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PRELIMINARY REPORT ON
MINERAL PRODUCTION
1963

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SYMBOLS

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- .. figures not available.
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PRELIMINARY REPORT ON MINERAL PRODUCTION

1963

Three billion dollars was the estimated value of the mineral production of Canada during the year 1963, according to a compilation prepared by the Dominion Bureau of Statistics, Ottawa. The valuation of \$3,003 million in 1963 was an increase of 5.3 per cent above the \$2,851 million worth of mineral products shipped in 1962. A historical review shows Canada's mineral output exceeding half a billion dollars in 1940, breaking the billion mark in 1950, and having a value of over \$2 billion in 1956.

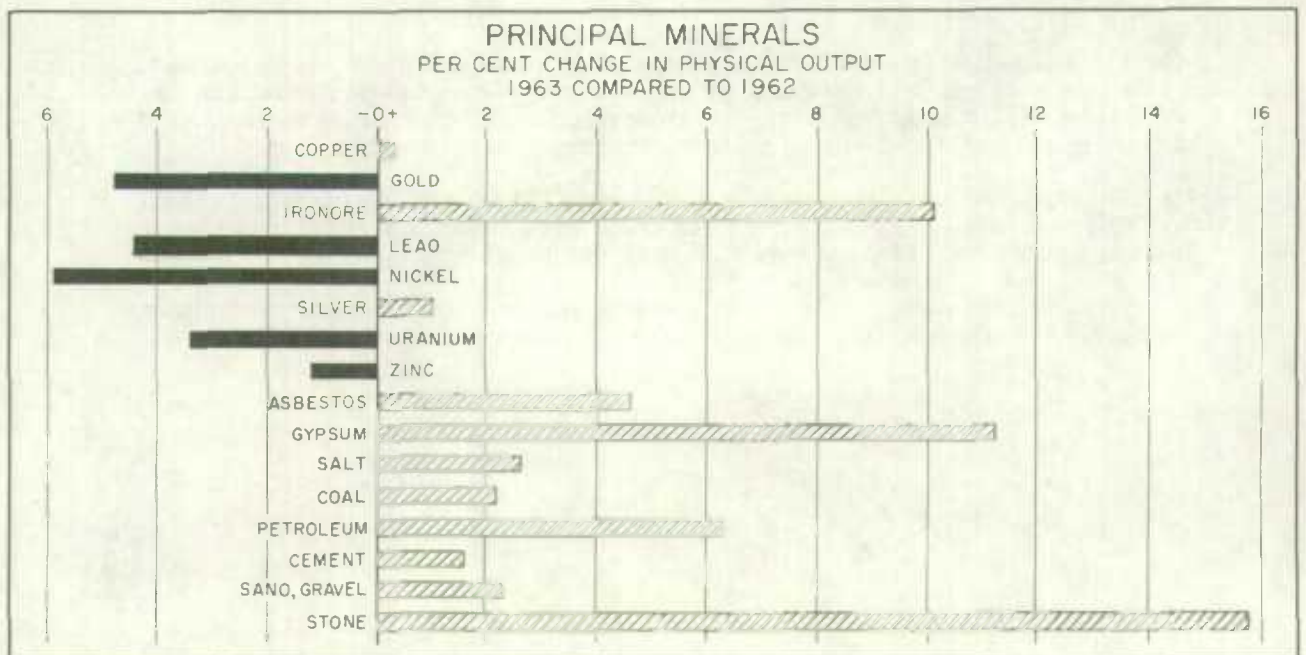
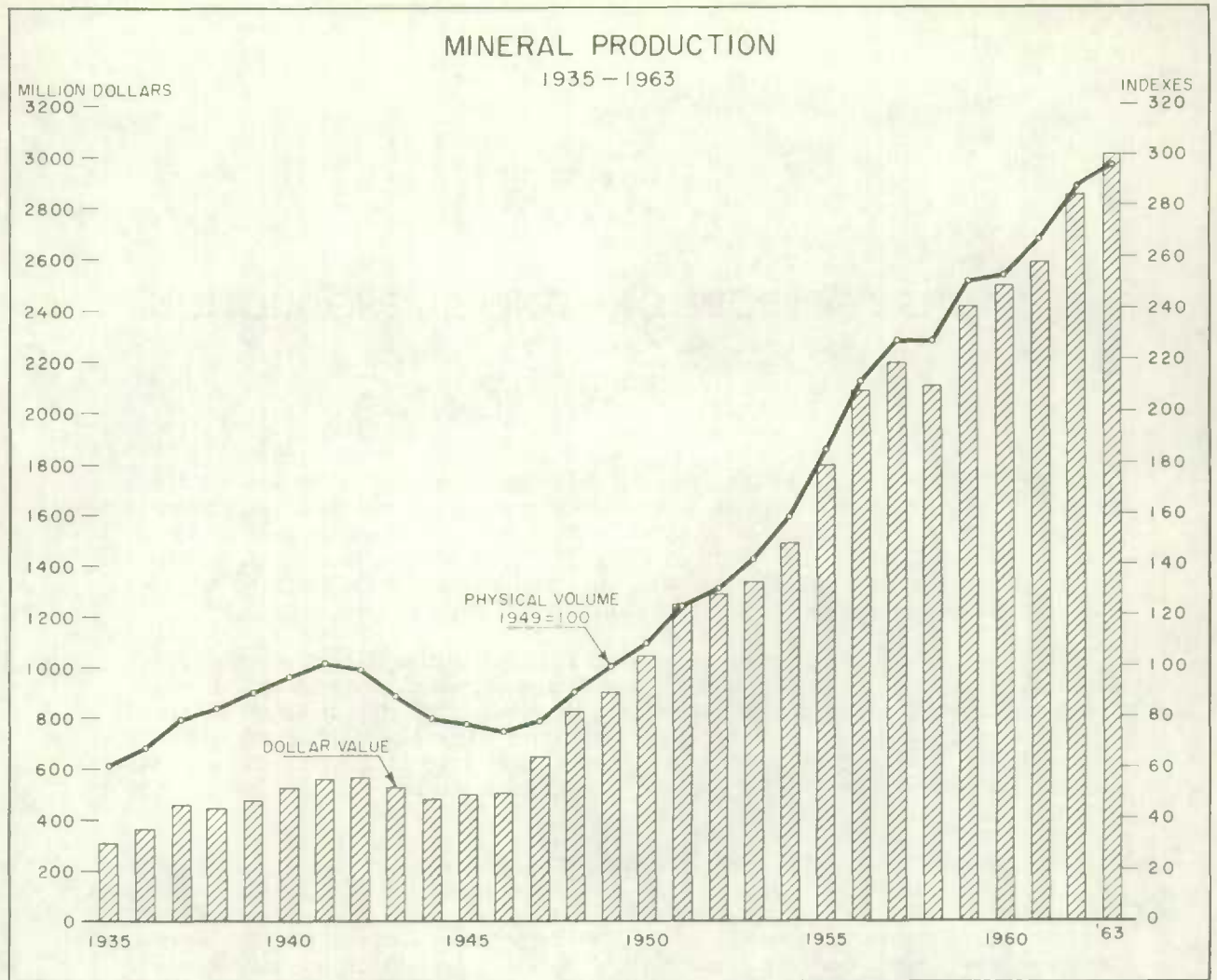
Metals, ores and concentrates were valued at \$1,505 million in 1963 which was only slightly higher than in 1962. The leading metals were nickel, \$363 million, iron ore, \$292 million and copper \$288 million. Although there was a reduction in output of nickel-copper in the Sudbury area, new base metal mines came into production in British Columbia and the Maritimes. The total values of gold \$150 million and uranium \$149 million were below those of 1962. Silver, priced at an all-time high average of \$1.38 per troy ounce yielded \$42 million.

Shipments of non-metallic minerals increased 15.4 per cent to reach a value of \$251 million. Over half of this value, or \$135 million was credited to the asbestos mining industry. The salt of the earth was worth \$22.5 million. Nova Scotia mined about 5 million tons of gypsum or 80 per cent of Canada's output. Over a million tons of elemental sulphur were shipped from the plants in Alberta, which process natural gas. Although production of sulphur exceeds the demand, there has been a notable increase in the export sales.

An increase of \$100 million brought the value of mineral fuels to \$882 million. Crude petroleum output of about 260 million barrels was a new high. Natural gas flow exceeded a trillion cubic feet. There was a corresponding increase in the by-products of the natural gas industry. Coal production was comparable to the preceding year.

Structural materials were valued at \$365 million. The demand for brick, tile cement and lime was about the same as in 1962. More stone, sand and gravel was used in highway construction. The total for all uses was 240 million tons.

Note: All 1963 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.



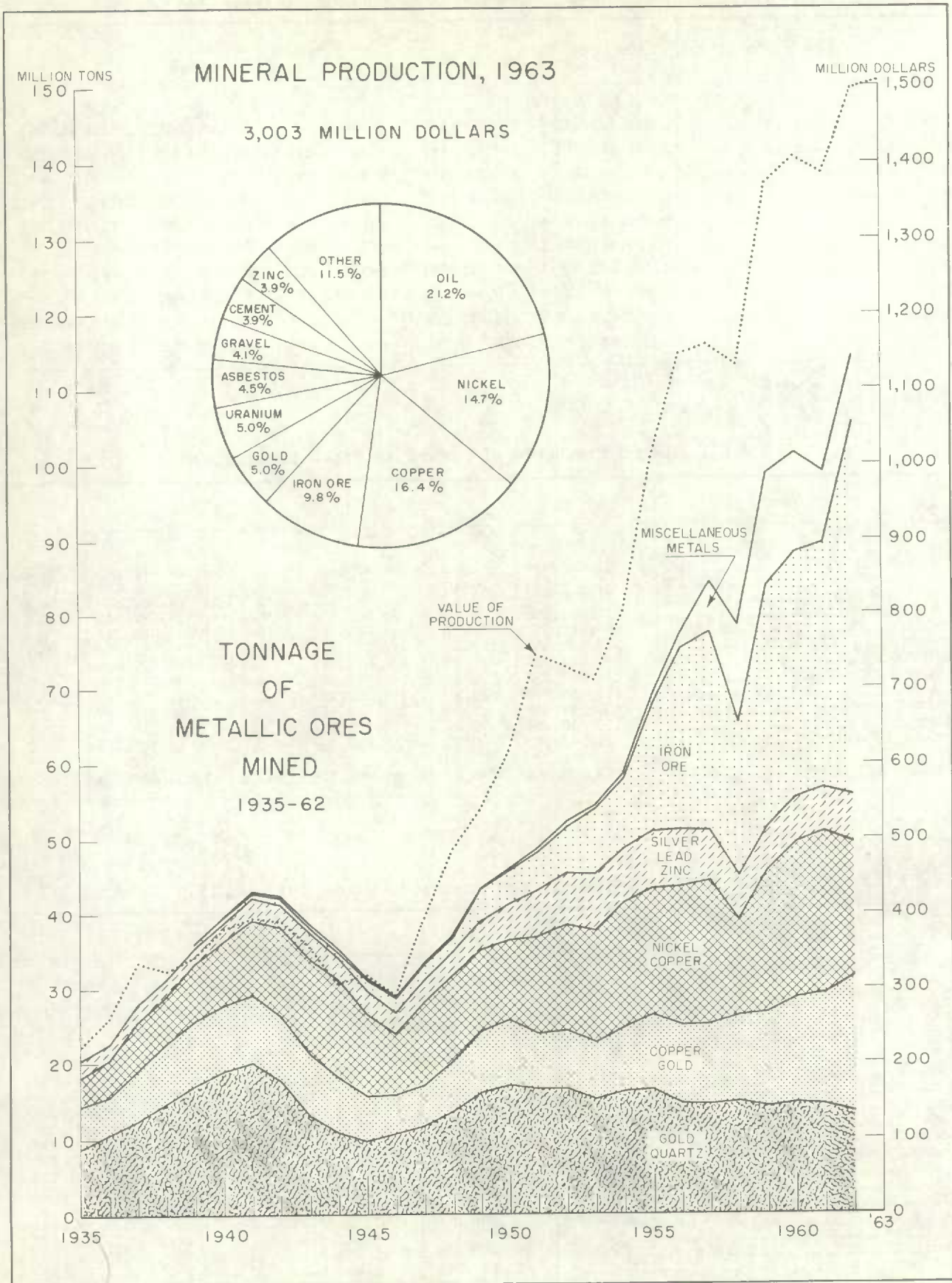


TABLE 1. Value of Mineral Production of Canada, by Classes, 1954 - 63

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	Total
	dollars				
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	1,146,349,595	160,341,599	518,761,191	259,453,169	2,084,905,554
1957	1,159,579,226	169,061,110	564,776,791	296,905,265	2,190,322,392
1958	1,130,160,395	150,354,802	510,768,681	309,455,160	2,100,739,038
1959	1,370,648,535	178,216,641	535,577,823	324,577,512	2,409,020,511
1960	1,406,558,061	197,505,783	565,851,829	322,594,308	2,492,509,981
1961	1,387,159,036	210,467,786	653,327,802	331,345,763	2,582,300,387
1962	1,496,433,950	217,453,009	780,932,387	356,166,833	2,850,986,179
1963	1,504,532,688	250,890,047	882,412,442	365,574,741	3,003,409,918

TABLE 2. Mineral Production of Canada, by Provinces, 1961 - 63

Province	1961		1962		1963	
	\$	%	\$	%	\$	%
Newfoundland	91,618,709	3.6	101,858,960	3.6	121,785,645	4.0
Prince Edward Island	606,644	0.1	677,906	0.2	654,120	0.2
Nova Scotia	61,693,156	2.4	61,651,093	2.1	67,307,328	2.2
New Brunswick	18,804,385	0.7	21,811,575	0.8	26,501,143	0.9
Quebec	455,522,933	17.6	519,453,166	18.2	537,388,211	17.9
Ontario	943,669,456	36.5	913,342,174	32.0	874,783,824	29.1
Manitoba	101,489,787	3.9	158,932,169	5.6	169,832,024	5.6
Saskatchewan	215,977,233	8.4	240,653,502	8.4	279,576,318	9.3
Alberta	473,480,540	18.3	566,502,703	19.9	635,001,853	21.1
British Columbia	188,542,078	7.3	235,428,135	8.2	260,715,547	8.7
Yukon	12,750,304	0.5	13,137,730	0.4	14,626,150	0.5
Northwest Territories	18,145,162	0.7	17,537,066	0.6	15,237,755	0.5
Totals	2,582,300,387	100.0	2,850,986,179	100.0	3,003,409,918	100.0

TABLE 3. Mineral Production of Canada, by Kinds, 1962 and 1963

		1962		1963	
		Quantity	Value	Quantity	Value
			\$		\$
Metallics					
Antimony	lb.	1,931,397	748,223	1,525,830	595,074
Bismuth	"	425,102	839,912	380,289	747,458
Cadmium	"	2,604,973	4,730,957	2,431,171	5,834,809
Calcium	"	123,511	124,412	79,429	97,698
Cobalt	"	3,481,922	6,345,205	2,815,184	5,324,032
Columbium (Cb ₂ O ₃)	"	1,016,514	1,006,349	1,270,000	1,260,000
Copper	"	914,770,211	282,732,696	917,470,086	287,704,456
Gold	troy oz.	4,178,396	156,313,794	3,979,003	150,175,632
Indium .....	"	...	...	...	...
Iron ore	ton	27,359,676	263,004,217	30,134,598	292,360,801
Iron, remelt	"	...	9,845,669	...	11,736,936
Lead	lb.	430,658,673	42,721,341	411,797,459	45,297,722
Magnesium	"	17,631,310	4,821,823	17,390,900	5,391,179
Molybdenum	"	817,705	1,261,451	1,000,000	1,534,000
Nickel	"	464,483,999	383,784,622	437,298,121	362,781,957

TABLE 3. Mineral Production of Canada, by Kinds, 1962 and 1963 — Concluded

	1962		1963		
	Quantity	Value \$	Quantity	Value \$	
Metallics — Concluded					
Platinum, group	troy oz.	470,787	28,848,637	344,736	21,848,696
Selenium	lb.	487,066	2,800,630	482,960	2,240,101
Silver	troy oz.	30,422,972	35,442,761	30,739,429	42,543,371
Tantalum (Ta ₂ O ₅)		—	—	—	—
Tellurium	lb.	58,725	352,350	74,942	483,271
Thorium		—	—	—	—
Tin	lb.	650,941	442,640	1,062,073	743,450
Titanium ore		—	—	—	—
Tungsten(WO ₃)	lb.	3,580	1,611	—	—
Uranium (U ₃ O ₈)	"	16,859,169	158,183,669	16,281,957	148,890,731
Zinc	"	926,289,098	112,080,981	915,033,762	116,941,314
Total metallics .....	...	...	1,496,433,950	...	1,504,532,688
Non-metallics					
Arsenious oxide	lb.	160,750	6,832	187,450	7,498
Asbestos	ton	1,215,814	130,281,966	1,272,024	134,880,206
Barite	"	226,600	2,123,964	177,079	1,753,728
Diatomite	"	211	10,228	322	12,880
Feldspar	"	9,994	222,460	8,557	194,954
Fluorspar .....		...	1,870,184	...	2,004,200
Graphite	ton	—	—	2	1,400
Grindstone	"	10	2,000	10	2,000
Gypsum	"	5,332,809	9,349,775	5,931,636	11,101,058
Iron oxides	"	771	58,363	1,004	73,866
Lithia	lb.	499,736	558,654	663,208	700,800
Magnesitic-dolomite and brucite .....		...	3,431,873	...	3,106,092
Mica	lb.	1,204,034	84,598	1,068,650	61,817
Mineral waters	gal.	377,248	207,325	...	...
Nepheline syenite	ton	254,418	2,605,421	255,409	2,508,356
Peat moss	"	238,035	7,480,396	258,857	8,923,632
Potash, (K ₂ O) .....		..	3,000,000	..	22,500,000
Pozzolan .....		...	4,927	...	5,000
Pyrite, pyrrhotite	ton	517,308	1,879,584	492,073	1,759,226
Quartz	"	2,085,620	3,817,445	1,942,355	4,209,777
Salt	"	3,638,778	21,927,135	3,733,985	22,501,851
Soapstone and talc ¹	"	46,161	625,208	54,641	771,864
Sodium sulphate	"	246,672	3,954,273	254,078	4,065,625
Sulphur in smelter gas	"	292,728	3,089,537	311,156	3,261,596
Sulphur, elemental	"	695,098	9,286,999	1,161,661	12,232,668
Titanium dioxide, etc. ....		...	11,573,862	...	14,249,953
Total non-metallics .....	...	...	217,453,009	...	250,890,047
Mineral — Fuels					
Coal	ton	10,284,769	69,160,213	10,509,005	71,616,557
Natural gas	Mcf.	946,702,727	108,641,159	1,070,900,800	109,325,200
Natural gas by-products .....		...	50,778,506	...	68,251,585
Petroleum, crude	bbbl.	244,115,152	552,352,509	259,613,000	633,219,100
Total fuels .....	...	...	780,932,387	...	882,412,442
Structural materials					
Clay products (brick, tile, etc.) .....		...	37,816,878	...	37,758,646
Cement	ton	6,878,729	113,233,726	6,988,412	117,588,571
Lime	"	1,424,459	17,646,588	1,439,583	17,447,478
Sand and gravel	"	181,245,762	118,603,283	185,498,913	121,167,131
Stone	"	50,553,485	68,866,358	55,090,659	71,612,915
Total structural materials .....	...	...	356,166,833	...	365,574,741
Grand totals .....	...	...	2,850,986,179	...	3,003,409,918

¹ Includes pyrophyllite.

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1963

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	194,224
4		\$	—	—	—	328,812
5	Cadmium	lb.	—	—	—	—
6		\$	—	—	—	—
7	Calcium	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Columbium (Cb ₂ O ₃)	lb.	—	—	—	1,270,000
12		\$	—	—	—	1,260,000
13	Copper	lb.	28,115,458	641,888	16,300,000	290,038,484
14		\$	8,856,369	202,195	5,134,500	91,362,122
15	Gold	oz.	12,724	—	850	931,621
16		\$	480,204	—	32,079	35,159,377
17	Indium	—	—	—	—	—
18		—	—	—	—	—
19	Iron ore	ton	9,407,100	—	—	11,811,000
20		\$	83,620,025	—	—	123,525,340
21	Iron, remelt	—	—	—	—	—
22		\$	—	—	—	11,736,936
23	Lead	lb.	49,325,752	3,544,817	5,200,000	8,532,287
24		\$	5,425,833	389,930	572,000	938,552
25	Magnesium	lb.	—	—	—	—
26		\$	—	—	—	—
27	Molybdenum	lb.	—	—	—	1,000,000
28		\$	—	—	—	1,534,000
29	Nickel	lb.	—	—	—	5,192,000
30		\$	—	—	—	4,361,280
31	Platinum group	oz.	—	—	—	—
32		\$	—	—	—	—
33	Selenium	lb.	—	—	—	244,200
34		\$	—	—	—	1,098,890
35	Silver	oz.	1,025,080	508,921	358,000	4,755,325
36		\$	1,418,711	704,347	495,472	6,581,370
37	Tantalum (Ta ₂ O ₅)	—	—	—	—	—
38		—	—	—	—	—
39	Tellurium	lb.	—	—	—	56,400
40		\$	—	—	—	366,600
41	Thorium	—	—	—	—	—
42		—	—	—	—	—
43	Tin	lb.	—	—	—	—
44		\$	—	—	—	—
45	Titanium ore	—	—	—	—	—
46		—	—	—	—	—
47	Tungsten (WO ₃)	—	—	—	—	—
48		—	—	—	—	—
49	Uranium (U ₃ O ₈)	lb.	—	—	—	—
50		\$	—	—	—	—
51	Zinc	lb.	74,063,250	1,143,630	17,700,000	127,987,724
52		\$	9,465,283	146,156	2,262,060	16,356,831
53	Total metals	\$	109,266,425	1,442,628	8,496,111	294,610,110
Non-metallics						
54	Arsenious oxide	lb.	—	—	—	—
55		\$	—	—	—	—
56	Asbestos	ton	17,750	—	—	1,157,559
57		\$	3,200,000	—	—	114,764,106
58	Barite	ton	—	165,700	—	—
59		\$	—	1,612,000	—	—
60	Diatomite	ton	—	—	—	—
61		\$	—	—	—	—
62	Feldspar	ton	—	—	—	8,557
63		\$	—	—	—	194,954
64	Fluorspar	—	—	—	—	—
65		\$	2,004,000	—	—	—
66	Graphite	ton	—	—	—	2
67		\$	—	—	—	1,400

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1963

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	1,525,830	—	—	1,525,830	1
—	—	—	—	595,074	—	—	595,074	2
65	—	—	—	186,000	—	—	380,289	3
146	—	—	—	418,500	—	—	747,458	4
—	179,316	135,178	—	1,976,076	140,601	—	2,431,171	5
—	430,358	324,427	—	4,742,582	337,442	—	5,834,809	6
79,429	—	—	—	—	—	—	79,429	7
97,698	—	—	—	—	—	—	97,698	8
2,065,310	749,874	—	—	—	—	—	2,815,184	9
3,833,307	1,490,725	—	—	—	—	—	5,324,032	10
—	—	—	—	—	—	—	1,270,000	11
—	—	—	—	—	—	—	1,260,000	12
360,115,167	33,907,692	60,422,769	—	127,928,628	—	—	917,470,086	13
112,137,657	10,680,923	19,033,172	—	40,297,518	—	—	287,704,456	14
2,326,433	50,550	69,074	111	158,000	53,120	378,520	3,979,003	15
87,799,581	1,915,437	2,606,853	4,567	5,887,440	2,004,749	14,285,345	150,175,632	16
—	—	—	—	..	—	—	..	17
—	—	—	—	..	—	—	..	18
6,844,660	—	—	—	2,071,838	—	—	30,134,598	19
65,368,600	—	—	—	19,846,836	—	—	292,360,801	20
—	—	—	—	—	—	—	..	21
—	—	—	—	—	—	—	11,736,936	22
3,166,943	5,862,463	—	—	318,686,034	17,479,163	—	411,797,459	23
348,364	644,871	—	—	35,055,464	1,922,708	—	45,297,722	24
17,390,900	—	—	—	—	—	—	17,390,900	25
5,391,179	—	—	—	—	—	—	5,391,179	26
—	—	—	—	—	—	—	1,000,000	27
—	—	—	—	—	—	—	1,534,000	28
298,391,712	130,014,889	—	—	3,699,520	—	—	437,298,121	29
247,764,605	107,548,475	—	—	3,107,597	—	—	362,781,957	30
344,736	—	—	—	—	—	—	344,736	31
21,848,696	—	—	—	—	—	—	21,848,696	32
125,400	18,649	94,711	—	—	—	—	482,960	33
591,415	90,448	459,348	—	—	—	—	2,240,101	34
9,925,406	745,802	808,400	11	6,420,400	6,115,704	76,380	30,739,429	35
13,736,762	1,032,190	1,118,826	15	8,885,834	8,464,134	105,710	42,543,371	36
—	—	—	—	—	—	—	—	37
—	—	—	—	—	—	—	—	38
7,705	1,783	9,054	—	—	—	—	74,942	39
46,230	11,590	58,851	—	—	—	—	483,271	40
..	—	—	—	—	—	—	..	41
..	—	—	—	—	—	—	..	42
—	—	—	—	1,062,073	—	—	1,062,073	43
—	—	—	—	743,450	—	—	743,450	44
—	—	—	—	—	—	—	—	45
—	—	—	—	—	—	—	—	46
—	—	—	—	—	..	—	..	47
—	—	—	—	—	..	—	..	48
12,418,896	—	3,863,061	—	—	—	—	16,281,957	49
115,069,438	—	33,821,293	—	—	—	—	148,890,731	50
114,674,309	92,276,752	67,226,669	—	406,126,574	13,834,854	—	915,033,762	51
14,655,377	11,792,969	8,591,568	—	51,902,976	1,768,094	—	116,941,314	52
688,689,055	135,637,986	66,014,338	4,582	171,483,271	14,497,127	14,391,055	1,504,532,688	53
—	—	—	—	—	—	—	—	54
187,450	—	—	—	—	—	—	187,450	54
7,498	—	—	—	—	—	—	7,498	55
33,715	—	—	—	63,000	—	—	1,272,024	56
5,513,100	—	—	—	11,403,000	—	—	134,880,206	57
—	—	—	—	11,379	—	—	177,079	58
—	—	—	—	141,728	—	—	1,753,728	59
—	—	—	—	322	—	—	322	60
—	—	—	—	12,880	—	—	12,880	61
—	—	—	—	—	—	—	8,557	62
—	—	—	—	—	—	—	194,954	63
—	—	—	—	..	—	—	..	64
—	—	—	—	200	—	—	2,004,200	65
—	—	—	—	—	—	—	2	66
—	—	—	—	—	—	—	1,400	67

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1963 - Concluded

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded						
1	Grindstone	—	—	—	10	—
2	\$	—	—	—	2,000	—
3	Gypsum	220,300	—	4,926,000	31,500	—
4	\$	717,600	—	8,417,000	150,000	—
5	Iron oxide	—	—	—	—	1,004
6	\$	—	—	—	—	73,866
7	Lithia	—	—	—	—	663,208
8	\$	—	—	—	—	700,800
9	Magnesitic dolomite, brucite	—	—	—	—	...
10	\$	—	—	—	—	3,106,092
11	Mica	—	—	—	—	568,650
12	\$	—	—	—	—	51,817
13	Nepheline Syenite	—	—	—	—	—
14	\$	—	—	—	—	—
15	Peat Moss	—	—	1,480	34,000	89,417
16	\$	—	—	59,200	1,314,000	2,182,072
17	Potash (K ₂ O)	—	—	—	—	—
18	\$	—	—	—	—	—
19	Pozzolan	—	—	—	—	—
20	\$	—	—	—	—	—
21	Pyrite, pyrrhotite	—	—	—	—	...
22	\$	—	—	—	—	1,629,226
23	Quartz	—	—	2,500	—	400,000
24	\$	—	—	45,000	—	2,050,000
25	Salt	—	—	339,500	—	—
26	\$	—	—	3,922,600	—	—
27	Soapstone, talc, pyrophyllite	31,783	—	—	—	15,958
28	\$	476,745	—	—	—	187,119
29	Sodium sulphate	—	—	—	—	—
30	\$	—	—	—	—	—
31	Sulphur, in smelter gas .....	—	—	—	...	...
32	\$	—	—	—	11,780	177,520
33	Sulphur, elemental	—	—	—	—	—
34	\$	—	—	—	—	—
35	Titanium dioxide, etc	—	—	—	—	...
36	\$	—	—	—	—	14,249,953
37	Total non-metallics	6,398,345	—	14,055,800	1,477,780	139,368,925
Fuels						
38	Coal	—	—	4,622,448	886,523	—
39	\$	—	—	45,102,702	7,225,409	—
40	Natural gas	—	—	—	101,500	—
41	\$	—	—	—	107,500	—
42	Natural gas, by-products	—	—	—	—	—
43	\$	—	—	—	—	—
44	Petroleum, crude	—	—	—	8,000	—
45	\$	—	—	—	11,200	—
46	Total fuels	—	—	45,102,702	7,344,109	—
Structural materials						
47	Clay products	90,000	—	1,589,231	774,024	6,718,792
48	Cement	91,700	—	—	155,073	2,342,590
49	\$	1,986,500	—	—	2,446,000	36,737,171
50	Lime	—	—	—	16,627	343,194
51	\$	—	—	—	409,327	3,704,934
52	Sand and gravel	3,839,105	559,124	6,115,803	4,308,582	40,627,758
53	\$	3,475,738	429,120	3,919,232	2,376,463	20,422,212
54	Stone	302,445	225,000	397,300	3,542,249	26,778,448
55	\$	568,637	225,000	1,197,735	3,177,329	35,826,067
56	Total structural materials	6,120,875	654,120	6,706,198	9,183,143	103,409,176
57	Grand totals, 1963	121,785,645	654,120	67,307,328	26,501,143	537,388,211
58	Grand totals, 1962	101,858,960	677,906	61,651,093	21,811,575	519,453,166

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1963 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	—	—	—	10	1
—	—	—	—	—	—	—	2,000	2
435,000	107,350	—	—	161,486	—	—	5,931,636	3
1,010,000	322,000	—	—	484,458	—	—	11,101,058	4
—	—	—	—	—	—	—	1,004	5
—	—	—	—	—	—	—	73,866	6
—	—	—	—	—	—	—	663,208	7
—	—	—	—	—	—	—	700,800	8
—	—	—	—	—	—	—	...	9
500,000	—	—	—	—	—	—	3,106,092	10
10,000	—	—	—	—	—	—	1,068,650	11
255,409	—	—	—	—	—	—	61,817	12
2,508,356	—	—	—	—	—	—	255,409	13
28,000	23,960	—	—	82,000	—	—	2,508,356	14
1,386,000	982,360	—	—	3,000,000	—	—	258,857	15
—	—	—	—	—	—	—	8,923,632	16
—	—	22,500,000	—	—	—	—	...	17
—	—	—	—	—	—	—	22,500,000	18
—	—	—	—	5,000	—	—	...	19
—	—	—	—	—	—	—	5,000	20
—	—	—	—	—	—	—	492,073	21
1,096,700	246,320	143,528	—	130,000	—	—	1,759,226	22
1,058,100	577,155	114,822	—	53,307	—	—	1,942,355	23
3,224,468	23,500	52,917	93,600	364,700	—	—	4,209,777	24
14,472,515	606,300	2,031,536	1,468,900	—	—	—	3,733,985	25
6,900	—	—	—	—	—	—	22,501,851	26
108,000	—	—	—	—	—	—	54,641	27
—	—	254,078	—	—	—	—	771,864	28
—	—	4,065,625	—	—	—	—	254,078	29
—	—	—	—	—	—	—	4,065,625	30
1,064,598	—	—	—	2,007,698	—	—	311,156	31
—	—	—	—	—	—	—	3,261,596	32
51,802	14,477	589	11,371,500	794,000	—	—	1,161,661	33
—	—	—	—	—	—	—	12,232,668	34
—	—	—	—	—	—	—	...	35
—	—	—	—	—	—	—	14,249,953	36
27,189,969	2,502,592	28,712,572	12,840,400	18,343,664	—	—	250,890,047	37
—	—	1,808,214	2,240,427	942,809	8,584	—	10,509,005	38
—	—	3,583,019	9,553,992	6,022,412	129,023	—	71,616,557	39
16,750,000	—	39,000,000	895,000,000	120,000,000	—	49,300	1,070,900,800	40
6,197,500	—	2,500,000	89,000,000	11,500,000	—	20,200	109,325,200	41
—	—	—	—	—	—	—	...	42
—	—	2,161,585	63,490,000	2,600,000	—	—	68,251,585	43
1,200,000	3,750,000	70,000,000	171,400,000	12,629,000	—	626,000	259,613,000	44
3,872,400	9,050,000	166,000,000	428,500,000	24,959,000	—	826,500	633,219,100	45
10,069,900	9,050,000	174,244,604	590,543,992	45,081,412	129,023	846,700	882,412,442	46
21,433,073	581,546	1,165,200	3,074,583	2,332,197	—	—	37,758,646	47
2,532,244	446,558	230,640	724,239	465,368	—	—	6,988,412	48
39,383,000	9,493,000	5,800,000	13,684,000	8,058,900	—	—	117,588,571	49
963,225	51,561	—	50,610	14,366	—	—	1,439,583	50
11,348,457	857,984	—	889,175	237,601	—	—	17,447,478	51
78,118,878	11,580,888	5,613,103	15,937,485	18,798,187	—	—	185,498,913	52
53,712,707	8,044,256	3,639,604	13,627,207	11,520,592	—	—	121,167,131	53
18,330,036	2,815,686	—	109,042	2,590,453	—	—	55,090,659	54
22,957,663	3,664,660	—	337,914	3,657,910	—	—	71,612,915	55
148,834,900	22,641,446	10,604,804	31,612,879	25,807,200	—	—	365,574,741	56
874,783,824	169,832,024	279,576,318	635,001,853	260,715,547	14,626,150	15,237,755	3,003,409,918	57
913,342,174	158,932,169	240,653,502	566,502,703	235,428,135	13,137,730	17,537,066	2,850,986,179	58

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1962

No.		Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	196,501
4		\$	—	—	—	332,418
5	Cadium	lb.	—	—	—	66,293
6		\$	—	—	—	114,024
7	Calcium	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Columbium (Cb ₂ O ₃)	lb.	—	—	—	1,016,514
12		\$	—	—	—	1,006,349
13	Copper	lb.	34,616,626	—	407,418	7,347,949
14		\$	10,731,154	—	126,300	2,277,864
15	Gold	oz.	13,966	—	—	553
16		\$	522,468	—	—	20,688
17	Indium	—	—	—	—	—
18		—	—	—	—	—
19	Iron ore	ton	7,986,910	—	—	—
20		\$	67,753,153	—	—	—
21	Iron, remelt	—	—	—	—	—
22		\$	—	—	—	—
23	Lead	lb.	50,660,572	—	5,363,377	3,758,717
24		\$	5,025,529	—	532,047	372,865
25	Magnesium	lb.	—	—	—	—
26		\$	—	—	—	—
27	Molybdenum	lb.	—	—	—	—
28		\$	—	—	—	—
29	Nickel	lb.	—	—	—	—
30		\$	—	—	—	—
31	Platinum group	oz.	—	—	—	—
32		\$	—	—	—	—
33	Selenium	lb.	—	—	—	—
34		\$	—	—	—	—
35	Silver	oz.	1,181,648	—	724,245	178,521
36		\$	1,376,620	—	843,745	207,977
37	Tantalum (Ta ₂ O ₅)	—	—	—	—	—
38		—	—	—	—	—
39	Tellurium	lb.	—	—	—	—
40		\$	—	—	—	—
41	Thorium	—	—	—	—	—
42		—	—	—	—	—
43	Tin	lb.	—	—	—	—
44		\$	—	—	—	—
45	Titanium ore	—	—	—	—	—
46		—	—	—	—	—
47	Tungsten (WO ₃)	lb.	—	—	—	—
48		\$	—	—	—	—
49	Uranium (U ₃ O ₈)	lb.	—	—	—	—
50		\$	—	—	—	—
51	Zinc	lb.	65,081,560	—	1,513,140	4,996,488
52		\$	7,874,869	—	183,090	604,575
53	Total metals	\$	93,283,793	—	1,685,182	3,483,969
Non-metallics						
54	Arsenious oxide	lb.	—	—	—	—
55		\$	—	—	—	—
56	Asbestos	ton	—	—	—	—
57		\$	—	—	—	—
58	Barite	ton	—	—	—	—
59		\$	—	—	—	—
60	Diatomite	ton	—	—	—	—
61		\$	—	—	—	—
62	Feldspar	ton	—	—	—	—
63		\$	—	—	—	—
64	Fluorspar	—	—	—	—	—
65		\$	—	—	—	—
66	Grindstone	ton	1,870,184	—	—	—
67		\$	—	—	—	—
68	Gypsum	ton	83,992	—	—	—
69		\$	284,564	—	—	—
				4,451,072	91,835	—
				7,113,517	161,649	—

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1962

Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	1,931,397	—	—	1,931,397	1
—	—	—	—	748,223	—	—	748,223	2
—	—	—	—	228,601	—	—	425,102	3
—	—	—	—	507,494	—	—	839,912	4
—	189,272	128,223	—	2,086,692	134,493	—	2,604,973	5
—	325,548	220,544	—	3,839,513	231,328	—	4,730,957	6
123,511	—	—	—	—	—	—	123,511	7
124,412	—	—	—	—	—	—	124,412	8
2,649,193	832,729	—	—	—	—	—	3,481,922	9
4,765,808	1,579,397	—	—	—	—	—	6,345,205	10
—	—	—	—	—	—	—	1,016,514	11
—	—	—	—	—	—	—	1,006,349	12
377,990,690	25,475,004	64,033,759	—	108,979,144	429,000	628,801	914,770,211	13
116,347,723	7,897,714	19,850,465	—	33,766,394	132,990	194,928	282,732,696	14
2,421,249	68,259	66,034	186	159,492	54,805	400,292	4,178,396	15
90,578,924	2,553,569	2,470,332	6,958	5,966,596	2,050,255	14,974,924	156,313,794	16
—	—	—	—	..	—	—	..	17
—	—	—	—	..	—	—	..	18
6,414,936	—	—	—	1,793,848	—	—	27,359,676	19
64,479,510	—	—	—	18,326,911	—	—	263,004,217	20
—	—	—	—	—	—	—	..	21
2,287,087	7,584,246	—	—	335,282,537	16,290,125	—	9,845,669	22
226,879	752,357	—	—	33,260,028	1,615,980	—	430,658,673	23
17,631,310	—	—	—	—	—	—	42,721,341	24
4,821,823	—	—	—	—	—	—	17,631,310	25
—	—	—	—	—	—	—	4,821,823	26
—	—	—	—	—	—	—	817,705	27
—	—	—	—	—	—	—	1,261,451	28
333,163,344	122,963,069	—	—	3,476,467	—	1,801,002	464,483,999	29
274,219,955	102,586,082	—	—	2,902,850	—	1,503,837	383,784,622	30
470,782	—	—	—	5	—	—	470,787	31
28,848,262	—	—	—	375	—	—	28,848,637	32
142,915	11,477	56,265	—	—	—	—	487,066	33
821,761	65,993	323,524	—	—	—	—	2,800,630	34
9,383,445	847,879	762,215	17	6,186,937	6,482,244	72,802	30,422,972	35
10,931,713	987,779	887,980	20	7,207,782	7,551,814	84,814	35,442,761	36
—	—	—	—	—	—	—	—	37
—	—	—	—	—	—	—	—	38
7,011	1,008	4,982	—	—	—	—	58,725	39
42,066	6,048	29,892	—	—	—	—	352,350	40
..	—	—	—	—	—	—	..	41
..	—	—	—	—	—	—	..	42
—	—	—	—	650,941	—	—	650,941	43
—	—	—	—	442,640	—	—	442,640	44
—	—	—	—	—	—	—	—	45
—	—	—	—	—	—	—	—	46
—	—	—	—	—	3,580	—	3,580	47
—	—	—	—	—	1,611	—	1,611	48
12,805,203	—	4,053,966	—	—	—	—	16,859,169	49
118,283,081	—	39,900,588	—	—	—	—	158,183,669	50
126,264,684	99,840,226	61,799,241	—	413,431,339	11,888,876	—	926,289,098	51
15,278,027	12,080,667	7,477,708	—	50,025,192	1,438,554	—	112,080,981	52
729,769,944	128,835,154	71,161,033	6,978	156,993,998	13,022,532	16,758,503	1,496,433,950	53
—	—	—	—	—	—	—	—	54
160,750	—	—	—	—	—	—	160,750	54
6,832	—	—	—	—	—	—	6,832	55
35,551	—	—	—	55,132	—	—	1,215,814	56
5,686,720	—	—	—	10,297,360	—	—	130,281,966	57
—	—	—	—	6,511	—	—	226,600	58
—	—	—	—	57,062	—	—	2,123,964	59
—	—	—	—	211	—	—	211	60
—	—	—	—	10,228	—	—	10,228	61
—	—	—	—	—	—	—	9,994	62
—	—	—	—	—	—	—	222,460	63
—	—	—	—	—	—	—	..	64
—	—	—	—	—	—	—	1,870,184	65
—	—	—	—	—	—	—	10	66
—	—	—	—	—	—	—	2,000	67
435,140	122,870	—	—	147,900	—	—	5,332,809	68
1,007,818	338,527	—	—	443,700	—	—	9,349,775	69

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1962 - Concluded

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded						
1	Iron oxide	—	—	—	—	771
2	\$	—	—	—	—	58,363
3	Lithia	—	—	—	—	499,736
4	\$	—	—	—	—	558,654
5	Magnesitic dolomite and brucite	—	—	—	—	...
6	\$	—	—	—	—	3,431,873
7	Mica	—	—	—	—	702,762
8	\$	—	—	—	—	75,350
9	Mineral water	—	—	—	—	372,048
10	\$	—	—	—	—	204,545
11	Nepheline syenite	—	—	—	—	—
12	\$	—	—	—	—	—
13	Peat moss	—	—	4,734	35,010	77,899
14	\$	—	—	132,866	1,407,433	1,968,483
15	Potash (K ₂ O)	—	—	—	—	—
16	\$	—	—	—	—	—
17	Pozzolana	—	—	—	—	—
18	\$	—	—	—	—	—
19	Pyrite, pyrrhotite	—	—	—	—	...
20	\$	—	—	—	—	1,813,785
21	Quartz	—	—	2,502	—	392,395
22	\$	—	—	45,036	—	2,037,944
23	Salt	—	—	312,519	—	—
24	\$	—	—	3,112,753	—	—
25	Soapstone, talc, pyrophyllite	22,794	—	—	—	15,285
26	\$	343,210	—	—	—	154,086
27	Sodium sulphate	—	—	—	—	—
28	\$	—	—	—	—	—
29	Sulphur, in smelter gas	—	—	—	—	...
30	\$	—	—	—	—	167,860
31	Sulphur, elemental	—	—	—	—	—
32	\$	—	—	—	—	—
33	Titanium dioxide, etc.	—	—	—	—	...
34	\$	—	—	—	—	11,573,862
35	Total non-metallics	2,497,958	—	12,471,074	1,571,082	136,565,151
Fuels						
36	Coal	—	—	4,204,779	815,529	—
37	\$	—	—	41,713,202	6,752,042	—
38	Natural gas	—	—	—	95,750	—
39	\$	—	—	—	134,476	—
40	Natural gas, by-products	—	—	—	—	—
41	\$	—	—	—	—	—
42	Petroleum, crude	—	—	—	10,333	—
43	\$	—	—	—	14,466	—
44	Total fuels	—	—	41,713,202	6,900,984	—
Structural materials						
45	Clay products	142,000	—	1,712,503	822,400	7,450,131
46	Cement	96,916	—	—	169,823	2,242,591
47	\$	1,985,524	—	—	2,774,908	33,330,630
48	Lime	—	—	—	17,341	365,473
49	\$	—	—	—	389,876	4,431,612
50	Sand and gravel	4,250,942	531,196	4,375,842	5,128,365	44,000,000
51	\$	3,504,594	452,906	2,738,424	2,790,933	23,000,000
52	Stone	227,707	225,000	548,834	2,950,906	24,173,016
53	\$	445,091	225,000	1,330,708	3,077,423	33,242,778
54	Total structural materials	6,077,209	677,906	5,781,635	9,855,540	101,455,151
55	Grand totals, 1962	101,858,960	677,906	61,651,093	21,811,575	519,453,166
56	Grand totals, 1961	91,618,709	606,644	61,693,156	18,804,385	455,522,933

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1962 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	—	—	—	771	1
—	—	—	—	—	—	—	58,363	2
—	—	—	—	—	—	—	499,736	3
—	—	—	—	—	—	—	558,654	4
—	—	—	—	—	—	—	...	5
—	—	—	—	—	—	—	3,431,873	6
501,272	—	—	—	—	—	—	1,204,034	7
9,248	—	—	—	—	—	—	84,598	8
5,200	—	—	—	—	—	—	377,248	9
2,780	—	—	—	—	—	—	207,325	10
254,418	—	—	—	—	—	—	254,418	11
2,605,421	—	—	—	—	—	—	2,605,421	12
24,801	19,720	—	—	75,881	—	—	238,035	13
455,826	812,724	—	—	2,703,064	—	—	7,480,396	14
—	—	—	—	—	—	—	3,000,000	15
—	—	3,000,000	—	—	—	—	...	16
—	—	—	—	4,927	—	—	4,927	17
—	—	—	—	—	—	—	517,308	18
—	—	—	—	65,799	—	—	1,879,584	19
1,352,613	120,541	172,219	—	45,350	—	—	2,085,620	20
1,077,784	322,806	137,775	—	196,100	—	—	3,817,445	21
3,155,589	25,010	54,931	90,729	—	—	—	3,638,778	22
15,387,911	634,538	1,337,471	1,454,462	—	—	—	21,927,135	23
8,082	—	—	—	—	—	—	46,161	24
127,912	—	—	—	—	—	—	625,208	25
—	—	246,672	—	—	—	—	246,672	26
—	—	3,954,273	—	—	—	—	3,954,273	27
—	—	—	—	—	—	—	292,728	28
915,442	—	—	—	2,006,235	—	—	3,089,537	29
—	—	—	—	—	—	—	695,098	30
37,435	56,990	21,674	8,308,209	862,691	—	—	9,286,999	31
—	—	—	—	—	—	—	...	32
—	—	—	—	—	—	—	11,573,862	33
27,321,129	2,165,585	8,451,193	9,762,671	16,647,166	—	—	217,453,009	34
—	—	—	—	—	—	—	—	35
—	—	2,256,306	2,087,310	913,196	7,649	—	10,284,769	36
—	—	4,553,900	9,969,608	6,056,263	115,198	—	69,160,213	37
15,648,294	—	38,845,732	770,963,122	121,093,122	—	56,707	946,702,727	38
5,802,387	—	2,295,783	88,660,759	11,724,236	—	23,518	108,641,159	39
—	—	—	—	—	—	—	...	40
—	—	1,878,643	46,190,893	2,708,970	—	—	50,778,506	41
1,134,534	3,926,683	64,432,411	165,124,967	8,914,220	—	572,004	244,115,152	42
3,661,174	9,435,819	141,783,520	379,830,363	16,872,122	—	755,045	552,352,509	43
9,463,561	9,435,819	150,511,846	524,651,623	37,361,591	115,198	778,563	780,932,387	44
—	—	—	—	—	—	—	—	45
20,146,786	621,275	1,354,635	3,445,687	2,121,461	—	—	37,816,878	46
2,510,783	432,079	230,072	799,030	397,435	—	—	6,878,729	47
38,704,090	8,715,034	5,830,227	14,780,423	7,112,890	—	—	113,233,726	48
910,930	46,348	—	48,138	36,229	—	—	1,424,459	49
10,527,910	800,418	—	842,615	654,157	—	—	17,646,588	50
76,600,813	9,692,025	5,317,336	13,469,848	17,879,395	—	—	181,245,762	51
52,365,204	6,770,210	3,344,568	12,644,098	10,992,346	—	—	118,603,283	52
18,797,648	943,765	—	105,695	2,580,914	—	—	50,553,485	53
25,043,550	1,588,674	—	368,608	3,544,526	—	—	68,866,358	54
146,787,540	18,495,611	10,529,430	32,081,431	24,425,380	—	—	356,166,833	55
913,342,174	158,932,169	240,653,502	566,502,703	235,428,135	13,137,730	17,537,066	2,850,986,179	56
943,669,456	101,489,787	215,977,233	473,480,540	188,542,078	12,750,304	18,145,162	2,582,300,387	57

TABLE 6. ALUMINUM

Year	Production of aluminum ingots	Consumption of aluminum ingots	Exports		Imports of ingots, slabs and blooms
			Primary forms	Semi-fabricated forms	
tons of 2,000 pounds					
1954	557,897	80,355	468,494	17,447	115
1955	612,453	91,522	506,879	16,658	99
1956	620,321	91,869	508,994	7,078	1,405
1957	556,715	77,984	478,670	12,593	2,122
1958	634,102	101,886	482,927	17,390	11,257
1959	593,630	88,697	505,342	25,158	854
1960	762,012	113,000	552,155	30,123	500
1961	663,173	127,000	487,034	22,969	636
1962	690,297	..	576,206	22,643	3,855
1963	719,390	..	635,187	13,252	1,954

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.

TABLE 7. ANTIMONY

Year	Total production in all forms ¹		Production, refined metal	Imports		Consumption, refined metal
	Pounds	Value		Refined metal or regulus		
				Pounds	Value	Pounds
		\$			\$	
1954	1,302,333	349,249	—	2,043,544	490,782	1,518,000
1955	2,021,726	563,345	—	1,359,163	356,340	1,465,000
1956	2,140,432	687,527	—	1,803,630	353,277	1,477,000
1957	1,360,731	370,442	—	1,794,846	349,465	1,400,000
1958	858,633	284,208	—	808,053	140,796	1,027,000
1959	1,657,797	540,276	—	1,170,796	230,895	...
1960	1,651,786	538,482	—	843,794	158,266	...
1961	1,331,297	469,948	—	832,547	170,190	...
1962	1,931,397	748,223	—	1,275,917	231,587	...
1963	1,525,830	595,074	—	1,036,235	183,625	...

¹ Since 1945 the figures represent antimony content of antimonial lead produced at primary smelter. Production includes antimony in flue dust and slag.

TABLE 8. BISMUTH

Year	Total production in all forms		Production refined metal	Imports refined metal ¹		Consumption, refined metal ²
	Pounds	Value		Pounds	Imports refined metal ¹	
					Pounds	Value	Pounds
		\$			\$	
1954	258,675	572,183	225,352 ³	—	—	74,000
1955	265,896	572,362	160,766 ³	5,908	11,888	92,000
1956	285,861	544,900	156,000 ³	24,025	49,143	131,000
1957	319,941	584,917	146,000 ³	9,614	20,287	55,000
1958	412,792	771,267	172,000 ³	12,857	26,178	39,900
1959	334,736	590,212	182,000 ³	13,002	26,829	39,700
1960	423,827	762,048	248,000 ³	7,648	15,042	44,700
1961	478,118	957,625	305,000 ³	17,983	24,567	42,600
1962	425,102	839,912	230,000 ³	57,063	38,494	..
1963	380,289	747,458	177,500 ³	6,383	8,548	..

¹ Includes bismuth residues.

² Revised from reports of consumers.

³ Includes some bismuth from foreign ores.

TABLE 9. CADMIUM

Year	Production in all forms		Consumption refined metal	Exports, refined metal	
	Pounds	Value		Pounds	Value
		\$			\$
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	2,339,421	3,977,016	286,000	1,922,685	2,824,485
1957	2,368,130	4,025,821	234,000	1,941,680	2,918,645
1958	1,756,050	2,669,195	344,000	1,263,617	1,733,135
1959	2,160,363	2,765,265	993,000	1,979,638	2,244,293
1960	2,357,497	3,347,646	737,000	2,056,333	2,627,431
1961	1,357,874 ¹	2,172,598 ²	...	1,901,962	2,339,606
1962	2,609,973	4,730,957	...	2,340,289	3,615,435
1963	2,431,171	5,834,809	...	1,939,110	4,457,114

¹ Should read 2,221,950 pounds; revision includes 864,076 pounds reported too late for 1961 publication.

² Should read \$3,555,128; revision includes \$1,382,522 reported too late for 1961 publication.

TABLE 10. CHROMITE

Year	Production of chrome ore		Imports of chrome ore	
	Tons	Value	Tons	Value
		\$		\$
1954	—	—	37,516	571,984
1955	—	—	51,854	971,522
1956	—	—	64,965	1,529,411
1957	—	—	111,453	2,751,372
1958	—	—	38,137	812,286
1959	—	—	48,678	1,525,438
1960	—	—	59,023	1,521,812
1961	—	—	71,268	1,908,920
1962	—	—	71,969	2,122,407
1963	—	—	49,654	1,688,568

TABLE 11. COBALT

Year	Total production in all forms ¹		Imports, cobalt ore		Exports			
					Cobalt contained in ores		Metallic cobalt and alloys	
	Pounds	Value	Tons	Value	Pounds	Value	Pounds	Value
		\$		\$		\$		\$
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	3,516,670	9,065,493	10	1,031	16,000	15,092	1,444,227	3,586,111
1957	3,922,649	7,784,423	1	563	15,100	16,477	2,168,142	4,156,031
1958	2,710,429	5,308,298	—	—	—	—	1,034,379	1,918,186
1959	3,150,027	5,954,916	—	—	—	—	683,603	1,219,787
1960	3,568,811	6,783,016	—	—	—	—	846,167	1,375,856
1961	3,182,897	4,751,543	—	—	—	—	603,931	1,039,073
1962	3,481,922	6,345,205	—	—	—	—	542,565	919,083
1963	2,815,184	5,324,032	1	288	...	...	739,227	1,214,975

¹ From Canadian ores only.

COPPER

TABLE 12. Production of Primary Copper in All Forms¹

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1954	3,481	2,029,876	991	577,868	—	—	83,980	48,948,202
1955	3,052	2,250,672	1,027	757,758	36	26,290	101,021	74,502,645
1956	3,108	2,574,274	404	334,704	6	5,272	122,300	101,288,640
1957	4,535	2,625,986	—	—	5,738	3,322,400	112,409	65,084,941
1958	14,751	7,499,372	—	—	328	166,683	131,445	66,826,788
1959	14,989	8,876,570	—	—	—	—	134,912	79,894,820
1960	13,863	8,398,362	—	—	—	—	157,470	95,395,158
1961	15,752	9,195,817	—	—	—	—	149,007	86,990,202
1962	17,308	10,731,154	204	126,300	3,674	2,277,864	147,431	91,407,164
1963	14,058	8,856,369	321	202,195	8,150	5,134,500	145,019	91,362,122
	Ontario		Manitoba		Saskatchewan			
	Tons	Value	Tons	Value	Tons	Value		
		\$		\$		\$		\$
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	156,271	128,552,450	17,973	14,890,139	33,116	27,426,903		
1957	171,703	98,488,877	18,551	10,686,798	30,597	17,715,571		
1958	142,035	71,267,895	12,601	6,383,403	37,510	19,070,139		
1959	188,273	110,547,037	12,945	7,666,147	35,536	21,044,574		
1960	206,272	123,750,235	12,793	7,749,877	31,785	19,255,437		
1961	211,647	122,421,860	12,454	7,271,252	33,479	19,545,019		
1962	188,995	116,347,723	12,738	7,897,714	32,017	19,850,465		
1963	180,058	112,137,657	16,954	10,680,923	30,211	19,033,172		
	British Columbia		Yukon		Northwest Territories		Canada	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1954	25,088	14,544,212	—	—	—	—	302,732	175,712,693
1955	22,127	16,267,579	—	—	—	—	325,994	239,756,455
1956	21,682	17,885,709	—	—	—	—	354,860	292,958,091
1957	15,411	8,877,743	—	—	165	95,672	359,109	206,897,988
1958	6,010	2,995,902	—	—	434	220,748	345,114	174,430,930
1959	8,121	4,781,508	—	—	493	292,157	395,269	233,102,813
1960	16,559	9,982,552	—	—	520	315,016	439,262	264,846,637
1961	15,845	9,205,938	440	257,098	463	270,440	439,088	255,157,626
1962	54,490	33,766,394	214	132,990	324	194,928	457,385	282,732,696
1963	63,964	40,297,518	—	—	—	—	458,735	287,704,456

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

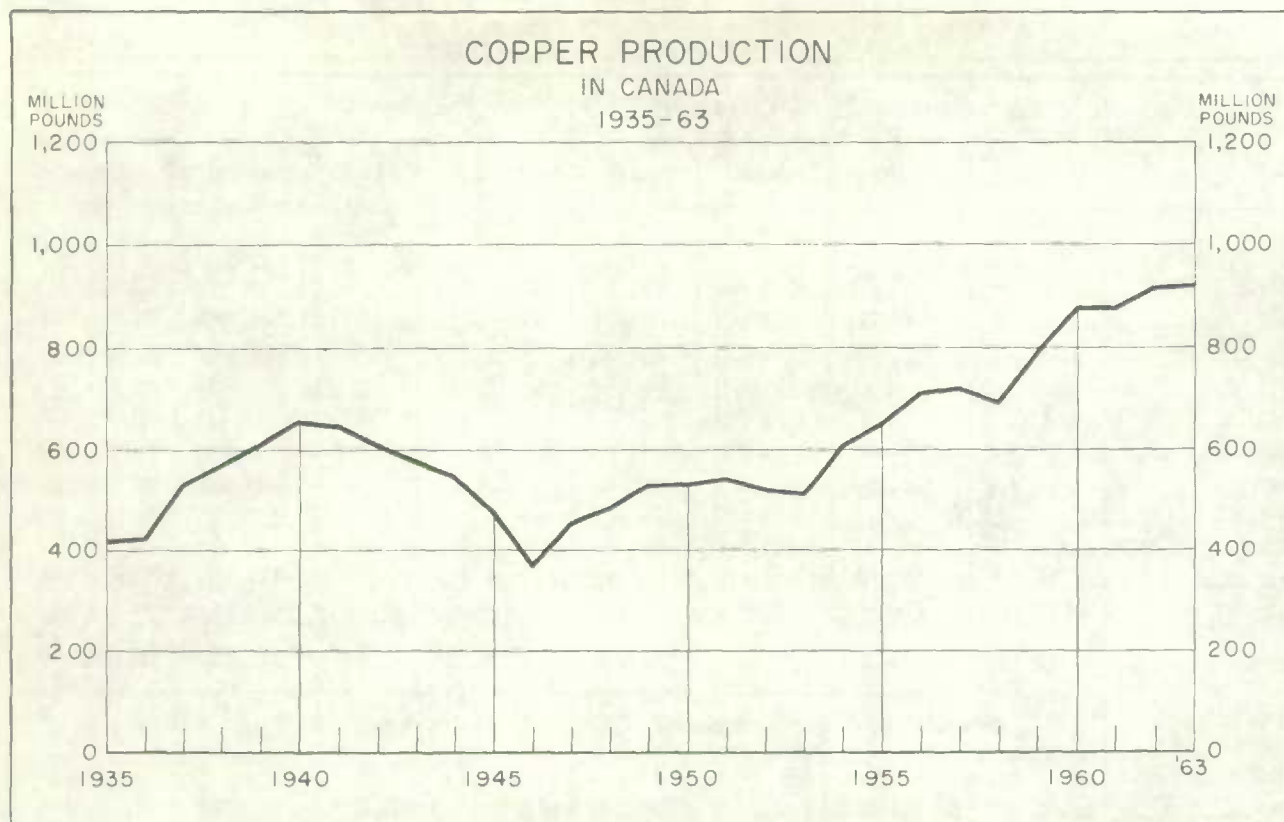


TABLE 13. Production of Refined Copper, Consumption, Imports and Exports

Year	Production	Domestic consumption	Exports, ingots, bars	Imports
tons of 2,000 pounds				
1954	253,365	102,000	156,130	1
1955	288,997	139,280	153,200	35
1956	328,458	145,285	174,844	2,541
1957	323,540	118,223	198,794	4,175
1958	329,239	122,893	224,638	1
1959	365,366	129,973	222,437	105
1960	417,029	117,637	278,066	25
1961	406,359	141,808	266,247	3
1962	382,868	151,526	223,043	147
1963	378,911	169,751	214,987	6,549

TABLE 14. Exports of Primary Copper

Year	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	Value	Tons	Value
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
1957	46,548	24,201,622	198,794	124,941,474
1958	30,316	13,603,456	224,638	111,996,370
1959	32,070	17,017,395	222,437	130,246,946
1960	47,633	25,994,774	278,066	170,153,158
1961	42,894	18,635,983	266,247	154,409,513
1962	95,544	41,260,344	223,043	139,701,127
1963	92,930	44,630,977	214,987	136,798,100

GOLD

TABLE 15. Gold Production by Provinces

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec	
	Troy oz.	Value	Troy oz.	Value	Troy oz.	Value	Troy oz.	Value
		\$		\$		\$		\$
1954	6,528	222,409	3,754	127,899	—	—	1,098,570	37,428,280
1955	6,337	218,753	3,880	133,938	—	—	1,154,522	39,854,099
1956	8,213	282,938	1,279	44,061	—	—	1,036,059	35,692,233
1957	9,755	327,280	45	1,510	240	8,052	1,006,895	33,781,327
1958	13,381	454,686	131	4,451	52	1,767	1,044,846	35,503,867
1959	13,411	450,207	—	—	—	—	999,388	33,549,455
1960	13,515	458,834	3	102	—	—	1,035,914	35,169,280
1961	14,429	511,652	—	—	—	—	1,054,029	37,375,868
1962	13,966	522,468	—	—	553	20,688	993,560	37,169,080
1963	12,724	480,204	—	—	850	32,079	931,621	35,159,377
	Ontario		Manitoba		Saskatchewan		Alberta	
1954	2,361,385	80,452,387	134,944	4,597,542	101,785	3,467,815	195	6,644
1955	2,523,040	87,095,340	123,888	4,276,614	83,580	2,885,182	214	7,387
1956	2,513,912	86,604,268	120,232	4,141,992	82,687	2,848,567	119	4,100
1957	2,578,206	86,498,811	120,008	4,026,268	75,236	2,524,168	416	13,957
1958	2,716,514	92,307,146	87,356	2,968,357	86,590	2,942,328	282	9,582
1959	2,683,449	90,083,383	51,186	1,718,314	78,588	2,638,199	200	6,714
1960	2,732,673	92,774,248	52,762	1,791,270	84,775	2,878,111	191	6,484
1961	2,637,720	93,533,551	57,747	2,047,709	70,784	2,510,000	171	6,064
1962	2,421,249	90,578,924	68,259	2,553,569	66,034	2,470,332	186	6,958
1963	2,326,433	87,799,581	50,550	1,915,437	69,074	2,606,853	111	4,567
	British Columbia		Yukon		Northwest Territories		Canada	
1954	268,508	9,148,068	82,208	2,800,826	308,563	10,512,741	4,366,440	148,764,611
1955	252,979	8,732,835	72,201	2,492,379	321,321	11,092,001	4,541,962	156,788,528
1956	196,692	6,776,040	72,001	2,480,434	352,669	12,149,447	4,383,863	151,024,080
1957	229,113	7,686,741	73,962	2,481,425	340,018	11,407,604	4,433,894	148,757,143
1958	210,612	7,156,596	67,745	2,301,975	343,838	11,683,615	4,571,347	155,334,370
1959	184,312	6,187,354	66,960	2,247,847	405,922	13,626,802	4,483,416	150,508,275
1960	212,859	7,226,563	78,115	2,652,004	418,104	14,194,631	4,628,911	157,151,527
1961	164,467	5,832,000	66,878	2,371,494	407,474	14,449,028	4,473,699	158,637,366
1962	159,492	5,966,596	54,805	2,050,255	400,292	14,974,924	4,178,396	156,313,794
1963	156,000	5,887,440	53,120	2,004,749	378,520	14,285,345	3,979,003	150,175,632

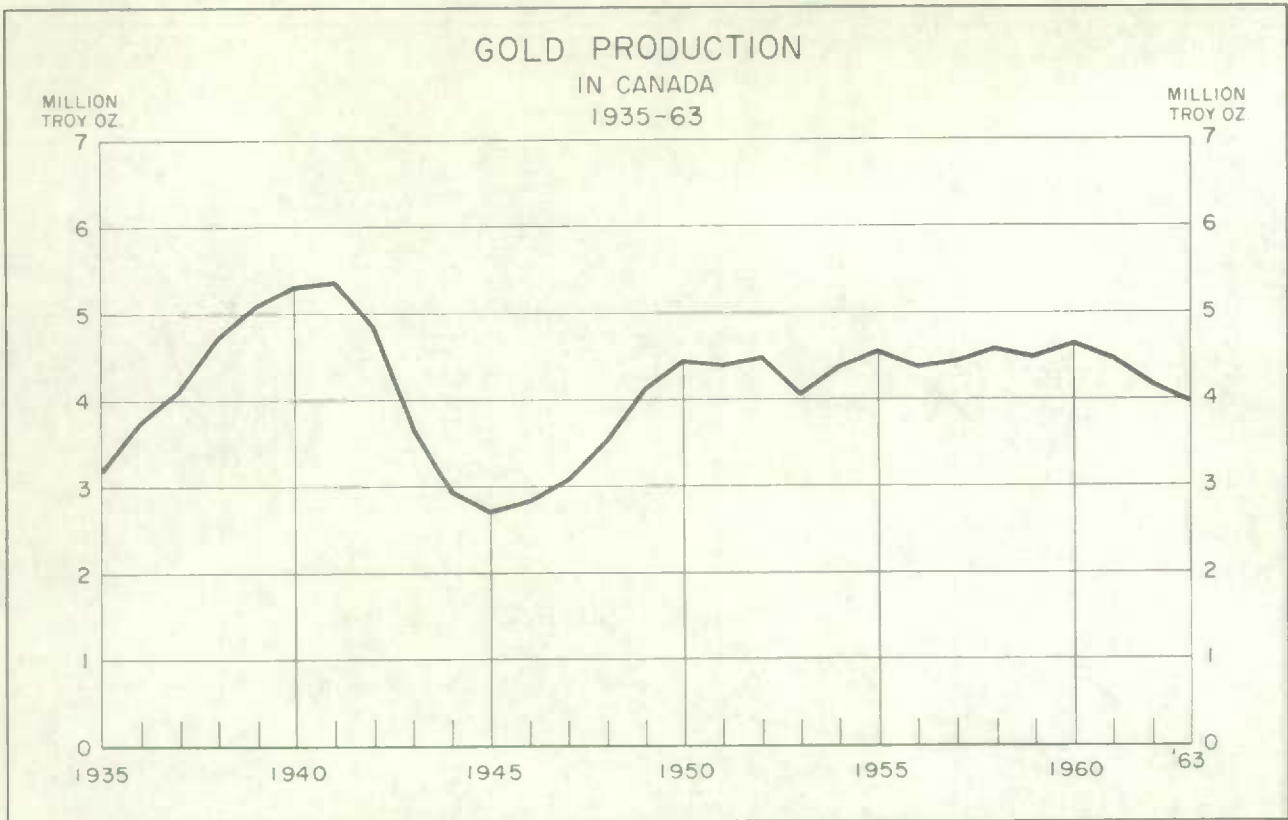
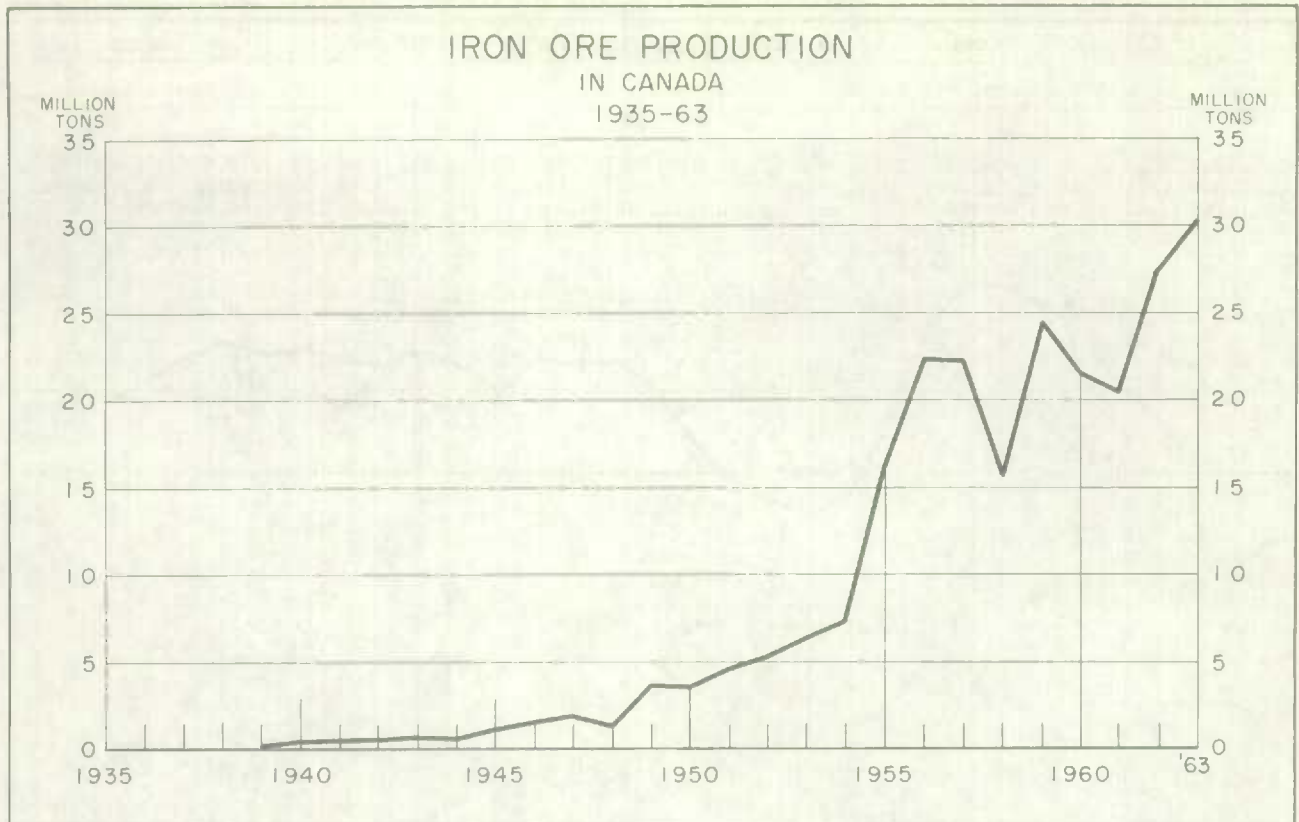


TABLE 16. IRON ORE

Year	Producers' shipments		Imports		Exports	
	Short tons	Value	Short tons	Value	Short tons	Value
		\$		\$		\$
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	22,348,278	160,362,118	5,068,861	38,722,103	20,265,370	144,442,550
1957	22,272,174	167,221,425	4,539,029	36,386,788	20,129,501	152,281,394
1958	15,726,323	126,131,181	3,412,977	28,932,053	13,878,272	107,674,258
1959	24,488,325	192,666,101	2,801,001	27,128,891	20,778,786	157,814,102
1960	21,550,830	175,082,523	5,056,348	48,370,303	18,559,400	151,678,119
1961	20,359,003	187,950,047	4,628,154	47,433,053	16,652,346	142,565,982
1962	27,359,676	263,004,217	5,157,397	56,324,342	24,243,249	220,521,995
1963	30,134,598	292,360,801	5,964,799	67,872,770	26,717,570	270,948,783

**TABLE 17. LEAD**

Year	Production of primary lead in all forms ¹		Production, refined lead ²	Exports				Consumption, refined lead
	Tons	Value		Lead contained in ore		Pig lead		
			Tons	Value	Tons	Value	Tons	Value	Tons
		\$			\$		\$	
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	188,854	58,582,651	147,865	49,974	13,547,850	79,633	21,451,906	65,676
1957	181,484	50,670,407	142,935	44,650	10,623,417	84,541	18,862,323	50,083
1958	186,680	42,413,805	132,987	54,081	10,677,273	92,351	15,376,517	47,746
1959	186,696	39,616,835	135,296	53,726	9,814,916	92,252	15,183,277	49,414
1960	205,650	43,926,888	158,510	51,336	9,086,739	96,449	15,958,094	44,450
1961	230,435	47,054,765	171,833	70,967	9,131,987	117,637	18,189,953	49,673
1962	215,329	42,721,341	152,217	59,495	7,855,245	125,802	17,726,724	52,663
1963	205,899	45,297,722	155,000	53,756	7,206,741	97,144	15,546,270	54,370

¹ Lead in base bullion, plus recoverable lead in ores exported.² Includes lead from foreign ores.**TABLE 18. Production of Lead in All Forms, by Provinces**

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
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	22,788	7,068,813	711	220,521	424	147,204	2,823	891,145
1957	24,512	6,843,665	-	-	1,170	326,663	2,709	756,324
1958	23,980	5,448,339	-	-	94	21,377	3,150	715,620
1959	22,457	4,765,328	-	-	-	-	2,910	617,412
1960	24,022	5,131,091	-	-	-	-	2,169	570,195
1961	21,968	4,485,938	-	-	-	-	3,392	692,694
1962	25,330	5,025,529	2,682	532,047	1,879	372,865	4,716	935,656
1963	24,663	5,425,833	1,772	389,930	2,600	572,000	4,266	938,552

TABLE 18. Production of Lead in All Forms, by Provinces - Concluded

Year	Ontario		Manitoba		British Columbia		Yukon		Canada	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
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	1,505	466,876	-	-	147,701	45,816,877	12,802	3,971,215	188,854	58,582,651
1957	506	141,354	-	-	140,094	39,114,378	12,493	3,488,023	181,484	50,670,407
1958	1,256	285,502	-	-	147,417	33,493,047	10,783	2,449,920	186,680	42,413,805
1959	1,611	341,902	-	-	148,922	31,601,233	10,796	2,290,960	186,696	39,616,835
1960	831	177,490	1,037	221,574	166,947	35,659,900	10,144	2,166,638	205,650	43,926,888
1961	835	170,562	3,054	623,558	192,800	39,369,815	8,385	1,712,198	230,435	47,054,765
1962	1,144	226,879	3,792	752,357	167,641	33,260,028	8,145	1,615,980	215,329	42,721,341
1963	1,583	348,364	2,931	644,871	159,343	35,055,464	8,740	1,922,708	205,898	45,297,722

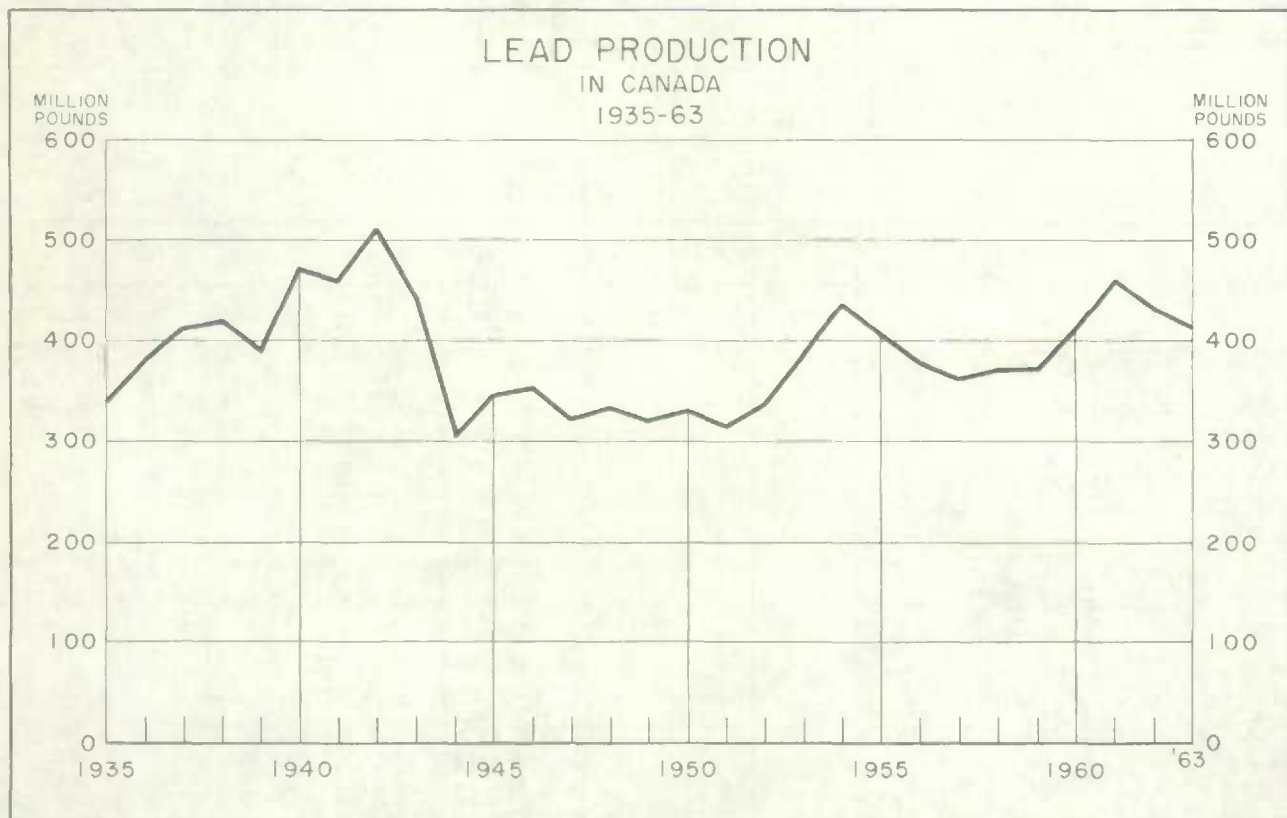


TABLE 19. MAGNESIUM

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	Value		Pounds	Value
		\$			\$
1954 .....	...	4,101,642 ¹	1959	12,204,448	3,179,515
1955 .....	...	6,585,409 ¹	1960	14,577,138	4,313,987
1956	19,212,398	6,079,890	1961	15,270,618	4,307,570
1957	16,770,371	5,254,896	1962	17,631,310	4,821,823
1958	13,591,705	4,064,825	1963	17,390,900	5,391,179

¹ Includes calcium in 1950-55.

TABLE 20. MANGANESE ORE

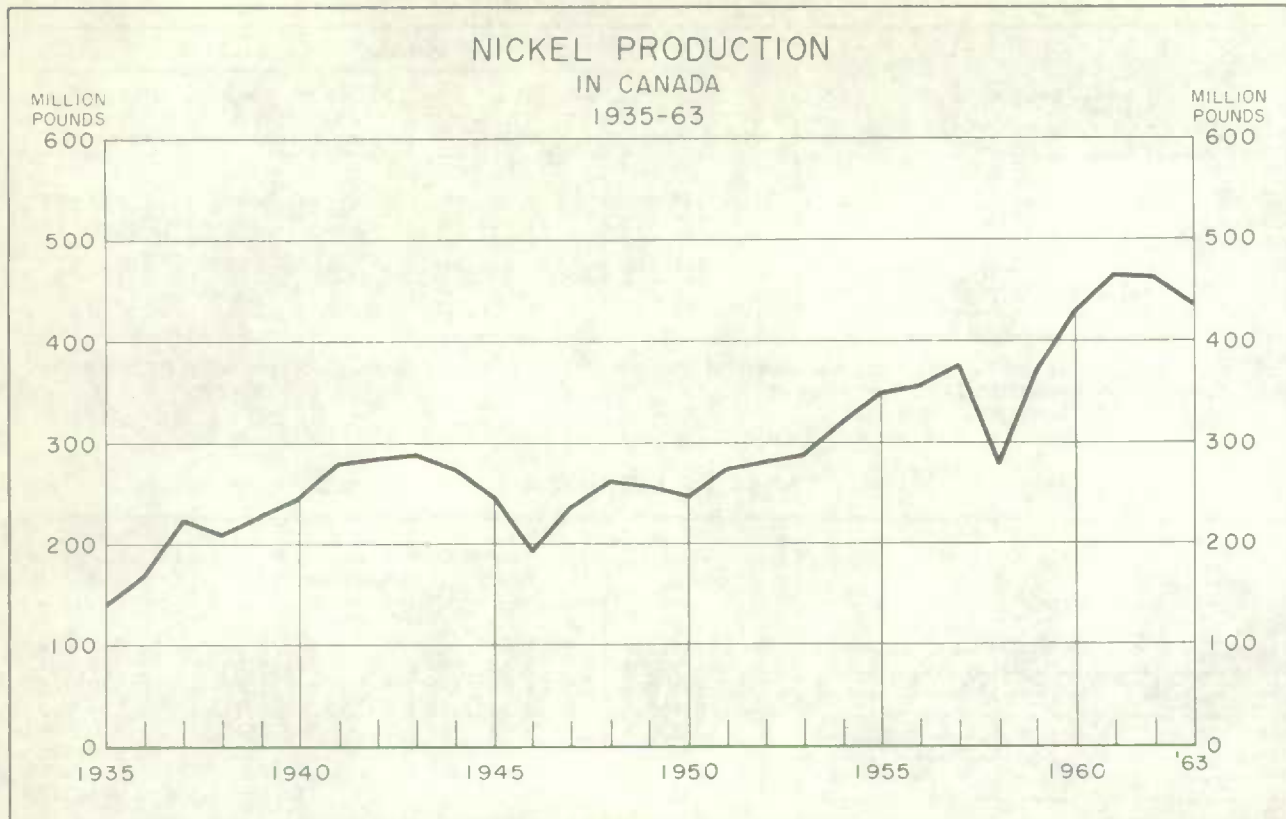
Year	Production		Imports	
	Tons	Value	Tons	Value
		\$		\$
1954	—	—	48,962	2,277,043
1955	—	—	175,282	7,338,269
1956	1,900	207,977	9,137,278
1957	—	—	131,318	7,519,746
1958	—	—	42,060	1,722,965
1959	—	—	118,455	5,017,112
1960	—	—	56,350	2,543,763
1961	—	—	76,016	3,465,313
1962	—	—	90,725	4,037,672
1963	—	—	106,891	3,821,972

TABLE 21. MERCURY

Year	Production		Imports		Exports	
	Pounds	Value	Pounds	Value	Pounds	Value
		\$		\$		\$
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
1957	—	—	400,710	1,167,967	1,425	3,749
1958	—	—	197,073	607,922	2,830	6,821
1959	—	—	141,219	363,678	10,458	25,072
1960	—	—	243,091	593,447	1,918	3,877
1961	—	—	312,913	773,164	..	..
1962	—	—	245,059	417,927	..	..
1963	—	—	447,592	1,022,265	..	..

TABLE 22. MOLYBDENUM

Year	Shipments			Year	Shipments		
	Concentrates	Mo. content	Value		Concentrates	Mo. content	Value
	Tons	Pounds			Tons	Pounds	
			\$				\$
1954	411	451,450	457,912	1959 .....	...	748,566	940,596
1955	762	833,506	823,954	1960 .....	...	767,621	1,015,380
1956	705	842,263	955,828	1961 .....	...	771,358	1,092,201
1957	633	783,739	1,166,557	1962 .....	...	817,705	1,261,451
1958 .....	...	888,264	1,152,838	1963 .....	...	1,000,000	1,534,000

**TABLE 23. NICKEL**

Year	Production of primary nickel in all forms ¹		Exports			
			Nickel contained in ores, matte or speiss		Refined nickel	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	178,515	222,204,860	70,715	86,112,992	104,356	135,044,662
1957	187,958	258,977,309	73,694	98,816,520	103,258	147,859,840
1958	139,559	194,142,019	67,659	92,495,804	85,168	118,786,031
1959	186,550	257,008,801	65,657	88,771,202	102,111	133,227,349
1960	214,506	295,640,279	73,910	99,778,767	108,350	142,549,495
1961	232,991	351,261,720	92,938	128,057,056	133,504	187,213,732
1962	232,242	383,784,622	77,410	117,356,387	121,712	185,517,667
1963	218,649	362,781,957	83,392	126,733,328	109,156	169,236,925

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

TABLE 24. METALS OF THE PLATINUM GROUP

Year	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Troy ounces	Value	Troy ounces	Value
		\$		\$
1954	154,356	12,950,469	189,350	7,956,087
1955	170,494	14,747,732	214,252	8,321,633
1956	151,357	15,725,992	163,451	6,681,098
1957	199,565	17,835,124	216,582	7,896,209

See footnote at end of table.

TABLE 24. METALS OF THE PLATINUM GROUP — Concluded

Year	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Troy ounces	Value	Troy ounces	Value
		\$		\$
1958	146,092	9,481,371	154,366	4,840,072
1959	150,382	11,015,449	177,713	5,916,989
1960 platinum group	483,604	28,873,508	²	²
1961 " "	418,278	24,534,349	²	²
1962 " "	470,787	28,848,637	²	²
1963 " "	344,736	21,848,696	²	²

¹ From 1945 the figures represent the metal content of concentrates produced from nickel-copper ores. Includes small amounts produced intermittently from other sources.

² Combined with platinum in 1960-63.

TABLE 25. SELENIUM

Year	Production		Exports	
	Pounds	Value	Pounds	Value
		\$		\$
1954	323,529	1,617,645	344,292	1,943,752
1955	427,109	3,203,319	334,215	2,555,689
1956	330,389	4,460,252	409,729	6,342,748
1957	321,392	3,535,312	228,051	2,739,020
1958	306,990	2,302,426	250,351	1,700,906
1959	368,107	2,576,749	325,712	1,846,484
1960	521,638	3,651,466	404,410	2,796,407
1961	430,612	2,798,978	345,800	2,251,502
1962	487,066	2,800,630	325,600	2,033,978
1963	482,960	2,240,101	445,700	2,421,738

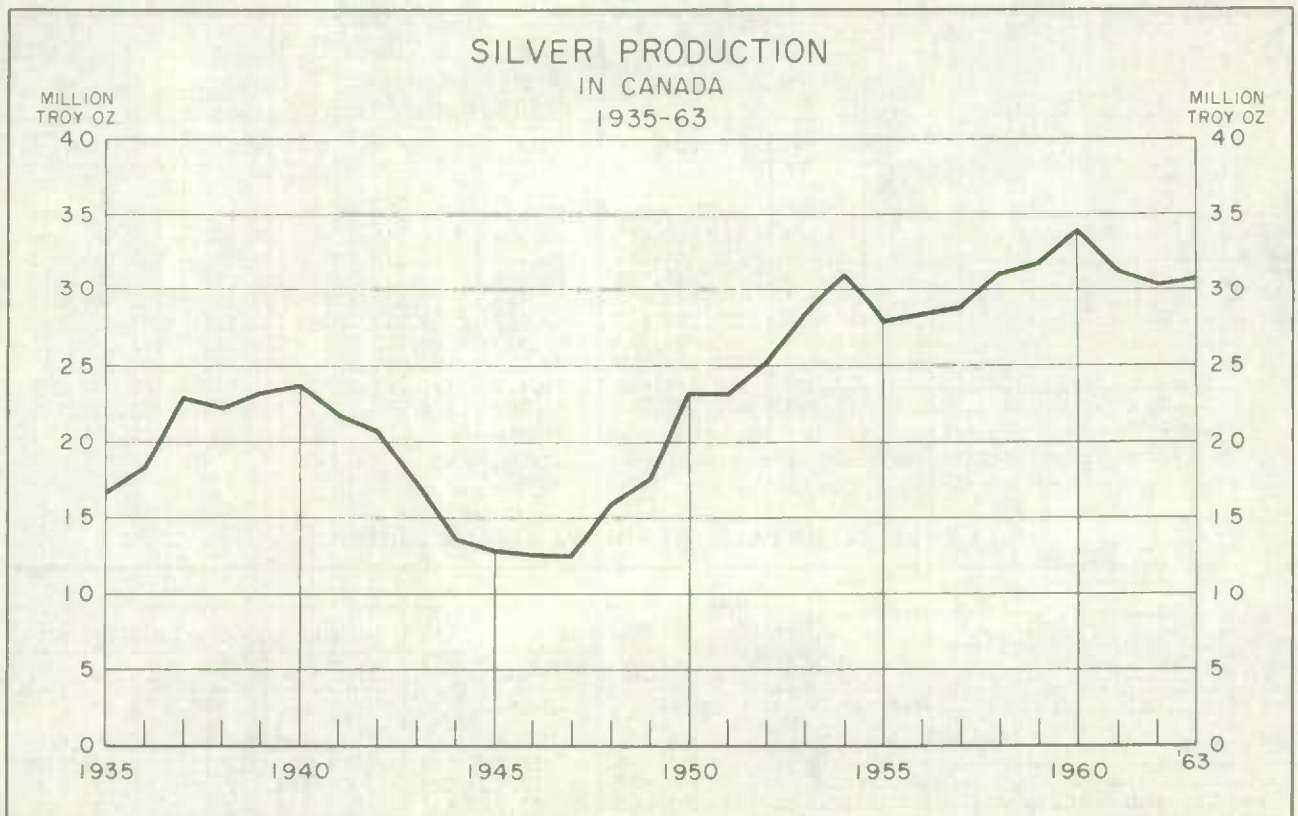


TABLE 26. SILVER

Year	Production of primary silver in all forms		Exports			
			Silver contained in ores, concentrates, etc.		Silver bullion	
	Troy ounces	Value	Troy ounces	Value	Troy ounces	Value
		\$		\$		\$
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	28,431,847	25,497,681	6,924,414	5,871,438	14,341,753	12,821,395
1957	28,823,298	25,182,915	5,979,459	4,943,154	12,799,990	11,691,463
1958	31,163,470	27,053,007	5,098,788	4,274,488	16,026,550	14,279,596
1959	31,923,969	28,022,860	6,814,865	6,210,175	15,140,830	13,511,177
1960	34,016,829	30,244,363	8,897,402	8,255,194	12,761,063	11,315,369
1961	31,381,977	29,580,651	10,352,700	9,454,289	10,783,414	10,093,541
1962	30,422,972	35,442,761	8,801,332	9,104,528	9,445,094	10,941,526
1963	30,739,429	42,543,371	8,286,756	9,643,385	10,834,629	14,782,600

TABLE 27. TELLURIUM

Year	Production		Year	Production	
	Pounds	Value		Pounds	Value
		\$			\$
1954	8,171	14,300	1959	13,023	27,999
1955	9,014	15,774	1960	44,682	156,388
1956	7,867	13,767	1961	77,609	376,404
1957	31,524	55,167	1962	58,725	352,350
1958	38,250	65,025	1963	74,942	483,271

TABLE 28. TIN

Year	Production ¹ of tin		Imports in blocks, pigs		Consumption
	Tons	Value	Tons	Value	Tons
		\$		\$	
1954	164 ¹	263,359	4,296	7,441,782	4,036
1955	246 ¹	408,030	4,836	8,813,544	4,502
1956	378 ¹	670,441	4,227	8,194,367	4,575
1957	355 ¹	580,342	4,654	8,538,741	4,057
1958	398	625,260	3,876	7,060,387	3,688
1959	374	630,004	4,686	9,181,672	...
1960	312	522,243	4,220	8,257,625	...
1961	520	727,578	3,948	8,893,408	...
1962	325	442,640	2,547	6,203,708	...
1963	531	743,450	4,696	11,685,053	...

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

TABLE 29. TITANIUM ORE

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1954	1,541	9,462	1959	26,777	129,565
1955	1,464	10,634	1960	2,947	16,265
1956	2,310	16,561	1961	—	—
1957	10,770	97,075	1962	—	—
1958	—	—	1963	—	—

Note: Titanium ore shipped to other than Canadian smelters.

TABLE 30. TUNGSTEN

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude	WO ₃ content	Value	Pounds	Value
	pounds		\$		\$
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	3,401,712	2,271,437	6,362,368	123,800	160,555
1957	2,994,000	1,921,483	5,279,275	230,700	147,711
1958	1,022,000	690,976	1,898,455	884,100	300,155
1959	—	—	—	840,000	405,508
1960	—	—	—	1,156,900	963,008
1961	—	—	—	501,800	403,327
1962 .....	...	3,580	1,611	2,854,300	858,397
1963 .....	..	..	..	645,500	194,577

TABLE 31. URANIUM

Year	Producers' shipments (U ₃ O ₈)		Year	Producers' shipments (U ₃ O ₈)	
	Pounds	Value		Pounds	Value
		\$			\$
1954 .....	...	26,373,052 ¹	1959	31,784,189	331,143,043
1955 .....	...	26,031,604 ¹	1960	25,495,369	269,938,192
1956	4,561,060	45,732,145	1961	19,281,465	195,691,624
1957	13,271,414	136,304,364	1962	16,859,169	158,183,669
1958	26,805,232	279,538,471	1963	16,281,957	148,890,731

¹ Value of refinery products.

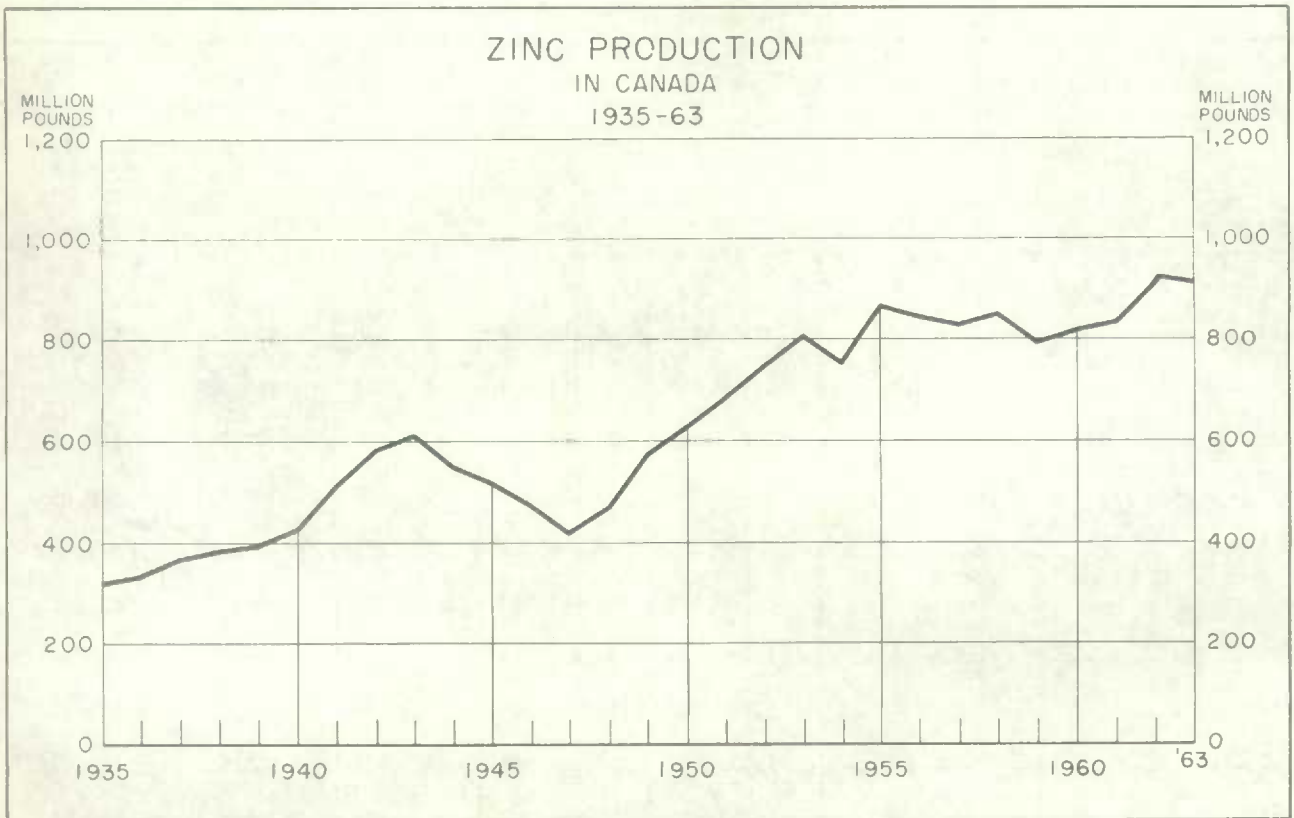
TABLE 32. ZINC

Year	Production, primary zinc in all forms		Production, refined zinc	Con- sumption, refined zinc	Exports			
					Zinc contained in ore		Refined zinc	
	Tons	Value	Tons	Tons	Tons	Value	Tons	Value
		\$				\$		\$
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	422,632	125,437,344	255,564	59,181	199,313	26,484,600	183,728	47,013,213
1957	413,741	100,042,533	247,316	52,714	187,141	20,790,076	202,007	43,481,140
1958	425,099	92,501,496	252,093	56,098	217,823	21,577,630	195,708	33,427,794
1959	396,008	96,942,663	255,306	65,998	181,084	20,918,286	179,552	33,731,652
1960	406,873	108,635,003	260,968	53,457	169,894	16,652,541	207,091	46,354,625
1961	416,004	104,749,879	268,007	63,327	199,322	16,387,259	208,272	42,036,754
1962	463,144	112,080,981	280,159	70,815	242,457	19,228,728	210,723	40,775,571
1963	457,516	116,941,314	284,021	79,311	213,044	18,194,079	200,002	41,664,512

TABLE 33. Production of Zinc in All Forms, by Provinces

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec		Ontario	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
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	34,680	10,293,055	2,088	619,841	530	157,480	85,973	25,516,714	1,227	364,218
1957	35,698	8,631,847	—	—	3,314	801,260	74,295	17,964,469	11,296	2,731,334
1958	33,870	7,370,102	—	—	3,162	687,989	56,923	12,386,340	46,239	10,061,643
1959	31,674	7,753,838	—	—	—	—	47,058	11,519,794	44,982	11,011,498
1960	34,208	9,133,517	—	—	—	—	49,807	13,298,602	45,230	12,076,326
1961	34,639	8,722,020	—	—	—	—	54,005	13,598,467	51,937	13,077,755
1962	32,541	7,874,869	757	183,090	2,498	604,575	70,737	17,118,299	63,132	15,278,027
1963	37,032	9,465,283	572	146,156	8,850	2,262,060	63,994	16,356,831	57,337	14,655,377

Year	Manitoba		Saskatchewan		British Columbia		Yukon	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
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	17,904	5,313,968	45,335	13,468,767	224,323	66,579,127	10,526	3,124,194
1957	13,729	3,319,758	45,070	10,897,967	221,774	53,626,157	8,560	2,069,741
1958	11,512	2,505,054	48,328	10,516,130	217,304	47,285,427	7,761	1,688,811
1959	15,702	3,843,977	46,877	11,475,377	203,092	49,716,804	6,623	1,621,375
1960	24,390	6,512,255	42,703	11,401,580	203,833	54,423,436	6,702	1,789,287
1961	46,509	11,710,925	28,360	7,141,004	194,486	48,971,608	6,069	1,528,100
1962	49,920	12,080,667	30,899	7,477,708	206,716	50,025,192	5,944	1,438,554
1963	46,138	11,792,969	33,613	8,591,568	203,063	51,902,976	6,917	1,768,094



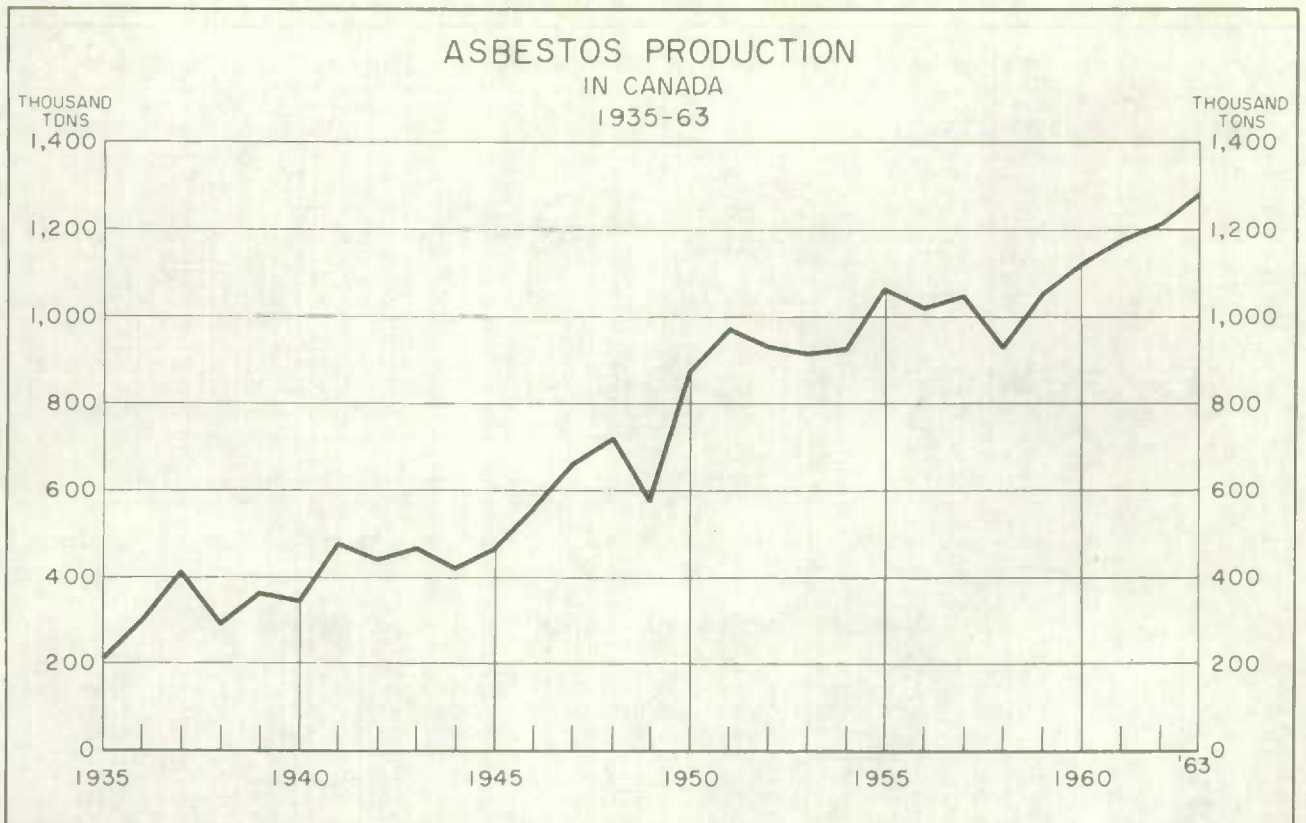


TABLE 34. ASBESTOS

Year	Producers' shipments		Exports		
			Crude	Milled fibres	Waste, refuse or shorts
	Tons	Value \$	Tons	Tons	Tons
1954	924,116	86,409,212	641	312,844	574,243
1955	1,063,802	96,191,317	586	365,980	635,261
1956	1,014,249	99,859,969	560	377,044	586,317
1957	1,046,086	104,489,431	638	393,311	636,611
1958	925,331	92,276,748	483	318,280	547,867
1959	1,050,429	107,433,344	416	401,583	611,923
1960	1,118,456	121,400,015	241	458,053	610,199
1961	1,173,695	128,955,900	176	527,324	589,380
1962	1,215,814	130,281,966	182	532,020	632,468
1963	1,272,024	134,880,206	195	555,419	650,811

TABLE 35. ARSENIOS OXIDE

Year	Production (crude and refined) ¹		Exports (crude and refined) ¹	
	Pounds ²	Value	Pounds	Value
		\$		\$
1954	1,180,350	48,333	1,422,600	58,871
1955	1,571,787	69,159	940,600	40,794
1956	1,790,381	77,612	1,168,100	50,482
1957	3,697,317	137,112	3,229,800	119,616
1958	2,323,320	94,542	1,703,200	67,731
1959	1,578,307	63,786	1,130,400	46,460
1960	1,724,326	70,400	1,054,200	37,908
1961	419,300	16,772	244,500	10,263
1962	160,750	6,832	3,500	178
1963	187,450	7,498	4,800	284

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

² Data for 1953-62 include some arsenious oxide recovered from foreign ores.

TABLE 36. BARITE

Year	Producers' shipments		Imports	
	Tons	Value	Tons	Value
		\$		\$
1954	221,472	2,003,796	1,236	39,264
1955	253,736	2,277,166	1,449	46,017
1956	320,835	3,031,034	1,475	50,828
1957	228,048	2,992,913	1,831	58,009
1958	195,719	2,196,384	1,382	56,644
1959	238,967	2,254,582	1,662	64,468
1960	154,292	1,462,212	2,021	91,179
1961	191,404	1,799,119	1,890	94,248
1962	226,600	2,123,964	2,427	114,891
1963	177,079	1,753,728	3,830	195,938

TABLE 37. FELDSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	18,153	364,849	196	4,758	1,804	48,368
1957	20,450	393,284	241	5,562	4,047	72,198
1958	20,387	359,966	1,140	22,753	9,956	160,621
1959	17,953	301,372	1,161	23,067	7,552	115,111
1960	13,862	239,273	1,338	27,545	3,183	73,811
1961	10,507	229,626	1,721	36,235	2,626	62,786
1962	9,994	222,460	1,901	43,846	3,698	87,499
1963	8,557	194,954	2,600	59,217	3,282	78,921

TABLE 38. FLUORSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1954	118,969	2,987,026	16,240	382,935	..	..
1955	128,114	2,708,437	21,774	518,002	58,390	1,460,844
1956	140,071	3,407,582	28,148	690,779	78,380	1,941,500
1957	66,245	1,756,841	14,547	377,706	23,630	590,750
1958 .....	..	1,542,589	30,408	763,438	7	980
1959 .....	..	1,850,497	26,588	718,774	3,774	73,078
1960 .....	..	1,921,820	59,690	1,486,107	10,312	311,989
1961 .....	..	1,990,200	32,769	914,221	2,048	53,326
1962 .....	..	1,870,184	67,847	2,052,056	..	10,366
1963 .....	..	2,004,200	66,798	1,946,257	..	7,500

TABLE 39. GRAPHITE

Year	Producers' shipments		Imports			Exports
	Tons	Value	Plumbago, not ground or otherwise manufactured	Crucibles, plumbago	Plumbago, ground and manufactures of, n.o.p.	Value
			dollars			
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	200
1957	—	—	74,089	237,333	748,732	160
1958	—	—	53,219	166,056	909,226	—
1959	—	—	64,014	224,204	976,250	—
1960	—	—	75,714	236,148	905,756	—
1961	1	146	47,450	215,788	945,258	—
1962	—	—	58,351	254,447	1,362,492	—
1963	2	1,400	86,991	284,206	2,353,816	—

TABLE 40. GYPSUM

Year	Producers' shipments		Exports of crude gypsum	
	Tons	Value	Tons	Value
		\$		\$
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	4,895,811	7,260,236	3,840,721	6,987,537
1957	4,577,492	7,745,105	3,410,684	5,905,051
1958	3,964,129	5,189,159	2,898,230	4,871,440
1959	5,878,630	8,393,703	4,848,576	9,844,602
1960	5,205,731	9,498,711	4,273,668	7,053,690
1961	4,940,037	7,750,748	3,819,345	5,553,551
1962	5,332,809	9,349,775	4,162,997	5,630,206
1963	5,931,636	11,101,058	4,703,118	7,674,340

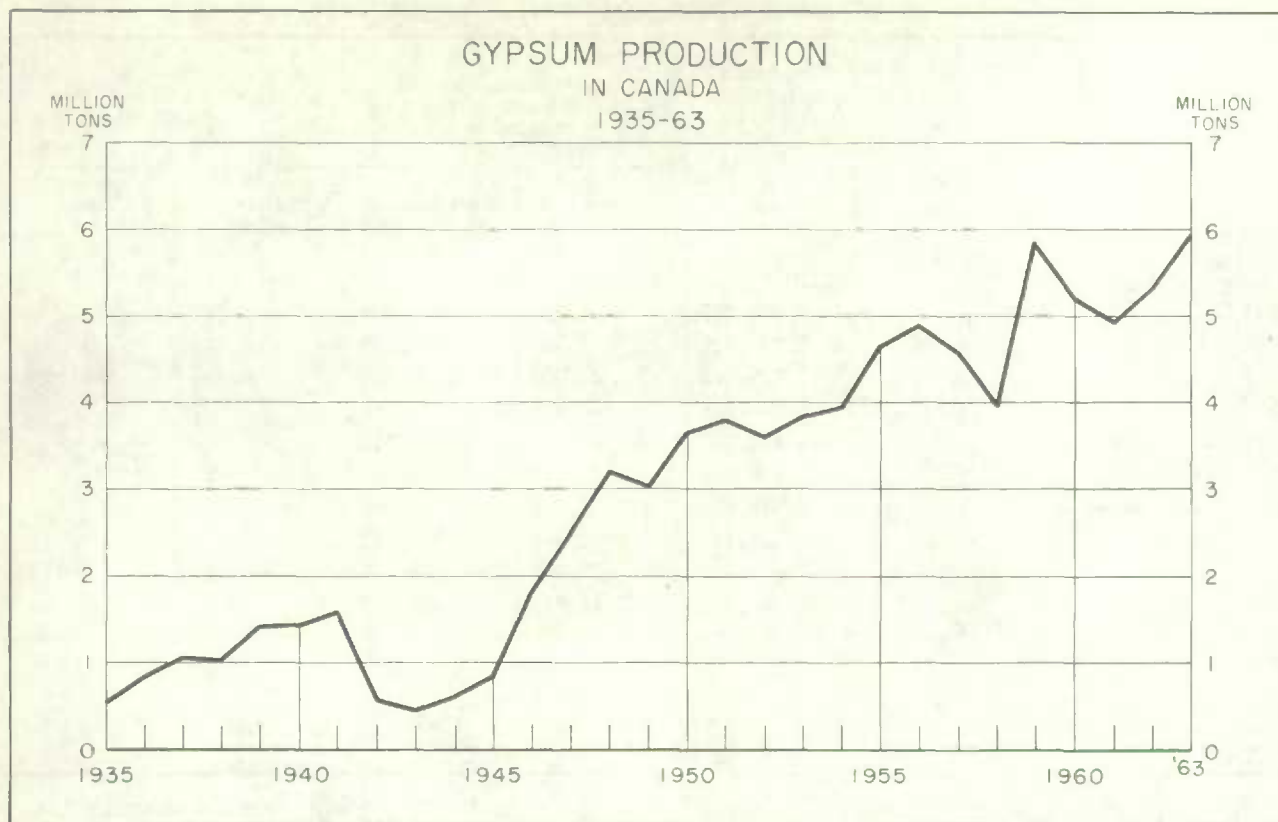


TABLE 41. IRON OXIDES

Year	Producers' shipments		Year	Producers' shipments	
	Tons	Value		Tons	Value
		\$			\$
1954	5,798	183,507	1959	1,235	108,286
1955	7,702	162,512	1960	909	76,780
1956	8,803	186,225	1961	808	68,199
1957	7,518	187,211	1962	771	58,363
1958	1,632	113,390	1963	1,004	73,866

TABLE 42. LITHIA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1954	17,052	6,300	1959	2,756,280	1,422,153
1955	162,512	114,376	1960	204,666	84,135
1956	4,789,380	2,643,950	1961	536,190	392,871
1957	5,140,257	2,827,143	1962	499,736	558,654
1958	3,853,322	2,047,880	1963	663,208	700,800

TABLE 43. MAGNESITIC DOLOMITE AND BRUCITE

Year	Shipments magnesitic dolomite and brucite	Imports of dead-burned, sintered and calcined magnesite		Exports of dead-burned refractories	
	Value	Tons	Value	Tons	Value
	\$		\$		\$
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	2,783,181	24,060	1,590,025	14,826	963,608
1957	3,046,298	10,159	714,798	..	..
1958	2,529,161	13,971	1,063,911	..	..
1959	3,050,779	20,113	1,505,097	..	..
1960	3,279,021	24,178	1,739,577	..	..
1961	3,064,403	21,944	1,708,067	..	..
1962	3,431,873	27,566	2,128,447	..	..
1963	3,106,092	18,642	1,404,800	..	..

TABLE 44. MICA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1954	1,706,770	85,139	1959	813,834	63,004
1955	1,640,708	77,541	1960	1,702,605	94,203
1956	1,843,811	95,666	1961	1,816,160	125,377
1957	1,282,416	111,583	1962	1,204,034	84,598
1958	1,504,933	89,651	1963	1,068,650	61,817

TABLE 45. MINERAL WATERS¹

Year	Producers' shipments		Year	Producers' shipments	
	Imperial gallons	Value		Imperial gallons	Value
		\$			\$
1954	284,078	148,057	1959	369,113	202,969
1955	306,683	160,510	1960	375,425	201,764
1956	292,526	149,867	1961	364,933	208,709
1957	348,710	185,167	1962	377,248	207,325
1958	316,727	172,568	1963 .....	...	...

¹ Mineral waters is not now classified to the mineral industry. Data are shown here for reference purposes and may not appear in future issues.

TABLE 46. NEPHELINE SYENITE

Year	Producers' shipments		Exports	
	Tons	Value	Tons	Value
		\$		\$
1954	123,669	1,770,528	83,952	1,269,098
1955	146,068	2,099,512	118,275	1,753,117
1956	180,006	2,574,140	139,305	1,935,315
1957	200,016	2,754,060	164,342	2,235,843
1958	201,306	2,613,446	160,081	2,098,421
1959	228,722	2,930,932	178,120	2,345,341
1960	240,636	2,891,095	193,298	2,373,354
1961	240,320	2,572,169	194,598	2,249,348
1962	254,418	2,605,421	193,658	2,210,834
1963	255,409	2,508,356	203,262	2,213,942

TABLE 47. PEAT MOSS

Year	Producers' shipments		Exports ¹	
	Tons	Value	Tons	Value
		\$		\$
1954	99,272	3,018,622	87,333	4,499,952
1955	117,579	3,485,287	102,997	5,388,362
1956	128,054	4,240,714	113,346	6,068,845
1957	137,747	4,734,504	117,877	6,668,723
1958	149,013	4,778,660	129,138	7,507,463
1959	184,049	6,226,688	161,236	8,976,389
1960	185,784	6,088,138	157,490	8,825,540
1961	224,031	7,295,087	187,621	10,414,574
1962	238,035	7,480,396	205,222	10,999,085
1963	258,857	8,923,632	206,911	9,901,186

¹ Peat moss and other mosses.

TABLE 48. PHOSPHATE ROCK

Year	Producers' shipments		Imports	
	Tons	Value	Tons	Value
		\$		\$
1954	—	—	644,860	4,577,633
1955	—	—	588,209	4,512,833
1956	—	—	627,643	5,185,597
1957	—	—	723,220	5,897,784
1958	—	—	744,164	6,854,243
1959	—	—	797,063	7,468,368
1960	—	—	941,998	8,320,129
1961	—	—	1,056,885	9,678,644
1962	—	—	1,155,966	10,842,509
1963	—	—	1,297,427	12,203,728

TABLE 49. PYRITE, PYRRHOTITE

Year	Producers' shipments			Year	Producers' shipments		
	Gross weight	Sulphur content ¹	Value		Gross weight	Sulphur content ¹	Value
	tons		\$		tons		\$
1954	687,928	311,159	2,663,499	1959	1,099,564	...	3,433,095
1955	878,452	403,986	3,740,383	1960	1,032,288	...	3,316,378
1956	1,046,740	473,605	4,538,785	1961	517,258	...	1,830,566 ²
1957	1,166,416	515,096	4,808,228	1962	517,308	...	1,879,584
1958	1,191,731	512,427	4,248,688	1963	492,073	...	1,759,266

¹ Data for 1953-55 include sulphur content of acid made from roasting zinc sulphide concentrates at Arvida.

² Method of compilation changed in 1961. Iron residue from pyrite and pyrrhotite roasting now included in iron industry.

TABLE 50. QUARTZ

Year	Producers' shipments of quartz, quartzite, etc.		Exports of quartzite	
	Tons	Value	Tons	Value
		\$		\$
1954	1,716,151	1,574,893	162,474	547,821
1955	1,869,913	2,039,575	87,622	265,374
1956	2,142,234	3,036,543	181,196	564,173
1957	2,139,246	3,185,186	232,299	790,728
1958	1,453,656	2,538,150	17,074	72,797
1959	2,163,546	3,436,730	147,412	465,166
1960	2,260,766	3,266,705	13,057	44,505
1961	2,194,054	3,152,882	26,774	116,109
1962	2,085,620	3,817,445	156,205	489,999
1963	1,942,355	4,209,777	47,437	216,489

TABLE 51.

Year	Imports, ganister		Imports of silex or crystallized quartz, ground or unground		Imports of flint and ground flint stones		Imports, silica sand	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1954	590	6,350	28,412	275,205	1,219	30,996	665,863	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
1957	667	10,094	13,718	186,882	528	17,632	744,367	2,407,633
1958 .....	..	..	12,024	150,960	542	22,567	603,343	2,114,555
1959 .....	..	..	13,815	184,451	786	26,477	792,129	2,525,319
1960 .....	..	..	10,521	161,239	1,232	21,403	720,876	2,404,685
1961 .....	..	..	10,327	191,336	1,339	30,953	693,220	2,490,688
1962 .....	..	..	8,960	175,509	1,193	29,696	765,431	2,962,626
1963 .....	..	..	11,882	204,696	1,812	38,110	782,157	3,045,078

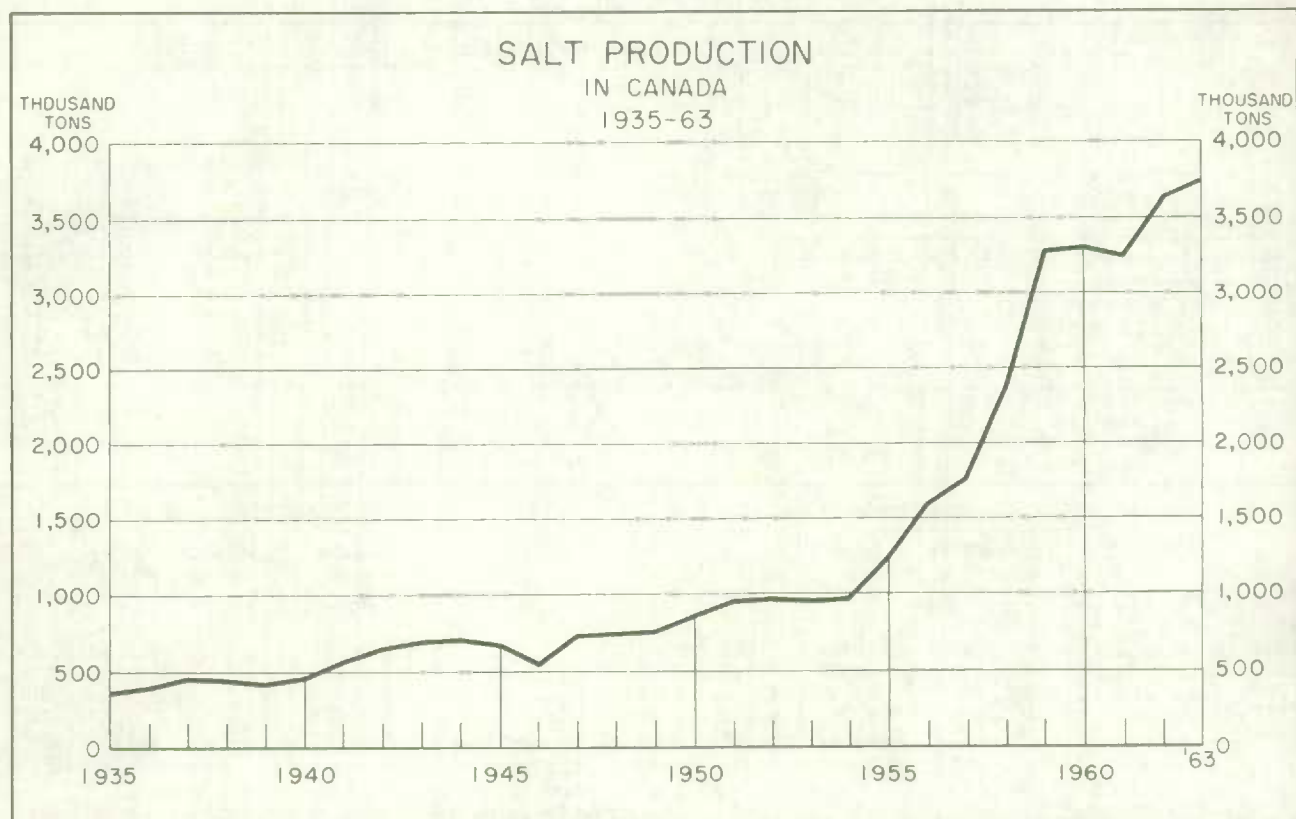


TABLE 52. SALT

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	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
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	1,590,804	12,144,476	58,985	330,012	242,133	962,505	17,961	284,951	333,935	2,286,830
1957	1,771,559	13,989,703	80,178	308,081	269,681	1,023,114	17,527	281,734	457,888	3,241,119
1958	2,375,192	14,989,542	56,977	247,374	267,423	946,159	16,445	275,123	406,707	2,917,269
1959	3,289,976	18,034,522	63,789	258,079	291,378	1,017,556	15,625	239,234	1,274,077	4,639,522
1960	3,314,920	19,355,658	65,100	261,236	155,918	320,858	10,170	202,906	...	3,461,366
1961	3,246,527	19,552,006	60,515	255,544	126,485	436,664	10,992	228,908	...	2,829,138
1962	3,638,778	21,927,135	47,672	180,969	185,961	608,072	11,015	223,824	...	3,987,668
1963	3,733,985	22,501,851	66,835	304,254	254,598	1,011,493	11,148	266,159	...	3,701,356

TABLE 53. SODIUM CARBONATE (Natural)

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	Value	Tons	Value
		\$		\$
1954	—	—	93,833	2,516,720
1955	—	—	118,900	3,308,412
1956	—	—	134,816	4,002,140
1957	—	—	91,472	2,927,367
1958	—	—	33,516	1,060,915
1959	—	—	33,290	1,034,707
1960	—	—	44,550	1,289,909
1961	—	—	26,491	847,238
1962	—	—	24,779	850,134
1963	—	—	52,575	1,722,108

TABLE 54. SODIUM SULPHATE (Natural)

Year	Producers' shipments of natural sodium sulphate		Imports			
			Salt cake		Glauber's salt	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	181,053	2,838,186	30,319	558,656	2,768	91,330
1957	157,800	2,568,728	28,088	511,457	1,512	50,527
1958	173,217	2,862,915	25,812	478,215	1,217	38,792
1959	179,535	2,881,861	27,157	511,162	966	39,907
1960	214,208	3,449,155	24,706	472,084	1,151	38,350
1961	250,996	4,036,625	32,310	575,015	899	29,023
1962	246,672	3,954,273	31,347	608,958	426	22,579
1963	254,078	4,065,625	19,002	386,037	495	28,180

TABLE 55. SULPHUR

Year	Production of sulphur in smelter gases		Elemental sulphur from natural gas, sulphides sales	Imports of sulphur		Exports of sulphur in pyrites	
	Tons ¹	Value	Tons	Tons	Value	Tons	Value
		\$			\$		\$
1954	221,247	2,212,470	18,665	310,127	7,816,301	188,608	1,566,571
1955	224,457	2,244,570	25,976	373,373	9,386,983	...	2,001,575
1956 ²	236,088	2,323,590	34,784	474,117	11,857,556	...	2,649,349
1957 ²	235,123	2,322,067	93,338	416,930	9,752,368	...	2,852,753
1958 ²	241,055	2,361,252	94,377	375,331	8,324,191	...	1,879,251
1959	277,030	2,716,416	145,656	332,430	6,924,938	...	1,018,608
1960	289,620	2,854,623	274,359	329,765	6,629,239	...	1,259,151
1961	277,056	2,708,110	394,762	329,556	7,094,216	...	899,755
1962	292,728	3,089,537	695,098	145,089	4,637,588	...	890,055
1963	311,156	3,261,596	1,161,661	150,637	3,505,395	...	937,883

¹ Does not include in 1953-55 sulphur in acid made from roasting zinc sulphide concentrates at Arvida.

² Includes sulphur in acid made from zinc sulphide at Arvida.

Note: Pyrite data shown in Table 49.

TABLE 56. TALC AND SOAPSTONE

Year	Producers' shipments				Imports of talc and soapstone		Exports of talc	
	Talc		Soapstone ^{1,2}		Tons	Value	Tons	Value
	Tons	Value	Tons	Value				
		\$		\$		\$		\$
1954	13,697	169,651	14,446	165,702	12,392	397,985	3,609	48,753
1955	14,591	194,952	12,569	144,015	11,382	378,027	4,428	64,974
1956	12,371	167,851	16,955	197,375	16,268	496,001	2,613	34,408
1957	11,236	160,015	23,489	267,658	14,949	536,189	2,353	29,848
1958	8,725	125,511	26,680	303,625	16,593	584,666	1,930	24,713
1959	8,796	125,903	30,380	386,226	18,501	696,949	2,053	29,796
1960	7,189	102,645	34,447	420,536	19,153	807,429	1,660	24,272
1961	7,417	107,660	40,699	582,970	20,205	898,834	..	..
1962	8,082	127,912	38,079	497,396	24,148	1,119,919	..	..
1963	6,900	108,000	47,741	663,864	27,539	1,288,844	..	..

¹ Includes some low-grade talc.

² Includes pyrophyllite.

TABLE 57. TITANIUM DIOXIDE, ETC.

Year	Production	
	Tons	Value
		\$
1954	88,408	3,841,270
1955	117,042	5,192,810
1956	157,374	7,682,911
1957	186,422	9,740,570
1958 .....	...	6,575,077
1959 .....	...	8,507,149
1960 .....	...	12,947,000
1961 .....	...	11,573,862
1962 .....	...	14,249,953
1963 .....	...	...

FUELS

TABLE 58. COAL

Year	Production		Imports		Exports	
	Tons	Value \$	Tons	Value \$	Tons	Value \$
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	14,915,610	95,349,763	22,613,374	128,736,670	594,166	4,710,030
1957	13,189,155	90,220,670	19,553,412	113,981,155	396,311	3,357,959
1958	11,687,110	79,963,327	14,196,652	86,818,345	338,544	2,907,513
1959	10,626,722	73,875,895	14,254,639	84,908,838	473,768	3,582,313
1960	11,011,138	74,676,240	13,864,846	76,814,031	852,921	6,789,163
1961	10,397,704	70,052,683	12,316,162	71,717,030	939,360	8,540,749
1962	10,284,769	69,160,213	12,614,189	74,171,490	893,919	8,207,354
1963	10,509,005	71,616,557	13,370,406	78,663,353	1,054,367	9,870,185

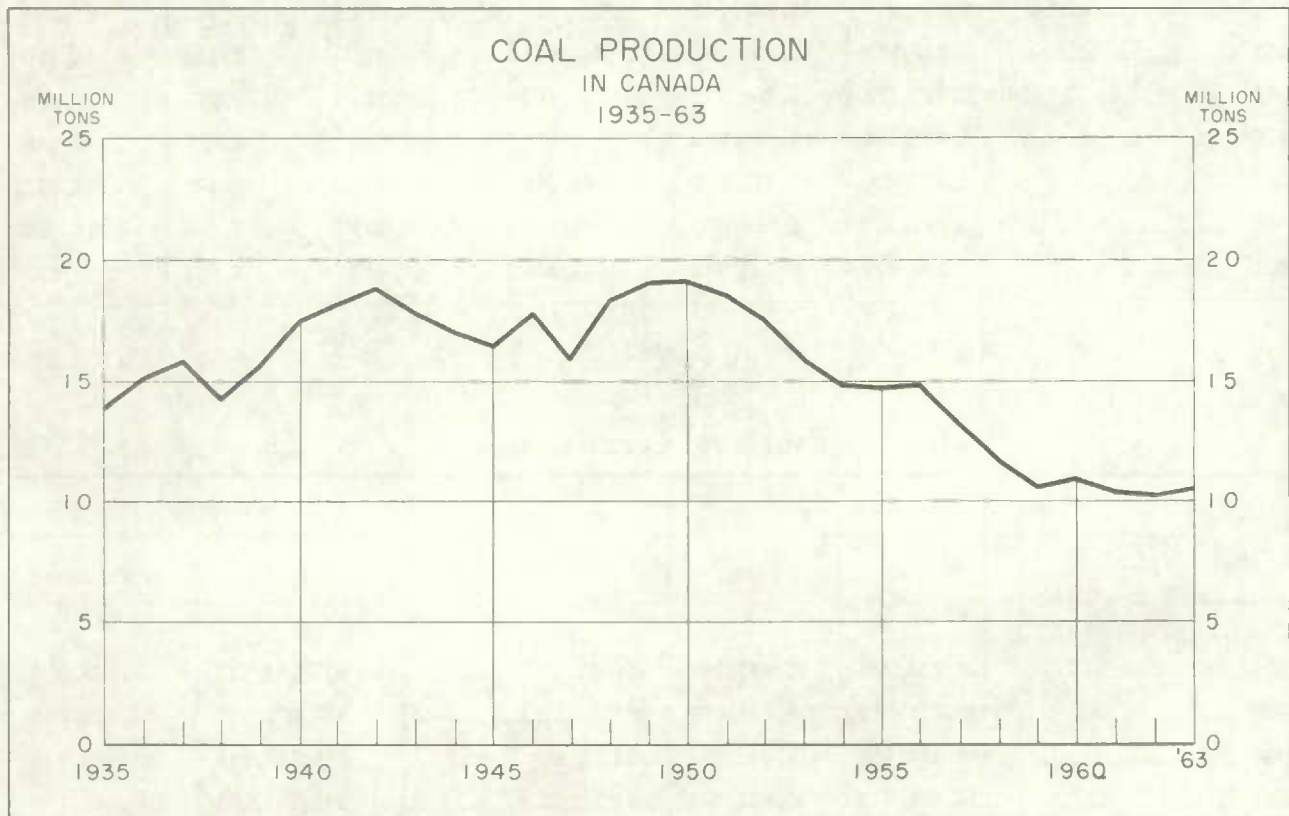


TABLE 59. Coal Production, by Provinces

Year	Nova Scotia		New Brunswick		Saskatchewan	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	5,775,025	50,931,178	988,266	7,990,446	2,341,641	4,320,167
1957	5,685,770	52,877,614	976,597	8,189,859	2,248,812	4,398,031
1958	5,269,879	50,347,951	790,719	6,621,369	2,253,176	4,379,481
1959	4,391,829	43,730,600	1,003,387	8,347,215	1,947,380	3,746,044
1960	4,570,240	44,981,257	1,028,064	8,663,339	2,170,797	3,833,629
1961	4,300,758	41,716,107	887,903	7,526,647	2,208,851	3,769,357
1962	4,204,779	41,713,202	815,529	6,752,042	2,256,306	4,553,900
1963	4,622,448	45,102,702	886,523	7,225,409	1,808,214	3,583,019
	Alberta		British Columbia		Yukon	
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	4,328,787	23,274,012	1,472,519	8,722,856	9,372	111,104
1957	3,156,546	17,383,547	1,113,699	7,280,024	7,731	91,595
1958	2,519,901	12,807,276	849,091	5,750,871	4,344	56,379
1959	2,528,755	12,756,112	751,492	5,237,724	3,879	58,200
1960	2,391,699	11,516,842	843,868	5,584,017	6,470	97,156
1961	2,027,826	10,472,978	964,663	6,453,373	7,703	114,221
1962	2,087,310	9,969,608	913,196	6,056,263	7,649	115,198
1963	2,240,427	9,553,992	942,809	6,022,412	8,584	129,023

TABLE 60. NATURAL GAS

Year	Production		Year	Production	
	M cu.ft.	Value		M cu.ft.	Value
		\$			\$
1954	120,735,214	12,482,109	1959	417,334,527	39,609,393
1955	150,772,312	15,098,508	1960	522,972,327	52,196,882
1956	169,152,586	16,849,556	1961	655,737,644	68,421,918
1957	220,006,682	20,962,501	1962	946,702,727	108,641,159
1958	337,803,726	32,057,536	1963	1,070,900,800	109,325,200

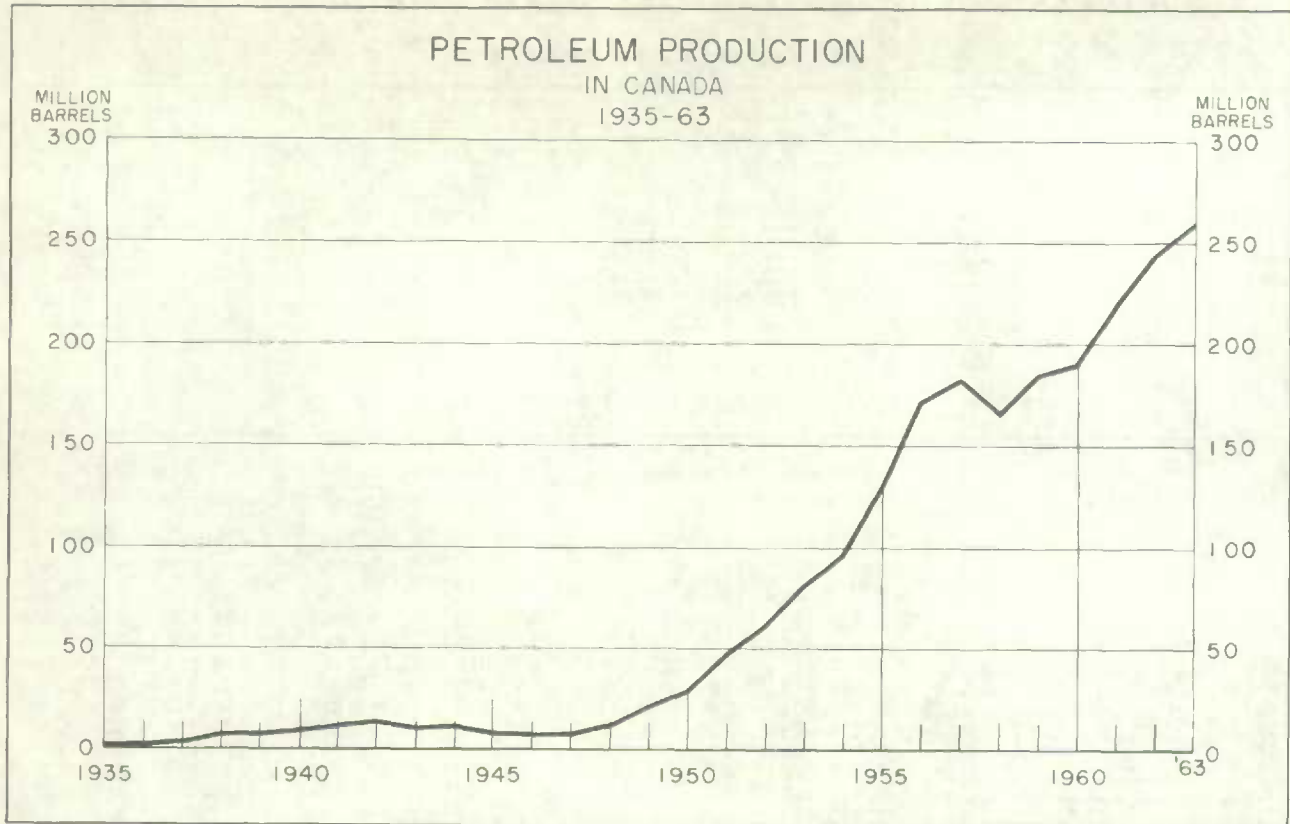


TABLE 61. Crude Petroleum Production, by Provinces

Year	New Brunswick		Ontario		Manitoba		Saskatchewan	
	Barrels	Value	Barrels	Value	Barrels	Value	Barrels	Value
		\$		\$		\$		\$
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	16,628	23,279	593,370	1,958,121	5,786,540	13,633,088	21,077,371	36,253,078
1957	19,401	27,161	623,666	2,160,000	6,089,743	15,467,947	36,861,089	79,325,064
1958	15,189	21,265	778,341	2,623,000	5,829,226	14,415,676	44,626,148	96,704,863
1959	14,479	20,271	1,001,580	3,194,000	5,056,075	11,619,872	47,442,498	97,731,546
1960	14,148	19,807	1,005,030	3,150,065	4,764,045	10,690,384	51,908,428	103,957,009
1961	12,024	16,833	1,149,087	3,546,740	4,480,348	10,156,000	55,860,104	115,719,791
1962	10,333	14,466	1,134,534	3,661,174	3,926,683	9,435,819	64,432,411	141,783,520
1963	8,000	11,200	1,200,000	3,872,400	3,750,000	9,050,000	70,000,000	166,000,000
	Alberta		British Columbia		Northwest Territories		Canada	
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	143,909,641	353,629,158	148,454	302,375	449,409	762,773	171,981,413	406,561,872
1957	137,492,316	355,555,140	340,945	763,717	420,844	294,591	181,848,004	453,593,620
1958	113,277,847	283,262,592	512,359	1,022,156	457,086	698,266	165,496,196	398,747,818
1959	129,967,312	306,917,803	866,234	1,583,129	430,319	1,025,914	184,778,497	422,092,535
1960	130,506,968	302,841,423	867,057	1,626,590	468,545	641,219	189,534,221	422,926,497
1961	157,811,712	355,530,845	1,017,826	1,859,873	516,979	730,160	220,848,080	487,560,242
1962	165,124,967	379,830,363	8,914,220	16,872,122	572,004	755,045	244,115,152	552,352,509
1963	171,400,000	428,500,000	12,629,000	24,959,000	626,000	826,500	259,613,000	633,219,100

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

TABLE 62. CLAY PRODUCTS

Year	Producers' shipments	Year	Producers' shipments
	\$		\$
1954	32,360,098	1959	42,515,448
1955	35,259,770	1960	38,226,538
1956	37,784,980	1961	36,982,948
1957	35,922,158	1962	37,816,878
1958	41,709,903	1963	37,758,646

TABLE 63. CEMENT

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1954	3,926,553	59,035,644	401,135	6,316,890	21,638	496,058
1955	4,404,480	65,650,025	517,890	8,443,415	168,907	3,139,498
1956	5,021,683	75,233,321	677,616 ¹	8,793,212	124,561	1,984,908
1957	6,049,098	93,167,477	92,380	1,870,318	338,316	6,052,491
1958	6,153,421	96,414,142	41,550	998,858	141,250	2,467,490
1959	6,284,486	95,147,798	29,256	858,863	303,126	5,003,307
1960	5,787,225	93,261,473	22,478	728,051	181,117	2,821,007
1961	6,205,948	103,923,644	29,217 ²	921,014	249,377	3,866,233
1962	6,878,729	113,233,726	26,525 ²	909,072	219,164	3,464,211
1963	6,988,412	117,588,571	31,316 ²	1,101,057	272,803	4,201,720

¹ Includes imported clinker, other than white.

² Includes standard portland, white, aluminous, cement n.o.p. (not elsewhere provided for), excludes white clinker.

TABLE 64. Producers' Shipments of Cement, by Provinces

Year	Newfoundland		New Brunswick		Quebec		Ontario	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1954	70,615	1,330,018	149,592	2,181,854	1,319,741	19,108,680	1,261,411	18,958,173
1955	81,905	1,492,990	152,715	2,306,065	1,662,084	24,132,519	1,341,276	19,707,042
1956	83,902	1,660,300	165,482	2,439,676	1,797,128	25,696,957	1,450,437	21,455,019
1957	58,277	1,185,078	163,640	2,646,293	2,051,201	30,267,092	2,211,887	33,505,994
1958	50,992	1,079,071	180,166	2,934,058	1,903,635	28,686,095	2,400,158	35,195,552
1959	71,253	1,291,516	170,793	2,606,301	1,975,452	29,520,710	2,386,334	31,731,767
1960	93,160	1,688,664	163,245	2,546,622	1,875,997	28,315,159	2,007,044	30,699,800
1961	86,549	1,789,980	170,953	2,754,052	2,029,159	31,412,617	2,226,923	35,671,569
1962	96,916	1,985,524	169,823	2,774,908	2,242,591	33,330,630	2,510,783	38,704,090
1963	91,700	1,986,500	155,073	2,446,000	2,342,590	36,737,171	2,532,244	39,383,000
	Manitoba		Saskatchewan		Alberta		British Columbia	
1954	285,843	4,760,539	—	—	543,240	7,761,082	305,117	4,935,298
1955	340,234	5,509,812	—	—	492,209	7,026,722	334,057	5,474,875
1956	523,924	8,324,520	2,509	59,762	602,193	9,258,016	396,138	6,339,071
1957	412,998	6,820,383	150,664	2,861,615	559,962	8,802,914	443,469	7,078,108
1958	378,823	6,580,276	194,734	4,506,803	635,516	10,676,668	409,397	6,755,619
1959	402,562	7,314,552	161,057	3,954,737	689,854	11,678,577	427,181	7,049,638
1960	429,788	8,105,802	169,282	3,997,809	663,856	11,474,865	384,853	6,432,752
1961	395,134	7,768,334	201,950	4,985,021	677,914	12,420,025	417,366	7,122,046
1962	432,079	8,715,034	230,072	5,830,227	799,030	14,780,423	397,435	7,112,890
1963	446,558	9,493,000	230,640	5,800,000	724,239	13,684,000	465,368	8,058,900

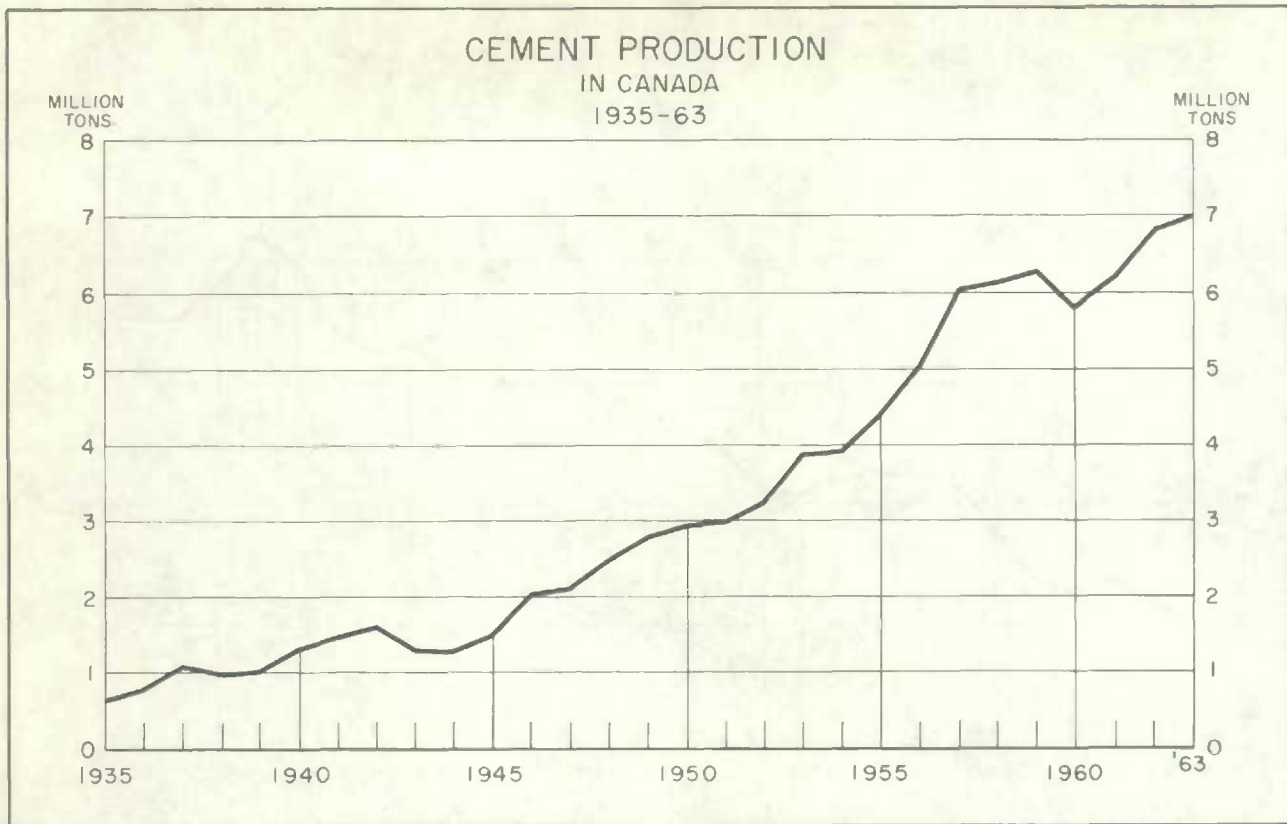


TABLE 65. LIME

Year	Producers' shipments					
	Quicklime		Hydrated lime		Total	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	947,316	11,852,860	348,383	3,814,738	1,295,699	15,667,598
1957	1,074,338	13,048,505	304,279	3,630,109	1,378,617	16,678,614
1958	1,258,089	15,371,452	338,323	4,094,371	1,596,422	19,465,823
1959	1,359,666	17,255,903	326,059	4,048,118	1,685,725	21,304,021
1960	1,213,597	15,609,573	315,971	3,692,217	1,529,568	19,301,790
1961	1,142,354	15,631,387	272,936	3,585,984	1,415,290	19,217,371
1962	1,181,058	14,148,347	243,401	3,498,241	1,424,459	17,646,588
1963 .....	...	...	...	...	1,439,583	17,447,478

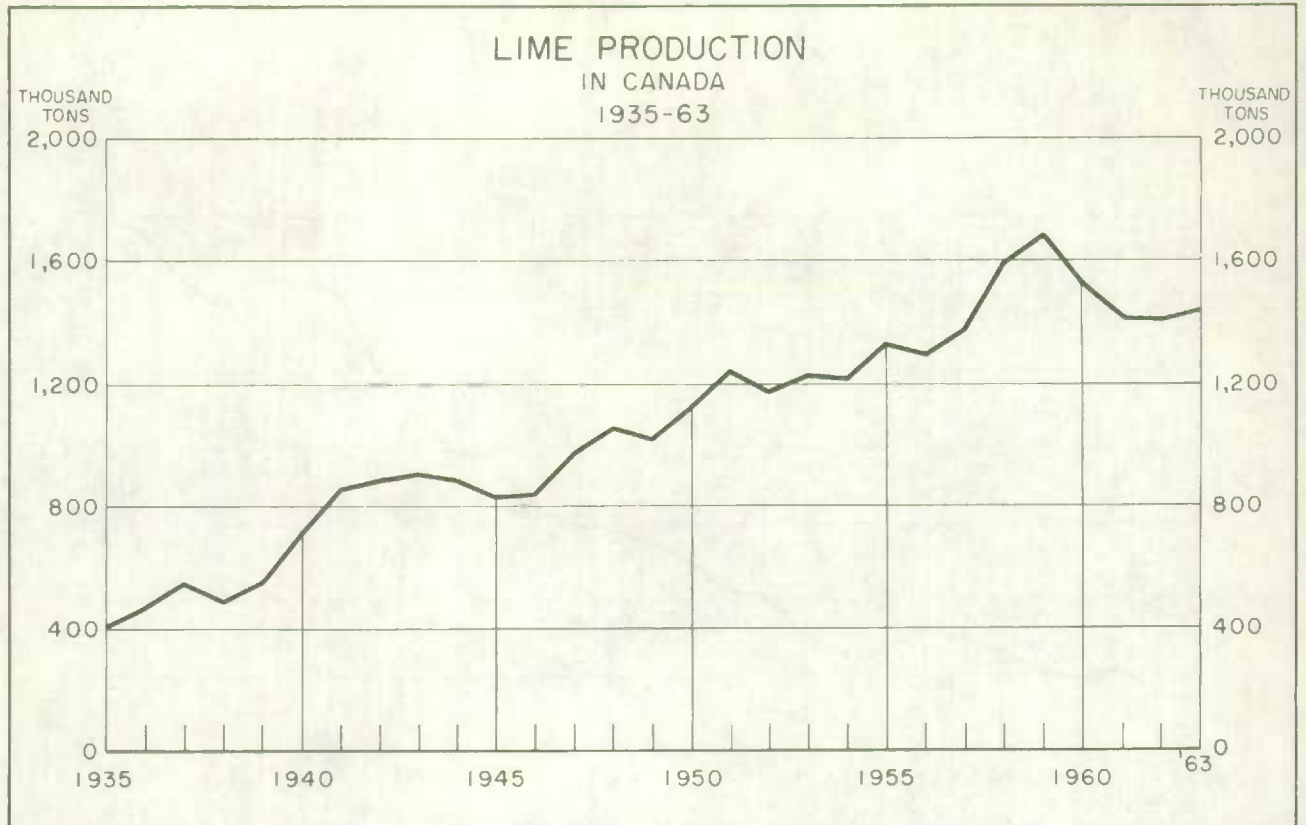


TABLE 66. SAND AND GRAVEL

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1954	110,961,034	58,987,671	1959	185,123,746	104,651,461
1955	127,524,474	67,775,053	1960	192,074,498	111,163,886
1956	148,801,268	81,957,352	1961	170,750,947	104,654,132
1957	159,829,512	91,939,354	1962	181,245,762	118,603,283
1958	160,210,945	96,282,363	1963	185,498,913	121,167,131

TABLE 67. STONE

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1954	32,767,925	39,857,134	1959	46,439,535	60,958,784
1955	30,512,920	43,736,687	1960	45,359,449	60,640,621
1956	33,257,318	48,809,918	1961	48,938,804	66,567,668
1957	40,282,081	59,197,662	1962	50,553,485	68,866,358
1958	38,156,647	55,582,929	1963	55,090,659	71,612,915

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