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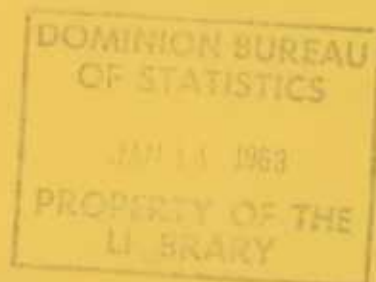
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ANNUAL

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PRELIMINARY REPORT ON
MINERAL PRODUCTION
1961



DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

PRELIMINARY REPORT ON MINERAL PRODUCTION

1961

Producers in the Canadian mineral industry in 1961 shipped \$2.57 billion worth of mineral commodities according to a preliminary estimate prepared by the Dominion Bureau of Statistics, Ottawa. This was a modest increase of about 3.2 per cent above the total value of minerals in 1960 which amounted to \$2,492 million. Valuations of the leading minerals were, crude petroleum, \$487 million; nickel \$357 million, copper \$258 million; uranium \$204 million, iron ore \$180 million; gold \$157 million and asbestos \$131 million.

The value of metals declined to \$1,397 million from \$1,406 million in the preceding year. Uranium shipments decreased by \$65 million. This was anticipated some time ago when it was announced that the deliveries of uranium would be extended over a longer period of time. The new nickel mine in Manitoba helped to increase the total tonnage of that metal to over 237,000. The prices of gold and base metals were increased at mid year when the exchange rate on the Canadian dollar changed from a premium to a discount. The demand for iron ore continued to be rather limited.

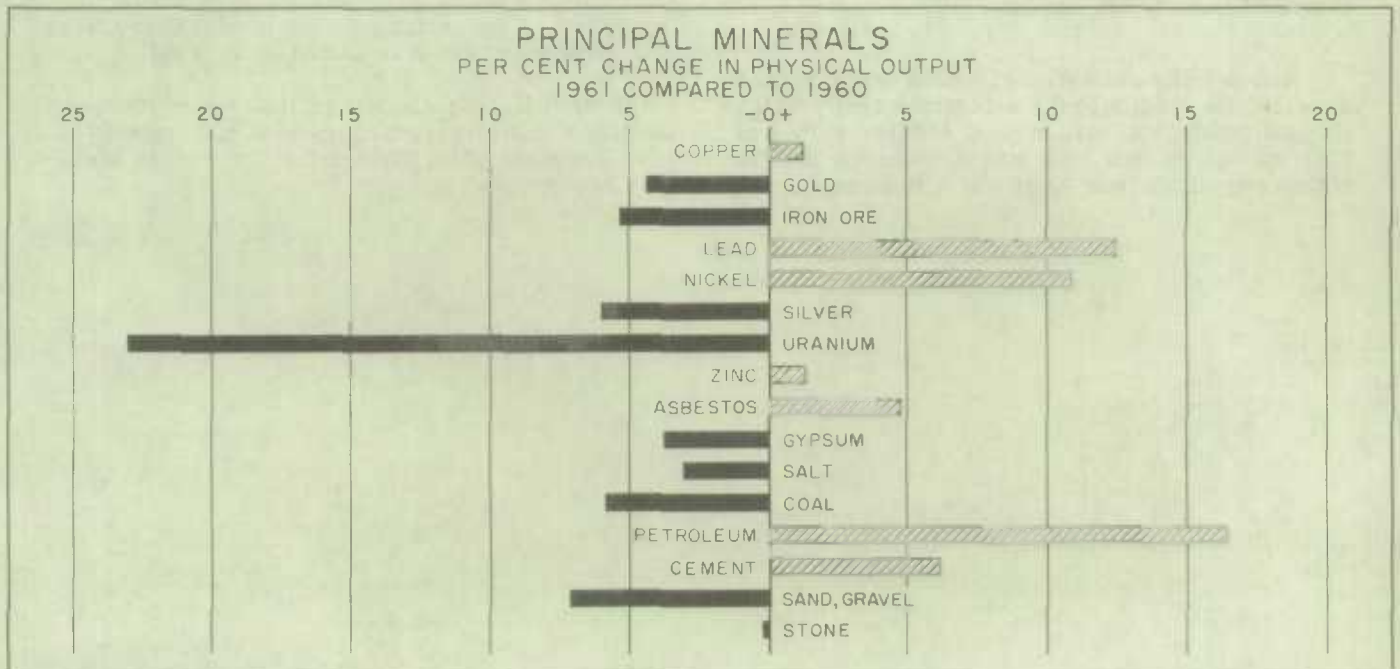
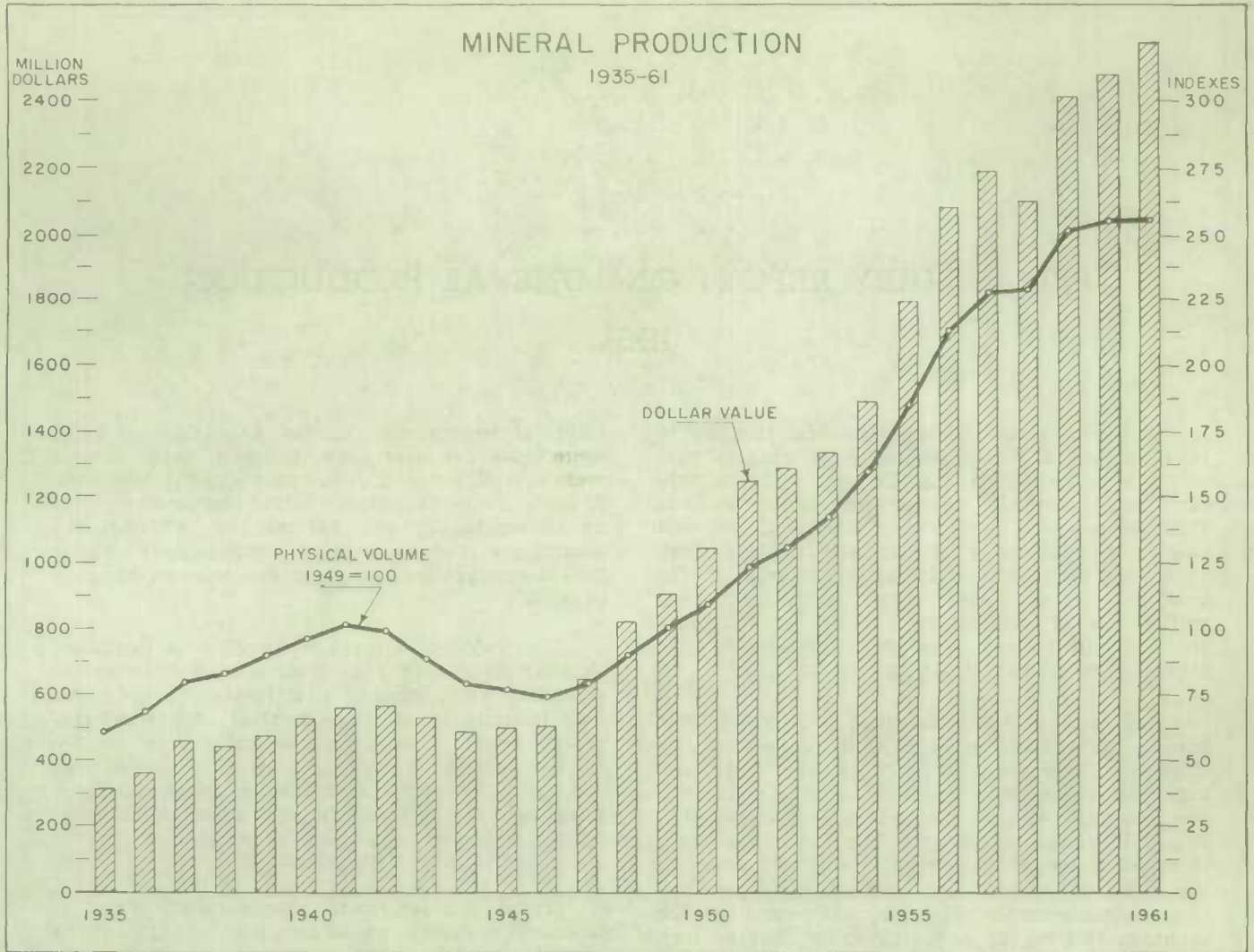
Non-metallic minerals exceeded \$210 million in value, due chiefly to the asbestos industry which shipped nearly 1.2 million tons of fibre valued at \$131 million. A new high was established despite of the competition from Asian and African producers.

Lithia in concentrates, oxides carbonates and salts were valued at over \$360 thousand. Sales of salt were \$19 million which was only slightly less than in 1960. Elemental sulphur output increased directly as the output of sour natural gas. Although the natural gas processing plants produce more sulphur than the market demand, there has been an increase in sales.

The value of mineral or fossil fuels increased to \$643 million in 1961 from \$566 million in the preceding year. After a mild revival in 1960, the coal industry resumed the decline of several preceding years. Crude oil production rose to 220 million barrels. The volume of natural gas was 646,000 million cubic feet. Natural gas by-products which include condensate, natural gasoline, propane, butane, etc. were obtained by processing natural gas in the vicinity of the gas fields.

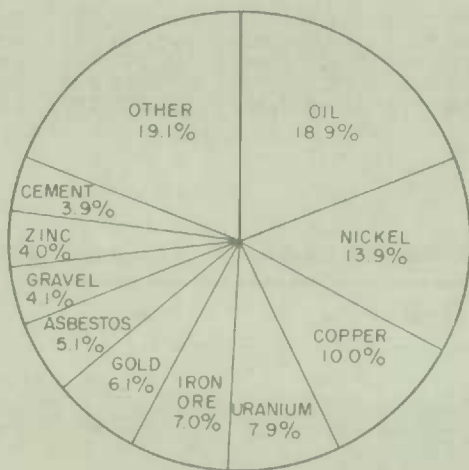
There was not much change in the value of structural materials which amounted to \$323 million in 1961 and over \$322 million in 1960. Cement shipments exceeded \$100 million in value for the first time. Lime shipments declined. There was less stone, sand and gravel used during 1961.

Note: All 1961 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.

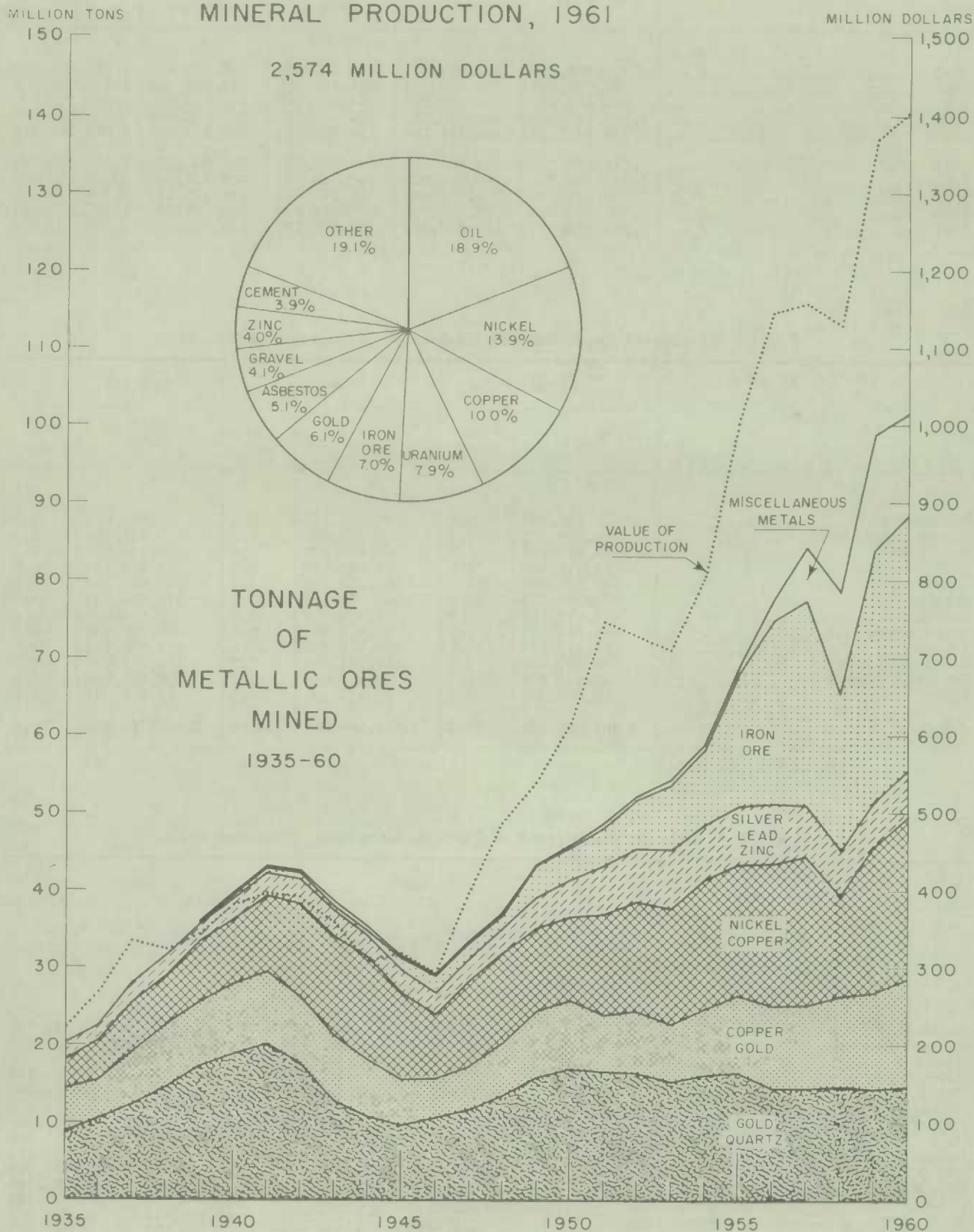


MINERAL PRODUCTION, 1961

2,574 MILLION DOLLARS



TONNAGE OF METALLIC ORES MINED 1935-60



MINERAL STATISTICS

TABLE 1. Value of Mineral Production of Canada, by Classes, 1952-61

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	Total
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	1,146,349,595	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	1,397,014,089	210,250,683	643,425,160	323,092,906	2,573,782,838

TABLE 2. Mineral Production of Canada, by Provinces, 1959-61

Province	1959		1960		1961	
	Value	Per cent	Value	Per cent	Value	Per cent
	\$		\$		\$	
Newfoundland	72,156,996	3.0	86,637,123	3.5	92,681,614	3.6
Prince Edward Island	4,559,171	0.2	1,172,587	0.1	947,186	0.1
Nova Scotia	62,879,647	2.6	65,453,531	2.6	59,544,574	2.3
New Brunswick	18,133,290	0.8	17,072,739	0.7	17,851,151	0.7
Quebec	440,897,186	18.3	446,202,726	17.9	447,437,159	17.5
Ontario	970,762,201	40.3	983,104,412	39.4	948,255,587	36.7
Manitoba	55,512,410	2.3	58,702,697	2.3	99,156,908	3.8
Saskatchewan	210,042,051	8.7	212,093,225	8.5	218,201,040	8.5
Alberta	376,215,593	15.6	395,344,010	15.9	463,709,114	18.0
British Columbia	159,395,092	6.6	186,261,646	7.5	192,319,685	7.5
Northwest Territories	25,874,496	1.1	27,135,087	1.1	20,691,909	0.8
Yukon	12,592,378	0.5	13,330,198	0.5	12,986,911	0.5
Totals	2,409,020,511	100.0	2,492,509,981	100.0	2,573,782,838	100.0

TABLE 3. Mineral Production of Canada, by Kinds, 1960 and 1961

Metallics		1960		1961	
		Quantity	Value	Quantity	Value
			\$		\$
Antimony	lb.	1,651,786	538,482	1,308,015	461,729
Bismuth	"	423,827	762,048	479,700	886,933
Cadmium	"	2,357,497	3,347,646	2,399,095	3,838,552
Calcium	"	134,801	159,241	72,597	76,359
Cobalt	"	3,568,811	6,763,016	3,236,323	4,902,657
Columbium (Cb ₂ O ₅)	"	—	—	61,050	64,375
Copper	"	878,524,096	264,846,637	889,270,964	258,582,247
Gold	troy oz.	4,628,911	157,151,527	4,425,820	156,851,060
Indium	"	...	...	...	...
Iron ore	ton	21,550,830	175,082,523	20,383,333	180,457,020
Iron, remelt	"	...	10,972,979	...	14,481,184
Lead	lb.	411,300,451	43,926,888	462,394,101	47,395,393
Magnesium	"	14,577,138	4,313,987	15,480,618	4,334,573
Molybdenum	"	767,621	1,015,380	765,897	1,085,091

TABLE 3. Mineral Production of Canada, by Kinds, 1960 and 1961 - Concluded

	1960		1961		
	Quantity	Value	Quantity	Value	
Metallics - Concluded					
Nickel	lb.	429,012,707	295,640,279	475,895,770	357,515,337
Platinum, group	troy oz.	483,604	28,873,508	404,883	23,829,172
Selenium	lb.	521,638	3,651,466	469,892	2,990,595
Silver	troy oz.	34,016,829	30,244,363	31,981,210	30,068,733
Tantalum (Ta ₂ O ₅) .....		...	...	...	...
Tellurium	lb.	44,682	156,388	95,873	475,545
Thorium .....		...	...	...	...
Tin	lb.	621,718	522,243	870,569	797,180
Titanium ore	ton	2,947	16,265	...	...
Uranium (U ₃ O ₈)	lb.	25,495,369	269,938,192	19,644,905	204,138,553
Zinc	"	813,745,341	108,635,003	824,726,932	103,781,801
Total metallics .....	...	...	1,406,558,061	...	1,397,014,089
Non-metallics					
Arsenious oxide	lb.	1,724,326	70,400	306,363	16,350
Asbestos	ton	1,118,456	121,400,015	1,171,245	131,053,441
Barite	"	154,292	1,462,212	177,954	1,607,442
Diatomite	"	44	1,430	25	500
Feldspar	"	13,862	239,273	9,852	215,326
Fluorspar .....	...	...	1,921,820	...	1,904,000
Garnet	ton	32	4,480	33	4,620
Graphite .....	"	...	...	3	1,654
Grindstone	"	10	2,000	8	1,600
Gypsum	"	5,205,731	9,498,711	5,014,905	9,098,571
Iron oxides	"	909	76,780	690	57,110
Lithia	lb.	204,666	84,135	515,110	362,850
Magnesitic-dolomite and brucite .....	...	...	3,279,021	...	2,992,101
Mica	lb.	1,702,605	94,203	2,061,970	131,375
Mineral waters	gal	375,425	201,764	375,500	201,800
Nepheline syenite	ton	240,636	2,891,095	247,688	2,473,118
Peat moss	"	185,784	6,088,138	195,030	6,328,953
Potash, (K ₂ O) .....	...	...	178,700	...	...
Pyrite, pyrrhotite	ton	1,032,288	3,316,378	505,912	1,493,546
Quartz	"	2,260,766	3,266,705	2,168,005	2,828,198
Salt	"	3,314,920	19,355,658	3,213,600	19,121,900
Soapstone and talc ¹	"	41,636	523,181	48,095	710,418
Sodium sulphate	"	214,208	3,449,155	249,694	4,024,558
Sulphur in smelter gas	"	289,620	2,854,623	311,211	3,028,776
Sulphur, elemental	"	274,359	4,298,906	396,286	6,305,183
Titanium dioxide, etc. ....	...	...	12,947,000	...	16,287,293
Total non-metallics .....	...	...	197,505,783	...	210,250,683
Mineral - Fuels					
Coal	ton	11,011,138	74,676,240	10,366,678	69,983,343
Natural gas	M cu. ft.	522,972,327	52,196,882	646,018,204	63,607,157
Nat. gas by-products .....	...	...	16,052,210	...	22,530,000
Petroleum, crude	bbL	189,534,221	422,926,497	220,460,562	487,304,660
Total fuels .....	...	...	565,851,829	...	643,425,160
Structural materials					
Clay products (brick, tile, etc.) .....	...	...	38,226,538	...	38,045,405
Cement	ton	5,787,225	93,261,473	6,145,168	100,692,169
Lime	"	1,529,568	19,301,790	1,385,953	17,275,787
Sand and gravel	"	192,074,498	111,163,886	178,502,194	106,413,509
Stone	"	45,359,449	60,640,621	45,315,108	60,666,036
Total structural materials .....	...	...	322,594,308	...	323,092,906
Grand totals .....	...	...	2,492,509,981	...	2,573,782,838

¹ Includes pyrophyllite.

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1961

No.		Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	173,479
4		\$	—	—	—	296,921
5	Cadmium	lb.	—	—	—	21,000
6		\$	—	—	—	33,600
7	Calcium	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Columblum (Cb ₂ O ₃)	lb.	—	—	—	61,050
12		\$	—	—	—	64,375
13	Copper	lb.	33,705,900	—	12,400	302,029,443
14		\$	9,838,752	—	3,620	88,162,394
15	Gold	oz.	15,470	—	—	1,052,588
16		\$	548,257	—	—	37,303,719
17	Indium	—	—	—	—	—
18		—	—	—	—	—
19	Iron ore	ton	7,853,973	—	—	5,335,419
20		\$	59,828,350	—	—	51,724,876
21	Iron, remelt	ton	—	—	—	—
22		\$	—	—	—	14,481,184
23	Lead	lb.	48,744,500	—	217,550	6,063,458
24		\$	4,996,311	—	22,300	621,504
25	Magnesium	lb.	—	—	—	—
26		\$	—	—	—	—
27	Molybdenum	lb.	—	—	—	765,897
28		\$	—	—	—	1,085,091
29	Nickel	lb.	—	—	—	—
30		\$	—	—	—	—
31	Platinum group	oz.	—	—	—	—
32		\$	—	—	—	—
33	Selenium	lb.	—	—	—	224,400
34		\$	—	—	—	1,459,000
35	Silver	oz.	1,103,900	—	23,750	4,014,516
36		\$	1,037,887	—	22,330	3,774,448
37	Tantalum (Ta ₂ O ₅)	—	—	—	—	—
38		—	—	—	—	—
39	Tellurium	lb.	—	—	—	75,700
40		\$	—	—	—	378,400
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.	70,442,000	—	88,000	100,247,630
52		\$	8,861,604	—	11,070	12,642,304
53	Total metals	\$	85,111,161	—	59,320	212,027,816
Non-metallics						
54	Arsenious oxide	lb.	—	—	—	—
55		\$	—	—	—	—
56	Asbestos	ton	—	—	—	1,098,272
57		\$	—	—	—	117,623,243
58	Barite	ton	—	—	162,457	—
59		\$	—	—	1,464,088	—
60	Diatomite	ton	—	—	—	—
61		\$	—	—	—	—
62	Feldspar	ton	—	—	—	9,852
63		\$	—	—	—	215,326
64	Fluorspar	—	—	—	—	—
65		\$	1,900,000	—	—	—
66	Garnet	ton	—	—	—	—
67		\$	—	—	—	—
68	Graphite	ton	—	—	—	3
69		\$	—	—	—	1,654

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1961

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	1,308,015	—	—	1,308,015	1
—	—	—	—	461,729	—	—	461,729	2
18,394	—	—	—	287,827	—	—	479,700	3
22,993	—	—	—	567,019	—	—	886,933	4
—	181,050	130,462	—	1,932,807	—	133,776	2,399,095	5
—	289,680	208,739	—	3,092,491	—	214,042	3,838,552	6
72,597	—	—	—	—	—	—	72,597	7
76,359	—	—	—	—	—	—	76,359	8
2,947,555	288,768	—	—	—	—	—	3,236,323	9
4,476,829	425,828	—	—	—	—	—	4,902,657	10
—	—	—	—	—	—	—	61,050	11
—	—	—	—	—	—	—	64,375	12
423,068,216	21,996,939	67,764,446	—	38,841,621	972,000	880,000	889,270,964	13
122,509,392	6,420,906	19,780,442	—	11,337,869	272,000	256,872	258,582,247	14
2,597,289	56,753	73,898	171	159,296	402,580	67,775	4,425,820	15
92,047,922	2,011,326	2,618,945	6,060	5,645,450	14,267,435	2,401,946	156,851,060	16
—	—	—	—	—	—	—	—	17
—	—	—	—	—	—	—	—	18
5,731,948	—	—	—	1,461,993	—	—	20,383,333	19
55,056,420	—	—	—	13,847,374	—	—	180,457,020	20
—	—	—	—	—	—	—	—	21
—	—	—	—	—	—	—	14,491,184	22
1,698,146	5,807,830	—	—	382,377,772	—	17,484,845	462,394,101	23
174,060	595,300	—	—	39,193,721	—	1,792,197	47,395,393	24
15,480,618	—	—	—	—	—	—	15,480,618	25
4,334,573	—	—	—	—	—	—	4,334,573	26
—	—	—	—	—	—	—	765,897	27
—	—	—	—	—	—	—	1,085,091	28
401,542,624	66,113,146	—	—	4,740,000	3,500,000	—	475,895,770	29
301,435,480	49,958,037	—	—	3,521,820	2,600,000	—	357,515,337	30
404,883	—	—	—	—	—	—	404,883	31
23,829,172	—	—	—	—	—	—	23,829,172	32
128,200	22,216	95,076	—	—	—	—	469,892	33
769,200	144,400	617,995	—	—	—	—	2,990,595	34
9,160,685	741,614	897,145	17	8,867,629	75,568	7,096,386	31,981,210	35
8,612,876	697,265	843,495	16	8,337,345	71,049	6,672,022	30,068,733	36
—	—	—	—	—	—	—	—	37
—	—	—	—	—	—	—	—	38
7,700	2,362	10,111	—	—	—	—	95,873	39
36,652	11,455	49,038	—	—	—	—	475,545	40
—	—	—	—	—	—	—	—	41
—	—	—	—	—	—	—	—	42
—	—	—	—	870,569	—	—	870,569	43
—	—	—	—	797,180	—	—	797,180	44
—	—	—	—	—	—	—	—	45
—	—	—	—	—	—	—	—	46
—	—	—	—	—	—	—	—	47
—	—	—	—	—	—	—	—	48
14,905,905	—	4,320,000	—	—	419,000	—	19,644,905	49
156,714,553	—	44,642,000	—	—	2,782,000	—	204,138,553	50
104,553,782	90,416,528	58,549,802	—	388,230,551	—	12,198,639	824,726,932	51
13,152,866	11,374,400	7,365,565	—	48,839,403	—	1,534,589	103,781,801	52
783,249,347	71,928,597	76,126,219	6,076	135,641,401	19,992,484	12,871,668	1,397,014,089	53
—	—	—	—	—	—	—	—	54
306,363	—	—	—	—	—	—	306,363	54
16,350	—	—	—	—	—	—	16,350	55
27,200	—	—	—	45,773	—	—	1,171,245	56
4,250,000	—	—	—	9,180,198	—	—	131,053,441	57
—	—	—	—	15,497	—	—	177,954	58
—	—	—	—	143,354	—	—	1,607,442	59
—	—	—	—	25	—	—	25	60
—	—	—	—	500	—	—	500	61
—	—	—	—	—	—	—	9,852	62
—	—	—	—	—	—	—	215,326	63
—	—	—	—	—	—	—	—	64
4,000	—	—	—	—	—	—	1,904,000	65
33	—	—	—	—	—	—	33	66
4,620	—	—	—	—	—	—	4,620	67
—	—	—	—	—	—	—	3	68
—	—	—	—	—	—	—	1,654	69

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1961 - Concluded

No.			Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded							
1	Grindstone	ton	—	—	—	8	—
2		\$	—	—	—	1,600	—
3	Gypsum	ton	37,500	—	4,197,360	88,400	—
4		\$	54,700	—	6,823,686	256,750	—
5	Iron oxide	ton	—	—	—	—	690
6		\$	—	—	—	—	57,110
7	Lithia	lb.	—	—	—	—	515,110
8		\$	—	—	—	—	362,850
9	Magnesitic dolomite & brucite	ton	—	—	—	—	—
10		\$	—	—	—	—	2,992,101
11	Mica	lb.	—	—	—	—	1,661,970
12		\$	—	—	—	—	116,000
13	Mineral water	gal.	—	—	—	—	373,000
14		\$	—	—	—	—	200,000
15	Nepheline syenite	ton	—	—	—	—	—
16		\$	—	—	—	—	—
17	Peat moss	ton	—	—	5,080	34,558	72,350
18		\$	—	—	230,951	1,269,046	1,802,302
19	Potash (K ₂ O)	ton	—	—	—	—	—
20		\$	—	—	—	—	—
21	Pyrite, pyrrhotite	ton	—	—	—	—	—
22		\$	—	—	—	—	1,383,963
23	Quartz	ton	—	—	932	—	214,944
24		\$	—	—	5,592	—	1,374,418
25	Salt	ton	—	—	220,000	—	—
26		\$	—	—	2,250,500	—	—
27	Soapstone, talc ¹	ton	24,425	—	—	—	16,330
28		\$	421,331	—	—	—	183,387
29	Sodium sulphate	ton	—	—	—	—	—
30		\$	—	—	—	—	—
31	Sulphur, in smelter gas	ton	—	—	—	—	—
32		\$	—	—	—	—	91,166
33	Sulphur, elemental	ton	—	—	—	—	—
34		\$	—	—	—	—	—
35	Titanium dioxide, etc.	ton	—	—	—	—	—
36		\$	—	—	—	—	16,287,293
37	Total non-metallics	\$	2,376,031	—	10,774,817	1,527,396	142,690,813
Fuels							
38	Coal	ton	—	—	4,355,127	892,688	—
39		\$	—	—	42,027,462	7,575,577	—
40	Natural gas	Mcf.	—	—	—	95,750	—
41		\$	—	—	—	142,375	—
42	Nat. gas by-products	ton	—	—	—	—	—
43		\$	—	—	—	—	—
44	Petroleum, crude	dbl.	—	—	—	12,100	—
45		\$	—	—	—	16,950	—
46	Total fuels	\$	—	—	42,027,462	7,734,902	—
Structural materials							
47	Clay products	\$	70,000	—	1,594,875	812,017	8,283,413
48	Cement	ton	85,000	—	—	164,150	1,997,034
49		\$	1,541,050	—	—	2,645,000	30,287,983
50	Lime	ton	—	—	—	14,106	401,241
51		\$	—	—	—	319,049	3,993,497
52	Sand & gravel	ton	3,702,826	545,880	3,382,563	5,548,920	45,545,951
53		\$	2,870,981	287,686	3,578,907	3,116,756	22,072,904
54	Stone	ton	357,810	659,500	751,044	2,559,108	20,096,286
55		\$	712,391	659,500	1,509,193	1,696,031	28,080,733
56	Total structural materials	\$	5,194,422	947,186	6,682,975	8,588,853	92,718,530
57	Grand totals, 1961	\$	92,681,614	947,186	59,544,574	17,851,151	447,437,159
58	Grand totals, 1960	\$	86,637,123	1,172,587	65,453,531	17,072,739	446,202,726

¹ Includes pyrophyllite.

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1961 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	—	—	—	8	1
—	—	—	—	—	—	—	1,600	2
415,000	130,000	—	—	146,645	—	—	5,014,905	3
1,133,500	390,000	—	—	439,935	—	—	9,098,571	4
—	—	—	—	—	—	—	690	5
—	—	—	—	—	—	—	57,110	6
—	—	—	—	—	—	—	515,110	7
—	—	—	—	—	—	—	362,850	8
—	—	—	—	—	—	—	...	9
—	—	—	—	—	—	—	2,992,101	10
50,000	—	—	—	350,000	—	—	2,061,970	11
10,000	—	—	—	5,375	—	—	131,375	12
2,500	—	—	—	—	—	—	375,500	13
1,800	—	—	—	—	—	—	201,800	14
247,688	—	—	—	—	—	—	247,688	15
2,473,118	—	—	—	—	—	—	2,473,118	16
6,000	18,268	—	—	58,774	—	—	195,030	17
150,000	739,854	—	—	2,136,800	—	—	6,328,953	18
—	—	—	—	—	—	—	—	19
—	—	—	—	—	—	—	—	20
—	—	—	—	—	—	—	505,912	21
—	—	—	—	109,583	—	—	1,493,546	22
1,745,921	—	145,244	—	60,964	—	—	2,168,005	23
1,095,100	—	91,500	—	261,588	—	—	2,828,198	24
2,833,700	22,400	52,000	85,500	—	—	—	3,213,600	25
13,508,000	585,000	1,417,000	1,361,400	—	—	—	19,121,900	26
7,340	—	—	—	—	—	—	48,095	27
105,700	—	—	—	—	—	—	710,418	28
—	—	249,694	—	—	—	—	249,694	29
—	—	4,024,558	—	—	—	—	4,024,558	30
—	—	—	—	—	—	—	311,211	31
848,940	—	—	—	2,088,670	—	—	3,028,776	32
—	—	—	—	—	—	—	396,286	33
35,300	—	29,000	5,519,433	721,450	—	—	6,305,183	34
—	—	—	—	—	—	—	—	35
—	—	—	—	—	—	—	16,287,293	36
23,636,428	1,714,854	5,562,058	6,880,833	15,087,453	—	—	210,250,683	37
—	—	2,162,649	1,975,734	972,676	—	7,804	10,366,678	38
—	—	3,612,003	10,181,497	6,471,561	—	115,243	69,983,343	39
18,500,000	—	35,000,000	497,925,000	94,462,454	35,000	—	646,018,204	40
7,160,000	—	3,300,000	44,315,325	8,678,457	11,000	—	63,607,157	41
—	—	—	—	—	—	—	—	42
—	—	1,530,000	20,100,000	900,000	—	—	22,530,000	43
1,152,000	4,485,000	56,000,000	157,650,000	658,962	502,500	—	220,460,562	44
3,551,000	10,200,000	116,800,000	354,712,500	1,335,785	688,425	—	487,304,660	45
10,711,000	10,200,000	125,242,003	429,309,322	17,385,803	699,425	115,243	643,425,160	46
19,774,288	661,420	1,096,800	3,746,942	2,005,650	—	—	38,045,405	47
2,220,234	385,525	202,125	672,525	418,575	—	—	6,145,168	48
34,052,637	7,556,000	5,161,000	12,385,000	7,063,499	—	—	100,692,169	49
836,953	53,123	—	48,730	31,800	—	—	1,385,953	50
10,603,592	899,474	—	814,175	646,000	—	—	17,275,787	51
75,084,320	7,993,070	8,761,528	12,020,054	15,917,082	—	—	178,502,194	52
43,201,211	5,282,304	5,012,960	10,242,676	10,747,124	—	—	106,413,509	53
17,612,804	501,266	—	148,010	2,629,280	—	—	45,315,108	54
23,027,084	914,259	—	324,090	3,742,755	—	—	60,666,036	55
130,658,812	15,313,457	11,270,760	27,512,883	24,205,028	—	—	323,092,906	56
948,255,587	99,156,908	218,201,040	463,709,114	192,319,685	20,691,909	12,986,911	2,573,782,838	57
983,104,412	58,702,697	212,093,225	395,344,010	186,261,646	27,135,087	13,330,198	2,492,509,981	58

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1960

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	172,983
4		\$	—	—	—	297,018
5	Cadmium	lb.	—	—	—	66,499
6		\$	—	—	—	94,429
7	Calcium	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	—
10		\$	—	—	—	—
11	Copper	lb.	27,726,518	—	—	314,939,446
12		\$	8,398,362	—	—	95,395,158
13	Gold	oz.	13,515	—	3	1,035,914
14		\$	458,834	—	102	35,169,280
15	Indium	—	—	—	—	—
16		—	—	—	—	—
17	Iron ore	ton	7,611,365	—	—	7,457,971
18		\$	54,673,717	—	—	61,752,485
19	Iron (remelt)	—	—	—	—	—
20		\$	—	—	—	10,972,979
21	Lead	lb.	48,043,926	—	—	5,338,901
22		\$	5,131,091	—	—	570,195
23	Magnesium	lb.	—	—	—	—
24		\$	—	—	—	—
25	Molybdenum	lb.	—	—	—	762,207
26		\$	—	—	—	1,005,880
27	Nickel	lb.	—	—	—	—
28		\$	—	—	—	—
29	Platinum group	oz.	—	—	—	—
30		\$	—	—	—	—
31	Selenium	lb.	—	—	—	279,759
32		\$	—	—	—	1,958,313
33	Silver	oz.	1,271,126	—	—	4,115,105
34		\$	1,130,158	—	—	3,658,740
35	Tellurium	lb.	—	—	—	29,925
36		\$	—	—	—	104,738
37	Thorium	—	—	—	—	—
38		—	—	—	—	—
39	Tin	lb.	—	—	—	—
40		\$	—	—	—	—
41	Titanium ore	ton	—	—	—	2,947
42		\$	—	—	—	16,265
43	Tungsten (WO ₃)	—	—	—	—	—
44		—	—	—	—	—
45	Uranium (U ₃ O ₈)	lb.	—	—	—	—
46		\$	—	—	—	—
47	Zinc	lb.	68,415,856	—	—	99,614,995
48		\$	9,133,517	—	—	13,298,602
49	Total metals	\$	78,925,679	—	102	224,294,082
Non-metallics						
50	Arsenious Oxide	lb.	—	—	—	—
51		\$	—	—	—	—
52	Asbestos	ton	—	—	—	1,054,424
53		\$	—	—	—	107,788,172
54	Barite	ton	—	—	130,719	—
55		\$	—	—	1,241,624	—
56	Diatomite	ton	—	—	—	—
57		\$	—	—	—	—
58	Feldspar	ton	—	—	—	13,862
59		\$	—	—	—	239,273
60	Fluorspar	—	—	—	—	—
61		\$	1,820,769	—	—	—
62	Garnet	ton	—	—	—	—
63		\$	—	—	—	—
64	Grindstone	ton	—	—	—	10
65		\$	—	—	2,000	—

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1960

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	1,651,786	—	—	1,651,786	1
—	—	—	—	538,482	—	—	538,482	2
37,835	—	—	—	213,009	—	—	423,827	3
45,402	—	—	—	419,628	—	—	762,048	4
—	110,138	256,498	—	1,778,866	—	145,496	2,357,497	5
—	156,396	364,227	—	2,525,990	—	206,604	3,347,646	6
134,801	—	—	—	—	—	—	134,801	7
159,241	—	—	—	—	—	—	159,241	8
3,258,401	301,410	—	—	—	—	—	3,568,811	9
6,312,921	450,095	—	—	—	—	—	6,763,016	10
412,544,528	25,585,597	63,570,278	—	33,117,729	1,040,000	—	878,524,096	11
123,750,235	7,749,877	19,255,437	—	9,982,552	315,016	—	264,846,637	12
2,732,673	52,762	84,775	—	212,859	418,104	78,115	4,628,911	13
92,774,248	1,791,270	2,878,111	6,484	7,226,563	14,194,631	2,652,004	157,151,527	14
—	—	—	—	...	—	—	...	15
—	—	—	—	...	—	—	...	16
5,325,197	—	—	—	1,156,297	—	—	21,550,830	17
48,399,442	—	—	—	10,256,879	—	—	175,082,523	18
—	—	—	—	—	—	—	...	19
—	—	—	—	—	—	—	10,972,979	20
1,661,896	2,074,660	—	—	333,894,197	—	20,286,871	411,300,451	21
177,490	221,574	—	—	35,659,900	—	2,166,638	43,926,888	22
14,577,138	—	—	—	—	—	—	14,577,138	23
4,313,987	—	—	—	—	—	—	4,313,987	24
—	—	—	—	5,414	—	—	767,621	25
—	—	—	—	9,500	—	—	1,015,380	26
403,300,283	18,118,768	—	—	3,779,878	3,813,778	—	429,012,707	27
277,924,234	12,400,485	—	—	2,645,915	2,669,645	—	295,640,279	28
483,585	—	—	—	—	—	19	483,604	29
28,871,955	—	—	—	—	—	1,553	28,873,508	30
144,500	24,358	73,021	—	—	—	—	521,638	31
1,011,500	170,506	511,147	—	—	—	—	3,651,466	32
11,220,823	501,637	1,163,845	19	8,447,440	79,473	7,217,361	34,016,829	33
9,976,434	446,005	1,034,775	17	7,510,619	70,659	6,416,956	30,244,363	34
7,450	1,825	5,482	—	—	—	—	44,682	35
26,075	6,388	19,187	—	—	—	—	156,388	36
...	—	—	—	—	—	—	...	37
—	—	—	—	—	—	—	...	38
—	—	—	—	621,718	—	—	621,718	39
—	—	—	—	522,243	—	—	522,243	40
—	—	—	—	—	—	—	2,947	41
—	—	—	—	—	—	—	16,265	42
—	—	—	—	—	—	—	—	43
—	—	—	—	—	—	—	—	44
19,793,727	—	4,624,431	—	—	1,077,211	—	25,495,369	45
211,983,533	—	48,722,961	—	—	9,231,698	—	269,938,192	46
90,459,368	48,780,938	85,405,095	—	407,666,190	—	13,402,899	813,745,341	47
12,076,326	6,512,255	11,401,580	—	54,423,436	—	1,789,287	108,635,003	48
817,803,023	29,904,851	84,187,425	6,501	131,721,707	26,481,649	13,233,042	1,406,558,061	49
—	—	—	—	—	—	—	—	50
1,724,326	—	—	—	—	—	—	1,724,326	50
70,400	—	—	—	—	—	—	70,400	51
23,284	—	—	—	40,748	—	—	1,118,456	52
4,128,920	—	—	—	9,482,923	—	—	121,400,015	53
—	—	—	—	23,573	—	—	154,292	54
—	—	—	—	220,588	—	—	1,462,212	55
—	—	—	—	44	—	—	44	56
—	—	—	—	1,430	—	—	1,430	57
—	—	—	—	—	—	—	13,862	58
—	—	—	—	—	—	—	239,273	59
...	—	—	—	...	—	—	...	60
100,811	—	—	—	240	—	—	1,921,820	61
32	—	—	—	—	—	—	32	62
4,480	—	—	—	—	—	—	4,480	63
—	—	—	—	—	—	—	10	64
—	—	—	—	—	—	—	2,000	65

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1960 - Concluded

No.			Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded							
1	Gypsum	ton	34,346	—	4,490,427	90,892	—
2		\$	141,668	—	7,515,244	267,002	—
3	Iron Oxide	ton	—	—	—	—	909
4		\$	—	—	—	—	76,780
5	Lithia	lb.	—	—	—	—	204,666
6		\$	—	—	—	—	84,135
7	Magnesitic dolomite & brucite	—	—	—	—	—	...
8		\$	—	—	—	—	3,279,021
9	Mica	lb.	—	—	—	—	1,234,828
10		\$	—	—	—	—	85,272
11	Mineral water	gal.	—	—	—	—	372,799
12		\$	—	—	—	—	199,874
13	Nepheline syenite	ton	—	—	—	—	—
14		\$	—	—	—	—	—
15	Peat moss	ton	—	—	1,657	21,062	56,731
16		\$	—	—	68,784	832,720	1,342,338
17	Potash (K ₂ O)	—	—	—	—	—	—
18		\$	—	—	—	—	—
19	Pyrite, pyrrhotite	ton	—	—	—	—	...
20		\$	—	—	—	—	1,854,366
21	Quartz	ton	—	—	9,281	—	357,165
22		\$	—	—	52,813	—	1,835,960
23	Salt	ton	—	—	163,901	—	—
24		\$	—	—	2,256,423	—	—
25	Soapstone, talc ¹	ton	20,225	—	—	—	14,222
26		\$	262,925	—	—	—	157,611
27	Sodium sulphate	ton	—	—	—	—	—
28		\$	—	—	—	—	—
29	Sulphur, in smelter gas	ton	—	—	—	—	...
30		\$	—	—	—	—	83,273
31	Sulphur, elemental	ton	—	—	—	—	—
32		\$	—	—	—	—	—
33	Titanium dioxide, etc.	—	—	—	—	—	...
34		\$	—	—	—	—	12,947,000
35	Total non-metallics	\$	2,225,362	—	11,134,888	1,101,722	129,973,075
Fuels							
36	Coal	ton	—	—	4,570,240	1,028,064	—
37		\$	—	—	44,981,257	8,663,339	—
38	Natural gas	Mcf.	—	—	—	98,701	—
39		\$	—	—	—	151,603	—
40	Nat. gas by-products	—	—	—	—	—	—
41		\$	—	—	—	—	—
42	Petroleum, crude	bbl.	—	—	—	14,148	—
43		\$	—	—	—	19,807	—
44	Total fuels	\$	—	—	44,981,257	8,834,749	—
Structural materials							
45	Clay products	\$	83,435	—	1,673,618	705,366	8,093,038
46	Cement	ton	93,160	—	—	163,245	1,875,997
47		\$	1,688,664	—	—	2,546,622	28,315,159
48	Lime	ton	—	—	—	16,727	399,874
49		\$	—	—	—	379,258	4,449,164
50	Sand & gravel	ton	3,912,533	474,184	8,717,693	6,184,924	46,255,963
51		\$	3,069,395	422,587	6,020,239	2,091,227	22,620,093
52	Stone	ton	380,843	750,000	914,937	1,883,867	20,394,509
53		\$	644,588	750,000	1,643,427	1,413,795	28,458,115
54	Total structural materials	\$	5,486,082	1,172,587	9,337,284	7,136,268	91,935,569
55	Grand totals, 1960	\$	86,637,123	1,172,587	65,453,531	17,072,739	446,202,726
56	Grand totals, 1959	\$	72,156,996	4,559,171	62,879,647	18,133,290	440,897,186

¹ Includes pyrophyllite.

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1960 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
355,603	122,063	—	—	112,400	—	—	5,205,731	1
871,408	366,189	—	—	337,200	—	—	9,498,711	2
—	—	—	—	—	—	—	909	3
—	—	—	—	—	—	—	76,780	4
—	—	—	—	—	—	—	204,666	5
—	—	—	—	—	—	—	84,135	6
—	—	—	—	—	—	—	...	7
—	—	—	—	—	—	—	3,279,021	8
345,777	—	—	—	122,000	—	—	1,702,605	9
5,745	—	—	—	3,186	—	—	94,203	10
2,626	—	—	—	—	—	—	375,425	11
1,890	—	—	—	—	—	—	201,764	12
240,636	—	—	—	—	—	—	240,636	13
2,891,095	—	—	—	—	—	—	2,891,095	14
13,566	12,496	—	—	80,272	—	—	185,784	15
338,614	468,167	—	—	3,037,515	—	—	6,088,138	16
—	—	—	—	—	—	—	...	17
—	—	178,700	—	—	—	—	178,700	18
—	—	—	—	—	—	—	1,032,288 ¹	19
762,661	—	—	—	699,351	—	—	3,316,378	20
1,659,410	120	169,903	—	64,887	—	—	2,260,766	21
998,281	179	107,039	—	272,433	—	—	3,266,705	22
3,007,599	21,925	49,064	72,431	—	—	—	3,314,920	23
13,994,545	561,161	1,337,096	1,206,433	—	—	—	19,355,658	24
7,169	—	—	—	—	—	—	41,636	25
102,645	—	—	—	—	—	—	523,181	26
—	—	214,208	—	—	—	—	214,208	27
—	—	3,449,155	—	—	—	—	3,449,155	28
—	—	—	—	—	—	—	289,620 ¹	29
957,660	—	—	—	1,813,690	—	—	2,854,623	30
—	—	—	—	—	—	—	274,359 ¹	31
28,057	—	38,204	3,650,145	582,500	—	—	4,298,906	32
—	—	—	—	—	—	—	...	33
—	—	—	—	—	—	—	12,947,000	34
25,257,212	1,395,696	5,110,194	4,856,578	16,451,056	—	—	197,505,783	35
—	—	2,170,797	2,391,699	843,868	—	6,470	11,011,138	36
—	—	3,833,629	11,516,842	5,584,017	—	97,156	74,676,240	37
16,987,056	—	36,571,633	383,682,986	85,592,166	39,785	—	522,972,327	38
6,573,990	—	3,722,992	34,148,675	7,587,403	12,219	—	52,196,882	39
—	—	—	—	—	—	—	...	40
—	—	1,436,564	14,021,998	593,648	—	—	16,052,210	41
1,005,030	4,764,045	51,908,428	130,506,968	867,057	468,545	—	189,534,221	42
3,150,065	10,690,384	103,957,009	302,841,423	1,626,590	641,219	—	422,926,497	43
9,724,055	10,690,384	112,950,194	362,528,938	15,391,658	653,438	97,156	565,851,829	44
20,191,325	813,135	1,130,332	3,551,682	1,984,607	—	—	38,226,538	45
2,007,044	429,788	169,282	663,856	384,853	—	—	5,787,225	46
30,699,800	8,105,802	3,997,809	11,474,865	6,432,752	—	—	93,261,473	47
990,088	48,383	—	43,731	30,765	—	—	1,529,568	48
12,276,630	834,698	—	756,499	603,541	—	—	19,301,790	49
77,660,833	10,860,566	8,952,539	13,385,970	15,669,293	—	—	192,074,498	50
43,929,708	5,907,596	4,717,271	11,858,520	10,527,250	—	—	111,163,886	51
17,938,583	673,598	—	167,201	2,255,911	—	—	45,359,449	52
23,220,659	1,050,535	—	310,427	3,149,075	—	—	60,640,621	53
130,320,122	16,711,766	9,845,412	27,951,993	22,697,225	—	—	322,594,308	54
983,104,412	58,702,697	212,093,225	395,344,010	186,261,646	27,135,087	13,330,198	2,492,509,981	55
970,762,201	55,512,410	210,042,051	376,215,593	159,395,092	25,874,496	12,592,378	2,409,020,511	56

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					
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	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	120,000	487,034	22,969	636

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
		\$			\$	
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	1,518,000
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	1,308,015	461,729	—	832,547	170,190	...

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
	Pounds	Value		Pounds	Refined metal or regulus	
					Pounds	Value	Pounds
		\$			\$	
1952	162,373	347,224	142,246 ²	2,491	6,124	106,000
1953	117,366	209,557	71,297 ²	997	2,141	67,000
1954	258,675	572,183	225,352 ²	—	—	74,000
1955	265,896	572,362	160,766 ²	5,908	11,888	92,000
1956	285,861	544,900	156,000 ²	24,025	49,143	40,000
1957	319,941	584,917	146,000 ²	9,614	20,287	39,000
1958	412,792	771,267	172,000 ²	12,857	26,178	19,000
1959	334,736	590,212	182,000 ²	13,002	26,829	40,000
1960	423,827	762,048	248,000 ²	7,648	15,042	85,000
1961	479,700	886,933	305,000 ²	17,983	24,567	45,000

¹ Includes bismuth residues.

² Includes some bismuth from foreign ores.

TABLE 9. CADMIUM

Year	Production in all forms		Consumption refined metal	Exports, refined metal	
	Pounds	Value	Pounds	Pounds	Value
		\$			\$
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	2,339,421	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	2,399,095	3,838,552	...	1,901,962	2,339,606

TABLE 10. CHROMITE

Year	Production of chrome ore		Imports of chrome ore	
	Tons	Value	Tons	Value
		\$		\$
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
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

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
		\$		\$		\$		\$
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	3,516,670	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	6,763,016	—	—	—	—	846,167	1,375,856
1961	3,236,323	4,902,657	—	—	—	—	603,931	1,039,073

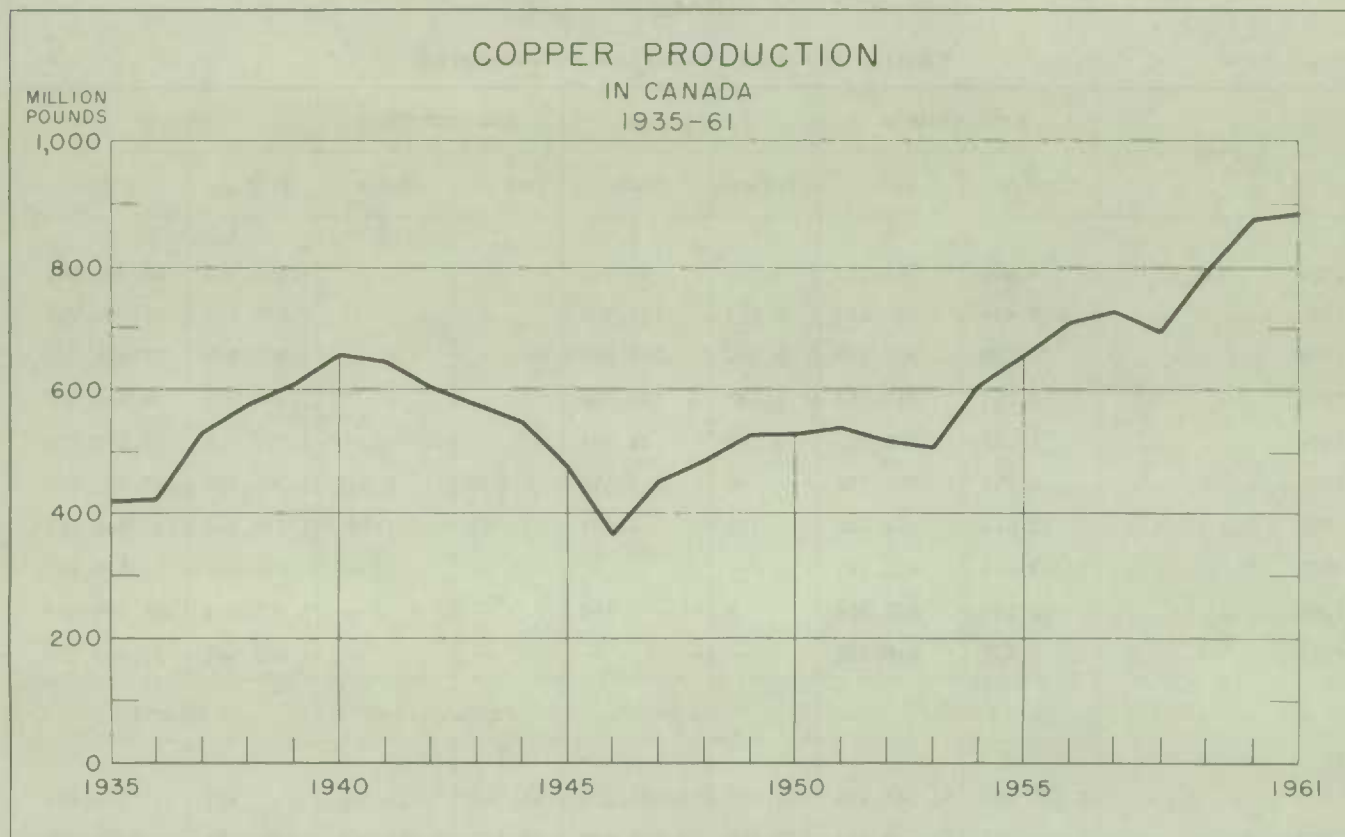
¹ From Canadian ores only.

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
		\$		\$		\$		\$
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	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	16,853	9,838,752	6	3,620	—	—	151,015	88,162,394
	Ontario		Manitoba		Saskatchewan			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
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	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	211,534	122,509,392	10,998	6,420,906	33,882	19,780,442		
	British Columbia		Northwest Territories		Yukon		Canada	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
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	21,682	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	19,421	11,337,869	486	272,000	440	256,872	444,635	258,582,247

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				
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	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	406,438	141,808	266,247	3

TABLE 14. Exports of Primary Copper

	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	Value	Tons	Value
		\$		\$
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
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

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
		\$		\$		\$		\$
1952.....	8,595	294,551	1,433	49,109	—	—	1,113,204	38,149,501
1953.....	7,654	263,451	3,248	111,796	—	—	1,021,698	35,166,845
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.....	15,470	548,257	—	—	—	—	1,052,588	37,303,719
	Ontario		Manitoba		Saskatchewan		Alberta	
1952.....	2,513,691	86,144,910	141,947	4,864,524	93,585	3,207,158	111	3,804
1953.....	2,182,437	75,119,481	131,309	4,519,656	88,327	3,040,215	65	2,237
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.....	2,597,289	92,047,922	56,753	2,011,326	73,898	2,618,945	171	6,060
	British Columbia		Northwest Territories		Yukon		Canada	
1952.....	273,059	9,357,732	247,581	8,484,601	78,519	2,690,846	4,471,725	153,246,016
1953.....	264,976	9,120,474	289,929	9,979,356	66,080	2,274,474	4,055,723	139,597,985
1954.....	268,508	9,148,068	308,563	10,512,741	82,208	2,800,826	4,366,440	148,764,611
1955.....	252,979	8,732,835	321,321	11,092,001	72,201	2,492,379	4,541,962	156,788,528
1956.....	196,692	6,776,040	352,669	12,149,447	72,001	2,480,434	4,383,863	151,024,080
1957.....	229,113	7,686,741	340,018	11,407,604	73,962	2,481,425	4,433,894	148,757,143
1958.....	210,612	7,156,596	343,838	11,683,615	67,745	2,301,975	4,571,347	155,334,370
1959.....	184,312	6,187,354	405,922	13,626,802	66,960	2,247,847	4,483,416	150,508,275
1960.....	212,859	7,226,563	418,104	14,194,631	78,115	2,652,004	4,628,911	157,151,527
1961.....	159,296	5,645,450	402,580	14,267,435	67,775	2,401,946	4,425,820	156,851,060

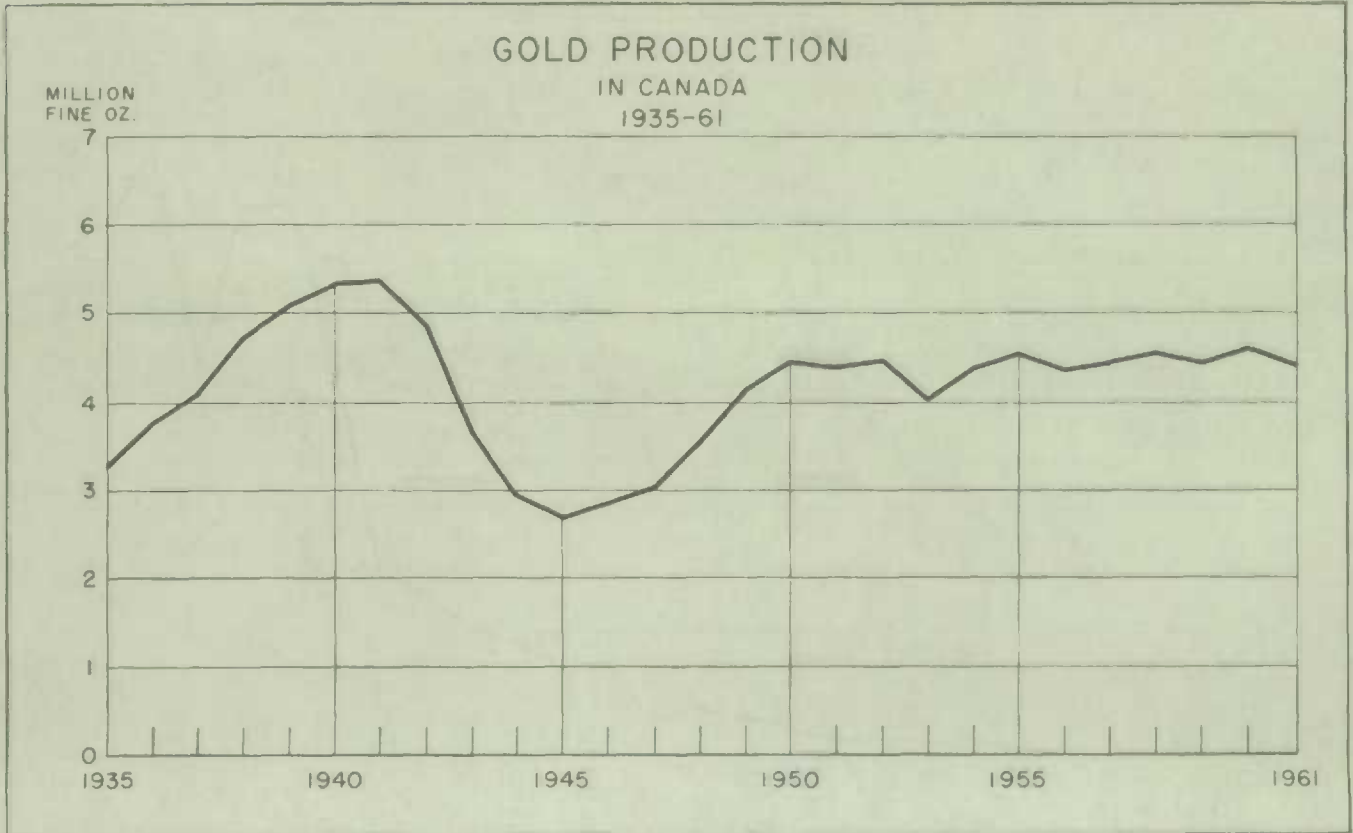
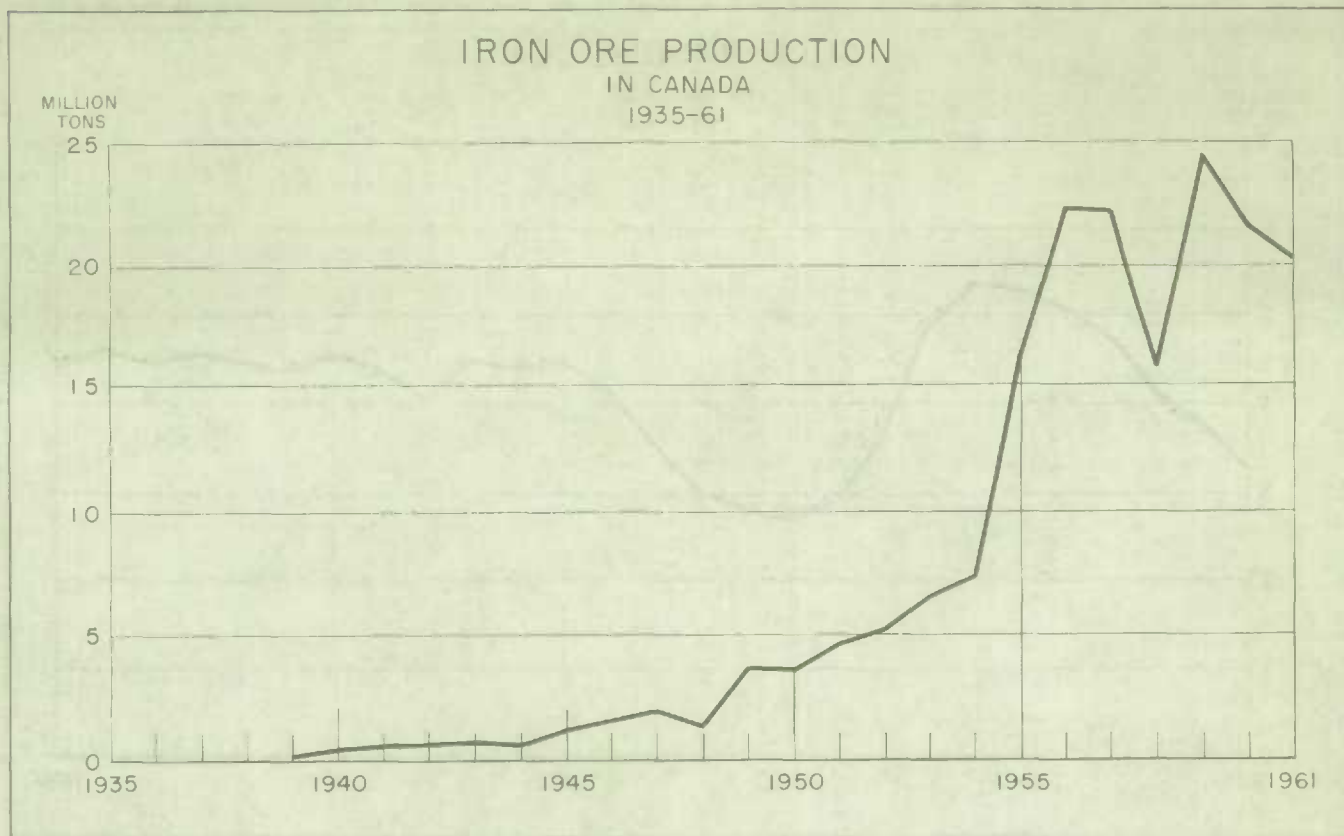


TABLE 16. IRON ORE

Year	Producers' shipments		Imports		Exports	
	Short tons	Value	Short tons	Value	Short tons	Value
		\$		\$		\$
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	4,167,371	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.....	22,348,278	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.....	20,383,333	180,457,020	4,628,154	47,433,053	16,652,346	142,565,982

**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
		\$			\$		\$	
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	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	231,197	47,395,393	171,832	70,967	9,131,987	117,637	18,189,953	49,673

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
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	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	24,372	4,996,311	109	22,300	—	—	3,032	621,504

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

Year	Ontario		British Columbia		Yukon		Canada	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1952	902	291,979	129,385	41,894,771	9,184	2,973,883	168,842	54,671,021 ¹
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	1,505	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	166,947	35,659,900	10,144	2,166,638	205,650 ²	43,926,888
1961	849	174,060	191,189	39,193,721	8,742	1,792,197	231,197 ³	47,395,393

¹ Includes 14 tons from Northwest Territories.

² Includes 1,037 tons from Manitoba in 1960.

³ Includes 2,904 tons from Manitoba in 1961.

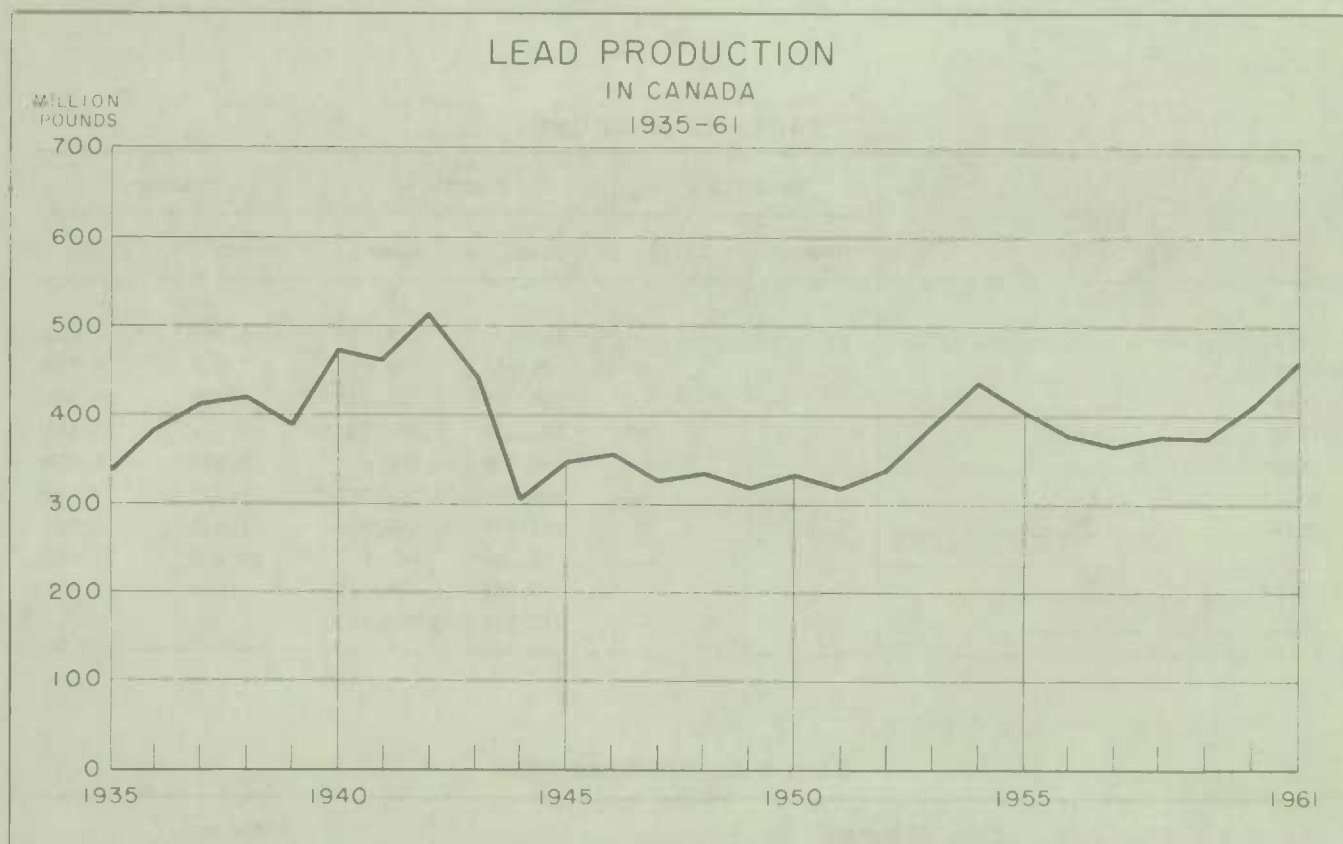


TABLE 19. MAGNESIUM

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	Value		Pounds	Value
		\$			\$
1952	4,812,368 ¹	1957	16,770,371	5,254,896
1953	5,295,840 ¹	1958	13,591,705	4,064,825
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	19,212,298	6,079,890	1961	15,480,618	4,334,573

¹ Includes output to 1950-55.

TABLE 20. MANGANESE ORE

Year	Production		Imports	
	Tons	Value	Tons	Value
		\$		\$
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
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

TABLE 21. MERCURY

Year	Production		Imports		Exports	
	Pounds	Value	Pounds	Value	Pounds	Value
		\$		\$		\$
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
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	...	...

TABLE 22. MOLYBDENUM

Year	Shipments			Year	Shipments		
	Concentrates	Mo. content	Value		Concentrates	Mo. content	Value
	Tons	Pounds			Tons	Pounds	
		\$			\$		
1952	331	303,578	409,831	1957	633	783,739	1,166,557
1953	184	194,344	215,527	1958 .....	...	888,264	1,152,838
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 .....	...	765,897	1,085,091

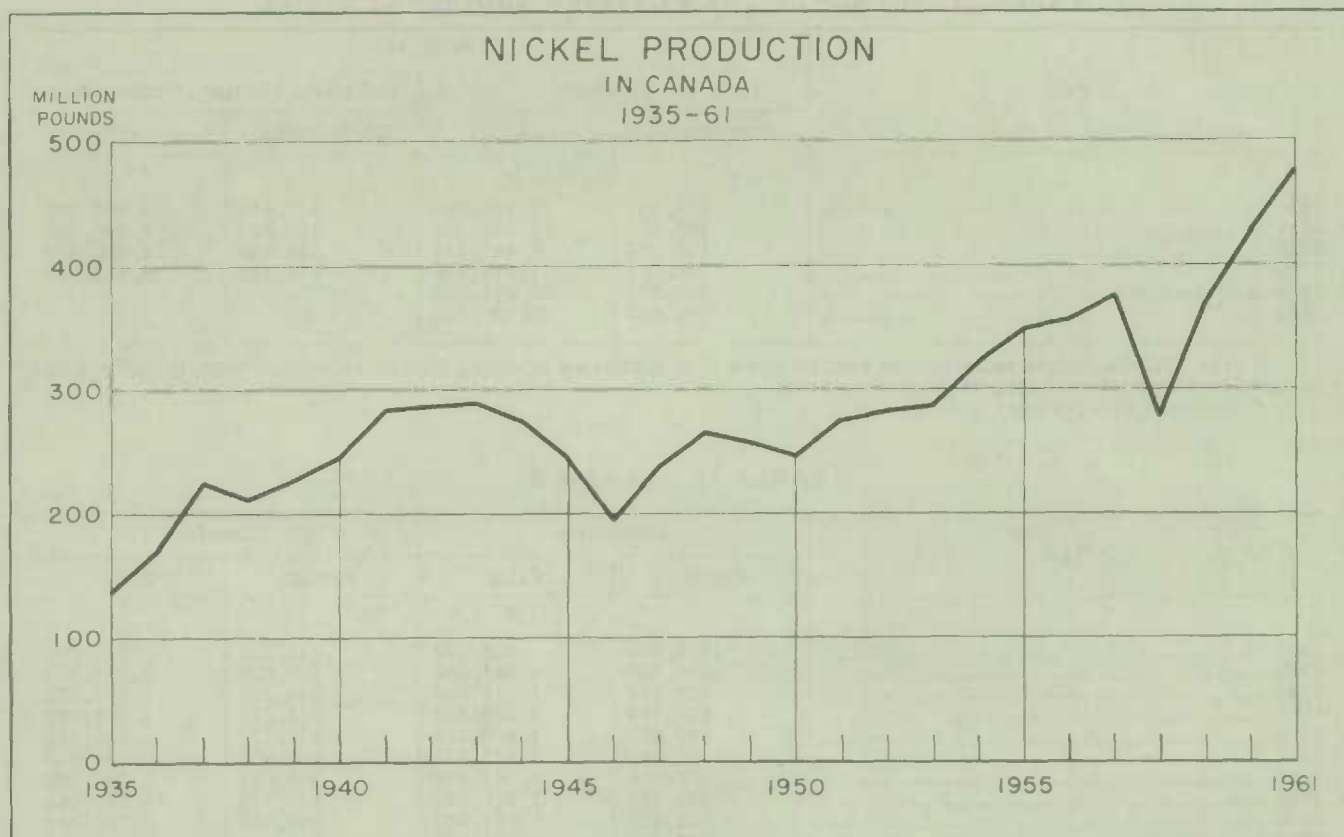


TABLE 23. NICKEL

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
		\$		\$		\$
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.....	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.....	237,948	357,515,337	92,938	128,057,056	133,504	187,213,732

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
		\$		\$
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

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
		\$		\$
1956	151,357	15,725,992	163,451	6,681,098
1957	199,565	17,835,124	216,582	7,896,209
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	404,883	23,829,172	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 1960-61.

TABLE 25. SELENIUM

Year	Production		Exports	
	Pounds	Value	Pounds	Value
		\$		\$
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	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	469,892	2,990,595	345,800	2,251,502

SILVER PRODUCTION

IN CANADA

1935-61

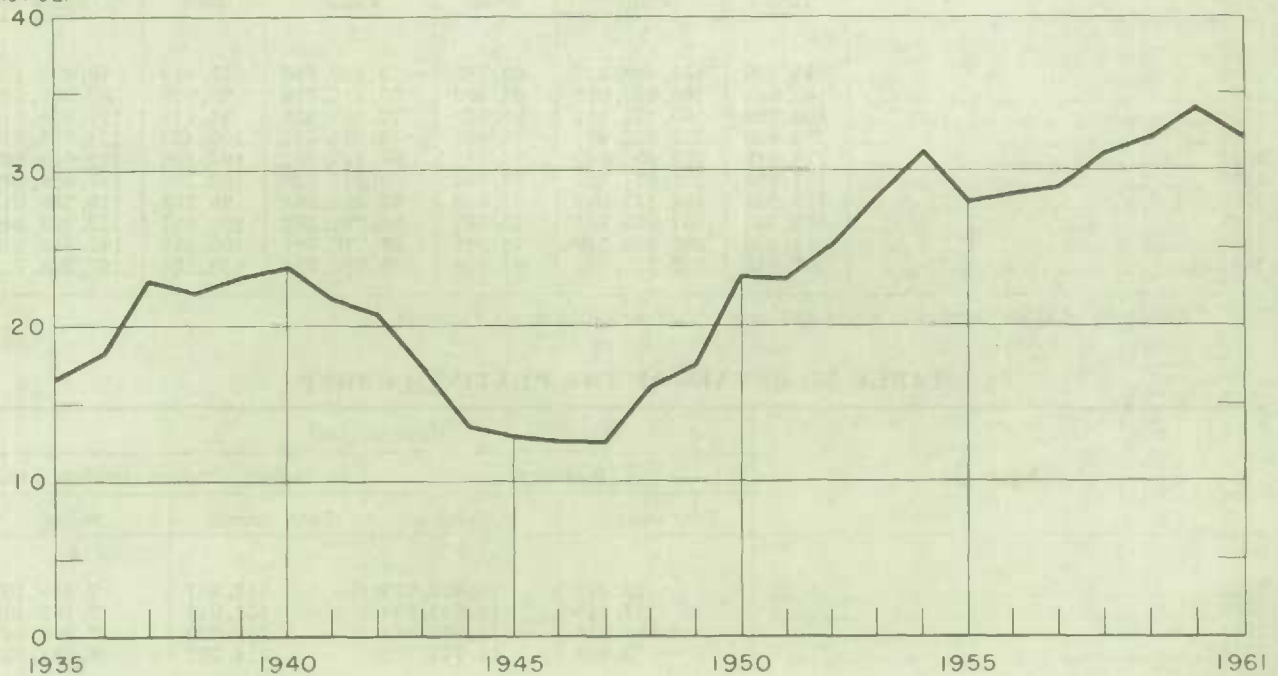
MILLION
TROY OZ.

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
		\$		\$		\$
1952	25,222,227	21,065,603	3,546,448	2,330,376	14,928,515	12,617,803
1953	28,299,335	23,774,271	5,696,518	4,613,352	14,632,914	12,231,682
1954	31,117,949	25,907,870	8,672,340	6,961,083	14,467,015	11,991,317
1955	27,984,204	24,676,472	5,373,873	4,857,948	16,598,577	14,485,037
1956	23,431,847	25,497,681	6,924,414	5,871,438	14,341,753	12,821,395
1957	28,323,293	25,182,915	5,979,459	4,943,154	12,799,990	11,691,463
1958	31,163,470	27,053,007	5,093,788	4,274,483	16,026,550	14,279,596
1959	31,923,969	28,022,960	6,814,965	6,210,175	15,140,830	13,511,177
1960	34,016,829	30,244,363	3,897,402	3,255,194	12,761,063	11,315,369
1961	31,981,210	30,068,733	10,352,700	9,454,289	10,783,414	10,093,541

TABLE 27. TELLURIUM

Year	Production		Year	Production	
	Pounds	Value		Pounds	Value
		\$			\$
1952	6,035	10,259	1957	31,524	55,167
1953	4,694	8,215	1958	33,250	65,025
1954	3,171	14,300	1959	13,023	27,999
1955	9,014	15,774	1960	44,682	156,388
1956	7,867	13,767	1961	95,873	475,545

TABLE 28. TIN

Year	Production ¹ of tin		Imports in blocks, pigs		Consumption
	Tons	Value	Tons	Value	Tons
		\$		\$	
1952	106	253,581	4,423	10,595,385	4,743
1953	322 ¹	581,746	4,146	3,263,530	4,424
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	373 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	435	797,130	3,948	8,893,408	...

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

TABLE 29. TITANIUM ORE

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1952.....	51	459	1957.....	10,770	97,075
1953.....	9,294	80,085	1958.....	—	—
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.....	—	—

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		\$		\$
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.....	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

TABLE 31. URANIUM

Year	Producers' shipments (U ₃ O ₈)		Year	Producers' shipments (U ₃ O ₈)	
	Pounds	Value		Pounds	Value
		\$			\$
1941-1953.....	...	..	1958.....	26,805,232	279,538,471
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.....	19,644,905	204,138,553
1957.....	13,271,414	136,304,364			

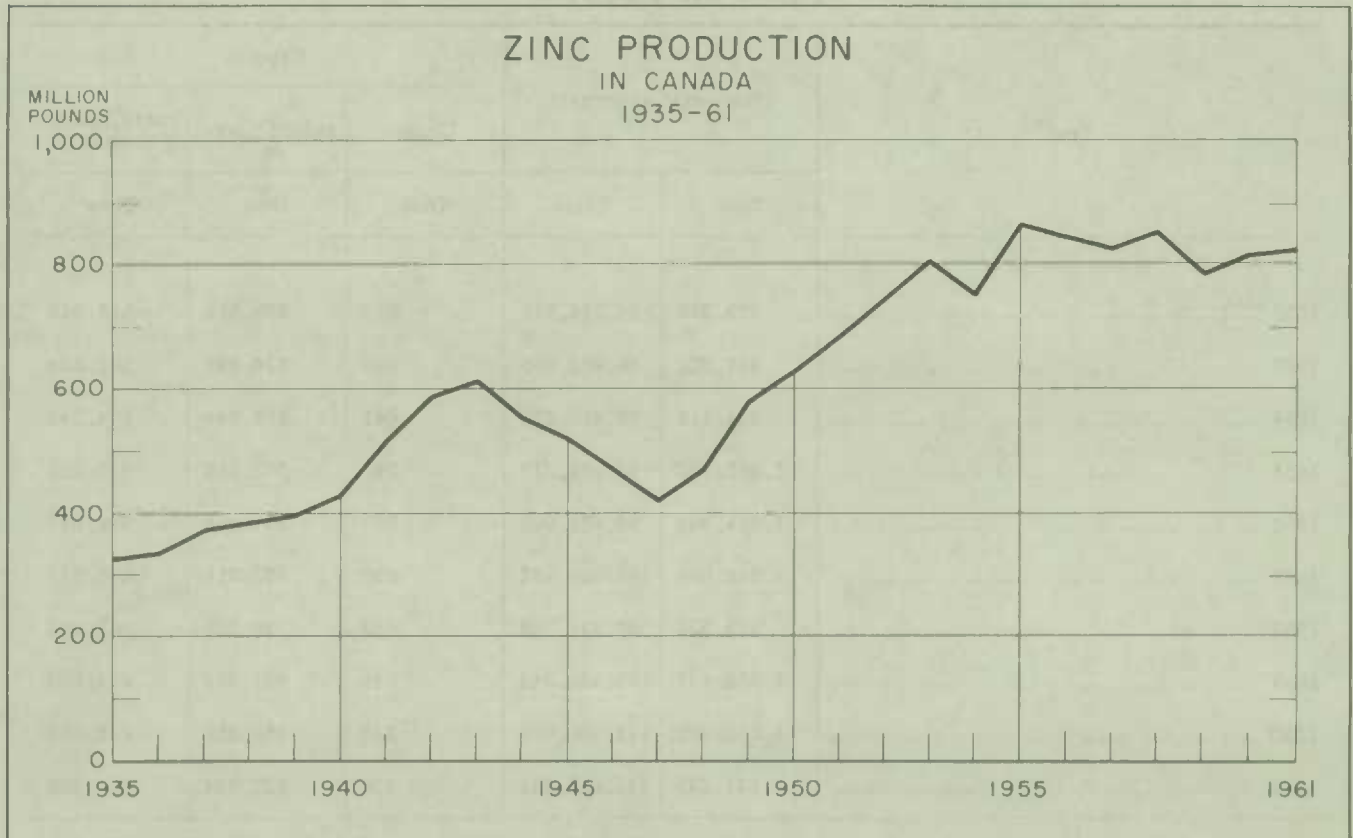
¹ Value of refinery products.

TABLE 32. ZINC

Year	Production, primary zinc in all forms		Production, refined zinc	Consumption, refined zinc	Exports			
	Tons	Value			Zinc contained in ore		Refined zinc	
			Tons	Tons	Tons	Value	Tons	Value
		\$				\$		\$
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.....	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.....	412,363	103,781,801	268,006	63,327	199,322	16,387,259	208,272	42,036,754

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
		\$		\$		\$		\$		\$
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	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	35,221	8,861,604	44	11,070	-	-	50,124	12,642,304	52,277	13,152,866
	Manitoba		Saskatchewan		British Columbia		Yukon			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value		
		\$		\$		\$		\$		
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	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	45,208	11,374,400	29,275	7,365,565	194,115	48,839,403	6,099	1,534,589		



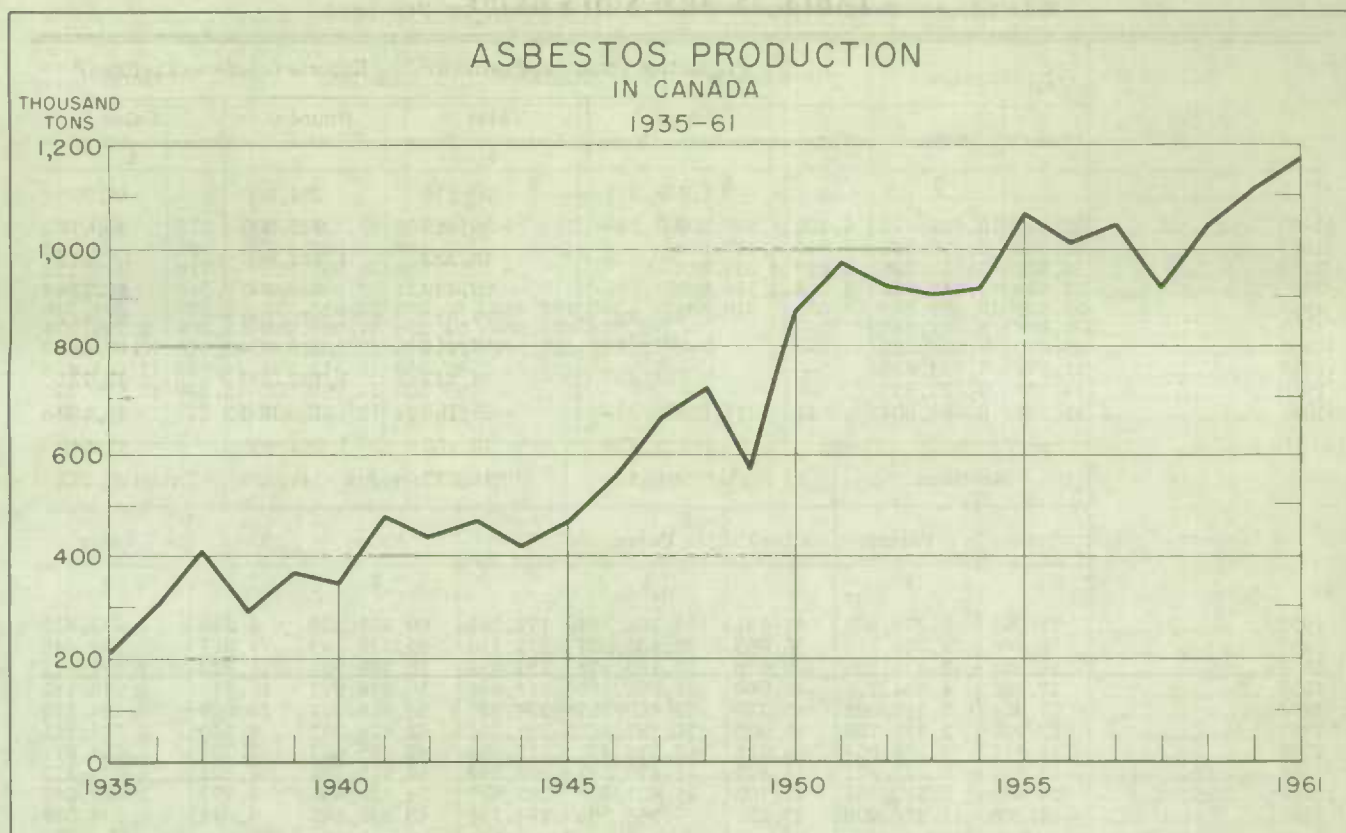


TABLE 34. ASBESTOS

Year	Producers' shipments		Exports		
			Crude	Milled fibres	Waste, refuse or shorts
	Tons	Value \$	Tons	Tons	Tons
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	1,014,249	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	1,171,245	131,053,441	176	527,324	589,380

TABLE 35. ARSENIOS OXIDE

Year	Production (crude and refined) ¹		Exports (crude and refined) ¹	
	Pounds ²	Value	Pounds	Value
		\$		\$
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	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	306,363	16,350	244,500	10,263

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

² Data for 1952-61 include some arsenious oxide recovered from foreign ores.

TABLE 36. BARITE

Year	Producers' shipments		Imports	
	Tons	Value	Tons	Value
		\$		\$
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	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	177,954	1,607,442	1,890	94,248

TABLE 37. FELDSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	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	9,852	215,326	1,721	36,235	2,626	62,786

TABLE 38. FLUORSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	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.....	...	1,904,000	32,769	914,221	2,048	53,326

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
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	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.....	3	1,654	47,450	215,788	945,258	—

TABLE 40. GYPSUM

Year	Producers' shipments		Exports of crude gypsum	
	Tons	Value	Tons	Value
		\$		\$
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.....	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.....	5,014,905	9,098,571	3,819,345	5,553,551

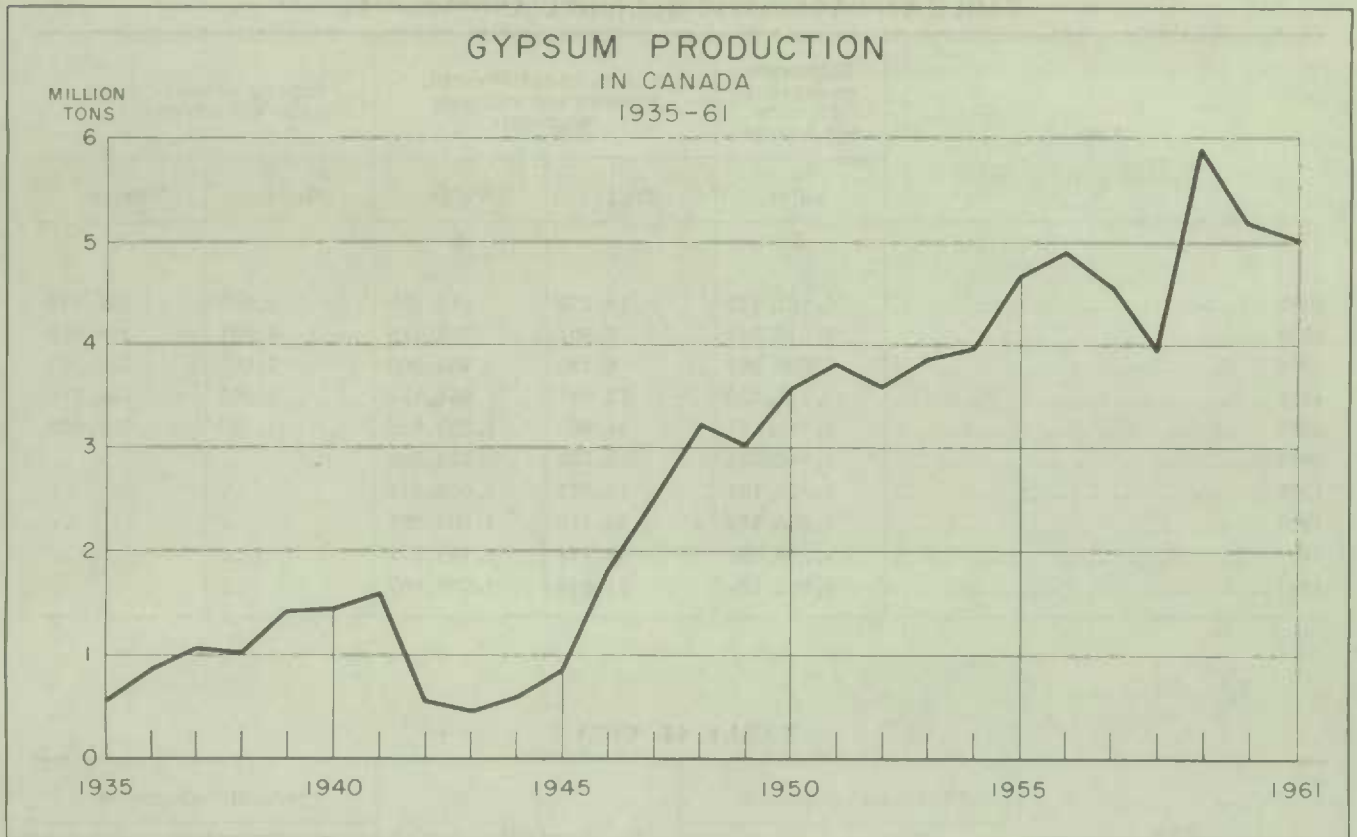


TABLE 41. IRON OXIDES

Year	Producers' shipments		Year	Producers' shipments	
	Tons	Value		Tons	Value
		\$			\$
1952	11,487	194,922	1957	7,518	187,211
1953	10,308	195,801	1958	1,632	113,390
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	690	57,110

TABLE 42. LITHIA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1954	17,052	6,300	1958	3,853,322	2,047,880
1955	162,512	114,376	1959	2,756,280	1,422,153
1956	4,789,380	2,643,950	1960	204,666	84,135
1957	5,140,257	2,827,143	1961	515,110	362,850

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
	\$		\$		\$
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, 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	2, 992, 101	21, 944	1, 708, 067	..	..

TABLE 44. MICA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1952	2, 014, 941	194, 106	1957	1, 282, 416	111, 583
1953	2, 265, 128	161, 128	1958	1, 504, 933	89, 651
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	2, 061, 970	131, 375

TABLE 45. MINERAL WATERS

Year	Producers' shipments		Year	Producers' shipments	
	Imperial gallons	Value		Imperial gallons	Value
		\$			\$
1952	311, 495	166, 033	1957	348, 710	185, 167
1953	309, 585	165, 484	1958	316, 727	172, 568
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	375, 500	201, 800

TABLE 46. NEPHELINE SYENITE

Year	Producers' shipments		Exports	
	Tons	Value	Tons	Value
		\$		\$
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	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	247,688	2,473,118	194,598	2,249,348

TABLE 47. PEAT MOSS

Year	Producers' shipments		Exports ¹	
	Tons	Value	Tons	Value
		\$		\$
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	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	195,030	6,328,953	187,621	10,414,574

¹ Peat moss and other mosses.

TABLE 48. PHOSPHATE ROCK

Year	Producers' shipments		Imports	
	Tons	Value	Tons	Value
		\$		\$
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
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

TABLE 49. PYRITE, PYRRHOTITE

Year	Producers' shipments			Year	Producers' shipments		
	Gross weight	Sulphur content ¹	Value		Gross weight	Sulphur content ¹	Value
	tons		\$		tons		\$
1952	553,987	263,241	2,245,713	1957	1,166,416	515,096	4,808,228
1953	408,257	186,650	1,450,698	1958	1,191,731	512,427	4,248,688
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	505,912	...	1,493,546 ²

¹ Data for 1952-55 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
		\$		\$
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	2,142,234	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	2,168,005	2,828,198	26,774	116,109

TABLE 51.

Year	Imports, ganister		Imports of siliceous or crystallized quartz ground or unground		Imports of flint and ground flint stones		Imports, silica sand	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
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	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	150,360	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

SALT PRODUCTION

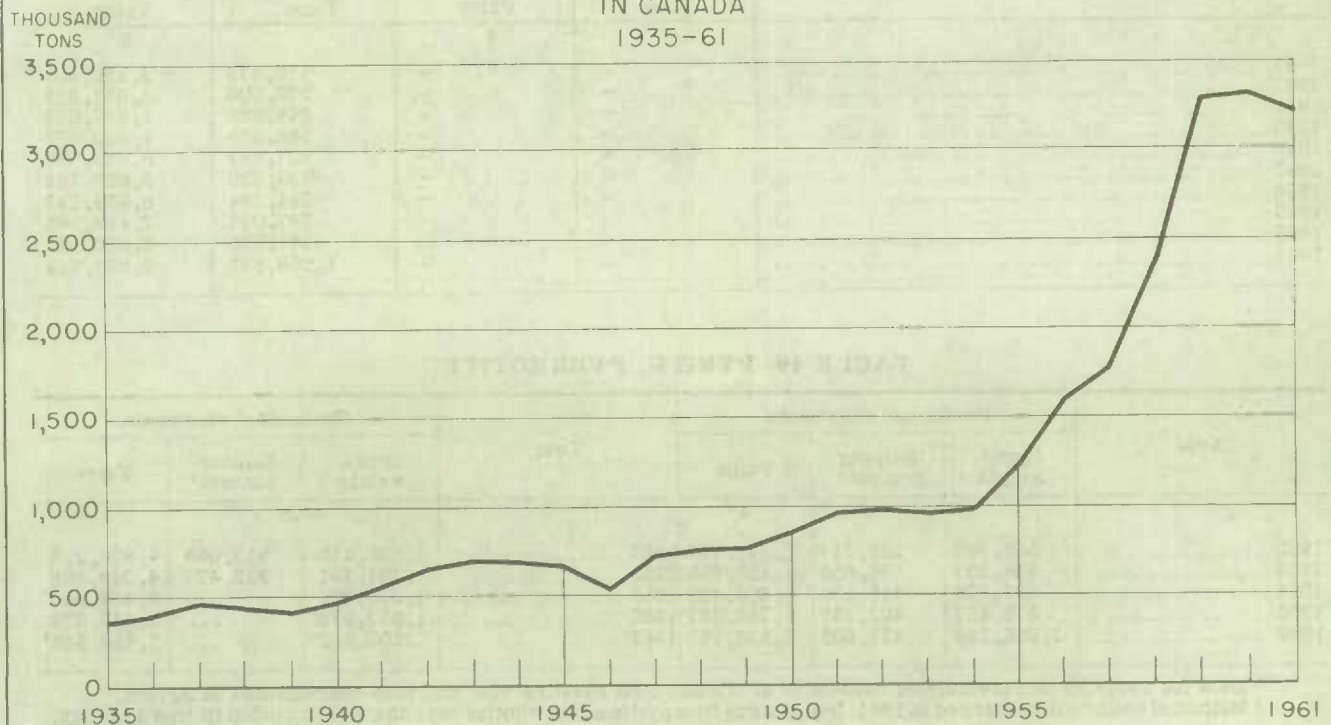
IN CANADA
1935-61

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
		\$		\$		\$		\$		\$
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	1,590,804	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	3,213,600	19,121,900	60,515	255,544	126,485	436,664	10,992	228,908	...	2,829,138

TABLE 53. SODIUM CARBONATE (Natural)

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	Value	Tons	Value
		\$		\$
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
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

TABLE 54. SODIUM SULPHATE (Natural)

Year	Producers' shipments of natural sodium sulphate		Imports			
			Salt cake		Glauber's salt	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	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	249,694	4,024,558	32,310	575,015	899	29,023

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
		\$			\$		\$
1952	160,547	1,605,470	4,225	415,185	8,376,824	197,897	1,643,180
1953	172,200	1,722,000	16,072	359,105	8,526,804	129,608	1,034,228
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	328,765	6,629,239	...	1,259,151
1961	311,211	3,028,776	396,286	329,556	7,094,216	...	899,755

¹ Does not include in 1952-55 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 50.

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				
		\$		\$		\$		\$
1952	12,454	149,711	12,578	130,901	8,749	276,496	3,435	44,925
1953	13,310	125,209	14,098	160,546	11,867	372,628	2,937	38,193
1954	13,697	169,651	14,446	165,702	12,392	397,985	3,609	48,753
1955	14,591	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	7,340	105,700	40,755	604,718	20,205	898,834	...	...

¹ Includes some low-grade talc.

² Includes pyrophyllite.

TABLE 57. TITANIUM DIOXIDE, ETC.

Year	Production	
	Tons	Value
		\$
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	157,374	7,682,911
1957	186,422	9,740,570
1958 .....	...	6,575,077
1959 .....	...	8,507,149
1960 .....	...	12,947,000
1961 .....	...	16,287,293

FUELS

TABLE 58. COAL

Year	Production		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	14,915,610	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	10,366,678	69,983,343	12,316,162	71,717,030	939,360	8,540,749

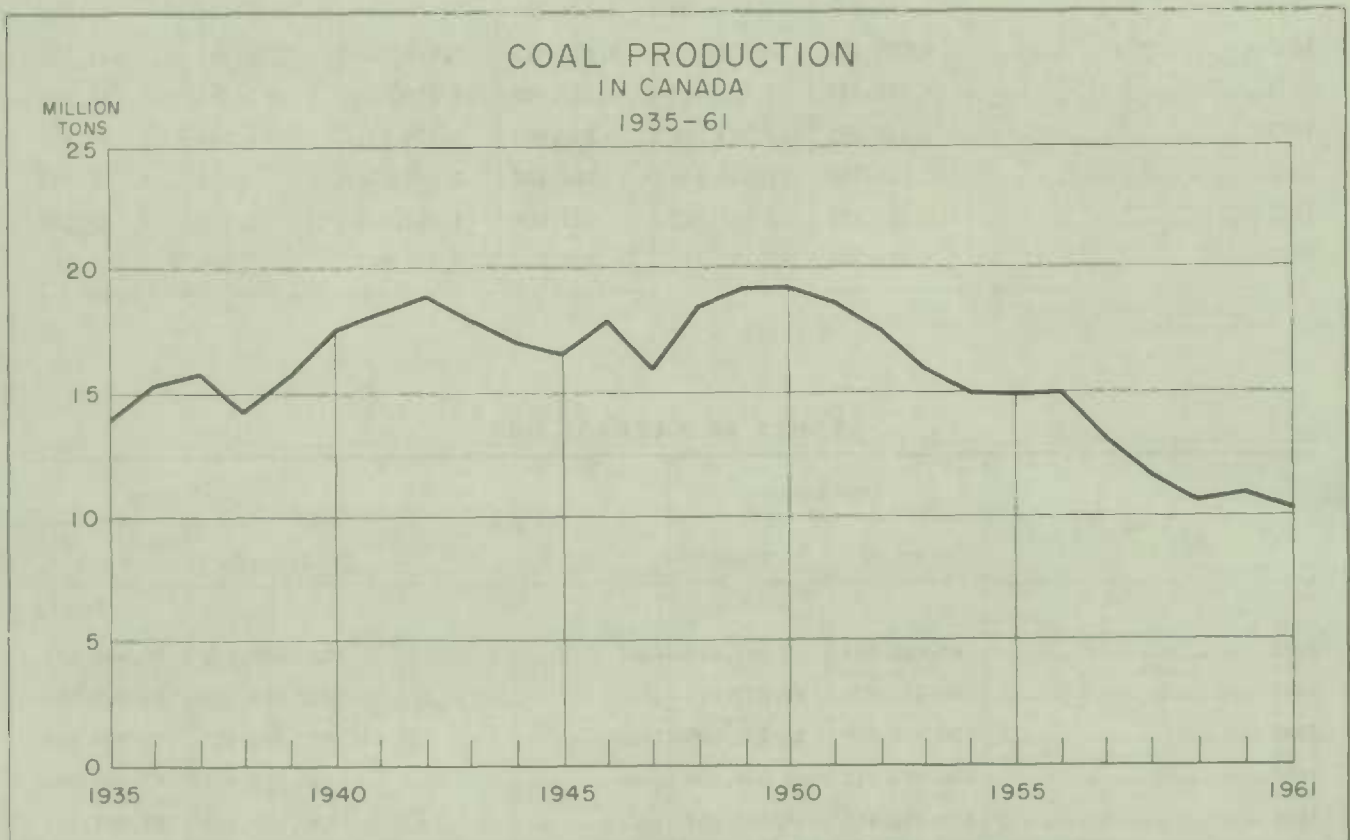


TABLE 59. Coal Production, by Provinces

Year	Nova Scotia		New Brunswick		Saskatchewan	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
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	5,775,025	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	4,355,127	42,027,462	892,688	7,575,577	2,162,649	3,612,003
	Alberta		British Columbia		Yukon	
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	4,328,787	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	1,975,734	10,181,497	972,676	6,471,561	7,804	115,243

TABLE 60. NATURAL GAS

Year	Production		Year	Production	
	M cu. ft.	Value		M cu. ft.	Value
		\$			\$
1952	88,686,465	9,517,638	1957	220,006,682	20,962,501
1953	100,985,923	10,877,017	1958	337,803,726	32,057,536
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	646,018,204	63,607,157

PETROLEUM PRODUCTION
IN CANADA
1935-61

MILLION
BARRELS

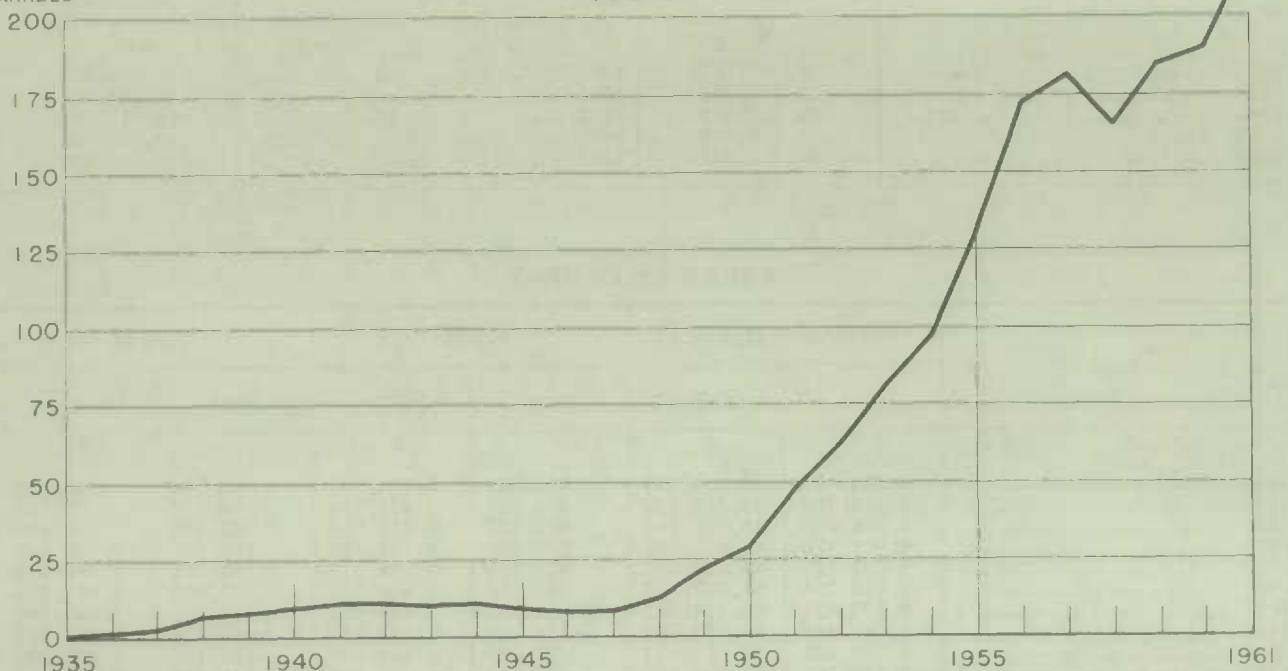


TABLE 61. Crude Petroleum Production, by Provinces

Year	New Brunswick		Ontario		Manitoba		Saskatchewan	
	Barrels	Value	Barrels	Value	Barrels	Value	Barrels	Value
		\$		\$		\$		\$
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	5,422,399	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	12,100	16,950	1,152,000	3,551,000	4,485,000	10,200,000	56,000,000	116,800,000
	Alberta		British Columbia		Northwest Territories		Canada	
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	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	157,650,000	354,712,500	658,962	1,335,785	502,500	688,425	220,460,562	487,304,660

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

TABLE 62. CLAY PRODUCTS

Year	Producers' shipments	Year	Producers' shipments
	\$		\$
1952	24,961,528	1957	35,922,158
1953	29,777,731	1958	41,709,903
1954	32,360,098	1959	42,515,448
1955	35,259,770	1960	38,226,538
1956	37,784,980	1961	38,045,405

TABLE 63. CEMENT

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1952	3,241,095	48,059,470	509,947	9,068,181	754	20,686
1953	3,891,708	58,842,022	434,487	7,403,158	2,577	77,559
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	6,145,168	100,692,169	1,381	36,965	249,377	3,866,233

¹ Includes imported clinker, other than white.

TABLE 64. Producers' Shipments of Cement, by Provinces

Year	Newfoundland		New Brunswick		Quebec		Ontario	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1952	22,068	529,750	105,722	1,543,639	1,272,642	18,838,458	975,980	14,142,060
1953	69,271	1,345,073	144,182	2,104,469	1,295,159	19,232,112	1,238,682	18,497,744
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	85,000	1,541,050	164,150	2,645,000	1,997,034	30,287,983	2,220,234	34,052,637
	Manitoba		Saskatchewan		Alberta		British Columbia	
1952	282,239	4,636,604	-	-	530,145	4,765,686	252,299	3,603,273
1953	282,503	4,676,137	-	-	542,366	7,915,227	319,645	5,071,260
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	385,525	7,556,000	202,125	5,161,000	672,525	12,385,000	418,575	7,063,497

CEMENT PRODUCTION IN CANADA 1935-61

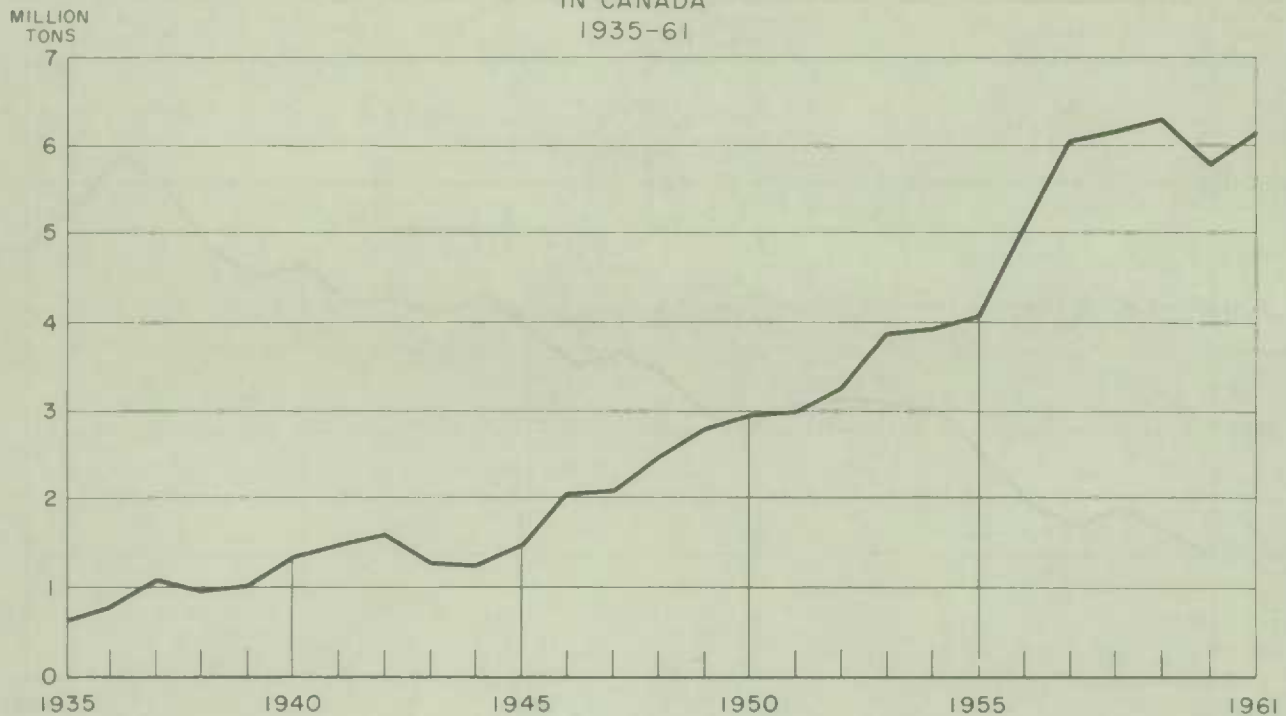


TABLE 65. LIME

Year	Producers' shipments					
	Quicklime		Hydrated lime		Total	
	Tons	Value	Tons	Value	Tons	Value
	\$		\$		\$	
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	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 .....	...	...	...	...	1,385,953	17,275,787

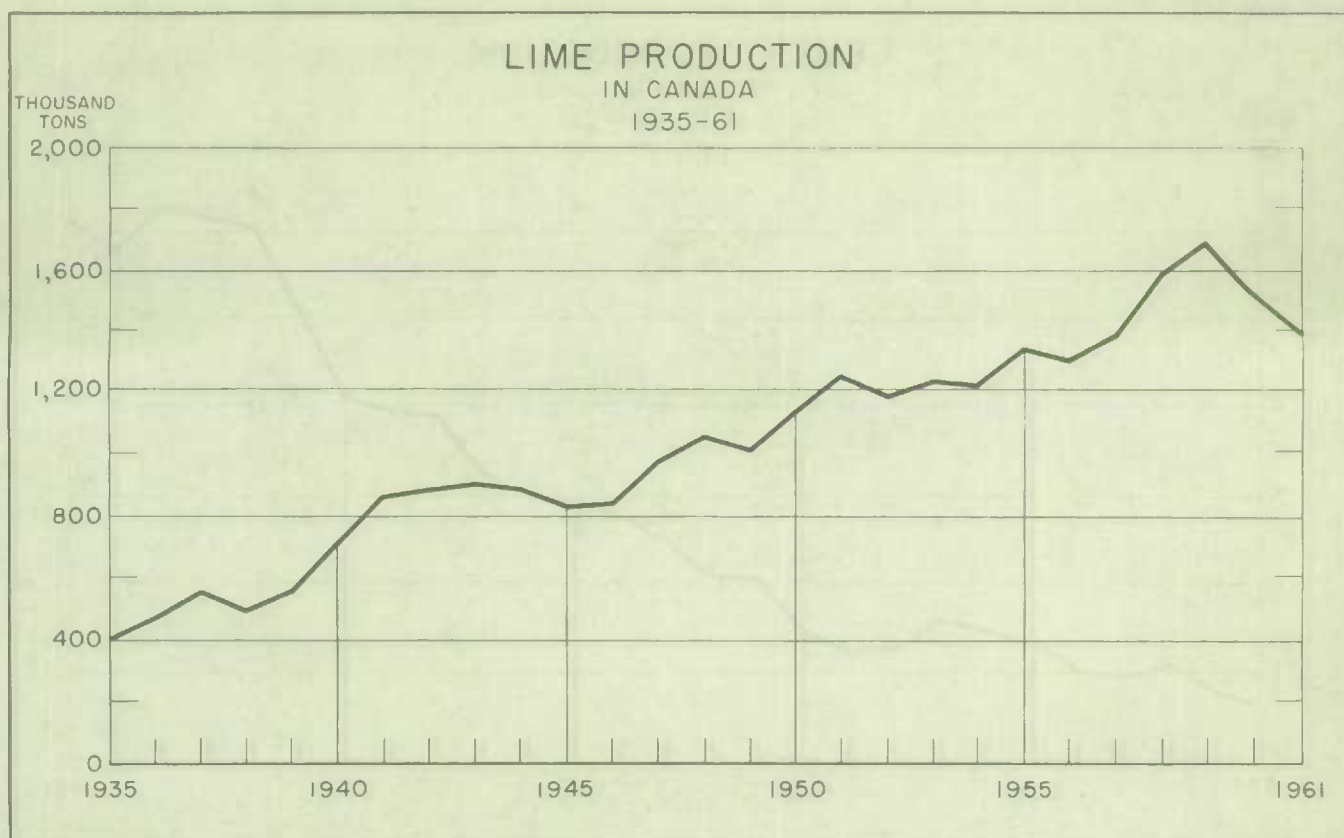


TABLE 66. SAND AND GRAVEL

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1952	102,895,545	51,339,043	1957	159,829,512	91,939,354
1953	101,033,949	53,485,401	1958	160,210,945	96,282,363
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	178,502,194	106,413,509

TABLE 67. STONE

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1952	18,726,196	30,835,356	1957	40,282,081	59,197,662
1953	19,849,017	30,613,051	1958	38,156,647	55,582,929
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	45,315,108	60,666,036

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