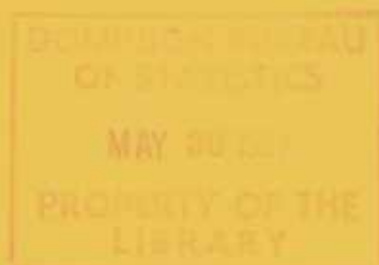


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PRELIMINARY REPORT ON
MINERAL PRODUCTION
1956



DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Mineral Statistics Section

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PRELIMINARY REPORT ON MINERAL PRODUCTION

1956

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

PRELIMINARY REPORT ON MINERAL PRODUCTION

1956

Two billion dollars was the valuation of the mineral production in Canada in 1956, according to a preliminary estimate prepared by the Dominion Bureau of Statistics at Ottawa. The increase over the preceding year amounted to \$272.4 millions or 15 per cent. In 1955 the value was \$1,795,310,796. Ontario contributed \$641 millions, Quebec's portion was \$427 millions and Alberta followed closely with \$409 millions. Crude petroleum was the leading commodity with a valuation of \$401.8 millions; copper was second with \$291.5 millions; nickel was worth \$223.3 millions and iron ore moved up into fourth place with \$156.3 millions.

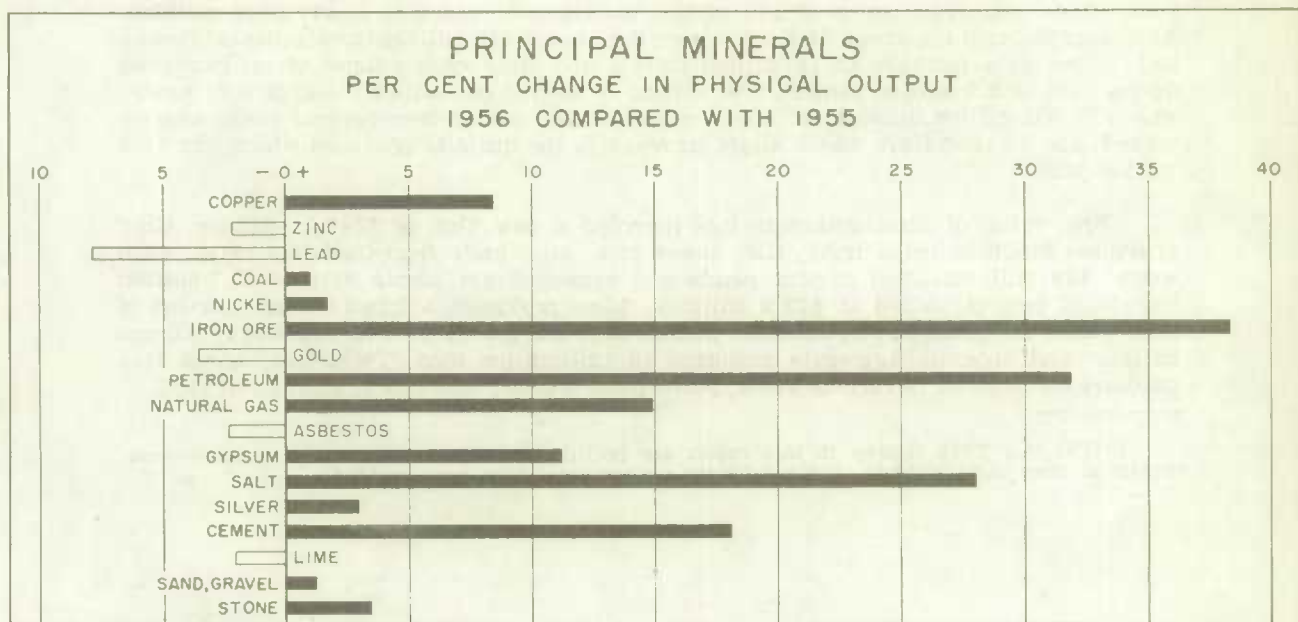
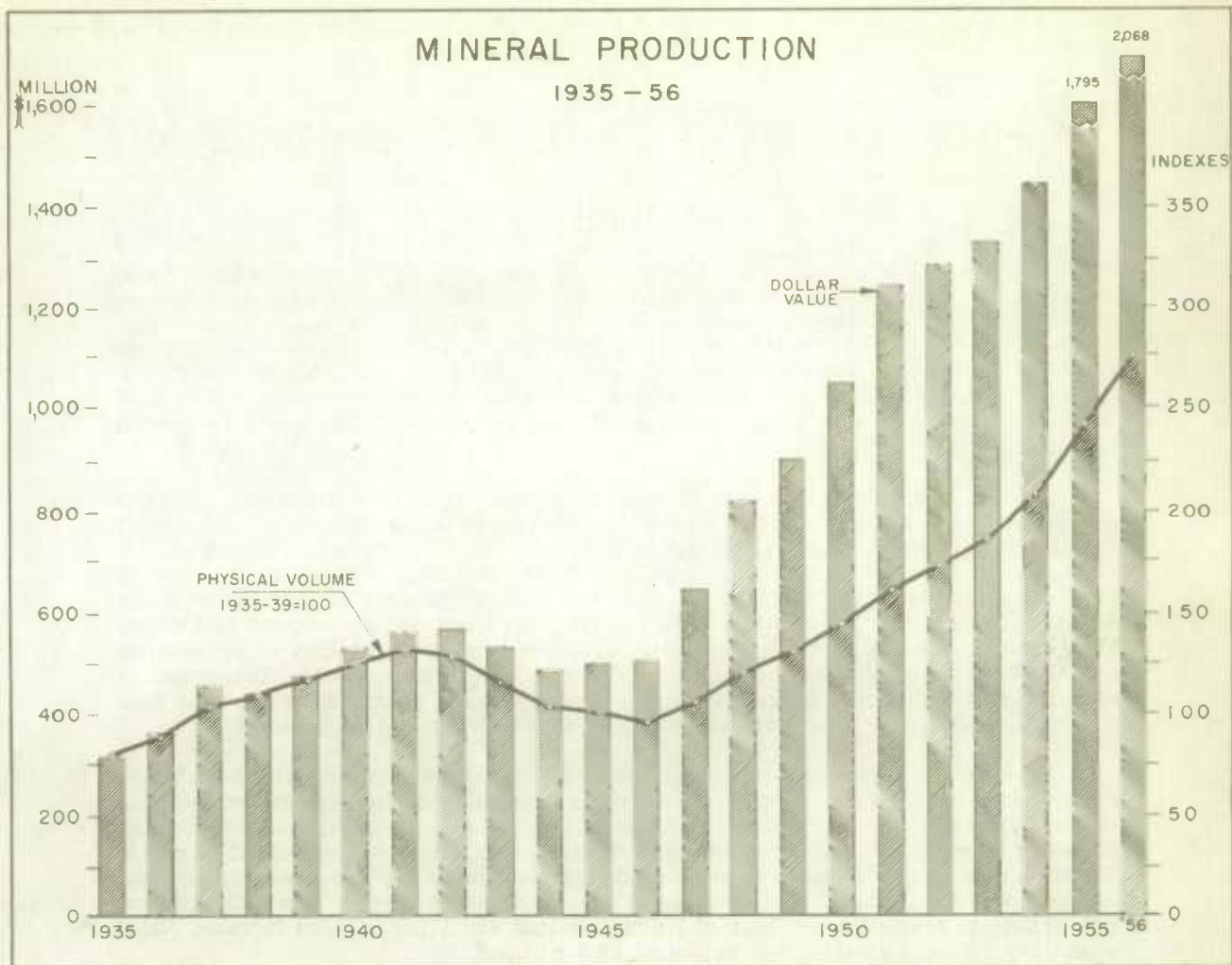
Metals were valued at \$1,134 millions, an increase of \$127 millions over the 1955 valuation of \$1,007,839,501. Higher prices for copper made the 353,293 tons worth \$291.5 millions. The volume of nickel was up about 2 per cent. Iron ore increased 6.3 million short tons to an all-time high of 22.5 million tons. There were fewer ounces of gold in 1956. The average price of gold was about the same as in 1955 despite the monetary exchange fluctuations during the latter part of the year. Lead output continued to decline; also there was a downward trend in the tonnage of zinc. The products of the uranium refinery were valued at \$39.6 millions. This was prorated with respect to the amount of material which the refinery processed from each province. Ontario's portion was \$5.9 millions, Saskatchewan \$24.3 millions and Northwest Territories \$9.4 millions.

Non-metallic minerals were worth \$171 millions in 1956 compared with \$144.9 millions in 1955. The tonnage of asbestos decreased but the price increase raised the total value to \$109 millions. Most of the 300 thousand tons of barite were mined in Nova Scotia. Fluorspar from Newfoundland exceeded 150 thousand tons. About 85 per cent of Canada's 5 million tons of gypsum came from Nova Scotian deposits. All of the lithia, 2,400 tons, was produced in Quebec. Nepheline syenite from Ontario was worth nearly \$2.5 millions. Salt shipments reached a new high of 1.6 million tons and \$13.9 millions in value. Slag, containing titanium dioxide, was valued at \$6.7 millions.

Mineral fuels were \$100 millions higher in total value in 1956 than in the preceding year. Crude petroleum output of 170 million barrels was valued at nearly \$402 millions. Alberta production increased 31 million barrels to reach 144 million barrels. Saskatchewan had 70 per cent increase to 19 million barrels and Manitoba's volume of oil increased 43 per cent to 5.9 million barrels. The volume of natural gas utilized, output less waste, was 173,260 million cubic feet. The decline in coal output over several years was reversed, and in 1956 there was a slight increase in the quantity produced which was 14.9 million tons.

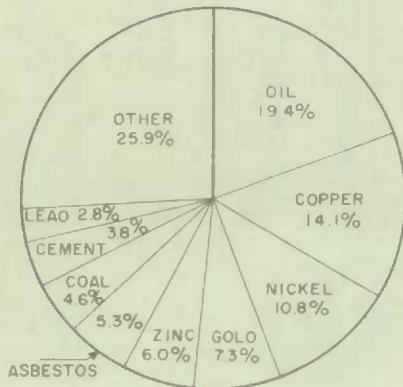
The value of structural materials recorded a new high of \$247.2 millions. Clay products, which includes brick, tile, sewer pipe, etc., made from Canadian clays, were worth \$38 millions. New cement plants and expanded old plants shipped 29.7 million barrels of cement valued at \$77.9 millions. Lime producers shipped a large portion of their output to industrial and chemical plants. Sand and gravel used for highways, railroad ballast and concrete aggregate amounted to 129 million tons. There were about 31.5 million tons of stone of various sizes, pulverized, crushed and block, shipped in 1956.

NOTE: All 1956 figures in this report are preliminary and are subject to revision upon receipt of more complete data. Figures for the earlier years have been revised.



MINERAL PRODUCTION, 1956

2,068 MILLION DOLLARS



MILLION TONS

60
50
40
30
20
10
0

TONNAGE OF METALLIC ORES MINED 1922 — 1955

VALUE OF PRODUCTION

1922 1925 1930 1935 1940 1945 1950 1955

MILLION \$

1000
900
800
700
600
500
400
300
200
100
0

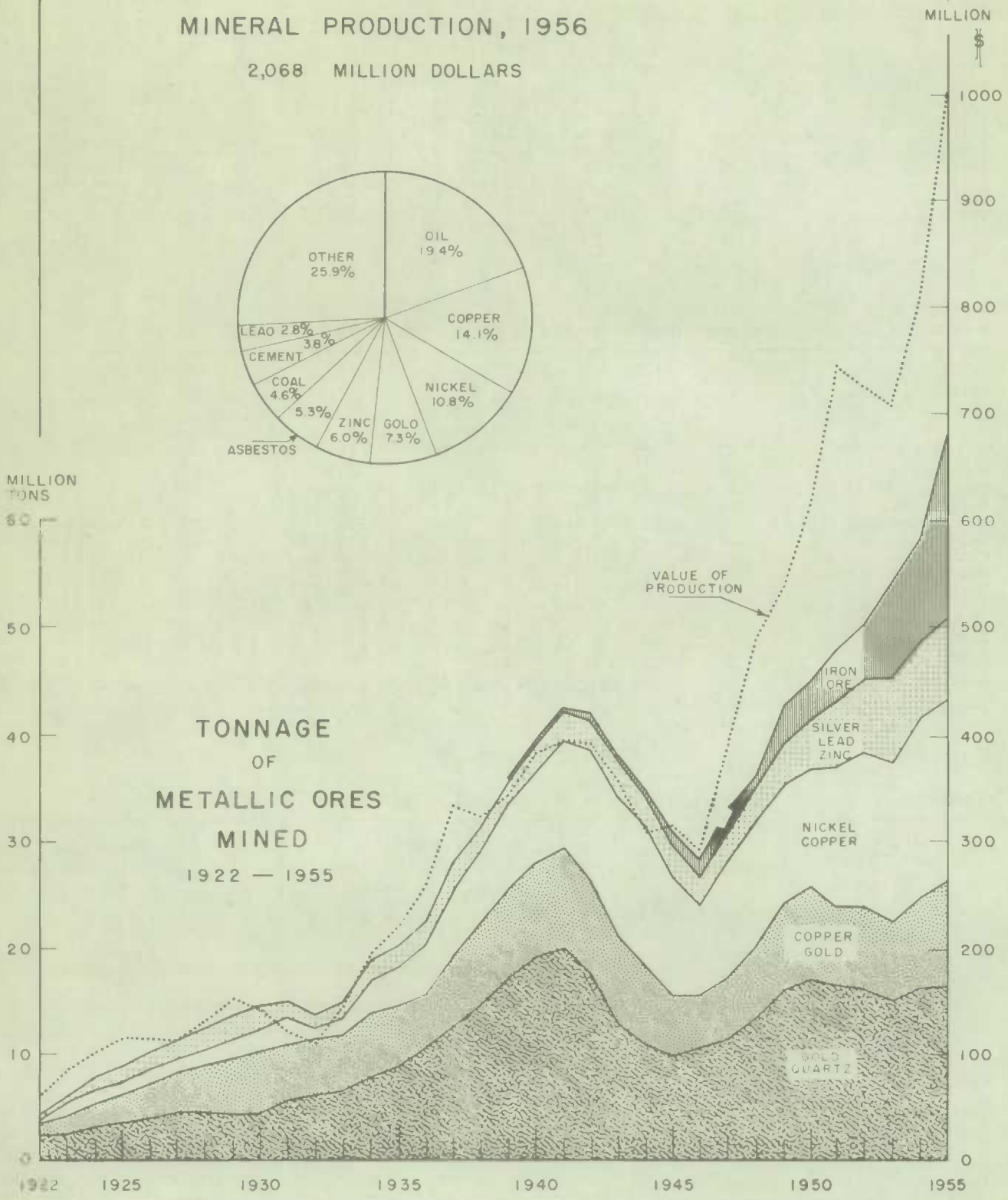


Table 1. Value of Mineral Production of Canada, by Classes, 1947-1956

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	TOTAL
	(dollars)				
1947	395,140,994	54,670,989	110,481,207	84,576,785	644,869,975
1948	488,287,835	67,097,524	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	745,877,561	115,418,150	232,854,093	151,333,791	1,245,483,595
1952	728,458,160	124,493,256	263,582,319	168,808,618	1,285,342,353
1953	709,920,510	124,999,607	314,181,168	187,202,218	1,336,303,503
1954	802,401,423	128,038,507	352,959,465	204,982,696	1,488,382,091
1955	1,007,839,501	144,920,841	414,318,015	228,232,439	1,795,310,796
1956	1,134,354,370	171,241,069	514,850,071	247,253,586	2,067,699,096

Table 2. Mineral Production of Canada, by Provinces, 1954-1956

Province	1954		1955		1956	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland	42,898,033	2.9	68,462,956	3.8	87,752,025	4.2
Nova Scotia	73,450,898	4.9	67,133,539	3.7	66,625,229	3.2
New Brunswick	12,468,322	0.8	15,759,744	0.9	18,171,654	0.9
Quebec	278,818,070	18.7	357,010,045	19.9	426,608,242	20.6
Ontario	496,747,571	33.4	583,954,682	32.5	640,915,058	31.0
Manitoba	35,106,922	2.4	62,018,231	3.5	66,711,747	3.2
Saskatchewan	68,216,009	4.6	85,150,128	4.7	114,103,316	5.5
Alberta	279,042,735	18.7	325,974,326	18.2	408,865,422	19.8
British Columbia	158,630,867	10.7	189,524,574	10.6	199,318,374	9.7
Northwest Territories	26,414,000	1.8	25,597,821	1.4	22,949,122	1.1
Yukon	16,588,684	1.1	14,724,750	0.8	15,678,907	0.8
TOTAL	1,488,382,091	100.0	1,795,310,796	100.0	2,067,699,096	100.0

Table 3. Mineral Production of Canada, by Kinds, 1955 and 1956

	Unit of measure	1955		1956	
		Quantity	Value	Quantity	Value
Metallics			\$		\$
Antimony	lb.	2,021,726	563,345	1,820,000	576,300
Bismuth	lb.	265,896	572,362	273,007	494,157
Cadmium	lb.	1,919,081	3,262,439	2,258,184	3,838,913
Cerium, Rare earths	lb.	...	988	...	...
Cobalt	lb.	3,318,637	8,563,700	3,685,956	9,372,760
Columbium (Cb ₂ O ₅)	lb.	42	1,032	...	...
Copper	lb.	651,987,423	239,756,455	706,585,547	291,469,615
Gold	troy oz.	4,541,962	156,788,528	4,378,862	150,808,010
Indium	troy oz.	104,774	232,598	358,000	805,500
Iron ore	ton	16,283,177	110,435,850	22,526,311	156,327,885
Iron ingots	ton	115,955	4,831,845	157,000	6,339,000
Lead	lb.	405,525,038	58,314,500	373,349,541	57,906,514
Magnesium and calcium	—	...	6,585,409	...	5,617,826
Manganese ore	—	—	—	...	1,900

Table 3. Mineral Production of Canada, by Kinds, 1955 and 1956 - Concluded

	Unit of measure	1955		1956	
		Quantity	Value	Quantity	Value
			\$		\$
Metallics - Concluded					
Mercury	lb.	75	250	-	-
Molybdenite (MoS ₂)	lb.	1,389,177	823,954	1,452,028	967,461
Nickel	lb.	349,856,997	215,866,007	355,986,460	223,343,992
Palladium, iridium, etc.	troy oz.	214,252	8,321,633	161,600	6,495,065
Platinum	troy oz.	170,494	14,747,732	150,000	15,585,000
Selenium	lb.	427,109	3,203,319	508,000	6,858,000
Silver	troy oz.	27,984,204	24,676,472	28,794,573	25,831,612
Tantalum (Ta ₂ O ₅)	lb.	390	9,760	-	-
Tellurium	lb.	9,014	15,774	24,000	42,000
Thallium	lb.	275	378	-	-
Tin	lb.	492,781	408,030	611,000	521,550
Titanium ore	ton	1,464	10,634	4,443	37,100
Tungsten (WO ₃)	lb.	1,942,770	5,508,437	2,206,662	6,060,992
Uranium	-	...	26,031,604	...	39,577,000
Zinc	lb.	866,714,038	118,306,466	847,239,825	125,476,218
Total metallics	-	...	1,007,839,501	...	1,134,354,370
Non-metallics					
Arsenious oxide	lb.	1,571,787	69,159	2,624,757	86,617
Asbestos	ton	1,063,802	96,191,317	1,038,975	109,665,924
Barite	ton	253,736	2,277,166	307,808	2,509,199
Diatomite	ton	16	352	-	-
Feldspar	ton	18,152	355,879	17,763	365,370
Fluorspar	ton	128,114	2,708,437	151,738	3,835,565
Graphite	-	-	-	-	-
Grindstones	ton	10	1,500	-	-
Gypsum	ton	4,667,901	8,037,153	5,192,805	8,300,585
Iron oxides	ton	7,702	162,512	7,757	170,135
Lithia	lb.	114,376	61,752	4,800,000	2,640,000
Magnesitic-dolomite and brucite	-	...	2,151,820	...	2,412,000
Mica	lb.	1,640,708	77,541	1,184,542	73,622
Mineral waters	gal.	306,683	160,510	303,500	157,000
Nepheline syenite	ton	146,068	2,099,512	179,381	2,489,633
Peat, moss	ton	117,579	3,485,287	125,074	3,708,191
Quartz	ton	1,869,913	2,039,575	2,114,415	2,781,236
Salt	ton	1,244,761	10,122,299	1,593,131	13,916,532
Silica brick	M	4,763	602,625	5,576	705,077
Soapstone and talc	ton	27,160	338,967	29,030	358,750
Sodium sulphate	ton	178,888	2,799,715	179,438	2,854,223
Sulphur (pyrite and smelter)	ton	628,443	5,984,953	763,736	7,440,410
Titanium dioxide	ton	117,042	5,192,810	152,500	6,771,000
Total non-metallics	-	...	144,920,841	...	171,241,069
Fuels					
Coal	ton	14,818,880	93,579,471	14,915,033	95,466,866
Natural gas	M cu.ft.	150,772,312	15,098,508	173,260,500	17,542,555
Peat	-	-	-	-	-
Petroleum, crude	bbl.	129,440,247	305,640,036	170,569,200	401,840,650
Total fuels	-	...	414,318,015	...	514,850,071
Structural materials					
Clay products (brick, tile, etc.)	-	...	35,259,770	...	38,062,112
Cement	bbl.	25,168,464	65,650,025	29,719,377	77,876,046
Lime	ton	1,331,118	15,810,904	1,303,889	15,328,917
Sand and gravel	ton	127,524,474	67,775,053	128,995,782	72,637,049
Stone	ton	30,512,920	43,736,687	31,549,706	43,349,462
Total structural materials	-	...	228,232,439	...	247,253,586
GRAND TOTAL	-	...	1,795,310,796	...	2,067,699,096

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1956

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	138, 574
4		\$	—	—	—	223, 182
5	Cadmium	lb.	—	—	—	—
6		\$	—	—	—	—
7	Cerium, Rare earths	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Copper	lb.	6, 805, 870	714, 604	31, 150	244, 918, 466
12		\$	2, 817, 630	295, 846	12, 896	101, 396, 247
13	Gold	oz.	8, 400	1, 036	—	1, 032, 252
14		\$	289, 296	35, 680	—	35, 550, 759
15	Indium	oz.	—	—	—	—
16		\$	—	—	—	—
17	Iron ore	ton	8, 751, 741	—	—	7, 795, 200
18		\$	57, 699, 008	—	—	56, 203, 392
19	Iron (remelt)	ton	—	—	—	157, 000
20		\$	—	—	—	6, 339, 000
21	Lead	lb.	46, 594, 650	1, 168, 764	485, 070	5, 628, 959
22		\$	7, 226, 830	181, 275	75, 234	873, 052
23	Magnesium and calcium	lb.	—	—	—	—
24		\$	—	—	—	1, 230, 000
25	Manganese ore	ton	—	—	—	—
26		\$	—	—	—	—
27	Molybdenite (MoS ₂)	lb.	—	—	—	1, 452, 028
28		\$	—	—	—	967, 461
29	Nickel	lb.	—	—	—	—
30		\$	—	—	—	—
31	Palladium, rhodium, etc.	oz.	—	—	—	—
32		\$	—	—	—	—
33	Platinum	oz.	—	—	—	—
34		\$	—	—	—	—
35	Selenium	lb.	—	—	—	270, 000
36		\$	—	—	—	3, 645, 000
37	Silver	oz.	919, 410	79, 054	7, 809	4, 135, 831
38		\$	824, 803	70, 919	7, 005	3, 710, 254
39	Tellurium	lb.	—	—	—	—
40		\$	—	—	—	—
41	Tin	lb.	—	—	—	—
42		\$	—	—	—	—
43	Titanium ore	ton	—	—	—	4, 443
44		\$	—	—	—	37, 100
45	Tungsten (WO ₃)	lb.	—	—	6, 662	—
46		\$	—	—	10, 992	—
47	Uranium .....	...	—	—	—	—
48		\$	—	—	—	—
49	Zinc	lb.	74, 280, 000	2, 846, 750	354, 360	175, 809, 222
50		\$	11, 000, 868	421, 604	52, 481	26, 037, 345
51	Total metals	\$	79, 858, 435	1, 005, 324	158, 608	236, 212, 792
Non-metallics						
52	Arsenious oxide	lb.	—	—	—	—
53		\$	—	—	—	—
54	Asbestos	ton	—	—	—	989, 948
55		\$	—	—	—	98, 760, 505
56	Barite	ton	—	296, 318	—	—
57		\$	—	2, 248, 769	—	—
58	Diatomite	ton	—	—	—	—
59		\$	—	—	—	—
60	Feldspar	ton	—	—	—	17, 763
61		\$	—	—	—	365, 370
62	Fluorspar	ton	151, 500	—	—	—
63		\$	3, 824, 500	—	—	—
64	Graphite	ton	—	—	—	—
65		\$	—	—	—	—
66	Grindstone	ton	—	—	—	—
67		\$	—	—	—	—

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1956 - Concluded

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded						
1	Gypsum	ton	40,000	4,434,406	79,069	-
2		\$	120,000	6,497,326	350,000	-
3	Iron oxide	ton	-	-	-	7,757
4		\$	-	-	-	170,135
5	Lithia	lb.	-	-	-	4,800,000
6		\$	-	-	-	2,640,000
7	Magnesitic dolomite and brucite	ton	-	-	-	...
8		\$	-	-	-	2,412,000
9	Mica	lb.	-	-	-	948,692
10		\$	-	-	-	63,253
11	Mineral water	gal.	-	-	-	300,000
12		\$	-	-	-	155,000
13	Nepheline syenite	ton	-	-	-	-
14		\$	-	-	-	-
15	Peat, moss	ton	-	1,004	8,225	42,213
16		\$	-	25,347	235,850	856,771
17	Quartz	ton	-	-	-	344,596
18		\$	-	-	-	1,280,742
19	Salt	ton	-	127,864	-	-
20		\$	-	2,267,016	-	-
21	Silica brick	M	-	1,541	-	-
22		\$	-	346,972	-	-
23	Soapstone and talc	ton	930	-	-	15,500
24		\$	12,750	-	-	175,000
25	Sodium sulphate	ton	-	-	-	-
26		\$	-	-	-	-
27	Sulphur (pyrite and smelter)	ton	-	-	-	...
28		\$	54,420	-	-	3,122,490
29	Titanium dioxide	ton	-	-	-	152,500
30		\$	-	-	-	6,771,000
31	Total non-metallics	\$	4,011,670	11,385,430	585,850	116,772,266
Fuels						
32	Coal	ton	-	5,787,915	983,482	-
33		\$	-	51,029,641	7,920,930	-
34	Natural gas	M cu. ft.	-	-	185,000	-
35		\$	-	-	138,750	-
36	Peat	ton	-	-	-	-
37		\$	-	-	-	-
38	Petroleum, crude	bbl.	-	-	22,300	-
39		\$	-	-	31,200	-
40	Total fuels	\$	-	51,029,641	8,090,880	-
Structural materials						
41	Clay products	\$	49,000	1,185,301	751,600	9,501,527
42	Cement	bbl.	500,000	-	915,000	10,805,439
43		\$	1,800,000	-	2,470,000	27,154,084
44	Lime	ton	-	-	18,313	457,696
45		\$	-	-	397,346	4,253,502
46	Sand and gravel	ton	2,457,271	1,225,029	6,360,372	36,224,137
47		\$	1,419,929	1,172,529	3,877,653	15,194,396
48	Stone	ton	319,445	380,509	2,092,574	12,186,098
49		\$	612,991	847,004	1,839,717	17,519,675
50	Total structural materials	\$	3,881,920	3,204,834	9,336,316	73,623,184
51	Grand total, 1956	\$	87,752,025	66,625,229	18,171,654	426,608,242
52	Grand total, 1955	\$	68,462,956	67,133,539	15,759,744	357,010,045

Table 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1956 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
377,932	180,000	—	—	81,398	—	—	5,192,805	1
870,000	302,000	—	—	161,259	—	—	8,300,585	2
—	—	—	—	—	—	—	7,757	3
—	—	—	—	—	—	—	170,135	4
—	—	—	—	—	—	—	4,800,000	5
—	—	—	—	—	—	—	2,640,000	6
—	—	—	—	—	—	—	...	7
—	—	—	—	—	—	—	2,412,000	8
35,850	—	—	—	200,000	—	—	1,184,542	9
9,269	—	—	—	1,100	—	—	73,622	10
3,500	—	—	—	—	—	—	303,500	11
2,000	—	—	—	—	—	—	157,000	12
179,381	—	—	—	—	—	—	179,381	13
2,489,633	—	—	—	—	—	—	2,489,633	14
3,957	5,880	—	—	63,795	—	—	125,074	15
89,046	239,075	—	—	2,262,102	—	—	3,708,191	16
1,535,835	—	187,734	—	46,250	—	—	2,114,415	17
1,232,129	—	93,490	—	174,875	—	—	2,781,236	18
1,358,692	22,400	42,905	41,270	—	—	—	1,593,131	19
9,002,376	570,000	1,216,000	861,140	—	—	—	13,916,532	20
4,035	—	—	—	—	—	—	5,576	21
358,105	—	—	—	—	—	—	705,077	22
12,600	—	—	—	—	—	—	29,030	23
171,000	—	—	—	—	—	—	358,750	24
—	—	179,438	—	—	—	—	179,438	25
—	—	2,854,223	—	—	—	—	2,854,223	26
—	—	—	—	—	—	—	763,736	27
1,536,000	—	—	...	2,727,500	—	—	7,440,410	28
—	—	—	—	—	—	—	152,500	29
—	—	—	—	—	—	—	6,771,000	30
19,707,240	1,111,075	4,163,713	861,140	12,642,685	—	—	171,241,069	31
—	—	2,302,948	4,361,274	1,469,791	—	9,623	14,915,033	32
—	—	4,212,681	23,512,617	8,677,337	—	113,660	95,466,866	33
12,882,500	—	10,000,000	150,000,000	172,000	21,000	—	173,260,500	34
5,153,000	—	975,000	11,250,000	18,455	7,350	—	17,542,555	35
—	—	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	37
603,900	5,885,000	19,200,000	144,300,000	101,000	457,000	—	170,569,200	38
1,984,000	13,653,200	31,100,000	353,535,000	197,250	1,340,000	—	401,840,650	39
7,137,000	13,653,200	36,287,681	388,297,617	8,893,042	1,347,350	113,660	514,850,071	40
19,864,542	537,300	1,026,567	3,055,020	2,091,255	—	—	38,062,112	41
8,421,000	3,140,000	—	3,690,000	2,247,938	—	—	29,719,377	42
21,650,000	8,541,000	—	9,951,000	6,309,962	—	—	77,876,046	43
676,461	59,992	—	39,743	51,684	—	—	1,303,889	44
8,368,243	952,167	—	456,308	901,351	—	—	15,328,917	45
55,738,020	4,618,715	4,322,255	6,862,407	11,187,576	—	—	128,995,782	46
33,926,948	1,588,968	1,954,604	5,969,041	7,532,981	—	—	72,637,049	47
14,157,687	298,670	—	48,773	2,065,950	—	—	31,549,706	48
17,905,093	1,118,900	—	271,185	3,234,897	—	—	43,349,462	49
101,714,826	12,738,335	2,981,171	19,702,554	20,070,446	—	—	247,253,586	50
640,915,058	66,711,747	114,103,316	408,865,422	199,318,374	22,949,122	15,678,907	2,067,699,096	51
583,954,682	62,018,231	85,150,128	325,974,326	189,524,574	25,597,821	14,724,750	1,795,310,796	52

Table 5. Final Statistics 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.	—	—	—	105,129
4		\$	—	—	—	210,636
5	Cadmium	lb.	—	—	—	—
6		\$	—	—	—	—
7	Cerium, Rare earths	lb.	—	—	—	—
8		\$	—	—	—	—
9	Columbium (Cb ₂ O ₅)	lb.	—	—	—	—
10		\$	—	—	—	—
11	Cobalt	lb.	—	—	—	—
12		\$	—	—	—	—
13	Copper	lb.	6,103,516	2,054,938	71,295	202,041,072
14		\$	2,250,672	757,758	26,290	74,502,645
15	Gold	oz.	6,337	3,880	—	1,154,522
16		\$	218,753	133,938	—	39,854,099
17	Indium	oz.	—	—	—	—
18		\$	—	—	—	—
19	Iron ore	ton	7,206,883	—	—	4,103,173
20		\$	45,701,801	—	—	27,164,396
21	Iron (remelt)	ton	—	—	—	115,955
22		\$	—	—	—	4,831,845
23	Lead	lb.	35,709,911	3,979,230	1,532,706	11,216,005
24		\$	5,135,085	572,213	220,403	1,612,862
25	Magnesium and calcium	lb.	—	—	—	6,547,665
26		\$	—	—	—	1,916,829
27	Mercury	lb.	—	—	—	—
28		\$	—	—	—	—
29	Molybdenite	lb.	—	—	—	1,389,177
30		\$	—	—	—	823,954
31	Nickel	lb.	—	—	—	—
32		\$	—	—	—	—
33	Palladium, rhodium, etc.	oz.	—	—	—	—
34		\$	—	—	—	—
35	Platinum	oz.	—	—	—	—
36		\$	—	—	—	—
37	Pitchblende, etc ¹	—	—	—	—	—
38		\$	—	—	—	—
39	Selenium	lb.	—	—	—	236,767
40		\$	—	—	—	1,775,753
41	Silver	oz.	701,792	262,067	25,087	4,786,695
42		\$	618,840	231,091	22,122	4,220,908
43	Tantalum (Ta ₂ O ₅)	lb.	—	—	—	—
44		\$	—	—	—	—
45	Tellurium	lb.	—	—	—	—
46		\$	—	—	—	—
47	Thallium	lb.	—	—	—	—
48		\$	—	—	—	—
49	Tin	lb.	—	—	—	—
50		\$	—	—	—	—
51	Titanium ore	ton	—	—	—	1,464
52		\$	—	—	—	10,634
53	Tungster. (WO ₃)	lb.	—	—	28,770	—
54		\$	—	—	47,470	—
55	Zinc	lb.	57,272,050	16,036,317	—	202,862,034
56		\$	7,817,635	2,188,957	—	27,690,668
57	Total metals	\$	61,742,786	3,883,957	316,285	184,615,229
Non-metallics						
58	Arsenious oxide	lb.	—	—	—	—
59		\$	—	—	—	—
60	Asbestos	ton	—	—	—	1,022,065
61		\$	—	—	—	88,607,804
62	Barite	ton	—	244,271	—	—
63		\$	—	2,038,341	—	—
64	Diatomite	ton	—	2	—	—
65		\$	—	72	—	—
66	Feldspar	ton	—	—	—	18,152
67		\$	—	—	—	355,879

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

Table 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1955

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	2,021,726	—	—	2,021,726	1
—	—	—	—	563,345	—	—	563,345	2
—	—	—	—	160,767	—	—	265,896	3
—	—	—	—	361,726	—	—	572,362	4
—	47,347	144,344	—	1,515,582	—	211,808	1,919,081	5
—	80,490	245,385	—	2,576,490	—	360,074	3,262,439	6
...	—	—	—	—	—	—	...	7
988	—	—	—	—	—	—	988	8
—	—	—	—	—	42	—	42	9
—	—	—	—	—	1,032	—	1,032	10
3,296,270	16,330	—	—	—	6,037	—	3,318,637	11
8,510,314	37,267	—	—	—	16,119	—	8,563,700	12
292,813,108	38,759,042	65,890,339	—	44,254,113	—	—	651,987,423	13
107,215,943	14,438,505	24,297,063	—	16,267,579	—	—	239,756,455	14
2,523,040	123,888	83,580	214	252,979	321,321	72,201	4,541,962	15
87,095,340	4,276,614	2,885,182	7,387	8,732,835	11,092,001	2,492,379	156,788,528	16
—	—	—	—	104,774	—	—	104,774	17
—	—	—	—	232,598	—	—	232,598	18
4,362,191	—	—	—	610,930	—	—	16,283,177	19
34,340,897	—	—	—	3,228,756	—	—	110,435,850	20
—	—	—	—	—	—	—	115,955	21
—	—	—	—	—	—	—	4,831,845	22
3,853,603	—	—	—	322,984,797	—	26,248,786	405,525,038	23
554,148	—	—	—	46,445,214	—	3,774,575	58,314,500	24
...	—	—	—	—	—	—	...	25
4,668,580	—	—	—	—	—	—	6,585,409	26
—	—	—	—	75	—	—	75	27
—	—	—	—	250	—	—	250	28
—	—	—	—	—	—	—	1,389,177	29
—	—	—	—	—	—	—	823,954	30
322,322,355	27,534,642	—	—	—	—	—	349,856,997	31
198,489,258	17,376,749	—	—	—	—	—	215,866,007	32
214,252	—	—	—	—	—	—	214,252	33
8,321,633	—	—	—	—	—	—	8,321,633	34
170,494	—	—	—	—	—	—	170,494	35
14,747,732	—	—	—	—	—	—	14,747,732	36
...	—	—	—	—	—	—	...	37
487,054	—	12,312,471	—	—	13,232,079	—	26,031,604	38
94,465	27,219	68,658	—	—	—	—	427,109	39
708,488	204,143	514,935	—	—	—	—	3,203,319	40
6,051,017	454,528	1,230,179	21	8,702,122	58,477	5,712,219	27,984,204	41
5,335,787	400,803	1,084,772	18	7,673,531	51,565	5,037,035	24,676,472	42
—	—	—	—	—	390	—	390	43
—	—	—	—	—	9,760	—	9,760	44
6,455	727	1,832	—	—	—	—	9,014	45
11,296	1,272	3,206	—	—	—	—	15,774	46
—	75	200	—	—	—	—	275	47
—	103	275	—	—	—	—	378	48
—	—	—	—	492,781	—	—	492,781	49
—	—	—	—	408,030	—	—	408,030	50
—	—	—	—	—	—	—	1,464	51
—	—	—	—	—	—	—	10,634	52
—	—	—	—	1,914,000	—	—	1,942,770	53
—	—	—	—	5,460,967	—	—	5,508,437	54
3,095,640	35,932,049	97,920,646	—	431,771,995	—	21,823,307	866,714,038	55
422,555	4,904,725	13,366,168	—	58,936,877	—	2,978,881	118,306,466	56
470,910,013	41,720,671	54,709,457	7,403	150,888,198	24,402,556	14,642,944	1,007,839,501	57
—	—	—	—	—	—	—	1,571,787	58
1,571,787	—	—	—	—	—	—	69,159	59
69,159	—	—	—	—	—	—	1,063,802	60
24,550	—	—	—	17,187	—	—	96,191,317	61
3,317,542	—	—	—	4,265,971	—	—	253,736	62
—	—	—	—	9,465	—	—	2,277,166	63
—	—	—	—	238,825	—	—	16	64
—	—	—	—	14	—	—	352	65
—	—	—	—	280	—	—	18,152	66
—	—	—	—	—	—	—	355,879	67

Table 5. Final Statistics 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	Fluorspar	ton	127,384	—	—	—
2		\$	2,678,641	—	—	—
3	Graphite	ton	—	—	—	—
4		\$	—	—	—	—
5	Grindstone	ton	—	—	10	—
6		\$	—	—	1,500	—
7	Gypsum	ton	46,459	3,838,847	90,096	—
8		\$	175,829	6,061,922	315,336	—
9	Iron oxide	ton	—	—	—	7,702
10		\$	—	—	—	162,512
11	Lithia	lb.	—	—	—	106,320
12		\$	—	—	—	58,480
13	Magnesitic domolite, brucite	ton	—	—	—	...
14		\$	—	—	—	2,151,820
15	Mica	lb.	—	—	—	1,095,034
16		\$	—	—	—	73,734
17	Mineral water	gal.	—	—	—	303,110
18		\$	—	—	—	158,495
19	Nepheline syenite	ton	—	—	—	—
20		\$	—	—	—	—
21	Peat, moss	ton	—	587	8,743	32,383
22		\$	—	7,903	234,599	638,696
23	Perlite	ton	—	—	—	—
24		\$	—	—	—	—
25	Quartz	ton	—	—	—	244,702
26		\$	—	—	—	791,606
27	Salt	ton	—	144,862	—	—
28		\$	—	1,808,302	—	—
29	Silica brick	M	—	1,265	—	—
30		\$	—	289,369	—	—
31	Soapstone and talc	ton	7	—	—	12,562
32		\$	120	—	—	143,895
33	Sodium sulphate	ton	—	—	—	—
34		\$	—	—	—	—
35	Sulphur	ton	—	—	—	...
36		\$	66,613	—	—	2,550,557
37	Titanium dioxide	ton	—	—	—	117,042
38		\$	—	—	—	5,192,810
39	Total non-metallics	\$	2,921,203	10,205,909	551,435	100,886,288
Fuels						
40	Coal	ton	—	5,731,026	877,838	—
41		\$	—	49,852,554	7,100,649	—
42	Natural gas	M cu.ft.	—	—	186,549	—
43		\$	—	—	138,450	—
44	Peat	ton	—	—	—	—
45		\$	—	—	—	—
46	Petroleum, crude	bbl.	—	—	12,548	—
47		\$	—	—	17,567	—
48	Total fuels	\$	—	49,852,554	7,256,666	—
Structural materials						
49	Clay products	\$	49,338	1,196,968	704,025	8,451,362
50	Cement	bbl.	468,030	—	872,659	9,497,629
51		\$	1,492,990	—	2,306,065	24,132,519
52	Lime	ton	—	—	18,861	461,805
53		\$	—	—	385,979	4,448,525
54	Sand and gravel	ton	3,142,226	1,156,710	5,731,835	36,722,008
55		\$	1,660,984	1,148,245	2,942,830	15,346,416
56	Stone	ton	333,982	367,320	1,075,230	12,633,335
57		\$	595,655	845,906	1,296,459	19,129,706
58	Total structural materials	\$	3,798,967	3,191,119	7,635,358	71,508,528
59	Grand total, 1955	\$	68,462,956	67,133,539	15,759,744	357,010,045
60	Grand total, 1954	\$	42,898,033	73,450,898	12,468,322	278,818,070

Table 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1955 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
730	--	--	--	--	--	--	128, 114	1
29, 796	--	--	--	--	--	--	2, 708, 437	2
--	--	--	--	--	--	--	--	3
--	--	--	--	--	--	--	--	4
--	--	--	--	--	--	--	10	5
--	--	--	--	--	--	--	1, 500	6
366, 416	176, 005	--	--	150, 078	--	--	4, 667, 901	7
308, 424	291, 708	--	--	383, 934	--	--	8, 037, 153	8
--	--	--	--	--	--	--	7, 702	9
--	--	--	--	--	--	--	162, 512	10
--	--	--	--	--	8, 056	--	114, 376	11
--	--	--	--	--	3, 272	--	61, 752	12
--	--	--	--	--	--	--	...	13
--	--	--	--	--	--	--	2, 151, 820	14
41, 374	--	--	--	504, 300	--	--	1, 640, 708	15
946	--	--	--	2, 861	--	--	77, 541	16
3, 573	--	--	--	--	--	--	306, 683	17
2, 015	--	--	--	--	--	--	160, 510	18
146, 068	--	--	--	--	--	--	146, 068	19
2, 099, 512	--	--	--	--	--	--	2, 099, 512	20
4, 284	6, 146	--	--	65, 436	--	--	117, 579	21
123, 862	190, 381	--	--	2, 289, 846	--	--	3, 485, 287	22
--	--	--	--	--	--	--	--	23
--	--	--	--	--	--	--	--	24
1, 421, 302	--	175, 640	--	28, 269	--	--	1, 869, 913	25
1, 032, 938	--	87, 820	--	127, 211	--	--	2, 039, 575	26
998, 789	18, 954	40, 748	41, 408	--	--	--	1, 244, 761	27
5, 845, 340	477, 614	976, 298	1, 014, 745	--	--	--	10, 122, 299	28
3, 498	--	--	--	--	--	--	4, 763	29
313, 256	--	--	--	--	--	--	602, 625	30
14, 591	--	--	--	--	--	--	27, 160	31
194, 952	--	--	--	--	--	--	338, 967	32
--	--	178, 888	--	--	--	--	178, 888	33
--	--	2, 799, 715	--	--	--	--	2, 799, 715	34
--	--	--	--	--	--	--	628, 443	35
571, 000	--	--	--	2, 796, 783	--	--	5, 984, 953	36
--	--	--	--	--	--	--	117, 042	37
--	--	--	--	--	--	--	5, 192, 810	38
14, 408, 742	959, 703	3, 863, 833	1, 014, 745	10, 105, 711	3, 272	--	144, 920, 841	39
--	--	2, 293, 816	4, 455, 279	1, 453, 881	--	7, 040	14, 818, 880	40
--	--	4, 309, 163	23, 559, 584	8, 675, 715	--	81, 806	93, 579, 471	41
10, 852, 857	--	6, 706, 743	133, 007, 493	--	18, 670	--	150, 772, 312	42
4, 341, 143	--	637, 140	9, 975, 562	--	6, 213	--	15, 098, 508	43
--	--	--	--	--	--	--	--	44
--	--	--	--	--	--	--	--	45
525, 510	4, 145, 756	11, 317, 168	113, 035, 046	--	404, 219	--	129, 440, 247	46
1, 599, 335	9, 618, 154	18, 317, 968	274, 901, 232	--	1, 185, 780	--	305, 640, 036	47
5, 940, 478	9, 618, 154	23, 264, 271	308, 436, 378	8, 675, 715	1, 191, 993	81, 806	414, 318, 015	48
18, 314, 320	635, 554	992, 307	2, 800, 481	2, 115, 415	--	--	35, 259, 770	49
7, 664, 434	1, 944, 194	--	2, 812, 623	1, 908, 895	--	--	25, 168, 464	50
19, 707, 042	5, 509, 812	--	7, 026, 722	5, 474, 875	--	--	65, 650, 025	51
698, 245	57, 510	--	38, 335	56, 362	--	--	1, 331, 118	52
8, 420, 382	886, 901	--	553, 526	1, 115, 591	--	--	15, 810, 904	53
51, 488, 067	5, 272, 676	5, 039, 682	7, 819, 933	11, 151, 337	--	--	127, 524, 474	54
29, 945, 730	1, 571, 103	2, 320, 260	5, 894, 341	6, 945, 144	--	--	67, 775, 053	55
12, 739, 139	228, 157	--	45, 659	3, 090, 098	--	--	30, 512, 920	56
16, 307, 975	1, 116, 333	--	240, 728	4, 203, 925	--	--	43, 736, 687	57
92, 695, 449	9, 719, 703	3, 312, 567	16, 515, 798	19, 854, 950	--	--	228, 232, 439	58
583, 954, 682	62, 018, 231	85, 150, 128	325, 974, 326	189, 524, 574	25, 597, 821	14, 724, 750	1, 795, 310, 796	59
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	60

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)					
1947.....	299,066	50,265	230,175	3,898	616
1948.....	367,079	65,433	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	88,548	459,692	17,377	35
1954.....	557,897	80,355	468,494	17,447	115
1955.....	612,453	91,522	506,879	16,658	99
1956.....	614,721	91,869	508,994	7,078	1,405

Note: Output of aluminum metal in Canada is not included in the mineral production figures for the country. Although Canada has some 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
				Refined metal or regulus		
	Pounds	\$		Pounds	\$	Pounds
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.....	2,021,726	563,345	—	1,359,163	356,340	1,692,000
1956.....	1,820,000	576,300	—	1,803,630	353,277	1,604,757

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	\$	
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 ¹	—	—	74,000
1955.....	265,896	572,362	160,766 ¹	5,908	11,888	92,000
1956.....	273,007	494,157	156,753 ¹	24,025	49,143	40,000

1. Includes some bismuth from foreign ores.

CADMIUM

Table 9.

Year	Production in all forms		Consumption, refined metal	Exports, refined metal	
	Pounds	\$	Pounds	Pounds	\$
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	1,725,409	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.....	1,086,780	1,847,526	226,000	776,391	1,208,355
1955.....	1,919,081	3,262,439	347,000	1,562,337	2,275,472
1956.....	2,258,184	3,838,913	206,420	1,922,685	2,824,485

CHROMITE

Table 10.

Year	Production of chrome ore		Imports of chrome ore	
	Tons	\$	Tons	\$
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	1,684,082
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
1956.....	—	—	64,965	1,529,411

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	\$
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.....	3,318,637	8,563,700	19	10,898	—	—	1,555,345	3,517,673
1956.....	3,685,956	9,372,760	10	1,031	16,000	15,092	1,444,227	3,586,111

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	\$
1947	Newfoundland joined Confederation in 1949		—	—	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	3,052	2,250,672	1,027	757,758	101,021	74,502,645
1956	3,403	2,817,630	357	295,846	122,459	101,396,247
	Ontario		Manitoba		Saskatchewan	
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	146,407	107,215,943	19,379	14,438,505	32,945	24,297,063
1956	154,599	126,951,449	17,404	14,824,124	33,310	27,580,680
	British Columbia		Northwest Territories		Canada	
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	22,127	16,267,579	—	—	325,994	239,756,455
1956	21,245	17,590,743	—	—	353,293	291,469,615

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

Note: 1955—New Brunswick, 36 tons valued at \$26,290 in 1956—16 tons valued at \$12,896.

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

Year	Production	Domestic consumption	Exports, ingot bars	Imports
	(Tons of 2,000 pounds)			
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	288,997	139,280	153,200	35
1956	331,174	145,285	174,844	2,541

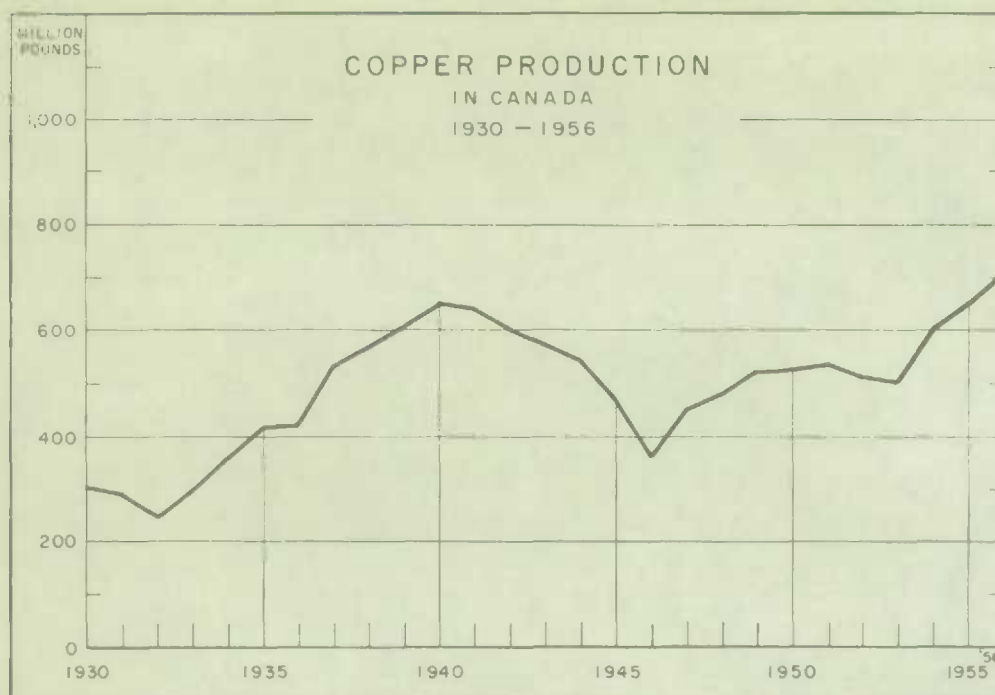


Table 14. Exports of Primary Copper

Year	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	\$	Tons	\$
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	25,602,156	156,130	91,355,516
1955	42,565	28,563,092	153,199	109,649,603
1956	40,994	31,129,360	174,844	141,767,103

GOLD

Table 15. Production of Gold

Year	Fine ounces	\$	Year	Fine ounces	\$
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	4,541,962	156,788,528
1951	4,392,751	161,872,873	1956	4,378,862	150,808,010

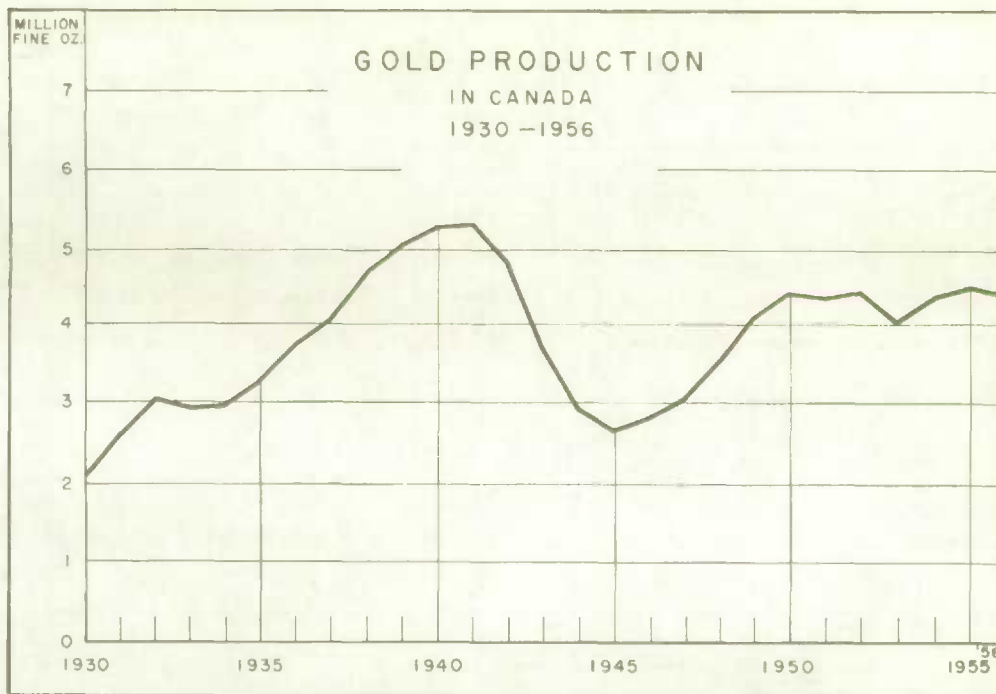


Table 16. Gold Production by Provinces and Areas

	1955		1956	
	Troy ounces	\$	Troy ounces	\$
Newfoundland	6,337	218,753	8,400	289,296
Nova Scotia.....	3,880	133,938	1,036	35,680
Quebec:				
Gold mines	769,928	26,577,914	625,692	21,548,832
Base metal mines.....	384,594	13,276,185	406,560	14,001,927
Total Quebec	1,154,522	39,854,099	1,032,252	35,550,759
Ontario:				
Gold mines: Porcupine	1,074,916	37,106,100	1,061,688	36,564,535
Kirkland Lake.....	393,294	13,576,509	367,817	12,667,617
Larder Lake	427,193	14,746,702	466,500	16,066,260
Matachewan.....	29,806	1,028,903	3,388	116,683
Sudbury	38,046	1,313,348	33,403	1,150,400
Thunder Bay	102,806	3,548,863	99,003	3,409,663
Patricia	409,820	14,146,986	422,289	14,543,633
Other mines.....	47,159	1,627,929	43,984	1,514,810
Total Ontario	2,523,040	87,095,340	2,498,072	86,033,601

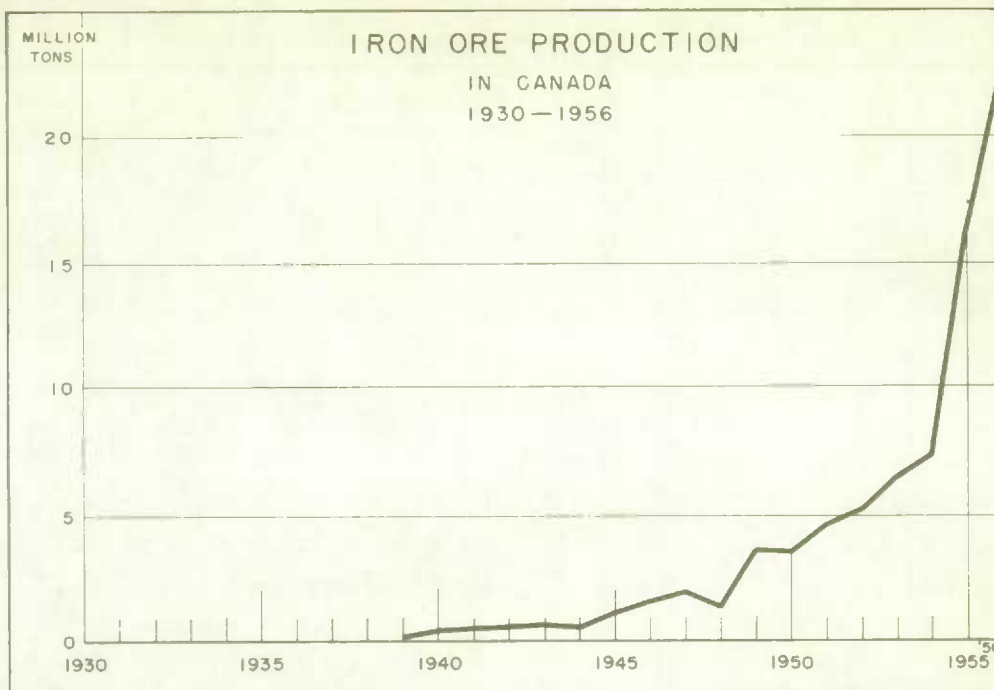
Table 16. Gold Production by Provinces and Areas - Concluded

	1955		1956	
	Troy ounces	\$	Troy ounces	\$
Manitoba:				
Gold mines.....	99,366	3,430,114	96,550	3,325,182
Other mines.....	24,522	846,500	22,800	785,232
Total Manitoba.....	123,888	4,276,614	119,350	4,110,414
Saskatchewan:				
Gold mines.....	13	449	—	—
Other mines.....	83,567	2,884,733	82,800	2,851,632
Total Saskatchewan.....	83,580	2,885,182	82,800	2,851,632
Alberta (placer).....	214	7,387	119	4,098
British Columbia:				
Gold mines (lode).....	199,430	6,884,324	172,925	5,955,537
Gold mines (placer).....	6,206	214,231	3,075	105,903
Other mines.....	47,343	1,634,280	34,948	1,203,610
Total British Columbia.....	252,979	8,732,835	210,948	7,265,050
Northwest Territories:				
Gold mines.....	321,321	11,092,001	352,645	12,145,094
Yukon (chiefly placer).....				
Yukon (chiefly placer).....	72,201	2,492,379	73,240	2,522,386
Total Canada.....	4,541,962	156,788,528	4,378,862	150,808,010

IRON ORE

Table 17.

Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
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.....	7,361,598	49,666,507	3,035,191	20,415,600	6,126,938	39,718,740
1955.....	16,283,177	110,435,850	4,538,789	31,563,361	14,568,960	99,814,106
1956.....	22,526,311	156,327,885	5,068,861	38,722,103	20,265,370	144,442,550



LEAD

Table 18.

Year	Production of primary ¹ lead in all forms		Production, refined lead ²	Exports				Consumption, refined lead
				Lead contained in ore		Pig lead		
	Tons	\$	Tons	Tons	\$	Tons	\$	Tons
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	218,495	58,250,831	166,005	59,755	14,568,258	116,409	25,802,738	67,947
1955	202,762	58,314,500	148,811	58,164	15,034,498	92,704	22,078,426	66,222
1956	186,675	57,906,514	147,865	49,974	13,547,850	79,633	21,451,906	65,676

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	\$
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	17,855	5,135,085	1,990	572,213	766	220,403	5,608	1,612,862
1956	23,297	7,226,830	584	181,275	243	75,234	2,814	873,052

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

Year	Ontario		British Columbia		Yukon		Canada	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
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	38,472,263	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	58,250,831
1955	1,927	554,148	161,492	46,445,214	13,124	3,774,575	202,762	58,314,500
1956	1,708	529,760	145,139	45,022,040	12,890	3,998,323	186,675	57,906,514

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

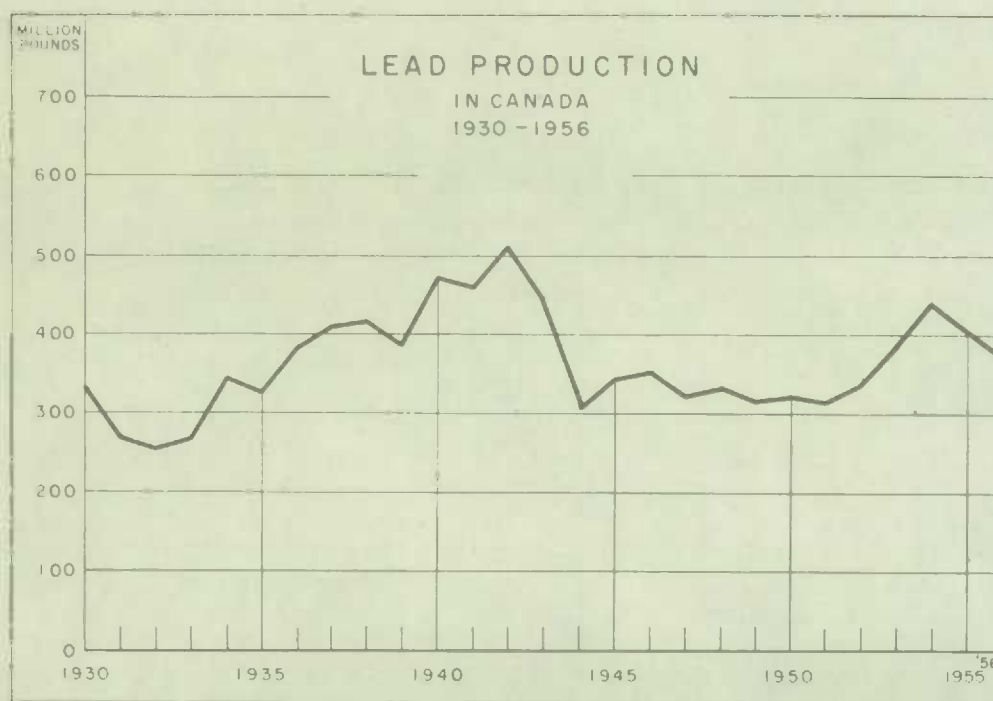
**MAGNESIUM**

Table 20.

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	\$		Pounds	\$
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.....	...	6,585,409 ¹
1952 .....	...	4,812,368 ¹	1956.....	...	5,617,826 ¹

1. Includes calcium in 1950-1956.

MANGANESE ORE

Table 21.

Year	Production		Imports	
	Tons	\$	Tons	\$
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
1956 .....	...	1,900	207,977	9,137,278

MERCURY

Table 22.

Year	Production		Imports		Exports	
	Pounds	\$	Pounds	\$	Pounds	\$
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	75	250	555,526	1,930,987	3,781	15,131
1956	—	—	450,006	1,500,033	5,953	18,518

MOLYBDENITE

Table 23.

Year	Shipments			Year	Shipments		
	Concentrates	MoS ₂ content	\$		Concentrates	MoS ₂ content	\$
	Tons	Pounds			Tons	Pounds	
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	761.5	1,389,177	823,954
1951	241.1	381,596	228,958	1956 .....	...	1,452,028	967,461

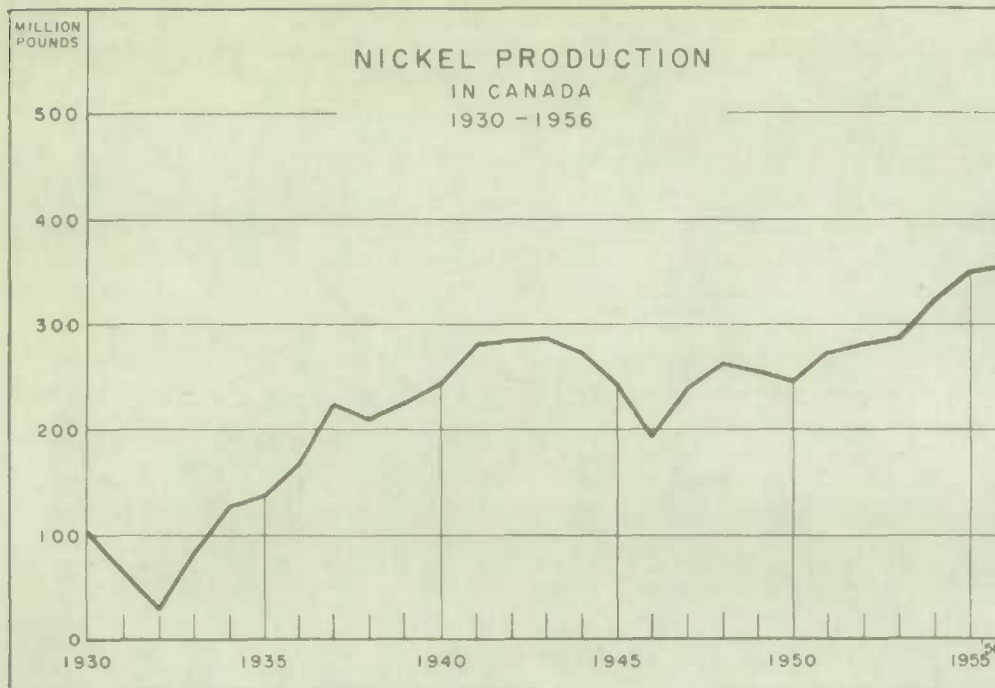
**NICKEL**

Table 24.

Year	Production of primary ¹ nickel in all forms		Exports			
			Nickel contained in matte or speiss		Refined nickel	
	Tons	\$	Tons	\$	Tons	\$
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	166,299	180,173,392	65,823	72,862,335	91,410	107,828,514
1955	174,928	215,866,007	65,954	79,045,411	106,473	134,765,810
1956	177,993	223,343,992	70,715	86,112,992	104,356	135,044,662

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

METALS OF THE PLATINUM GROUP

Table 25.

Year	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
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

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

METALS OF THE PLATINUM GROUP - Concluded

Table 25.

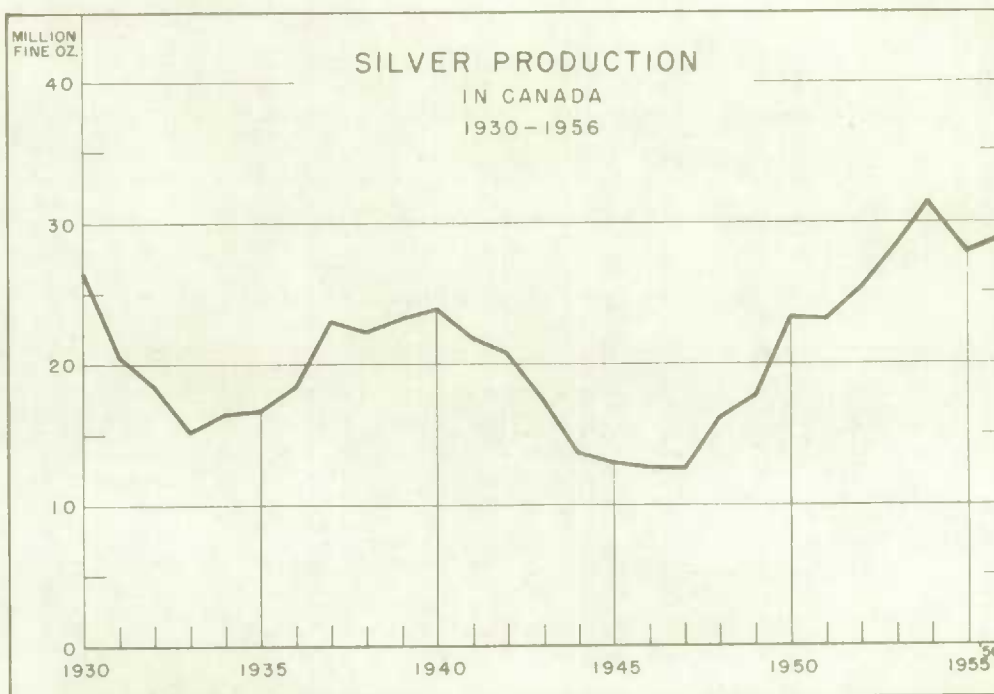
Year	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
1952	122,317	10,916,792	157,407	7,559,109
1953	137,545	12,550,981	166,018	7,495,409
1954	154,356	12,950,469	189,350	7,956,087
1955	170,494	14,747,732	214,252	8,321,633
1956	150,000	15,585,000	161,600	6,495,065

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

SELENIUM

Table 26.

Year	Production		Exports	
	Pounds	\$	Pounds	\$
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	427,109	3,203,319	334,215	2,555,689
1956	508,000	6,858,000	409,729	6,342,748



SILVER

Table 27.

Year	Production of primary silver in all forms		Exports			
			Silver contained in ores, concentrates, etc.		Silver bullion	
	Fine ounces	\$	Fine ounces	\$	Fine ounces	\$
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	27,984,204	24,676,472	5,873,873	4,857,948	16,598,577	14,485,037
1956	28,794,573	25,831,612	6,924,414	5,871,438	14,341,753	12,821,395

TELLURIUM

Table 28.

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
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	9,014	15,774
1951	8,913	16,400	1956	24,000	42,000

TIN

Table 29.

Year	Production of refined tin		Imports in blocks, pigs		Consumption
	Tons	\$	Tons	\$	Tons
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 ¹	581,746	4,146	8,263,530	4,424
1954	164 ¹	263,359	4,296	7,441,782	4,036
1955	246	408,030	4,836	8,813,544	4,502
1956	306	521,550	4,227	8,194,367	4,575

1. Tin content of exported tin concentrates and in tin-lead alloy.

TITANIUM ORE

Table 30.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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, 464	10, 634
1951	1, 674	9, 790	1956	4, 443	37, 100

Titanium ore shipped to other than Canadian smelters.

TUNGSTEN

Table 31.

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude	WO ₃ content	\$	Pounds	\$
	(Pounds)				
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	3, 255, 100	1, 942, 770	5, 508, 437	91, 800	126, 137
1956	—	2, 206, 662	6, 060, 992	N A	

ZINC

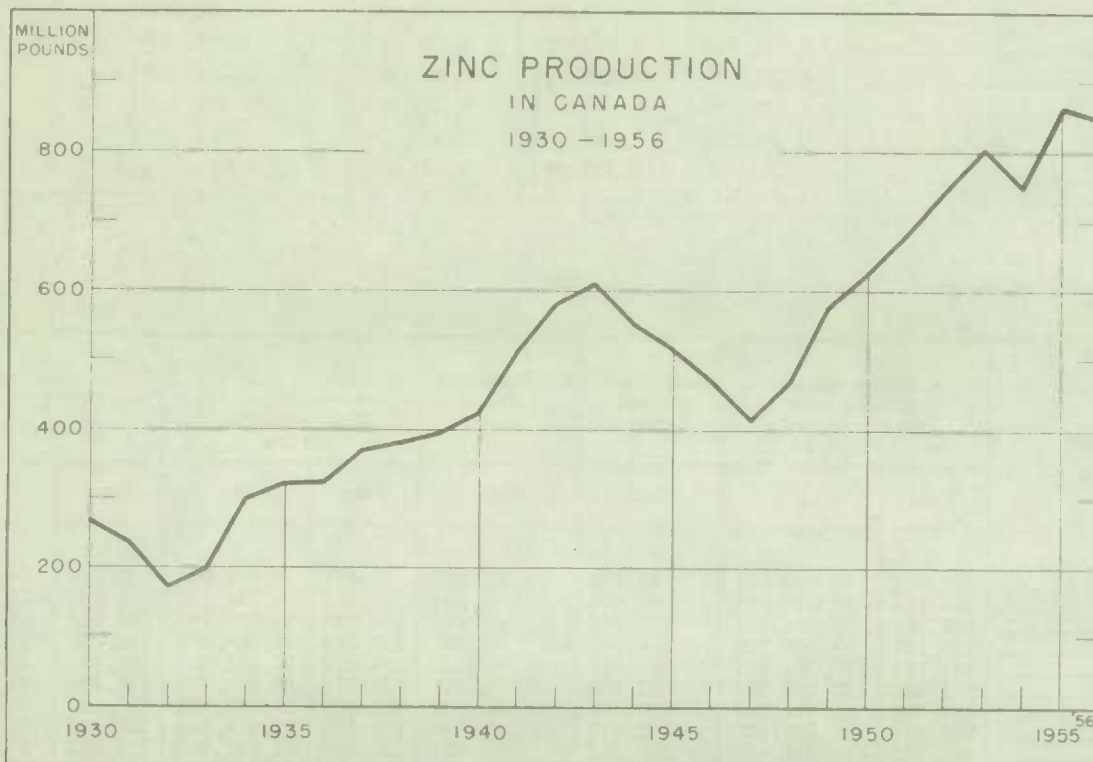
Table 32.

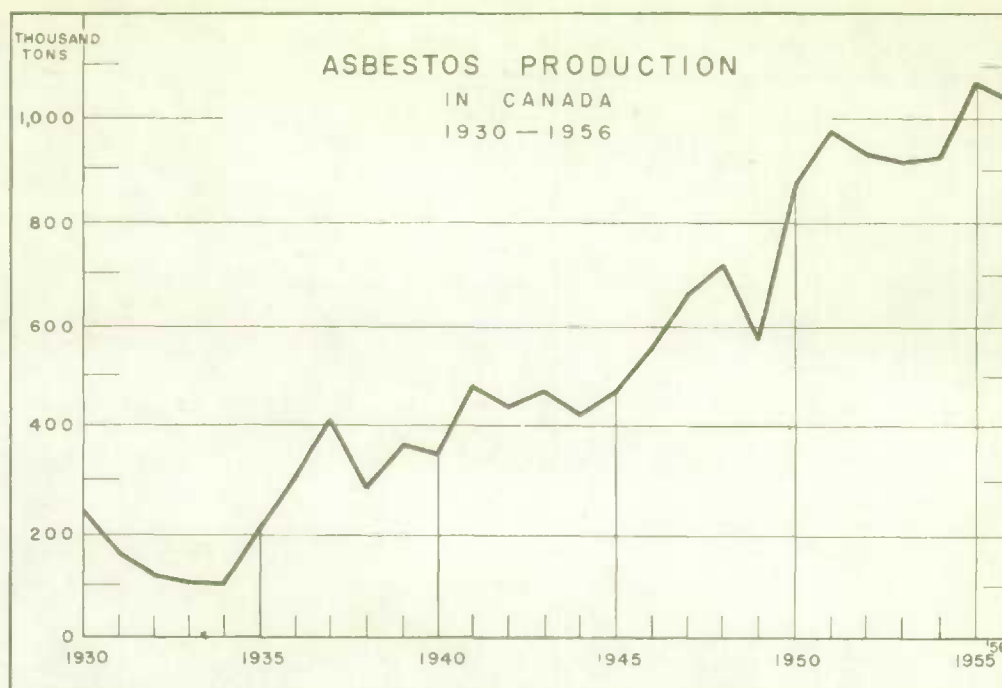
Year	Production, primary zinc in all forms		Production, refined zinc	Consumption, refined zinc	Exports			
					Zinc contained in ore		Refined zinc	
	Tons	\$	Tons	Tons	Tons	\$	Tons	\$
1947	207, 863	46, 686, 010	178, 264	51, 065	40, 575	2, 916, 649	137, 228	26, 661, 360
1948	234, 164	65, 237, 956	196, 575	46, 899	54, 227	4, 752, 238	144, 837	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	433, 357	118, 306, 466	256, 542	66, 653	190, 585	22, 988, 483	213, 837	47, 107, 303
1956	423, 620	125, 476, 218	255, 601	59, 181	199, 313	26, 484, 600	183, 728	47, 013, 213

Table 33. Production of Zinc in all Forms, by Provinces

Year	Newfoundland		Nova Scotia		Quebec		Ontario	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1947	Joined Confederation		—	—	34,731	7,800,686	—	—
1948	1949		—	—	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	28,636	7,817,635	8,018	2,188,957	101,431	27,690,668	1,548	422,556
1956	37,140	11,000,868	1,423	421,604	87,905	26,037,345	1,500	444,300
	Manitoba		Saskatchewan		British Columbia		Yukon	
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	17,966	4,904,725	48,960	13,366,168	215,886	58,936,877	10,912	2,978,881
1956	18,100	5,361,220	45,125	13,366,025	221,856	65,713,672	10,394	3,078,703

Note: In 1956 New Brunswick, 177 tons valued at \$52,481.





ASBESTOS

Table 34.

Year	Production		Exports		
	Tons	\$	Crude	Milled fibres	Waste, refuse or shorts
			Tons	Tons	Tons
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	1,063,802	96,191,317	586	365,980	635,261
1956	1,038,975	109,665,924	560	377,044	586,317

ARSENIOUS OXIDE

Table 35.

Year	Production (crude and refined) ¹		Exports (crude and refined) ¹	
	Pounds	\$	Pounds	\$
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	1,571,787	69,159	940,600	40,794
1956	2,624,757	86,617	1,168,100	50,482

1. Does not include arsenic in ores exported from British Columbia.
 2. Data for 1951-1956 include some arsenious oxide recovered from foreign ores.

BARITE

Table 36.

Year	Production		Imports	
	Tons	\$	Tons	\$
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	253,736	2,277,166	1,449	46,017
1956	296,318	2,248,769	1,475	50,828

FELDSPAR

Table 37.

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
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	18,152	355,879	137	3,106	1,426	38,125
1956	17,763	365,370	196	4,758	1,804	48,368

FLUORSPAR

Table 38.

Year	Production		Imports	
	Tons	\$	Tons	\$
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	128,114	2,708,437	21,774	518,002
1956	151,738	3,835,565	28,148	690,779

GRAPHITE

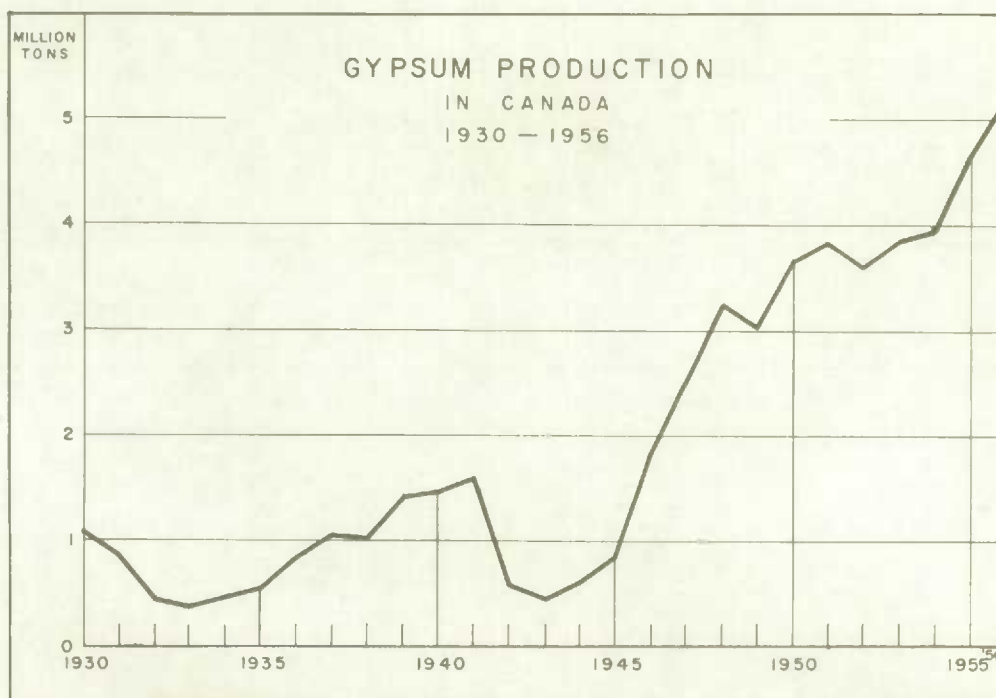
Table 39.

Year	Production		Imports			Exports
	Tons	\$	Plumbago, not ground or otherwise manufactured	Crucibles, plumbago	Plumbago, ground and manufactures of, n.o.p.	\$
			\$	\$	\$	
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
1956	—	—	87,926	260,000	815,384	—

GYPSUM

Table 40.

Year	Production		Exports of crude gypsum	
	Tons	\$	Tons	\$
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	3,802,692	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	3,950,422	7,094,871	2,830,945	4,204,603
1955	4,667,901	8,037,153	3,039,192	4,930,626
1956	5,192,805	8,300,585	3,840,721	6,987,537



IRON OXIDES

Table 41.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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	7,702	162,512
1951	13,342	262,277	1956	7,757	170,135

MAGNESITIC-DOLOMITE AND BRUCITE

Table 42.

Year	Production, magnesitic-dolomite and brucite	Imports of dead-burned, sintered and calcined magnesite		Exports of dead-burned refractories	
	\$	Tons	\$	Tons	\$
1947	1,167,484	9,339	662,750	4,867	81,686
1948	1,587,709	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	2,148,940	6,520	430,607	4,902	254,049
1952	2,161,472	10,278	518,159	2,960	167,717
1953	2,016,640	6,801	398,319	4,601	305,695
1954	1,909,163	6,116	405,900	7,887	537,542
1955	2,151,820	13,937	854,152	3,255	195,771
1956	2,412,000	24,060	1,590,025	14,826	963,608

MICA

Table 43.

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
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	1,640,708	77,541
1951	4,961,508	447,650	1956	1,184,542	73,622

MINERAL WATERS

Table 44.

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
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	306,683	160,510
1951	325,300	146,971	1956	303,500	157,000

NEPHELINE SYENITE

Table 45.

Year	Production		Exports	
	Tons	\$	Tons	\$
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	146,068	2,099,512	118,275	1,753,117
1956	179,381	2,489,633	139,305	1,935,315

PEAT MOSS

Table 46.

Year	Production		Exports ¹	
	Tons	\$	Tons	\$
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	55,962	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	117,579	3,485,287	102,997	5,388,362
1956	125,074	3,708,191	113,346	6,068,845

1. Peat moss and other mosses.

PHOSPHATE ROCK

Table 47.

Year	Production		Imports	
	Tons	\$	Tons	\$
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
1956	—	—	627,643	5,185,597

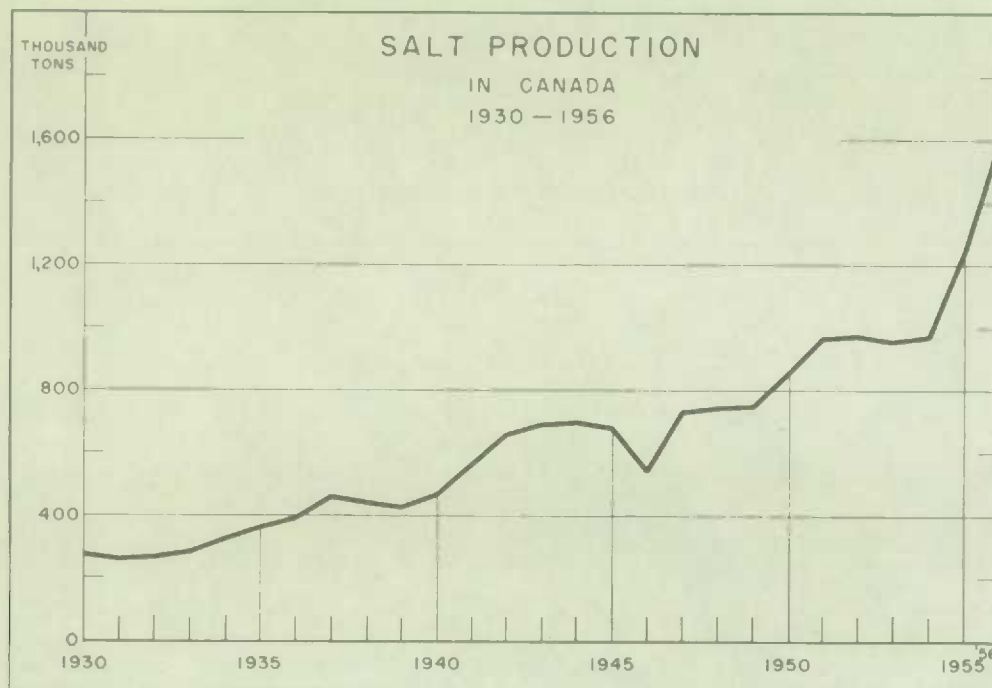
QUARTZ

Table 48.

Year	Production of quartz, quartzite, etc.		Exports of quartzite	
	Tons	\$	Tons	\$
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.....	1,716,151	1,574,893	162,474	547,821
1955.....	1,869,913	2,039,575	87,622	265,374
1956.....	2,114,415	2,781,236	181,196	564,173

Table 49.

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	\$
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
1955.....	456	8,163	24,517	252,237	803	25,549	735,458	2,146,088
1956.....	562	6,572	26,892	326,620	616	15,076	840,374	2,597,302



SALT

Table 50.

Year	Producers' shipments		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	\$	Tons	\$
1947.....	728,545	4,436,930	51,142	348,294	147,393	709,847	21,303	187,767	11,212	243,663
1948.....	741,261	4,836,028	29,312	179,805	138,527	688,116	18,232	210,909	5,630	127,104
1949.....	749,015	5,566,725	83,254	548,032	137,185	779,034	16,249	240,806	3,472	63,015
1950.....	858,896	7,011,306	57,580	395,787	157,753	961,034	22,906	377,438	4,200	52,974
1951.....	964,525	7,905,977	59,080	434,381	181,067	1,155,964	18,656	362,933	4,561	62,847
1952.....	971,903	7,774,815	69,549	400,669	183,641	1,082,334	34,902	573,809	2,844	44,631
1953.....	954,928	6,974,501	60,121	369,042	210,826	1,115,000	36,362	531,025	2,354	32,499
1954.....	969,887	8,340,163	58,745	315,581	270,802	1,308,995	40,841	519,134	1,199	25,935
1955.....	1,244,761	10,122,299	49,621	299,622	279,578	1,127,418	36,017	437,133	146,472	1,000,501
1956.....	1,593,131	13,916,532	58,985	330,012	242,133	962,505	17,961	284,951	333,935	2,286,830

SODIUM CARBONATE (Natural)

Table 51.

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	\$	Tons	\$
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
1956.....	—	—	134,816	4,002,140

SODIUM SULPHATE (Natural)

Table 52.

Year	Production of natural sodium sulphate		Imports			
			Salt cake		Glauber's salt	
	Tons	\$	Tons	\$	Tons	\$
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.....	178,888	2,799,715	29,928	574,440	3,888	131,447
1956.....	179,438	2,854,223	30,319	558,656	2,768	91,330

SULPHUR

Table 53.

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
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	532,406	4,875,969	18,665	310,127	7,816,301	188,608	1,566,571
1955	628,443	5,984,953	25,976	373,373	9,386,983	...	2,001,575
1956	763,736	7,440,410	34,784	474,117	11,857,556	...	2,649,349

TALC AND SOAPSTONE

Table 54.

Year	Production				Imports of talc and soapstone		Exports of talc	
	Talc		Soapstone ¹		Tons	\$	Tons	\$
	Tons	\$	Tons	\$				
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	12,569 ²	144,015	12,562	143,895	11,382	378,027	4,428	64,974
1956	13,500 ²	183,750	15,500	175,000	16,268	496,001	2,613	34,408

1. Includes some low-grade talc.
2. Includes pyrophyllite.

TITANIUM DIOXIDE IN SLAG

Table 55.

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	117,042	5,192,810
1956	152,500	6,771,000

**FUELS
COAL**

Table 56.

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
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.....	14,818,880	93,579,471	19,742,531	106,550,922	592,782	4,870,598
1956.....	14,915,033	95,466,866	22,613,374	128,736,670	594,166	4,710,030

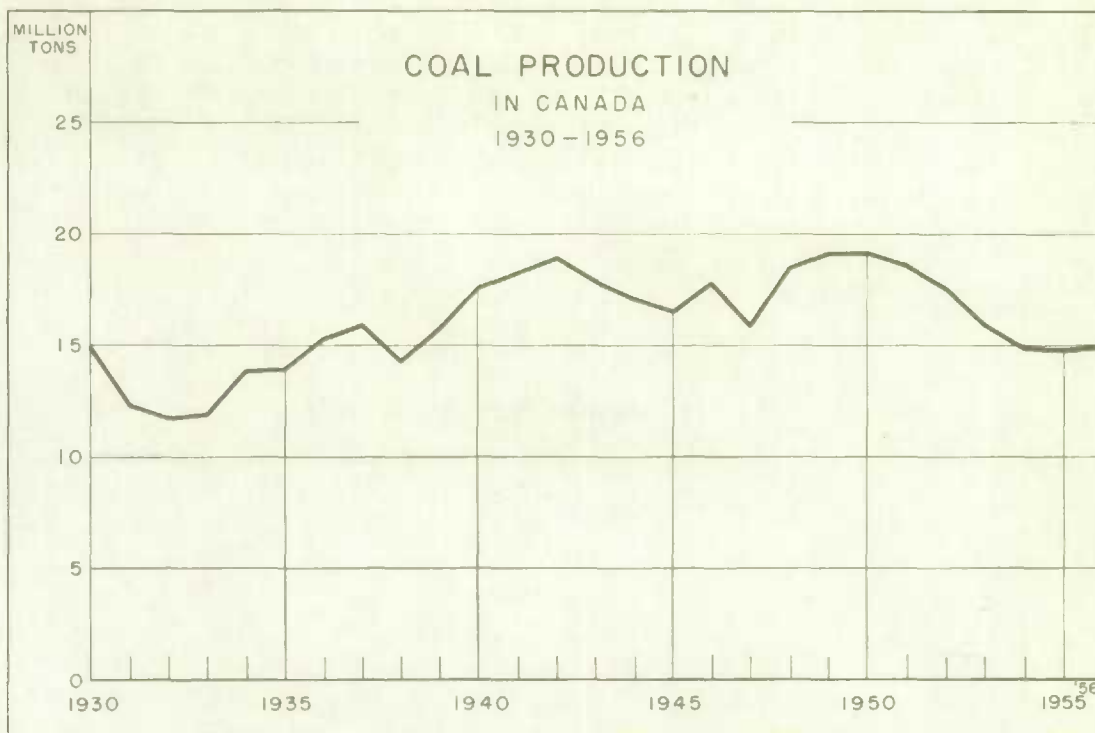


Table 57. Coal Production, by Provinces

Year	Nova Scotia		New Brunswick		Saskatchewan	
	Tons	\$	Tons	\$	Tons	\$
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, 731, 026	49, 852, 554	877, 838	7, 100, 649	2, 293, 816	4, 309, 163
1956	5, 787, 915	51, 029, 641	983, 482	7, 920, 930	2, 302, 948	4, 212, 681
	Alberta		British Columbia		Yukon	
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, 455, 279	23, 559, 584	1, 453, 881	8, 675, 715	7, 040	81, 806
1956	4, 361, 274	23, 512, 617	1, 469, 791	8, 677, 337	9, 623	113, 660

NATURAL GAS

Table 58.

Year	Production		Year	Production	
	M cu. ft.	\$		M cu. ft.	\$
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	150, 772, 312	15, 098, 508
1951	79, 460, 667	7, 158, 920	1956	173, 260, 500	17, 542, 555

CRUDE PETROLEUM

Table 59.

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
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	129, 440, 247	305, 640, 036
1951	47, 615, 534	116, 655, 238	1956	170, 569, 200	401, 840, 650

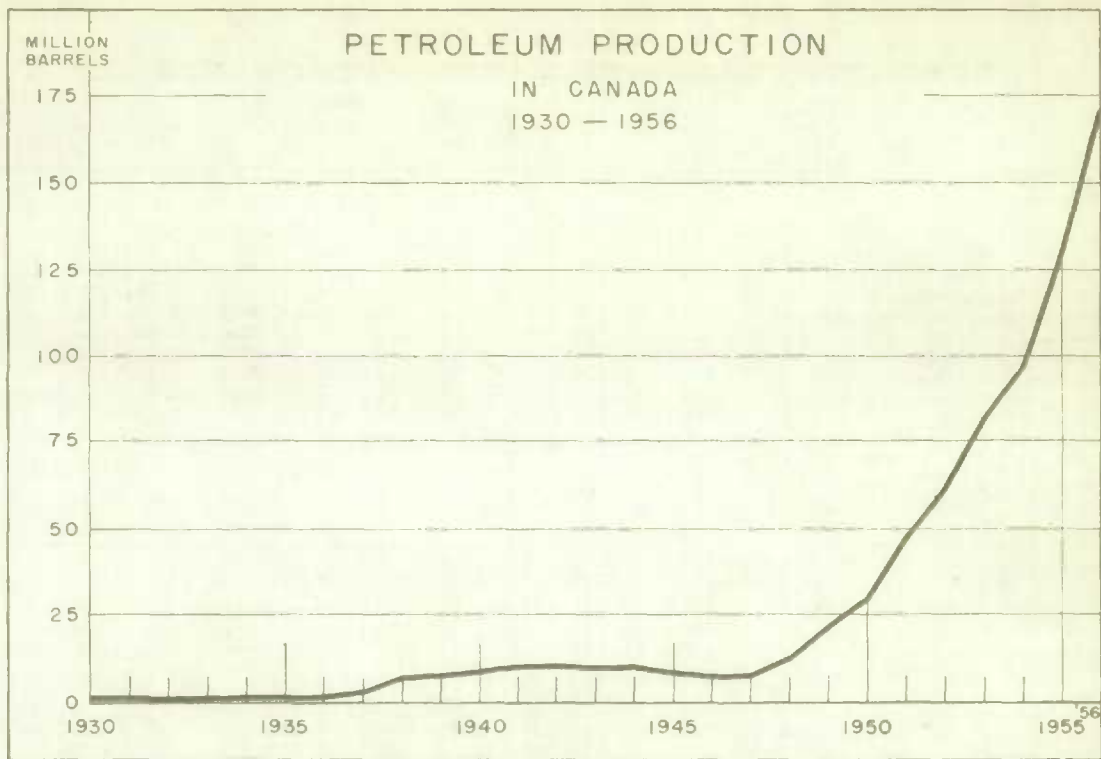


Table 60. Crude Petroleum Production, by Provinces

Year	New Brunswick		Ontario		Manitoba		Saskatchewan	
	Barrels	\$	Barrels	\$	Barrels	\$	Barrels	\$
1947	23, 129	32, 381	131, 295	350, 000	—	—	540, 117	614, 156
1948	21, 372	29, 920	176, 989	608, 109	—	—	849, 166	976, 541
1949	19, 544	27, 362	260, 670	901, 143	—	—	782, 188	836, 941
1950	17, 137	23, 992	250, 655	892, 000	—	—	1, 041, 098	1, 134, 797
1951	15, 551	21, 771	197, 171	677, 905	10, 698	26, 478	1, 249, 281	1, 659, 045
1952	14, 237	19, 932	191, 814	641, 037	104, 826	229, 299	1, 696, 505	2, 256, 352
1953	14, 738	20, 633	299, 685	994, 835	653, 514	1, 714, 806	2, 797, 888	3, 833, 107
1954	13, 046	18, 265	412, 474	1, 391, 687	2, 148, 184	5, 619, 649	5, 422, 899	8, 183, 304
1955	12, 548	17, 567	525, 510	1, 599, 335	4, 145, 756	9, 618, 154	11, 317, 168	18, 317, 968
1956	22, 300	31, 200	603, 900	1, 984, 000	5, 885, 000	13, 653, 200	19, 200, 000	31, 100, 000
	Alberta		British Columbia		Northwest Territories		Canada	
1947	6, 770, 477	18, 078, 907	—	—	227, 474	500, 238	7, 692, 492	19, 575, 682
1948	10, 888, 592	35, 127, 751	—	—	350, 541	676, 574	12, 286, 660	37, 418, 895
1949	20, 087, 418	58, 999, 836	—	—	155, 528	353, 108	21, 305, 348	61, 118, 490
1950	27, 548, 169	82, 216, 492	—	—	186, 729	352, 656	29, 043, 788	84, 619, 937
1951	45, 915, 384	113, 870, 152	—	—	227, 449	399, 887	47, 615, 534	116, 655, 238
1952	58, 915, 723	139, 512, 432	—	—	314, 217	379, 160	61, 237, 322	143, 038, 212
1953	76, 816, 383	193, 761, 644	—	—	316, 689	257, 251	80, 898, 897	200, 582, 276
1954	87, 713, 855	228, 319, 165	—	—	369, 887	344, 960	96, 080, 345	243, 877, 030
1955	113, 035, 046	274, 901, 232	—	—	404, 219	1, 185, 780	129, 440, 247	305, 640, 036
1956	144, 300, 000	353, 535, 000	101, 000	197, 250	457, 000	1, 340, 000	170, 569, 200	401, 840, 650

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

CLAY PRODUCTS

Table 61.

Year	Producers' shipments	Year	Producers' shipments
	\$		\$
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	35,259,770
1951	23,527,656	1956	38,062,112

CEMENT

Table 62.

Year	Producers' shipments		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
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	25,168,464	65,650,025	2,959,370	8,443,415	965,184	3,139,498
1956	29,719,377	77,876,046	3,426,426	8,078,334	711,775	1,984,908

Table 63.

Producers' Shipments of Cement, by Provinces

Year	Newfoundland		New Brunswick		Quebec		Ontario	
	Barrels	\$	Barrels	\$	Barrels	\$	Barrels	\$
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	468,030	1,492,990	872,659	2,306,065	9,497,629	24,132,519	7,664,434	19,707,042
1956	500,000	1,800,000	915,000	2,470,000	10,805,439	27,154,084	8,421,000	21,650,000
	Manitoba		Alberta		British Columbia		Canada	
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	1,944,194	5,509,812	2,812,623	7,026,722	1,908,895	5,474,875	25,168,464	65,650,025
1956	3,140,000	8,541,000	3,690,000	9,951,000	2,247,938	6,309,962	29,719,377	77,876,046

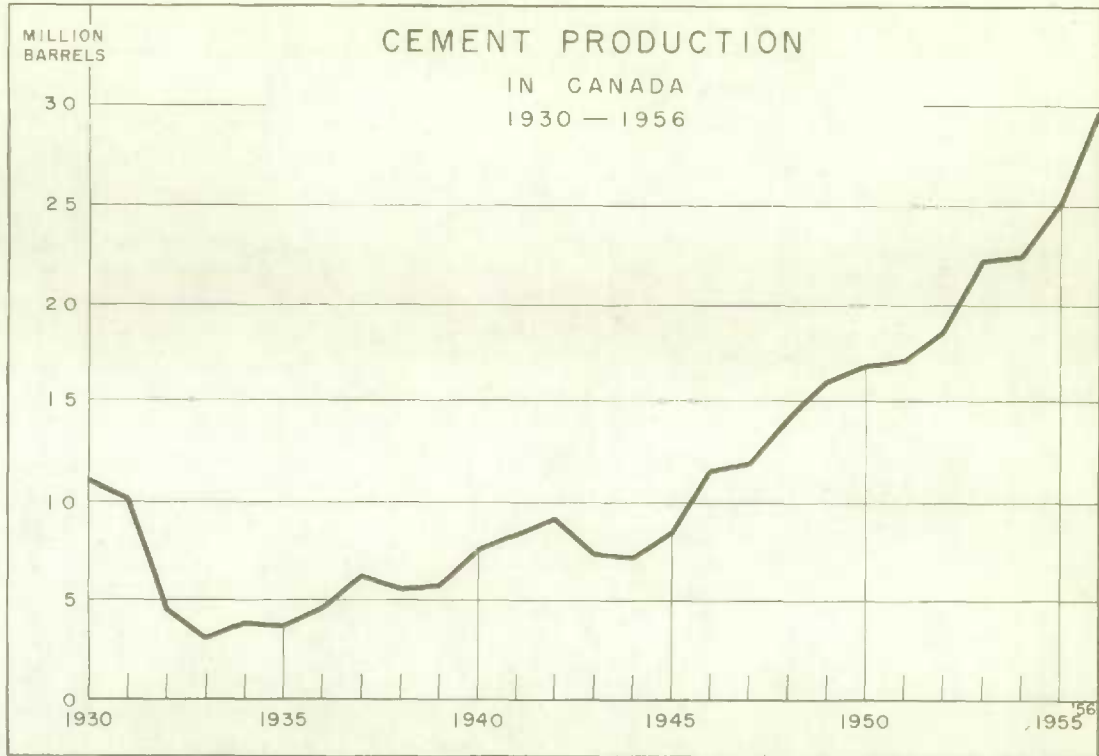


Table 64.

LIME

Year	Producers' shipments					
	Quicklime		Hydrated lime		Total	
	Tons	\$	Tons	\$	Tons	\$
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	995,639	12,221,541	335,479	3,589,363	1,331,118	15,810,904
1956	not available				1,303,889	15,328,917

SAND AND GRAVEL

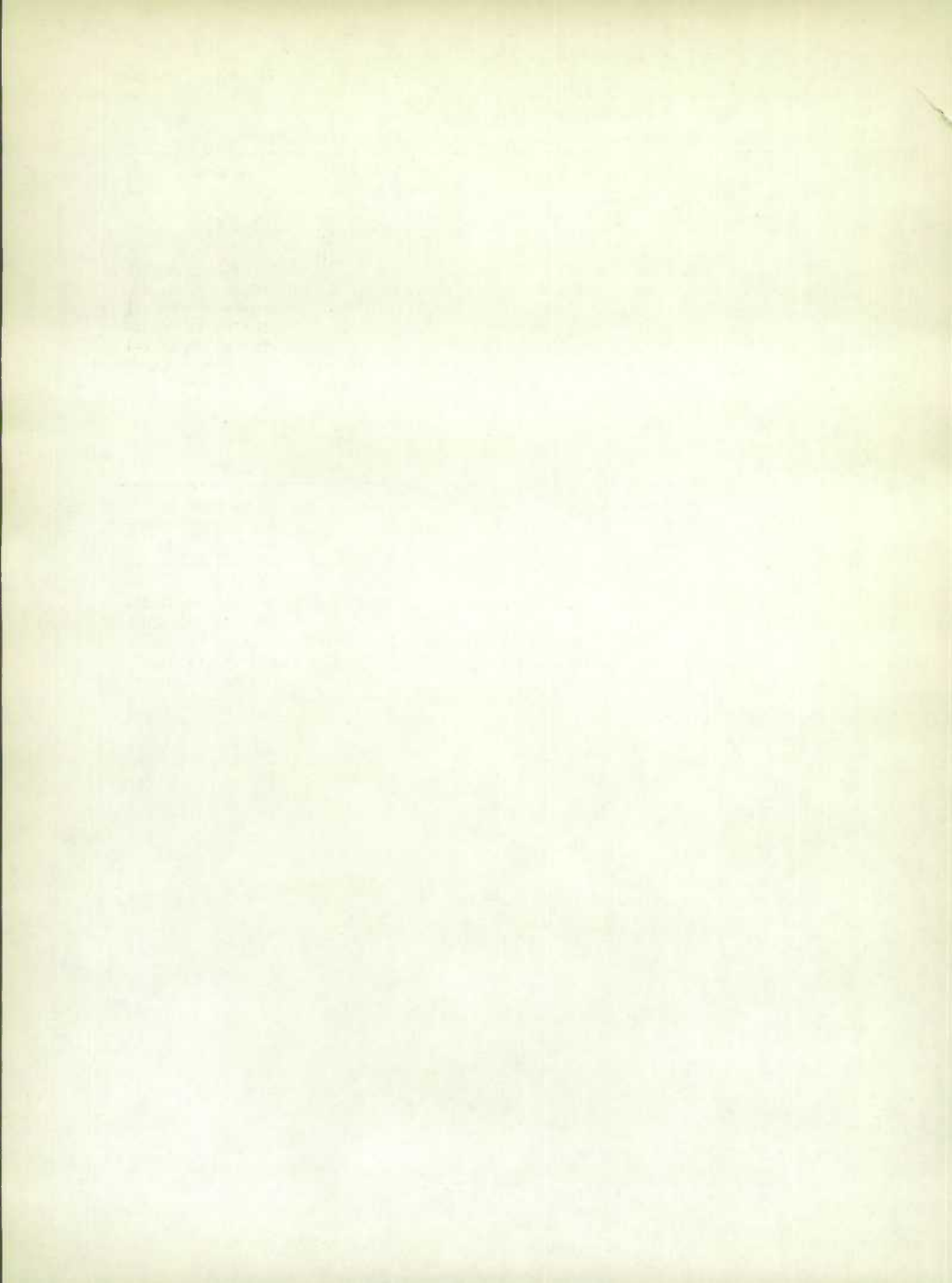
Table 65.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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	127,524,474	67,775,053
1951	92,972,821	44,627,559	1956	128,995,782	72,637,049

STONE

Table 66.

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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	30,512,920	43,736,687
1951	18,676,706	28,649,768	1956	31,549,706	43,349,462





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