388	549,236	673,076	4,054,720
1946	290,074	3,232,128	247,911	394,037	537,935	3,626,165
1947	327,054	3,791,083	401,491	645,847	728,545	4,436,930
1948	370,560	4,203,030	370,697	542,908	741,261	4,836,023
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	7,905,077
1952					971,903	7,774,815
1953					954,928	6,974,501
1954					962,458	8,506,929

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

Table 55.

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	\$
1945	28,703	174,211	88,822	443,192	19,641	187,599	5,314	105,494
1946	49,858	316,648	136,092	627,932	40,822	361,295	5,864	116,483
1947	51,142	348,204	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

SODIUM CARBONATE (Natural)

Table 56.

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	\$	Tons	\$
1945	286	3,146	2,229	91,655
1946	—	—	5,340	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	—	—	50,093	1,577,142
1952	—	—	35,680	900,968
1953	—	—	110,704	3,146,748
1954	—	—	93,833	2,516,720

SODIUM SULPHATE (Natural)

Table 57.

Year	Production of natural sodium sulphate		Imports			
			Salt cake		Glauber's salt	
	Tons	\$	Tons	\$	Tons	\$
1944	102,421	987,842	20,459	195,105	777	21,960
1945	93,068	884,322	13,540	120,982	1,016	29,452
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	165,521	2,547,586	30,235	482,652	5,134	144,979

SULPHUR

Table 58.

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	\$
1944	248,088	1,755,739		235,955	3,875,649	90,836	353,441
1945	250,114	1,881,321		248,846	4,063,324	75,479	315,232
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	1,836,358		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	503,237	4,540,463	17,952	310,127	7,816,301	188,608	1,566,571

TALC AND SOAPSTONE

Table 59.

Year	Production				Imports of talc and soapstone		Exports of talc	
	Talc		Soapstone ¹		Tons	\$	Tons	\$
	Tons	\$	Tons	\$				
1945	12,863	141,194	14,225	153,694	6,388	131,863	7,363	100,114
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	13,000	160,000	12,680	141,738	12,392	397,985	3,609	48,753

1. Includes some low-grade talc.

TITANIUM DIOXIDE IN SLAG

Table 60.

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	82,386	3,680,077

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

CLAY PRODUCTS

Table 61.

Year	Production	Year	Production
	\$		\$
1945	8,913,092	1950	21,790,888
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	31,520,243

CEMENT

Table 62.

Year	Production		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
1945	8,471,679	14,246,480	32,653	141,539	281,944	535,012
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	1,336,216	3,738,981	23,910	111,351
1951	17,007,312	40,446,288	2,327,431	7,447,859	2,590	12,386
1952	18,520,538	43,059,470	2,913,981	9,068,181	4,306	20,586
1953	22,238,335	58,342,022	2,482,783	7,403,158	14,728	77,559
1954	22,552,788	59,405,097	2,292,200	6,316,890	123,702	496,058

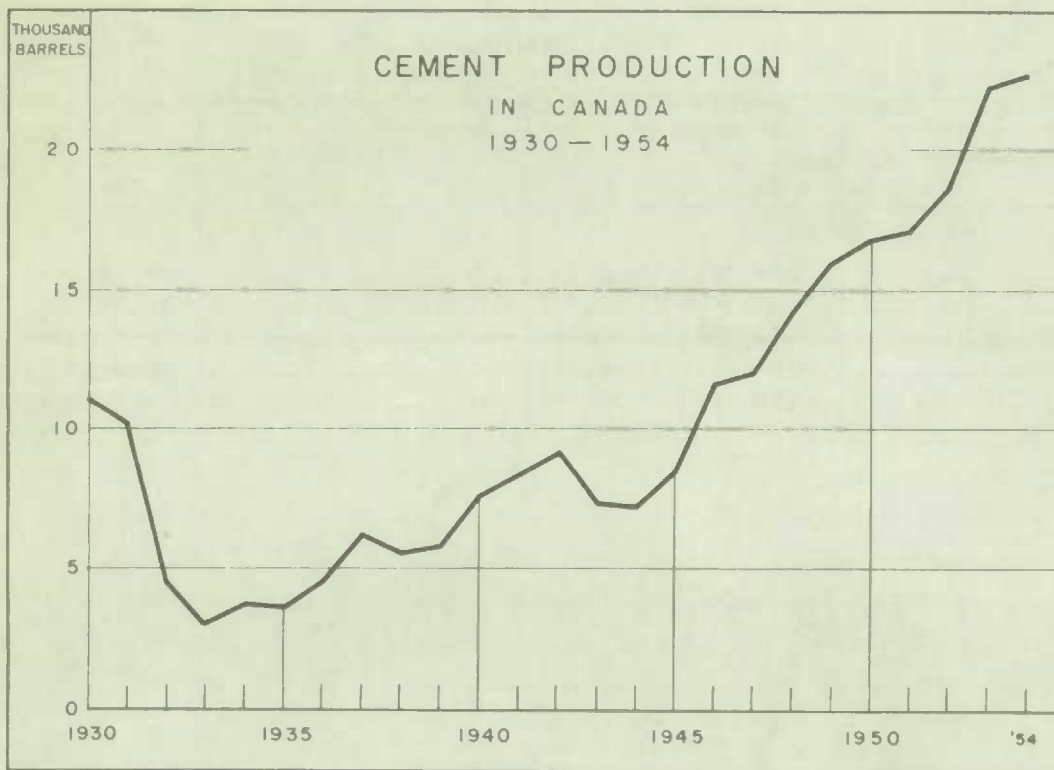


Table 63.

LIME

Year	Production					
	Quicklime		Hydrated lime		Total	
	Tons	\$	Tons	\$	Tons	\$
1945	708,173	5,579,868	124,080	945,170	832,253	6,525,038
1946	384,674	5,778,243	156,125	1,296,697	840,799	7,074,940
1947	301,886	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	982,589	11,387,428	253,352	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	—	—	—	—	1,228,780	14,484,013
1954	—	—	—	—	1,217,343	14,333,152

SAND AND GRAVEL

Table 64.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1945	29, 750, 703	10, 568, 363	1950	73, 095, 163	36, 434, 759
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	105, 430, 550	56, 884, 521

STONE

Table 65.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1945	6, 205, 555	8, 166, 700	1950	18, 087, 064	25, 895, 357
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	34, 212, 319	37, 242, 580

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