

CATALOGUE No.

26-203

ANNUAL

c.2



CANADA

PRELIMINARY REPORT ON  
MINERAL PRODUCTION  
1960

DOMINION BUREAU  
OF STATISTICS  
JUL 3 1961  
PROPERTY OF THE  
LIBRARY

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division



DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division

PRELIMINARY REPORT ON MINERAL PRODUCTION  
1960

*Published by Authority of*  
The Honourable George Hees, Minister of Trade and Commerce

July, 1961  
6514-512

Price 75 cents

### **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

1960

During 1960 the Canadian mineral industry produced mineral commodities which were valued at over \$2.47 billion according to a preliminary estimate prepared by the Dominion Bureau of Statistics, Ottawa. This valuation was about 2.6 per cent higher than the \$2,409 million worth of minerals which were produced in 1959. Increases were shown by, nickel \$55 million, copper \$31 million, zinc \$11 million, asbestos \$11 million, and crude petroleum \$10 million. Decreases were reported by, uranium \$68 million, iron ore \$21 million.

The value of metals was nearly \$1,404 million in 1960 compared with \$1,370 million in 1959. Nickel again became the leading metal with a value of \$313 million. Copper was valued at \$264 million. Uranium decreased by \$68 million to \$263 million with further declines indicated. Iron ore shipments were down by 3 million tons as the United States steel industry was operating far below capacity. Gold out-put was up to \$156 million. The platinum group metals, which are by-products of the nickel-copper ores, were valued at \$27 million. The market for zinc showed improvement.

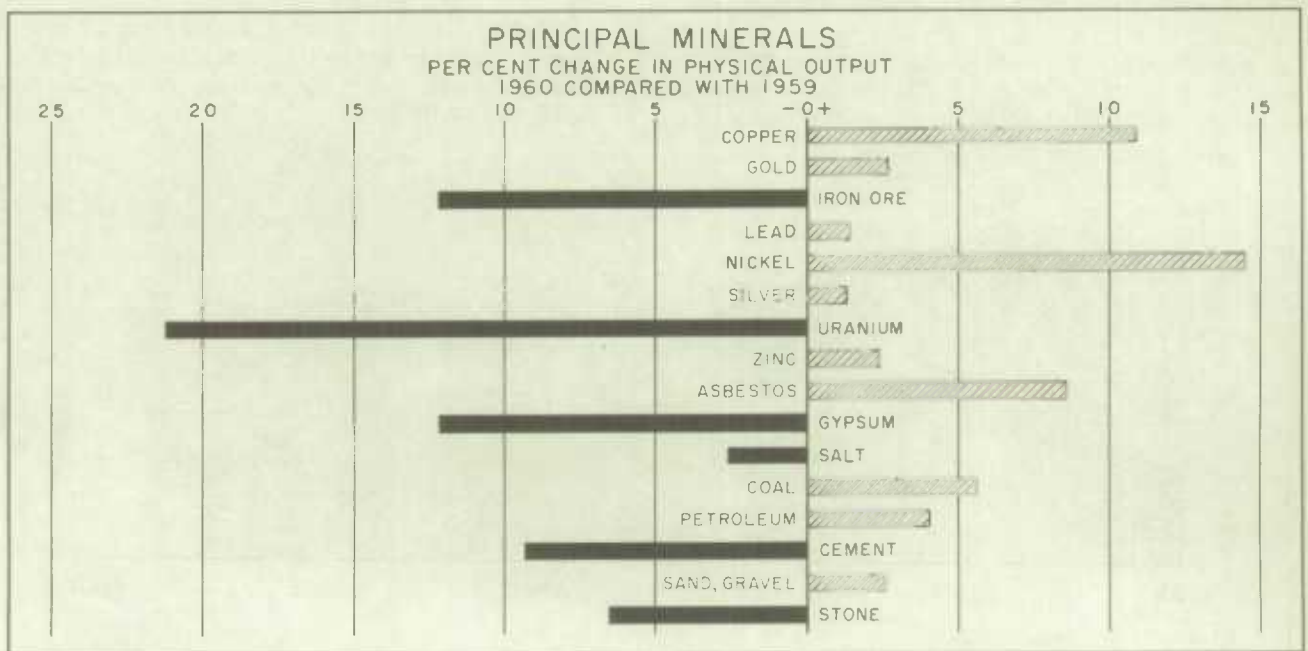
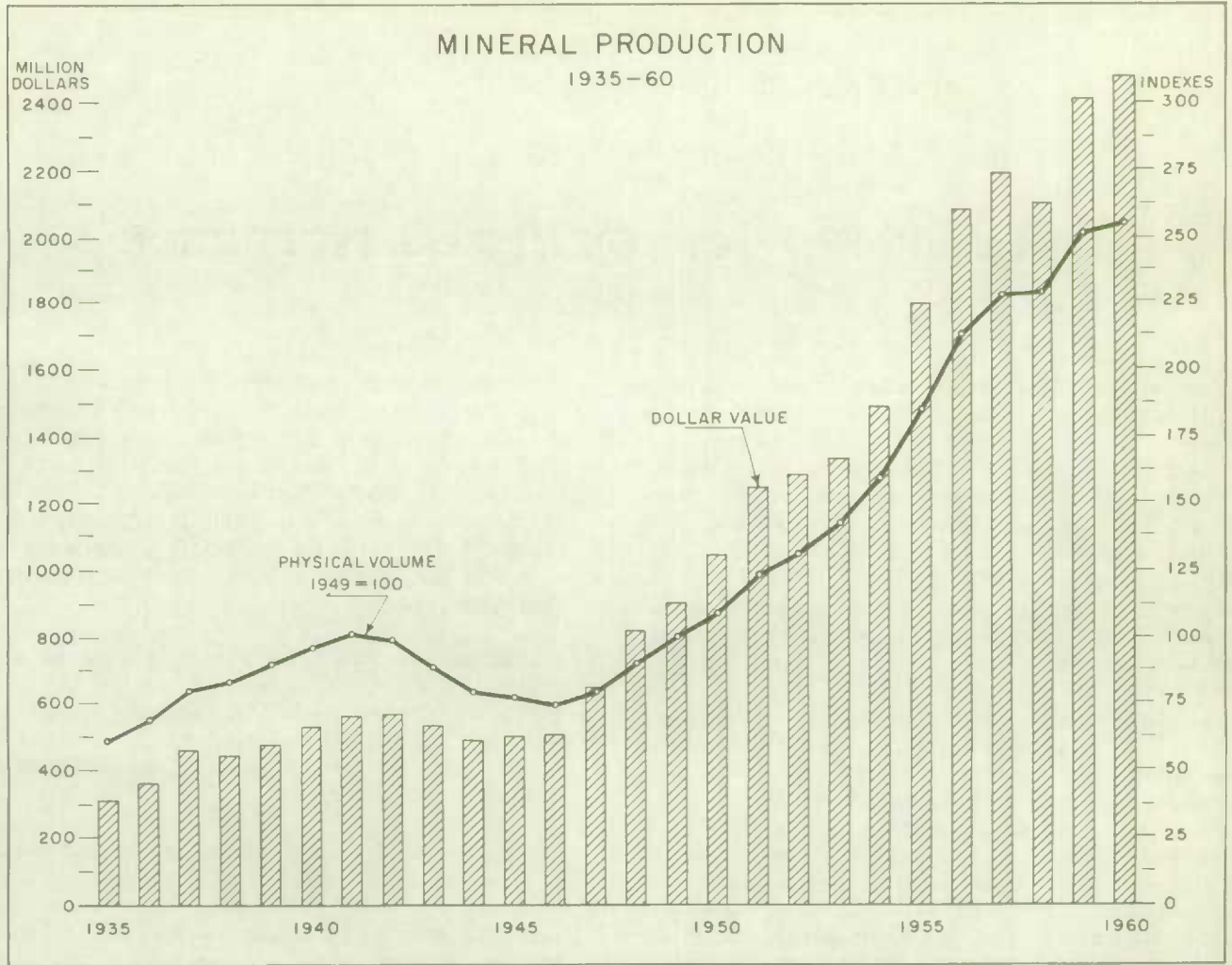
Non-metallics continued to increase in total value to approximately \$195 million which was about double the value of these commodities ten years ago.

Asbestos shipments exceeded \$118 million, a new high. The export market for barite and gypsum declined. Shipments of lithia were made from stock-piled concentrates. Nepheline syenite shipments had a value of \$3 million. Potash out-put was curtailed while the mine shaft was being reconstructed. Salt shipments exceeded 3.2 million tons. Shipments of elemental sulphur made from sour natural gas exceeded 250,000 tons.

Mineral or fossil fuels were valued at \$562 millions. Coal out-put firmed up slightly after declining for several years. The volume of natural gas exceeded 504,000 million cubic feet. As the export market improved, the out-put of crude petroleum increased to 192 million barrels.

There was less demand for structural materials by the construction industry. The shipments of brick, tile, etc. were down by \$2 million. Cement and lime were each down by \$4 million. Sand and gravel, which was largely used for roads, showed an upward trend.

**Note:** All 1960 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.





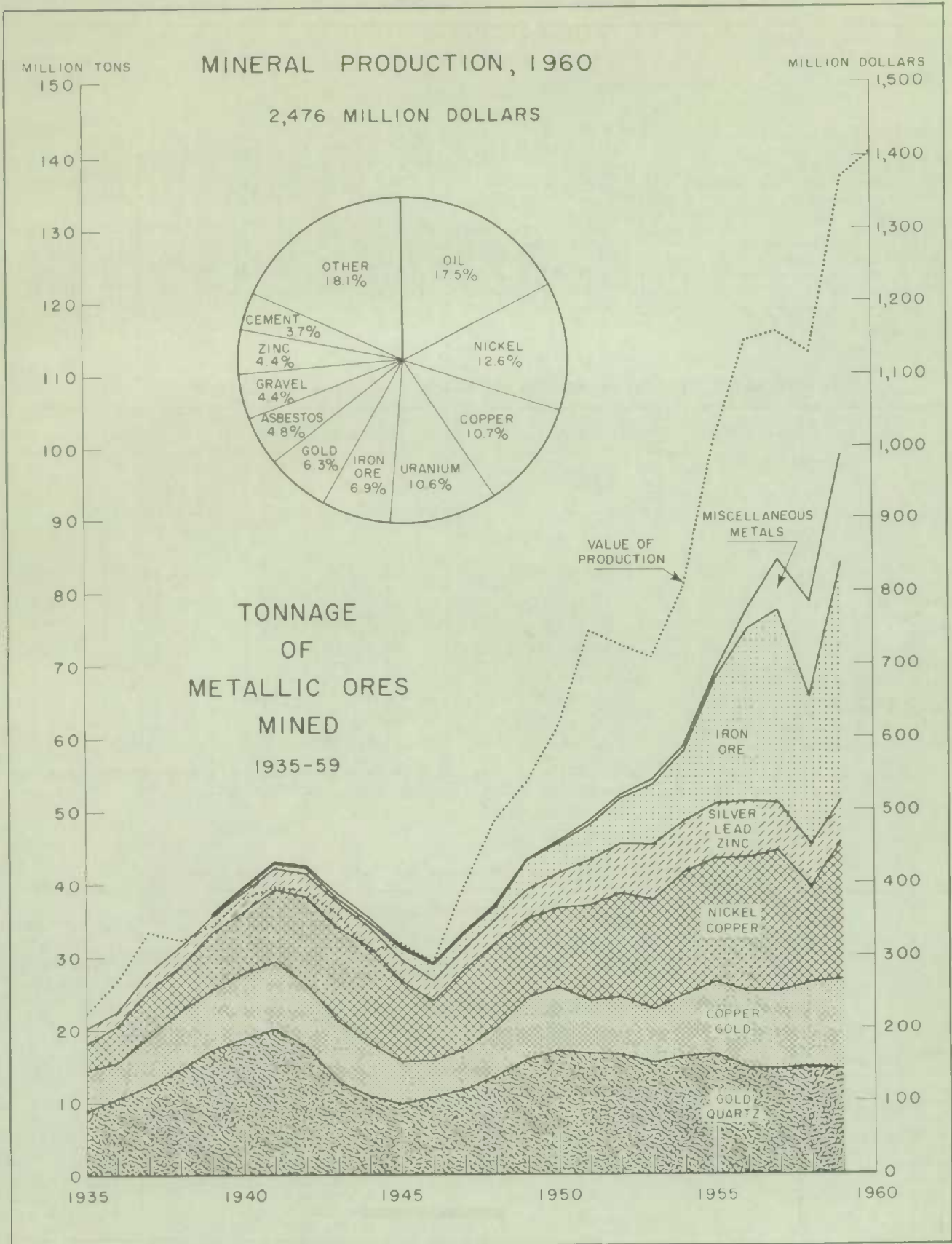


TABLE 1. Value of Mineral Production of Canada, by Classes, 1951 - 60

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	Total
	dollars				
1951 .....	745,877,561	115,418,150	232,854,093	151,333,791	1,245,483,595
1952 .....	728,458,160	124,493,256	263,582,319	168,808,618	1,285,342,353
1953 .....	709,920,510	124,999,607	314,181,168	187,202,218	1,336,303,503
1954 .....	802,401,423	128,038,507	352,959,465	204,982,696	1,488,382,091
1955 .....	1,007,839,501	144,920,841	414,318,015	228,232,439	1,795,310,796
1956 .....	1,146,349,595	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 .....	1,403,987,738	194,860,357	562,434,863	314,957,548	2,476,240,506

TABLE 2. Mineral Production of Canada, by Provinces, 1958 - 60

Province	1958		1959		1960	
	Value	Per cent	Value	Per cent	Value	Per cent
	\$		\$		\$	
Newfoundland .....	64,994,754	3.1	72,156,996	3.0	84,357,384	3.2
Prince Edward Island .....	...	...	4,559,171	0.2	3,174,908	0.1
Nova Scotia .....	62,706,891	3.0	62,879,647	2.6	65,059,439	2.6
New Brunswick .....	16,275,971	0.8	18,133,290	0.8	19,038,175	0.8
Quebec .....	365,706,489	17.4	440,897,186	18.3	440,051,465	17.8
Ontario .....	789,601,868	37.5	970,762,201	40.3	984,024,964	39.8
Manitoba .....	57,217,569	2.7	55,512,410	2.3	56,787,574	2.3
Saskatchewan .....	209,940,966	10.0	210,042,051	8.7	213,387,595	8.6
Alberta .....	345,939,248	16.5	376,215,593	15.6	391,711,247	15.9
British Columbia .....	151,149,136	7.2	159,395,092	6.6	182,834,805	7.4
Northwest Territories .....	24,895,390	1.2	25,874,496	1.1	23,633,098	1.0
Yukon .....	12,310,756	0.6	12,592,378	0.5	12,179,852	0.5
<b>Totals .....</b>	<b>2,100,739,038</b>	<b>100.0</b>	<b>2,409,020,511</b>	<b>100.0</b>	<b>2,476,240,506</b>	<b>100.0</b>

TABLE 3. Mineral Production of Canada, by Kinds, 1959 and 1960

	1959		1960	
	Quantity	Value	Quantity	Value
		\$		\$
<b>Metallics</b>				
Antimony .....	lb. 1,657,797	540,276	1,522,700	496,400
Bismuth .....	" 334,736	590,212	464,440	832,342
Cadmium .....	" 2,160,363	2,765,265	2,244,783	3,187,591
Calcium .....	" 67,429	76,409	76,560	88,770
Cobalt .....	" 3,150,027	5,954,916	3,330,914	5,669,560
Copper .....	" 790,538,660	233,102,813	876,766,931	264,336,899
Gold .....	troy oz. 4,483,416	150,508,275	4,602,762	156,171,715
Indium .....	" .....	...	...	...
Iron ore .....	ton 24,488,325	192,666,101	21,507,783	171,670,605
Iron, remelt .....	" .....	7,187,434	...	10,922,801
Lead .....	lb. 373,391,461	39,616,835	378,533,595	40,427,281
Magnesium .....	" 12,204,448	3,179,515	14,746,427	4,280,232
Molybdenum .....	" 748,566	940,596	758,507	1,000,265
Nickel .....	" 373,110,226	257,008,801	427,282,898	312,738,234



TABLE 3. Mineral Production of Canada, by Kinds, 1959 and 1960 - Concluded

	1959		1960		
	Quantity	Value \$	Quantity	Value \$	
<b>Metallics - Concluded</b>					
Palladium, Ir., Rh., etc. ....	troy oz.	177,713	5,916,989	238,489	9,538,921
Platinum .....	"	150,382	11,015,449	221,832	18,134,766
Selenium .....	lb.	368,107	2,576,749	562,272	3,487,804
Silver .....	troy oz.	31,923,969	28,022,860	32,328,143	28,726,788
Tellurium .....	lb.	13,023	27,999	56,352	197,232
Thorium .....	"	47,447	105,676	129,894	381,314
Tin .....	"	747,443	630,094	515,300	541,065
Titanium ore .....	ton	26,777	129,565	1,700	12,000
Uranium (U308) .....	lb.	31,784,189	331,143,043	25,034,889	262,935,404
Zinc .....	"	792,015,223	96,942,663	811,239,533	108,209,749
<b>Total metallics</b> .....	...	<b>1,370,648,535</b>	...	<b>1,403,987,738</b>	
<b>Non-metallics</b>					
Arsenious oxide .....	lb.	1,578,307	63,786	1,612,521	77,541
Asbestos .....	ton	1,050,429	107,433,344	1,140,538	118,700,998
Barite .....	"	238,967	2,254,582	155,506	1,446,621
Diatomite .....	"	5	100	5	100
Feldspar .....	"	17,953	301,372	10,789	234,050
Fluorspar .....	"	...	1,850,497	...	1,958,236
Garnet .....	"	—	—	2	180
Grindstone .....	"	60	9,000	20	3,000
Gypsum .....	"	5,878,630	8,393,703	5,161,000	9,308,340
Iron oxides .....	"	1,235	108,286	865	80,000
Lithia .....	lb.	2,756,280	1,422,153	205,000	75,850
Magnesitic - dolomite and brucite .....	...	...	3,050,779	...	3,301,747
Mica .....	lb.	813,834	63,004	1,270,649	88,572
Mineral waters .....	gal.	369,113	202,969	368,000	202,000
Nepheline syenite .....	ton	228,722	2,930,932	249,200	3,030,300
Peat moss .....	"	184,049	6,226,688	182,471	5,850,698
Potash, (K <sub>2</sub> O) .....	"	...	1,408,462	...	178,700
Pyrite, pyrrhotite .....	"	1,099,564	3,433,095	1,004,366	2,828,267
Quartz .....	"	2,163,546	3,436,730	2,235,795	3,322,824
Salt .....	"	3,289,976	18,034,522	3,206,164	18,644,203
Silica brick .....	M	1,926	354,295	—	—
Soapstone and talc <sup>1</sup> .....	ton	39,176	512,129	41,605	527,416
Sodium sulphate .....	"	179,535	2,881,861	211,406	3,419,058
Sulphur in smelter gas .....	"	277,030	2,716,416	271,615	2,644,982
Sulphur, elemental .....	"	145,656	2,620,787	254,729	4,679,382
Titanium dioxide, etc. ....	"	...	8,507,149	...	14,257,292
<b>Total non-metallics</b> .....	...	<b>178,216,641</b>	...	<b>194,860,357</b>	
<b>Mineral - Fuels</b>					
Coal .....	ton	10,626,722	73,875,895	11,226,420	76,059,631
Liquid hydrocarbons .....	bbl.	...	...	...	5,852,422
Natural gas .....	M cu. ft.	417,334,527	39,609,393	504,452,000	48,027,110
Petroleum, crude .....	bbl.	184,778,497	422,092,535	192,308,250	432,495,700
<b>Total fuels</b> .....	...	<b>535,577,823</b>	...	<b>562,434,863</b>	
<b>Structural materials</b>					
Clay products (brick, tile, etc.) .....	...	...	42,515,448	...	40,042,494
Cement .....	ton	6,284,486	95,147,798	5,697,859	91,111,862
Lime .....	"	1,685,725	21,304,021	1,533,673	17,037,970
Sand and gravel .....	"	185,123,746	104,651,461	189,961,321	110,086,610
Stone .....	"	46,439,535	60,958,784	43,404,986	56,678,612
<b>Total structural materials</b> .....	...	<b>324,577,512</b>	...	<b>314,957,548</b>	
<b>Grand totals</b> .....	...	<b>2,409,020,511</b>	...	<b>2,476,240,506</b>	

<sup>1</sup> Includes pyrophyllite.

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1960

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
<b>Metals</b>						
1	Antimony .....	lb.	—	—	—	—
2	\$	—	—	—	—	—
3	Bismuth .....	lb.	—	—	—	202,845
4	\$	—	—	—	—	274,723
5	Cadmium .....	lb.	—	—	—	—
6	\$	—	—	—	—	—
7	Calcium .....	lb.	—	—	—	—
8	\$	—	—	—	—	—
9	Cobalt .....	lb.	—	—	—	—
10	\$	—	—	—	—	—
11	Copper .....	lb.	27,750,200	—	—	319,024,872
12	\$	8,405,536	—	—	—	96,632,633
13	Gold .....	oz.	13,479	—	3	1,033,249
14	\$	457,342	—	102	—	35,058,139
15	Indium .....	oz.	—	—	—	—
16	\$	—	—	—	—	—
17	Iron ore .....	ton	7,493,901	—	—	7,454,340
18	\$	51,762,233	—	—	—	61,892,500
19	Iron (remelt) .....	ton	—	—	—	—
20	\$	—	—	—	—	10,922,801
21	Lead .....	lb.	48,942,200	—	—	5,007,220
22	\$	5,227,027	—	—	—	534,771
23	Magnesium .....	lb.	—	—	—	—
24	\$	—	—	—	—	—
25	Molybdenum .....	lb.	—	—	—	758,507
26	\$	—	—	—	—	1,000,265
27	Nickel .....	lb.	—	—	—	—
28	\$	—	—	—	—	—
29	Palladium, iridium, etc. ....	oz.	—	—	—	—
30	\$	—	—	—	—	—
31	Platinum .....	oz.	—	—	—	—
32	\$	—	—	—	—	—
33	Selenium .....	lb.	—	—	—	273,000
34	\$	—	—	—	—	1,638,000
35	Silver .....	oz.	1,109,600	—	—	4,311,069
36	\$	985,990	—	—	—	3,830,816
37	Tellurium .....	lb.	—	—	—	36,000
38	\$	—	—	—	—	126,000
39	Thorium .....	lb.	—	—	—	—
40	\$	—	—	—	—	—
41	Tin .....	lb.	—	—	—	—
42	\$	—	—	—	—	—
43	Titanium ore .....	ton	—	—	—	1,700
44	\$	—	—	—	—	12,000
45	Tungsten (WO <sub>3</sub> ) .....	lb.	—	—	—	—
46	\$	—	—	—	—	—
47	Uranium (U <sub>3</sub> O <sub>8</sub> ) .....	lb.	—	—	—	—
48	\$	—	—	—	—	—
49	Zinc .....	lb.	69,787,000	—	—	99,329,977
50	\$	9,309,586	—	—	—	13,250,619
51	<b>Total metals</b> .....	\$	<b>76,147,714</b>	—	<b>102</b>	<b>225,173,267</b>
<b>Non-metallics</b>						
52	Arsenious Oxide .....	lb.	—	—	—	—
53	\$	—	—	—	—	—
54	Asbestos .....	ton	—	—	—	1,077,594
55	\$	—	—	—	—	105,164,607
56	Barite .....	ton	—	—	128,704	—
57	\$	—	—	1,185,648	—	—
58	Diatomite .....	ton	—	—	—	—
59	\$	—	—	—	—	—
60	Feldspar .....	ton	—	—	—	10,785
61	\$	—	—	—	—	233,950
62	Fluorspar .....	ton	—	—	—	—
63	\$	1,851,760	—	—	—	—
64	Garnet .....	—	—	—	—	—
65	\$	—	—	—	—	—
66	Grindstone .....	ton	—	—	20	—
67	\$	—	—	—	3,000	—

**TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1960**

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.	
—	—	—	—	1,522,700	—	—	1,522,700	1	
—	—	—	—	496,400	—	—	496,400	2	
29,495	—	—	—	232,100	—	—	464,440	3	
35,394	—	—	—	522,225	—	—	832,342	4	
—	98,953	272,497	—	1,729,820	—	143,513	2,244,783	5	
—	140,513	386,946	—	2,456,344	—	203,788	3,187,591	6	
76,560	—	—	—	—	—	—	76,560	7	
88,770	—	—	—	—	—	—	88,770	8	
3,030,914	300,000	—	—	—	—	—	3,330,914	9	
5,234,560	435,000	—	—	—	—	—	5,669,560	10	
408,241,897	24,613,423	63,986,391	—	31,900,148	1,250,000	—	876,766,931	11	
122,468,767	7,455,406	19,381,478	—	9,614,454	378,625	—	264,336,899	12	
2,725,077	51,352	87,288	230	202,822	411,492	77,770	4,602,762	13	
92,461,863	1,742,373	2,961,682	7,804	6,881,750	13,961,924	2,638,736	156,171,715	14	
—	—	—	—	...	—	—	...	15	
—	—	—	—	...	—	—	...	16	
5,356,485	—	—	5,400	1,197,657	—	—	21,507,783	17	
47,867,675	—	—	16,200	10,131,997	—	—	171,670,605	18	
—	—	—	—	—	—	—	...	19	
—	—	—	—	—	—	—	10,922,801	20	
1,546,646	1,719,546	—	—	303,771,923	—	17,546,060	378,533,595	21	
165,075	183,648	—	—	32,442,841	—	1,873,919	40,427,281	22	
14,746,427	—	—	—	—	—	—	14,746,427	23	
4,280,232	—	—	—	—	—	—	4,280,232	24	
—	—	—	—	—	—	—	758,507	25	
—	—	—	—	—	—	—	1,000,265	26	
398,907,898	18,700,000	—	—	4,975,000	4,700,000	—	427,282,898	27	
293,255,734	12,800,000	—	—	3,482,500	3,200,000	—	312,738,234	28	
238,489	—	—	—	—	—	—	238,489	29	
9,538,921	—	—	—	—	—	—	9,538,921	30	
221,832	—	—	—	—	—	—	221,832	31	
18,134,766	—	—	—	—	—	—	18,134,766	32	
175,100	28,898	85,274	—	—	—	—	562,272	33	
1,050,600	202,286	596,918	—	—	—	—	3,487,804	34	
9,737,480	453,613	1,172,274	23	8,705,593	73,041	6,765,450	32,328,143	35	
8,652,725	403,081	1,041,683	20	7,735,790	64,904	6,011,779	28,726,788	36	
7,250	3,316	9,786	—	—	—	—	56,352	37	
25,375	11,606	34,251	—	—	—	—	197,232	38	
129,894	—	—	—	—	—	—	129,894	39	
381,314	—	—	—	—	—	—	381,314	40	
—	—	—	—	515,300	—	—	515,300	41	
—	—	—	—	541,065	—	—	541,065	42	
—	—	—	—	—	—	—	1,700	43	
—	—	—	—	—	—	—	12,000	44	
—	—	—	—	—	—	—	—	45	
—	—	—	—	—	—	—	—	46	
19,765,553	—	4,614,156	—	—	655,180	—	25,034,889	47	
209,567,628	—	48,290,131	—	—	5,077,645	—	262,935,404	48	
91,197,489	42,130,997	92,789,123	—	405,680,986	—	10,323,961	811,239,533	49	
12,165,745	5,620,275	12,378,069	—	54,108,239	—	1,377,216	108,209,749	50	
<b>825,375,144</b>	<b>28,994,188</b>	<b>85,071,158</b>	<b>24,024</b>	<b>128,413,605</b>	<b>22,683,098</b>	<b>12,105,438</b>	<b>1,403,987,738</b>	<b>51</b>	
—	—	—	—	—	—	—	—	—	52
1,612,521	—	—	—	—	—	—	1,612,521	52	
77,541	—	—	—	—	—	—	77,541	53	
22,706	—	—	—	40,238	—	—	1,140,538	54	
3,632,960	—	—	—	9,903,431	—	—	118,700,998	55	
—	—	—	—	26,802	—	—	155,506	56	
—	—	—	—	260,973	—	—	1,446,621	57	
—	—	—	—	5	—	—	5	58	
—	—	—	—	100	—	—	100	59	
4	—	—	—	—	—	—	10,789	60	
100	—	—	—	—	—	—	234,050	61	
—	—	—	—	—	—	—	...	62	
100,000	—	—	—	476	—	—	1,958,236	63	
2	—	—	—	—	—	—	2	64	
180	—	—	—	—	—	—	180	65	
—	—	—	—	—	—	—	20	66	
—	—	—	—	—	—	—	3,000	67	



TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1960 - Concluded

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	
<b>Non-metallics - Concluded</b>							
1	Gypsum .....	ton	37,000	—	4,444,500	89,600	—
2		\$	147,000	—	7,219,590	127,300	—
3	Iron Oxide .....	ton	—	—	—	—	865
4		\$	—	—	—	—	80,000
5	Lithia .....	lb.	—	—	—	—	205,000
6		\$	—	—	—	—	75,850
7	Magnesitic dolomite and brucite .....	ton	—	—	—	—	—
8		\$	—	—	—	—	3,301,747
9	Mica .....	lb.	—	—	—	—	1,134,483
10		\$	—	—	—	—	83,634
11	Mineral water .....	gal.	—	—	—	—	365,000
12		\$	—	—	—	—	200,000
13	Nepheline syenite .....	ton	—	—	—	—	—
14		\$	—	—	—	—	—
15	Peat moss .....	ton	—	—	2,913	20,800	55,925
16		\$	—	—	60,542	598,600	1,437,845
17	Potash (K <sub>2</sub> O) .....	ton	—	—	—	—	—
18		\$	—	—	—	—	—
19	Pyrite, pyrrhotite .....	ton	—	—	—	—	—
20		\$	—	—	—	—	1,298,282
21	Quartz .....	ton	—	—	3,808	—	216,245
22		\$	—	—	20,113	—	1,273,687
23	Salt .....	ton	—	—	169,400	—	—
24		\$	—	—	2,335,090	—	—
25	Soapstone, talc .....	ton	20,225	—	—	—	14,180
26		\$	262,925	—	—	—	160,691
27	Sodium sulphate .....	ton	—	—	—	—	—
28		\$	—	—	—	—	—
29	Sulphur in smelter gas .....	ton	—	—	—	—	—
30		\$	—	—	—	—	67,832
31	Sulphur, elemental .....	ton	—	—	—	—	—
32		\$	—	—	—	—	—
33	Titanium dioxide, etc. ....	ton	—	—	—	—	—
34		\$	—	—	—	—	14,257,292
35	<b>Total non-metallics .....</b>	<b>\$</b>	<b>2,261,685</b>	<b>—</b>	<b>10,820,983</b>	<b>728,900</b>	<b>127,635,417</b>
<b>Fuels</b>							
36	Coal .....	ton	—	—	4,668,917	1,030,319	—
37		\$	—	—	45,834,812	8,634,863	—
38	Liquid Hydro-carbons .....	bbbl.	—	—	—	—	—
39		\$	—	—	—	—	—
40	Natural gas .....	Mcf.	—	—	—	90,000	—
41		\$	—	—	—	144,000	—
42	Petroleum, crude .....	bbbl.	—	—	—	14,250	—
43		\$	—	—	—	19,950	—
44	<b>Total fuels .....</b>	<b>\$</b>	<b>—</b>	<b>—</b>	<b>45,834,812</b>	<b>8,798,813</b>	<b>—</b>
<b>Structural materials</b>							
45	Clay products .....	\$	73,000	—	1,685,428	716,092	8,956,826
46	Cement .....	ton	90,000	—	—	167,825	1,835,569
47		\$	1,647,000	—	—	2,618,000	26,741,191
48	Lime .....	ton	—	—	—	17,465	396,413
49		\$	—	—	—	399,942	3,189,151
50	Sand and gravel .....	ton	4,753,323	4,412,691	7,908,657	5,416,707	48,276,342
51		\$	3,253,467	2,174,908	4,865,806	3,831,980	24,940,027
52	Stone .....	ton	523,513	1,000,000	1,593,803	1,671,154	17,490,125
53		\$	974,518	1,000,000	1,852,308	1,944,448	23,415,586
54	<b>Total structural materials .....</b>	<b>\$</b>	<b>5,947,985</b>	<b>3,174,908</b>	<b>8,403,542</b>	<b>9,510,462</b>	<b>87,242,781</b>
55	<b>Grand totals, 1960 .....</b>	<b>\$</b>	<b>84,357,384</b>	<b>3,174,908</b>	<b>65,059,439</b>	<b>19,038,175</b>	<b>440,051,465</b>
56	<b>Grand totals, 1959 .....</b>	<b>\$</b>	<b>72,156,996</b>	<b>4,559,171</b>	<b>62,879,647</b>	<b>18,133,290</b>	<b>440,897,186</b>

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1960 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
350,500	130,000	—	—	109,400	—	—	5,161,000	1
981,250	505,000	—	—	328,200	—	—	9,308,340	2
—	—	—	—	—	—	—	865	3
—	—	—	—	—	—	—	80,000	4
—	—	—	—	—	—	—	205,000	5
—	—	—	—	—	—	—	75,850	6
—	—	—	—	—	—	—	—	7
136,166	—	—	—	—	—	—	3,301,747	8
4,938	—	—	—	—	—	—	1,270,649	9
3,000	—	—	—	—	—	—	88,572	10
2,000	—	—	—	—	—	—	368,000	11
249,200	—	—	—	—	—	—	202,000	12
3,030,300	—	—	—	—	—	—	249,200	13
13,220	12,129	—	—	77,484	—	—	3,030,300	14
463,000	491,224	—	—	2,799,487	—	—	182,471	15
—	—	—	—	—	—	—	5,850,698	16
—	—	178,700	—	—	—	—	—	17
—	—	—	—	—	—	—	178,700	18
556,320	—	—	—	973,665	—	—	1,004,366	19
1,760,692	50	175,000	—	80,000	—	—	2,828,267	20
1,452,149	200	124,775	—	451,900	—	—	2,235,795	21
2,892,819	21,432	50,000	72,513	—	—	—	3,322,824	22
13,411,687	555,000	1,240,000	1,102,426	—	—	—	3,206,164	23
7,200	—	—	—	—	—	—	18,644,203	24
103,800	—	—	—	—	—	—	41,605	25
—	—	211,406	—	—	—	—	527,416	26
—	—	3,419,058	—	—	—	—	211,406	27
—	—	—	—	—	—	—	3,419,058	28
925,000	—	—	—	1,652,150	—	—	271,615	29
—	—	—	—	—	—	—	2,644,982	30
28,415	—	27,000	3,970,747	653,220	—	—	254,729	31
—	—	—	—	—	—	—	4,679,382	32
—	—	—	—	—	—	—	—	33
—	—	—	—	—	—	—	14,257,292	34
<b>24,775,640</b>	<b>1,551,424</b>	<b>4,989,533</b>	<b>5,073,173</b>	<b>17,023,602</b>	—	—	<b>194,860,357</b>	<b>35</b>
—	—	2,202,827	2,480,707	838,705	—	4,945	11,226,420	36
—	—	3,852,465	12,133,888	5,529,189	—	74,414	76,059,631	37
—	—	—	—	—	—	—	—	38
—	—	1,130,000	3,941,422	781,000	—	—	—	39
16,250,000	—	33,000,000	370,000,000	85,067,000	45,000	—	504,452,000	40
6,093,750	—	3,150,000	31,080,000	7,541,360	18,000	—	48,027,110	41
1,005,000	4,718,000	53,000,000	132,100,000	950,000	521,000	—	192,308,250	42
2,763,750	10,615,000	106,000,000	310,435,000	1,730,000	932,000	—	432,495,700	43
<b>8,857,500</b>	<b>10,615,000</b>	<b>114,132,465</b>	<b>357,590,310</b>	<b>15,581,549</b>	<b>950,000</b>	<b>74,414</b>	<b>562,434,863</b>	<b>44</b>
21,361,550	806,200	887,488	3,584,954	1,970,956	—	—	40,042,494	45
1,945,960	426,475	170,625	677,075	384,330	—	—	5,697,859	46
29,661,771	8,042,000	4,237,000	11,827,000	6,337,900	—	—	91,111,862	47
989,022	49,147	—	44,300	37,326	—	—	1,533,673	48
11,321,588	839,434	—	612,250	675,605	—	—	17,037,970	49
74,988,592	9,135,190	7,027,534	13,747,577	14,294,708	—	—	189,961,321	50
39,787,692	4,858,732	4,069,951	12,477,982	9,826,065	—	—	110,086,610	51
17,872,828	531,681	—	365,355	2,356,527	—	—	43,404,986	52
22,884,079	1,080,596	—	521,554	3,005,523	—	—	56,678,612	53
<b>125,016,680</b>	<b>15,626,962</b>	<b>9,194,439</b>	<b>29,023,740</b>	<b>21,816,049</b>	—	—	<b>314,957,548</b>	<b>54</b>
<b>984,024,964</b>	<b>56,787,574</b>	<b>213,387,595</b>	<b>391,711,247</b>	<b>182,834,805</b>	<b>23,633,098</b>	<b>12,179,852</b>	<b>2,476,240,506</b>	<b>55</b>
<b>970,762,201</b>	<b>55,512,410</b>	<b>210,042,051</b>	<b>376,215,593</b>	<b>159,395,092</b>	<b>25,874,496</b>	<b>12,592,378</b>	<b>2,409,020,511</b>	<b>56</b>

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1959

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
<b>Metals</b>						
1	Antimony .....	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth .....	lb.	—	—	—	151,576
4		\$	—	—	—	264,228
5	Cadmium.....	lb.	—	—	—	—
6		\$	—	—	—	—
7	Calcium.....	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt.....	lb.	—	—	—	—
10		\$	—	—	—	—
11	Copper .....	lb.	29,978,282	—	—	269,823,777
12		\$	8,876,570	—	—	79,894,820
13	Gold .....	oz.	13,411	—	—	999,388
14		\$	450,207	—	—	33,549,455
15	Indium.....	oz.	—	—	—	—
16		\$	—	—	—	—
17	Iron ore.....	ton	6,105,819	—	—	11,515,169
18		\$	42,974,837	—	—	92,497,012
19	Iron (remelt).....	ton	—	—	—	—
20		\$	—	—	—	7,187,434
21	Lead .....	lb.	44,913,551	—	—	5,819,148
22		\$	4,765,328	—	—	617,412
23	Magnesium .....	lb.	—	—	—	4,059,508
24		\$	—	—	—	977,123
25	Molybdenum .....	lb.	—	—	—	748,566
26		\$	—	—	—	940,596
27	Nickel.....	lb.	—	—	—	—
28		\$	—	—	—	—
29	Palladium, iridium, etc.....	oz.	—	—	—	—
30		\$	—	—	—	—
31	Platinum.....	oz.	—	—	—	—
32		\$	—	—	—	—
33	Selenium.....	lb.	—	—	—	194,233
34		\$	—	—	—	1,359,631
35	Silver .....	oz.	1,125,110	—	—	4,108,241
36		\$	987,622	—	—	3,606,214
37	Tellurium .....	lb.	—	—	—	1,662
38		\$	—	—	—	3,573
39	Thorium .....	lb.	—	—	—	—
40		\$	—	—	—	—
41	Tin .....	lb.	—	—	—	—
42		\$	—	—	—	—
43	Titanium ore .....	ton	—	—	—	26,777
44		\$	—	—	—	129,565
45	Uranium (U <sub>3</sub> O <sub>8</sub> ) .....	lb.	—	—	—	—
46		\$	—	—	—	—
47	Zinc .....	lb.	63,348,346	—	—	94,115,963
48		\$	7,753,838	—	—	11,519,794
49	<b>Total metals .....</b>	<b>\$</b>	<b>65,808,402</b>	—	—	<b>232,546,857</b>
<b>Non-metallics</b>						
50	Arsenious Oxide .....	lb.	—	—	—	—
51		\$	—	—	—	—
52	Asbestos .....	ton	—	—	—	992,196
53		\$	—	—	—	95,226,769
54	Barite .....	ton	—	—	215,825	—
55		\$	—	—	2,067,214	—
56	Diatomite .....	ton	—	—	—	—
57		\$	—	—	—	—
58	Feldspar.....	ton	—	—	—	17,953
59		\$	—	—	—	301,372
60	Fluorspar .....	ton	—	—	—	—
61		\$	1,749,903	—	—	—
62	Grindstone .....	ton	—	—	—	60
63		\$	—	—	—	9,000
64	Gypsum .....	ton	37,720	—	5,036,411	98,250
65		\$	148,617	—	6,462,658	132,735
66	Iron Oxides .....	ton	—	—	—	1,235
67		\$	—	—	—	108,286



TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1959

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.	
—	—	—	—	1,657,797	—	—	1,657,797	1	
—	—	—	—	540,276	—	—	540,276	2	
31,457	—	—	—	151,703	—	—	334,736	3	
37,748	—	—	—	288,236	—	—	590,212	4	
—	69,095	253,697	—	1,695,821	—	141,750	2,160,363	5	
—	88,442	324,732	—	2,170,651	—	181,440	2,765,265	6	
67,429	—	—	—	—	—	—	67,429	7	
76,409	—	—	—	—	—	—	76,409	8	
2,835,684	314,343	—	—	—	—	—	3,150,027	9	
5,414,246	540,670	—	—	—	—	—	5,954,916	10	
376,544,371	25,890,399	71,072,523	—	16,242,626	986,682	—	790,538,660	11	
110,547,037	7,666,147	21,044,574	—	4,781,508	292,157	—	233,102,813	12	
2,683,449	51,186	78,588	200	184,312	405,922	66,960	4,483,416	13	
90,083,383	1,718,314	2,638,199	6,714	6,187,354	13,626,802	2,247,847	150,508,275	14	
—	—	—	—	...	—	—	...	15	
—	—	—	—	...	—	—	...	16	
6,018,089	—	—	—	849,248	—	—	24,488,325	17	
50,830,404	—	—	—	6,363,848	—	—	192,666,101	18	
—	—	—	—	—	—	—	...	19	
—	—	—	—	—	—	—	7,187,434	20	
3,222,447	—	—	—	297,843,859	—	21,592,456	373,391,461	21	
341,902	—	—	—	31,601,233	—	2,290,960	39,616,835	22	
8,144,940	—	—	—	—	—	—	12,204,448	23	
2,202,392	—	—	—	—	—	—	3,179,515	24	
—	—	—	—	—	—	—	748,566	25	
—	—	—	—	—	—	—	940,596	26	
347,929,183	20,277,741	—	—	1,061,532	3,841,770	—	373,110,226	27	
240,053,265	13,523,225	—	—	743,072	2,689,239	—	257,008,801	28	
177,713	—	—	—	—	—	—	177,713	29	
5,916,989	—	—	—	—	—	—	5,916,989	30	
150,378	—	—	—	4	—	—	150,382	31	
11,015,189	—	—	—	260	—	—	11,015,449	32	
101,400	14,797	57,677	—	—	—	—	368,107	33	
709,800	103,579	403,739	—	—	—	—	2,576,749	34	
10,540,856	373,827	1,187,439	19	7,463,285	70,560	7,054,632	31,923,969	35	
9,252,763	328,145	1,042,334	17	6,551,272	61,937	6,192,556	28,022,860	36	
6,900	909	3,552	—	—	—	—	13,023	37	
14,835	1,954	7,637	—	—	—	—	27,999	38	
47,447	—	—	—	—	—	—	47,447	39	
105,676	—	—	—	—	—	—	105,676	40	
—	—	—	—	747,443	—	—	747,443	41	
—	—	—	—	630,094	—	—	630,094	42	
—	—	—	—	—	—	—	26,777	43	
—	—	—	—	—	—	—	129,565	44	
25,492,171	—	5,372,685	—	—	919,333	—	31,784,189	45	
268,529,993	—	54,457,321	—	—	8,155,729	—	331,143,043	46	
89,963,215	31,405,044	93,753,079	—	406,183,044	—	13,246,532	792,015,223	47	
11,011,498	3,843,977	11,475,377	—	49,716,804	—	1,621,375	96,942,663	48	
<b>806,143,529</b>	<b>27,814,453</b>	<b>91,393,913</b>	<b>6,731</b>	<b>109,574,608</b>	<b>24,825,864</b>	<b>12,534,178</b>	<b>1,370,648,535</b>	<b>49</b>	
—	—	—	—	—	—	—	—	—	50
1,578,307	—	—	—	—	—	—	1,578,307	50	
63,786	—	—	—	—	—	—	63,786	51	
24,350	—	—	—	33,883	—	—	1,050,429	52	
4,327,628	—	—	—	7,878,947	—	—	107,433,344	53	
—	—	—	—	23,142	—	—	238,967	54	
—	—	—	—	187,368	—	—	2,254,582	55	
—	—	—	—	5	—	—	5	56	
—	—	—	—	100	—	—	100	57	
—	—	—	—	—	—	—	17,953	58	
—	—	—	—	—	—	—	301,372	59	
...	—	—	—	—	—	—	...	60	
100,594	—	—	—	—	—	—	1,850,497	61	
—	—	—	—	—	—	—	60	62	
—	—	—	—	—	—	—	9,000	63	
412,100	200,139	—	—	94,010	—	—	5,878,630	64	
1,017,340	350,323	—	—	282,030	—	—	8,393,703	65	
—	—	—	—	—	—	—	1,235	66	
—	—	—	—	—	—	—	108,286	67	

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1959 - Concluded

No.			Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
<b>Non-metallics - Concluded</b>							
1	Lithia .....	lb.	-	-	-	-	2,756,280
2		\$	-	-	-	-	1,422,153
3	Magnesitic dolomite and brucite .....	ton	-	-	-	-	...
4		\$	-	-	-	-	3,050,779
5	Mica .....	lb.	-	-	-	-	778,076
6		\$	-	-	-	-	62,045
7	Mineral water .....	gal.	-	-	-	-	366,088
8		\$	-	-	-	-	201,033
9	Nepheline syenite .....	ton	-	-	-	-	-
10		\$	-	-	-	-	-
11	Peat moss .....	ton	-	-	2,207	25,285	50,578
12		\$	-	-	81,460	808,595	1,282,081
13	Potash (K <sub>2</sub> O) .....	ton	-	-	-	-	-
14		\$	-	-	-	-	-
15	Pyrite, pyrrhotite .....	ton	-	-	-	-	-
16		\$	-	-	-	-	1,850,523
17	Quartz .....	ton	-	-	1,151	-	301,706
18		\$	-	-	6,338	-	1,533,206
19	Salt .....	ton	-	-	120,225	-	-
20		\$	-	-	1,897,708	-	-
21	Silica brick .....	M	-	-	803	-	-
22		\$	-	-	239,611	-	-
23	Soapstone, talc <sup>1</sup> .....	ton	14,443	-	-	-	15,937
24		\$	200,275	-	-	-	185,951
25	Sodium sulphate .....	ton	-	-	-	-	-
26		\$	-	-	-	-	-
27	Sulphur in smelter gas .....	ton	-	-	-	-	...
28		\$	-	-	-	-	76,586
29	Sulphur, elemental .....	ton	-	-	-	-	-
30		\$	-	-	-	-	-
31	Titanium Dioxide, etc. ....	ton	-	-	-	-	...
32		\$	-	-	-	-	8,507,149
33	<b>Total Non-metallics</b> .....	<b>\$</b>	<b>2,098,795</b>	<b>-</b>	<b>10,754,989</b>	<b>950,330</b>	<b>113,807,933</b>
<b>Fuels</b>							
34	Coal .....	ton	-	-	4,391,829	1,003,387	-
35		\$	-	-	43,730,600	8,347,215	-
36	Natural gas .....	M cu. ft.	-	-	-	117,502	-
37		\$	-	-	-	188,394	-
38	Petroleum, crude .....	bbl.	-	-	-	14,479	-
39		\$	-	-	-	20,271	-
40	<b>Total fuels</b> .....	<b>\$</b>	<b>-</b>	<b>-</b>	<b>43,730,600</b>	<b>8,555,880</b>	<b>-</b>
<b>Structural materials</b>							
41	Clay products .....	\$	68,000	-	1,638,789	743,966	10,374,162
42	Cement .....	ton	71,253	-	-	170,793	1,975,452
43		\$	1,291,516	-	-	2,606,301	29,520,710
44	Lime .....	ton	-	-	-	18,231	404,060
45		\$	-	-	-	416,815	4,568,694
46	Sand and gravel .....	ton	4,825,724	5,244,968	8,032,122	5,093,496	42,449,734
47		\$	2,306,864	2,859,171	5,022,575	2,895,642	21,269,248
48	Stone .....	ton	352,231	1,700,000	1,393,668	2,119,136	20,437,243
49		\$	583,419	1,700,000	1,732,694	1,964,356	28,809,582
50	<b>Total structural materials</b> .....	<b>\$</b>	<b>4,249,799</b>	<b>4,559,171</b>	<b>8,394,058</b>	<b>8,627,080</b>	<b>94,542,396</b>
51	<b>Grand totals, 1959</b> .....	<b>\$</b>	<b>72,156,996</b>	<b>4,559,171</b>	<b>62,879,647</b>	<b>18,133,290</b>	<b>440,897,186</b>
52	<b>Grand totals, 1958</b> .....	<b>\$</b>	<b>64,994,754</b>	<b>...</b>	<b>62,706,891</b>	<b>16,275,971</b>	<b>365,706,489</b>

<sup>1</sup> Includes pyrophyllite.

TABLE 5. Final Statistics of the Mineral Production of Canada, by Provinces, 1959 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	
-	-	-	-	-	-	-	2,756,280	1
-	-	-	-	-	-	-	1,422,153	2
-	-	-	-	-	-	-	...	3
-	-	-	-	-	-	-	3,050,779	4
35,758	-	-	-	-	-	-	813,834	5
959	-	-	-	-	-	-	63,004	6
3,025	-	-	-	-	-	-	369,113	7
1,936	-	-	-	-	-	-	202,969	8
228,722	-	-	-	-	-	-	228,722	9
2,930,932	-	-	-	-	-	-	2,930,932	10
10,925	16,239	-	-	78,815	-	-	184,049	11
295,390	649,539	-	-	3,109,623	-	-	6,226,688	12
-	-	-	-	-	-	-	...	13
-	-	1,408,462	-	-	-	-	1,408,462	14
...	-	-	-	-	-	-	1,099,564	15
632,140	-	-	-	950,432	-	-	3,433,095	16
1,600,352	6,504	188,515	-	65,318	-	-	2,163,546	17
1,363,541	38,761	114,994	-	379,890	-	-	3,436,730	18
3,036,230	23,547	48,776	61,198	-	-	-	3,289,976	19
13,228,977	625,831	1,189,675	1,092,331	-	-	-	18,034,522	20
1,123	-	-	-	-	-	-	1,926	21
114,684	-	-	-	-	-	-	354,295	22
8,796	-	-	-	-	-	-	39,176	23
125,903	-	-	-	-	-	-	512,129	24
-	-	179,535	-	-	-	-	179,535	25
-	-	2,881,861	-	-	-	-	2,881,861	26
...	-	-	-	-	-	-	277,030	27
964,700	-	-	-	1,675,130	-	-	2,716,416	28
...	-	-	-	-	-	-	145,656	29
77,157	-	14,815	1,841,478	687,337	-	-	2,620,787	30
-	-	-	-	-	-	-	...	31
-	-	-	-	-	-	-	8,507,149	32
<b>25,245,667</b>	<b>1,664,454</b>	<b>5,609,807</b>	<b>2,933,809</b>	<b>15,150,857</b>	-	-	<b>178,216,641</b>	<b>33</b>
-	-	1,947,380	2,528,755	751,492	-	3,879	10,626,722	34
-	-	3,746,044	12,756,112	5,237,724	-	58,200	73,875,895	35
16,839,236	-	33,612,966	297,568,926	69,128,708	67,189	-	417,334,527	36
6,516,784	-	3,327,684	24,995,790	4,558,023	22,718	-	39,609,393	37
1,001,580	5,056,075	47,442,498	129,967,312	866,234	430,319	-	184,778,497	38
3,194,000	11,619,872	97,731,546	306,917,803	1,583,129	1,025,914	-	422,092,535	39
<b>9,710,784</b>	<b>11,619,872</b>	<b>104,805,274</b>	<b>344,669,705</b>	<b>11,378,876</b>	<b>1,048,632</b>	<b>58,200</b>	<b>535,577,823</b>	<b>40</b>
22,174,895	618,550	1,374,834	3,572,920	1,949,332	-	-	42,515,448	41
2,386,334	402,562	161,057	689,854	427,181	-	-	6,284,486	42
31,731,767	7,314,552	3,954,737	11,678,577	7,049,638	-	-	95,147,798	43
1,130,055	60,503	-	43,709	29,167	-	-	1,685,725	44
14,006,532	1,022,953	-	741,837	547,190	-	-	21,304,021	45
73,981,703	9,261,553	5,898,136	13,271,695	17,064,615	-	-	185,123,746	46
39,695,602	4,686,315	2,903,486	11,949,099	11,063,459	-	-	104,651,461	47
17,288,796	526,696	-	528,961	2,092,804	-	-	46,439,535	48
22,053,425	771,261	-	662,915	2,681,132	-	-	60,958,784	49
<b>129,662,221</b>	<b>14,413,631</b>	<b>8,233,057</b>	<b>28,605,348</b>	<b>23,290,751</b>	-	-	<b>324,577,512</b>	<b>50</b>
<b>970,762,201</b>	<b>55,512,410</b>	<b>210,042,051</b>	<b>376,215,593</b>	<b>159,395,092</b>	<b>25,874,496</b>	<b>12,592,378</b>	<b>2,409,020,511</b>	<b>51</b>
<b>789,601,868</b>	<b>57,217,569</b>	<b>209,940,966</b>	<b>345,939,248</b>	<b>151,149,136</b>	<b>24,895,390</b>	<b>12,310,756</b>	<b>2,100,739,038</b>	<b>52</b>

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					
1951 .....	447,095	86,241	354,414	14,805	270
1952 .....	499,758	90,287	412,590	23,617	13
1953 .....	548,445	88,548	459,692	17,377	35
1954 .....	557,897	80,355	468,494	17,447	115
1955 .....	612,453	91,522	506,879	16,658	99
1956 .....	620,321	91,869	508,994	7,078	1,405
1957 .....	556,715	77,984	478,670	12,593	2,122
1958 .....	654,102	101,886	482,927	17,390	11,257
1959 .....	593,630	88,697	505,342	25,158	854
1960 .....	761,357	114,340	552,155	30,123	500

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 <sup>1</sup>		Production, refined metal	Imports		Consumption, refined metal
				Refined metal or regulus		
	Pounds	Value		Pounds	Value	Pounds
		\$		\$		
1951 .....	6,702,164	1,436,713	—	1,362,260	687,166	2,608,000
1952 .....	2,300,900	601,483	—	1,721,622	511,866	1,450,000
1953 .....	1,488,105	291,862	—	1,729,253	371,340	1,720,000
1954 .....	1,302,333	349,249	—	2,043,544	490,782	1,518,000
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 .....	1,522,700	496,400	—	843,794	158,266	...

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

TABLE 8. BISMUTH

Year	Total production in all forms		Production refined metal	Imports refined metal <sup>1</sup>		Consumption, refined metal
	Pounds	Value		Pounds	Value	
		\$		\$		
1951 .....	230,298	543,504	200,365 <sup>2</sup>	585	2,145	109,000
1952 .....	162,373	347,224	142,246 <sup>2</sup>	2,491	6,124	106,000
1953 .....	117,366	209,557	71,297 <sup>2</sup>	997	2,141	67,000
1954 .....	258,675	572,183	225,352 <sup>2</sup>	—	—	74,000
1955 .....	265,896	572,362	160,766 <sup>2</sup>	5,908	11,888	92,000
1956 .....	285,861	544,900	156,000 <sup>2</sup>	24,025	49,143	40,000
1957 .....	319,941	584,917	146,000 <sup>2</sup>	9,614	20,287	39,000
1958 .....	412,792	771,267	172,000 <sup>2</sup>	12,857	26,178	19,000
1959 .....	334,736	590,212	182,000 <sup>2</sup>	13,002	26,829	40,000
1960 .....	464,440	832,342	248,000 <sup>2</sup>	7,648	15,042	85,000

<sup>1</sup> Includes bismuth residues.

<sup>2</sup> 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
		\$			\$
1951 .....	1,326,920	3,556,145	291,000	824,850	2,237,763
1952 .....	948,587	2,086,891	232,000	620,344	1,502,582
1953 .....	1,118,285	2,236,570	265,000	969,563	1,691,989
1954 .....	1,086,780	1,847,526	226,000	776,391	1,208,355
1955 .....	1,919,081	3,262,439	347,000	1,562,337	2,275,472
1956 .....	2,339,421	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 .....	2,244,783	3,187,591	737,000	2,056,333	2,627,431

TABLE 10. CHROMITE

Year	Production of chrome ore		Imports of chrome ore	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	—	—	146,999	3,762,874
1952 .....	—	—	148,343	5,146,860
1953 .....	—	—	118,092	3,006,549
1954 .....	—	—	37,516	571,984
1955 .....	—	—	51,854	971,522
1956 .....	—	—	64,965	1,529,411
1957 .....	—	—	111,453	2,751,372
1958 .....	—	—	38,137	812,286
1959 .....	—	—	48,678	1,525,438
1960 .....	—	—	59,023	1,521,812

TABLE 11. COBALT

Year	Total production in all forms <sup>1</sup>		Imports, cobalt ore		Exports			
					Cobalt contained in ores		Metallic cobalt and alloys	
	Pounds	Value	Tons	Value	Pounds	Value	Pounds	Value
		\$		\$		\$		\$
1951 .....	951,607	1,999,612	1,844	760,510	35,300	46,754	192,260	375,383
1952 .....	1,421,923	3,226,903	5,604	1,790,889	—	—	335,945	772,876
1953 .....	1,602,545	4,013,077	2,144	628,251	37,100	60,418	781,243	2,486,945
1954 .....	2,252,965	5,912,997	5	1,321	3,300	5,693	1,143,965	3,800,715
1955 .....	3,318,637	8,563,700	19	10,898	—	—	1,555,345	3,517,673
1956 .....	3,516,670	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 .....	3,330,914	5,669,560	—	—	—	—	846,167	1,375,856

<sup>1</sup> From Canadian ores only.

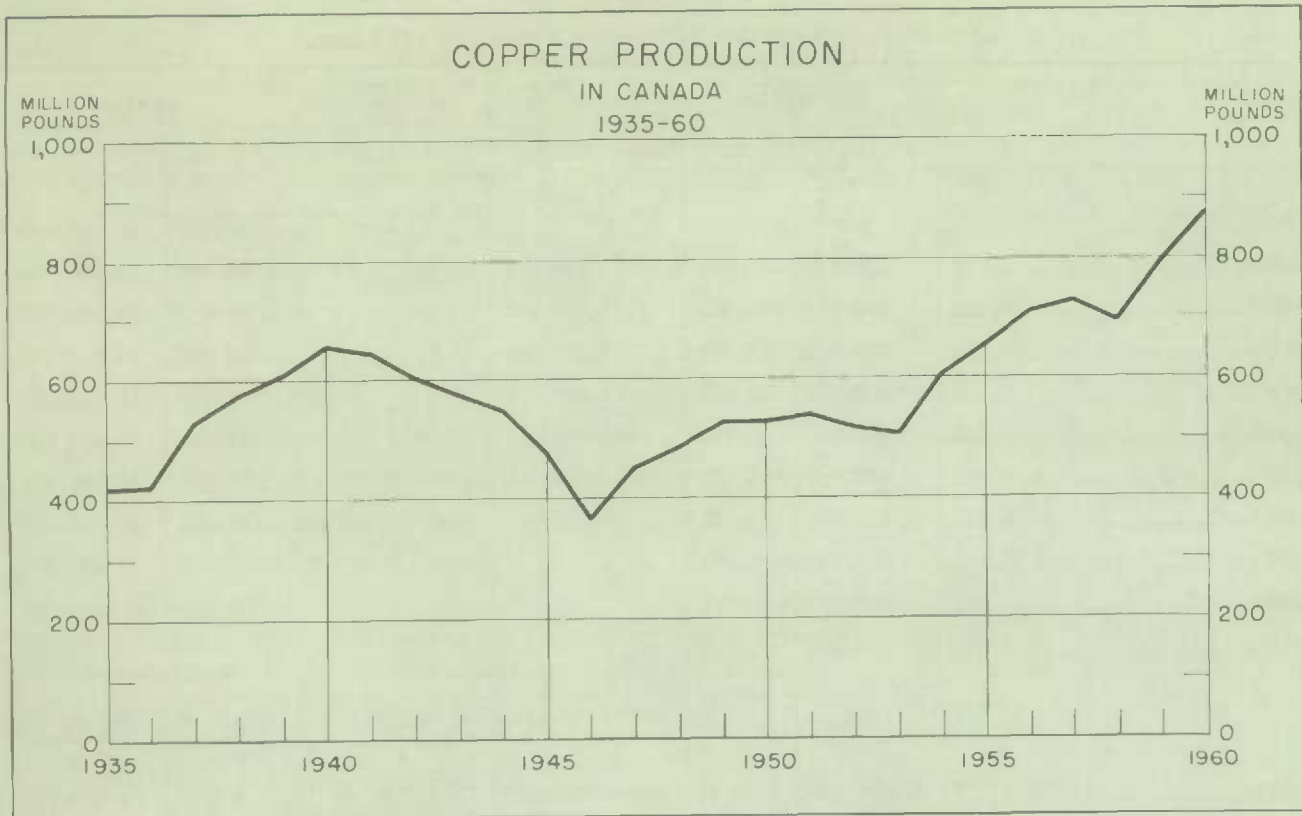
## COPPER

TABLE 12. Production of Primary Copper in all Forms<sup>1</sup>

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1951.....	2,899	1,606,233	—	—	—	—	68,866	38,151,738
1952.....	2,959	1,689,079	383	218,663	—	—	68,846	39,297,212
1953.....	2,814	1,684,862	788	471,962	—	—	54,920	32,886,057
1954.....	3,481	2,029,876	991	577,868	—	—	83,980	48,948,202
1955.....	3,052	2,250,672	1,027	757,758	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.....	13,875	8,405,536	—	—	—	—	159,512	96,632,633
	Ontario		Manitoba		Saskatchewan			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1951.....	128,808	70,861,789	15,839	8,774,768	31,625	17,520,373		
1952.....	125,343	70,973,056	9,374	5,350,804	30,344	17,320,154		
1953.....	130,582	77,587,439	9,411	5,635,573	30,588	18,316,355		
1954.....	140,776	81,343,536	12,274	7,161,925	36,192	21,107,074		
1955.....	146,407	107,215,943	19,379	14,438,505	32,945	24,297,063		
1956.....	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.....	204,121	122,468,767	12,307	7,455,406	31,993	19,381,478		
	British Columbia		Northwest Territories		Canada			
1951.....	21,932	12,110,779	1	536	269,971	149,026,216		
1952.....	20,786	11,828,103	3	1,969	258,038	146,679,040		
1953.....	24,148	14,371,494	—	—	253,252	154,953,742		
1954.....	25,088	14,544,212	—	—	302,732	175,712,693		
1955.....	22,127	16,267,579	—	—	325,994	239,756,455		
1956.....	21,682	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.....	15,950	9,614,454	625	378,625	438,383	264,336,899		

<sup>1</sup> 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, ingot bars	Imports
tons of 2,000 pounds				
1951	245,466	134,174	107,214	1,511
1952	196,320	130,347	113,675	12,972
1953	236,966	108,526	131,994	5,515
1954	253,365	102,000	156,130	1
1955	288,997	139,280	153,200	35
1956	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	416,402	117,634	278,066	25

**TABLE 14. Exports of Primary Copper**

	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	Value	Tons	Value
		\$		\$
1951	36,853	14,740,460	101,832	59,022,855
1952	34,437	15,387,824	113,675	71,406,317
1953	51,158	27,625,485	131,994	80,939,921
1954	47,411	25,602,156	156,130	91,355,516
1955	42,565	28,563,092	153,199	109,649,603
1956	40,994	31,129,360	174,844	141,767,103
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

## 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
		\$		\$		\$		\$
1951 .....	8,515	313,778	17	626	—	—	1,067,306	39,330,326
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 .....	13,479	457,342	3	102	—	—	1,033,249	35,058,139
	Ontario		Manitoba		Saskatchewan		Alberta	
1951 .....	2,463,179	90,768,146	163,914	6,040,231	110,216	4,061,460	97	3,574
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 .....	2,725,077	92,461,863	51,352	1,742,373	87,288	2,961,682	230	7,804
	British Columbia		Northwest Territories		Yukon		Canada	
1951 .....	289,992	10,686,205	212,211	7,819,975	77,504	2,856,022	4,392,751	161,872,873
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 .....	202,822	6,881,750	411,492	13,961,924	77,770	2,638,736	4,602,762	156,171,715

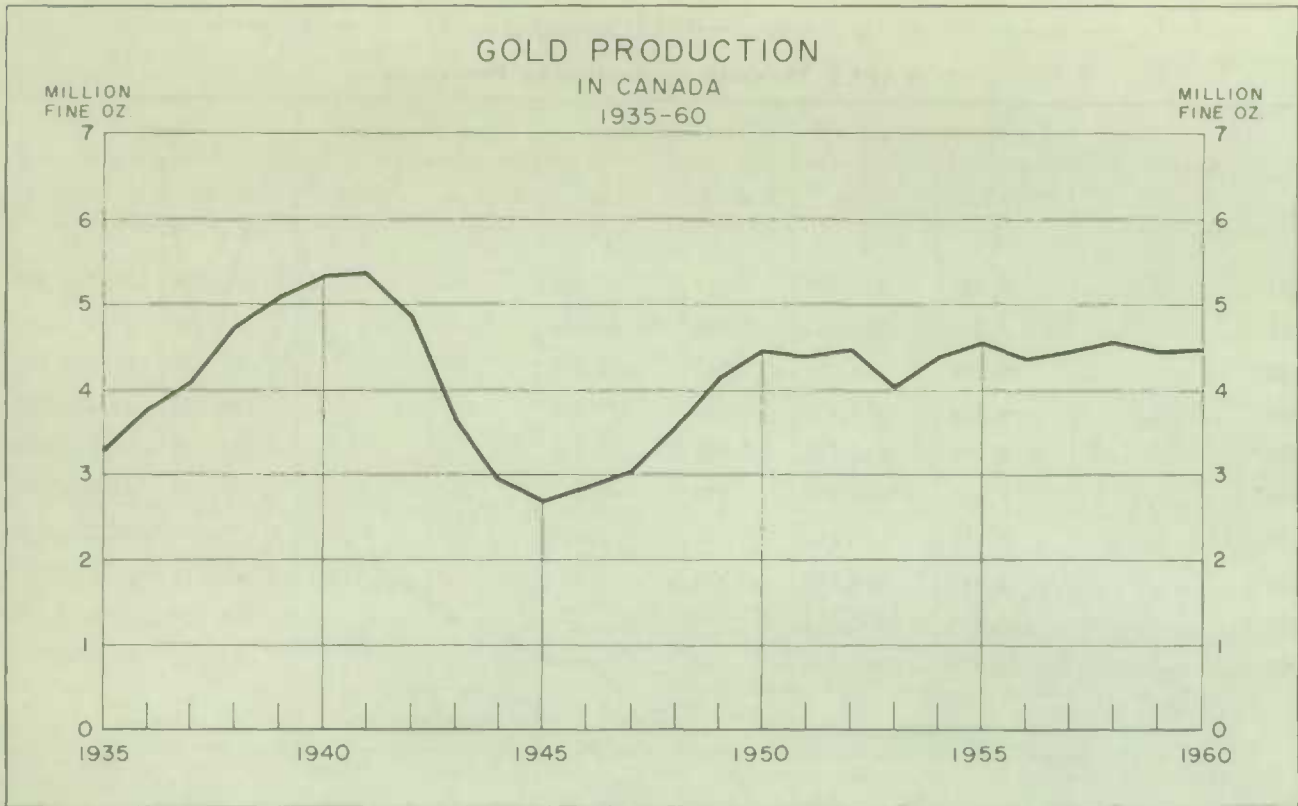
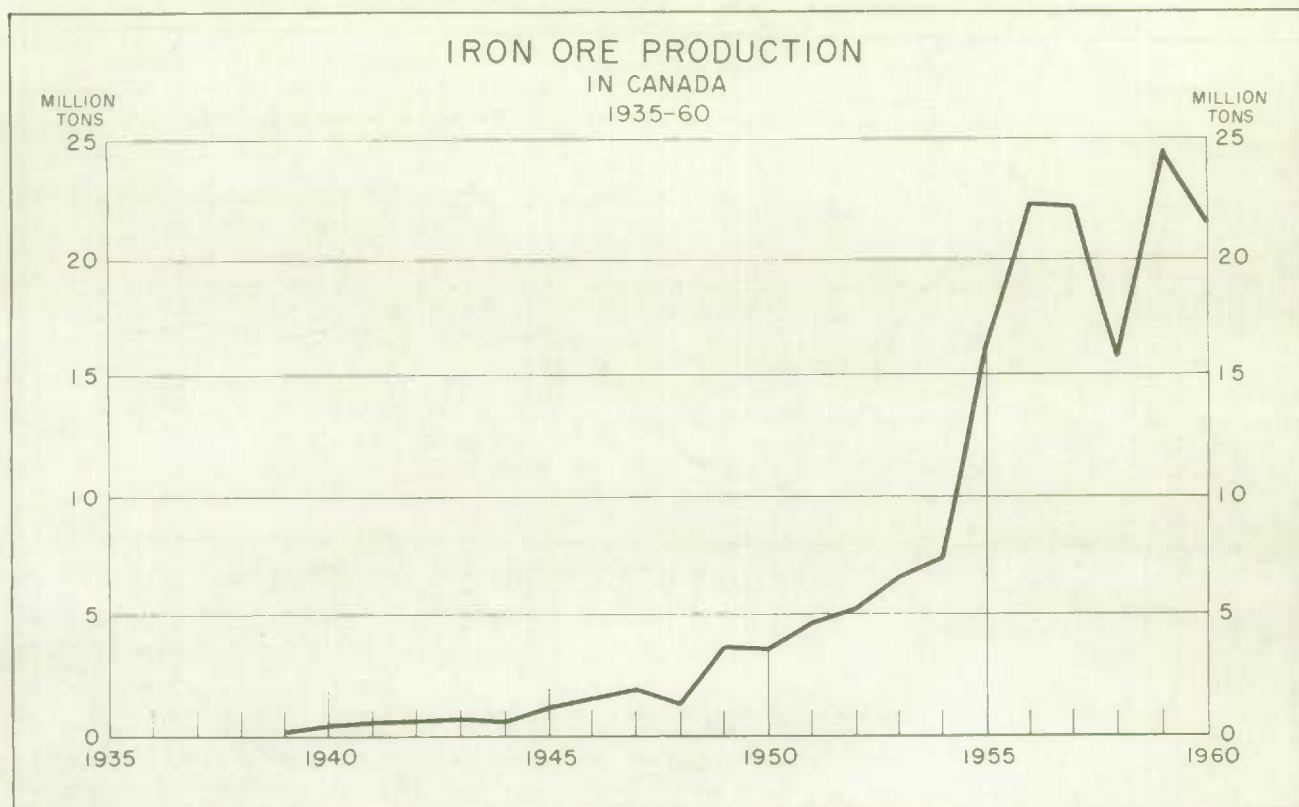


TABLE 16. IRON ORE

Year	Producers' shipments		Imports		Exports	
	Short tons	Value \$	Short tons	Value \$	Short tons	Value \$
1951	4,680,510	31,141,112	3,831,418	22,671,265	3,225,767	18,596,137
1952	5,271,849	33,744,311	4,267,658	26,519,451	3,846,998	22,333,472
1953	6,509,818	44,102,944	4,167,571	28,193,710	4,819,975	30,842,991
1954	7,361,598	49,666,507	3,035,191	20,415,600	6,126,938	39,718,740
1955	16,283,177	110,435,850	4,538,789	31,563,361	14,568,960	99,814,106
1956	22,348,278	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	21,507,783	171,670,605	5,056,348	48,370,303	18,559,400	151,673,119

**TABLE 17. LEAD**

Year	Production of primary lead in all forms <sup>1</sup>		Production, refined lead <sup>2</sup>	Exports				Consumption, refined lead
	Tons	Value		Lead contained in ore		Pig lead		
			Tons	Value	Tons	Value	Tons	Value
		\$			\$			
1951 .....	158,231	58,229,146	162,000	19,648	6,765,963	105,736	38,123,412	55,210
1952 .....	168,842	54,671,021	182,943	23,967	6,897,640	129,740	41,614,984	53,439
1953 .....	193,706	50,076,822	165,752	61,683	14,784,744	102,879	22,976,167	67,718
1954 .....	218,495	58,250,831	166,005	59,755	14,568,258	116,409	25,802,738	67,947
1955 .....	202,762	58,314,500	148,811	58,164	15,034,498	92,704	22,078,426	66,222
1956 .....	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 .....	189,267	40,427,281	158,510	51,336	9,086,739	96,449	15,958,094	44,450

<sup>1</sup> Lead in base bullion, plus recoverable lead in ores exported.

<sup>2</sup> 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
		\$		\$		\$		\$
1951 .....	16,444	6,051,427	—	—	—	—	7,756	2,854,323
1952 .....	18,059	5,847,571	778	252,021	—	—	10,520	3,408,353
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 .....	24,471	5,227,027	—	—	—	—	2,504	534,771



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
		\$		\$		\$		\$
1951 .....	—	—	127,764	47,017,311	6,267	2,306,085	158,231	58,229,146
1952 .....	902	291,979	129,385	41,894,771	9,184	2,973,883	168,842	54,671,021 <sup>1</sup>
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 .....	773	165,075	151,886	32,442,841	8,773	1,873,919	189,267	40,427,281 <sup>2</sup>

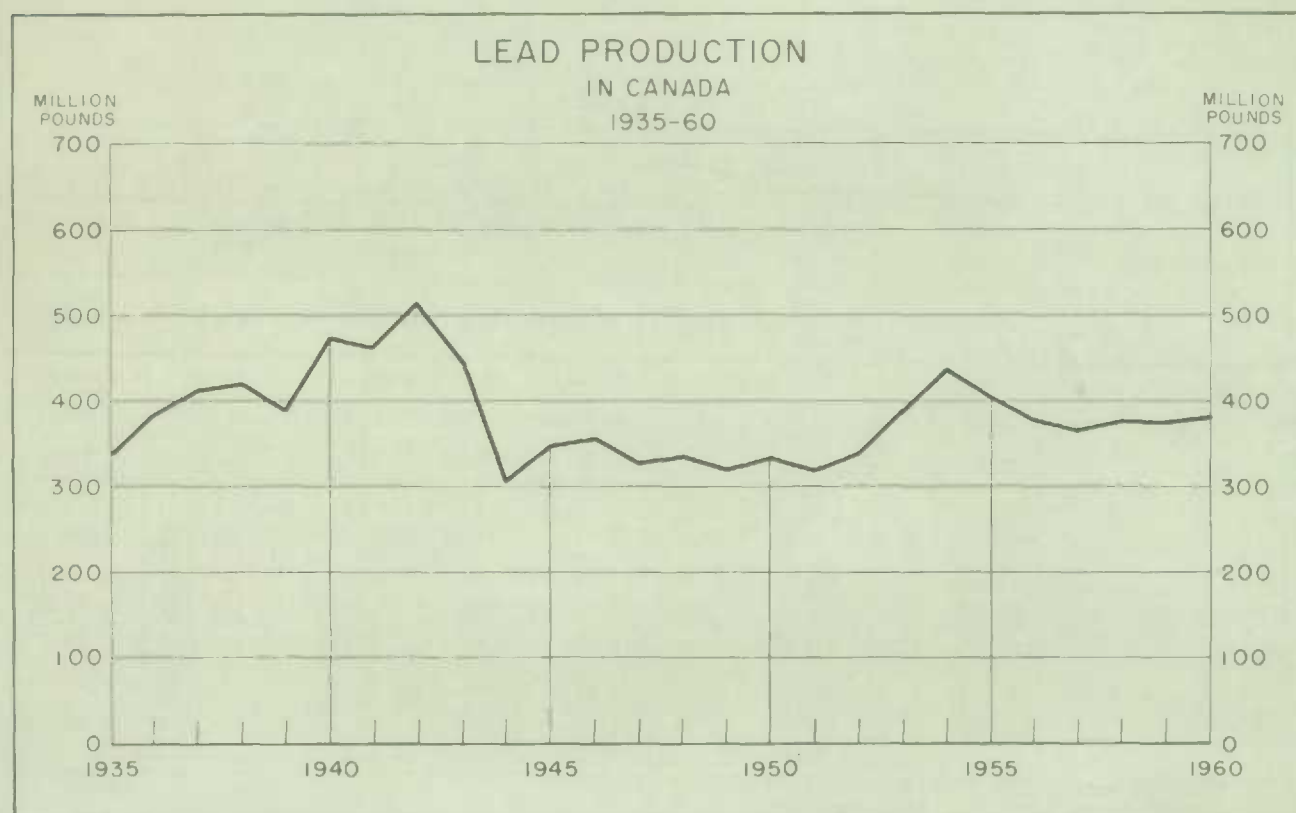
<sup>1</sup> Includes 14 tons from Northwest Territories.<sup>2</sup> Includes 860 tons from Manitoba.

TABLE 19. MAGNESIUM

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	Value		Pounds	Value
		\$			\$
1951 .....	...	3,618,219 <sup>1</sup>	1956 .....	19,212,298	6,079,890
1952 .....	...	4,812,368 <sup>1</sup>	1957 .....	16,770,371	5,254,896
1953 .....	...	5,295,840 <sup>1</sup>	1958 .....	13,591,705	4,064,825
1954 .....	...	4,101,642 <sup>1</sup>	1959 .....	12,204,448	3,179,515
1955 .....	...	6,585,409 <sup>1</sup>	1960 .....	14,746,427	4,280,232

<sup>1</sup> Includes calcium in 1950-55.

TABLE 20. MANGANESE ORE

Year	Production		Imports	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	—	—	222,082	9,078,011
1952 .....	—	—	194,404	8,273,722
1953 .....	—	—	66,682	2,719,863
1954 .....	—	—	48,962	2,277,043
1955 .....	—	—	175,282	7,338,269
1956 .....	...	1,900	207,977	9,137,278
1957 .....	—	—	131,318	7,519,746
1958 .....	—	—	42,060	1,722,965
1959 .....	—	—	118,455	5,017,112
1960 .....	—	—	56,350	2,543,763

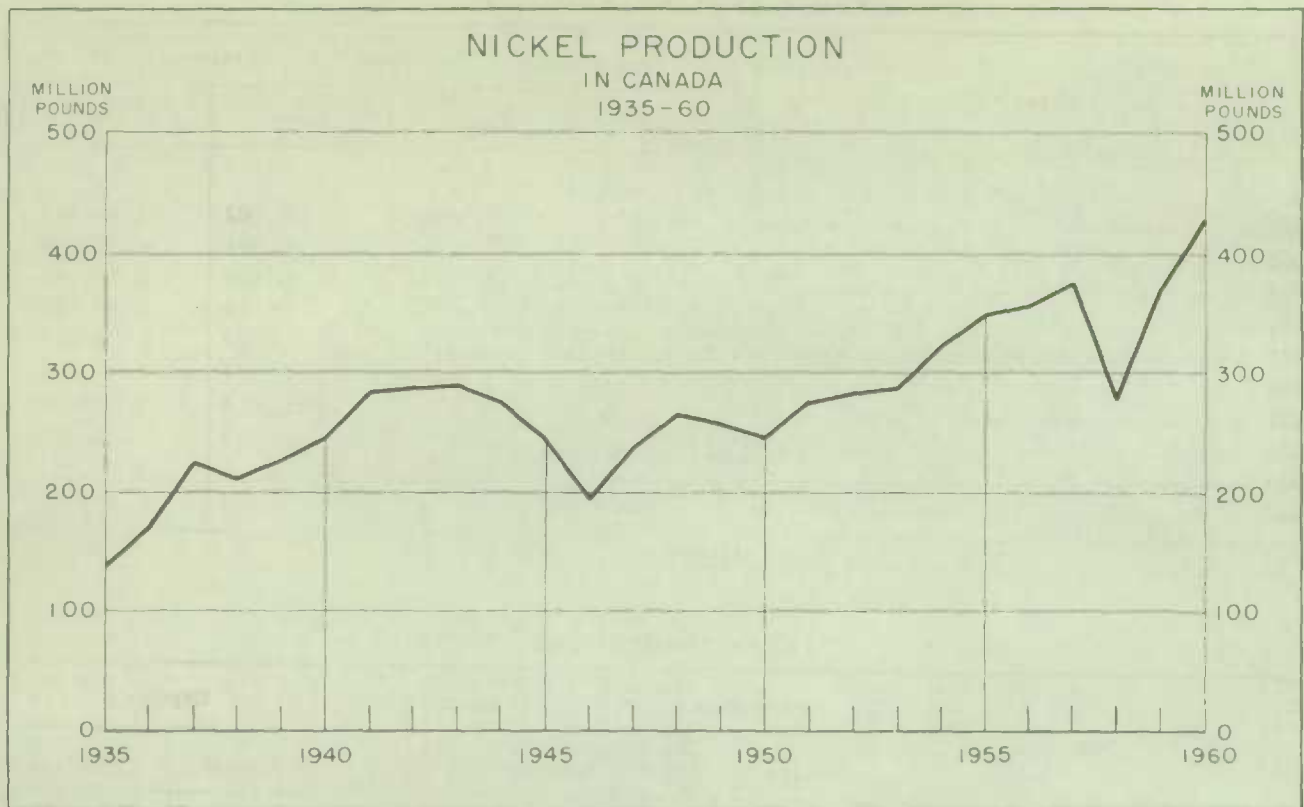
TABLE 21. MERCURY

Year	Production		Imports		Exports	
	Pounds	Value	Pounds	Value	Pounds	Value
		\$		\$		\$
1951 .....	—	—	308,172	767,319	58,235	149,035
1952 .....	—	—	144,439	388,025	1,500	4,935
1953 .....	—	—	196,412	436,040	7,018	18,857
1954 .....	—	—	244,783	632,145	6,310	20,907
1955 .....	75	250	555,526	1,930,987	3,781	15,131
1956 .....	—	—	450,006	1,500,033	5,953	18,518
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

TABLE 22. MOLYBDENUM

Year	Shipments			Year	Shipments		
	Concentrates	Mo. content	Value		Concentrates	Mo. content	Value
	Tons	Pounds			Tons	Pounds	
			\$			\$	
1951 .....	241	228,958	228,958	1956 .....	705	842,263	955,828
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 .....	...	758,507	1,000,265



**TABLE 23. NICKEL**

Year	Production of primary nickel in all forms <sup>1</sup>		Exports			
			Nickel contained in matte or speiss		Refined nickel	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1951	137,903	151,269,994	57,882	60,286,680	72,357	75,800,713
1952	140,559	151,349,438	63,753	70,248,850	77,059	79,672,175
1953	143,643	160,430,098	63,909	70,312,715	79,909	90,900,597
1954	166,299	180,173,392	65,823	72,862,335	91,410	107,828,514
1955	174,928	215,866,007	65,954	79,045,411	106,473	134,765,810
1956	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	213,641	312,738,234	73,910	99,778,767	108,350	142,549,495

<sup>1</sup> Refined nickel and nickel in oxide and salts, plus nickel in matte exported.

**TABLE 24. METALS OF THE PLATINUM GROUP**

Year	Production <sup>1</sup>			
	Platinum		Palladium, rhodium, iridium, etc.	
	Troy ounces	Value	Troy ounces	Value
		\$		\$
1951	153,483	14,542,515	164,905	7,950,107
1952	122,317	10,916,792	157,407	7,559,109
1953	137,545	12,550,981	186,018	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

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

TABLE 24. METALS OF THE PLATINUM GROUP - Concluded

Year	Production <sup>1</sup>			
	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 .....	221,832	18,134,766	238,489	9,538,921

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

TABLE 25. SELENIUM

Year	Production		Exports	
	Pounds	Value	Pounds	Value
		\$		\$
1951 .....	382,603	1,239,633	370,473	1,301,245
1952 .....	242,030	786,599	244,121	894,071
1953 .....	262,346	1,101,854	253,620	1,066,824
1954 .....	323,529	1,617,645	344,292	1,943,752
1955 .....	427,109	3,203,319	334,215	2,555,689
1956 .....	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 .....	562,272	3,487,804	404,410	2,796,407

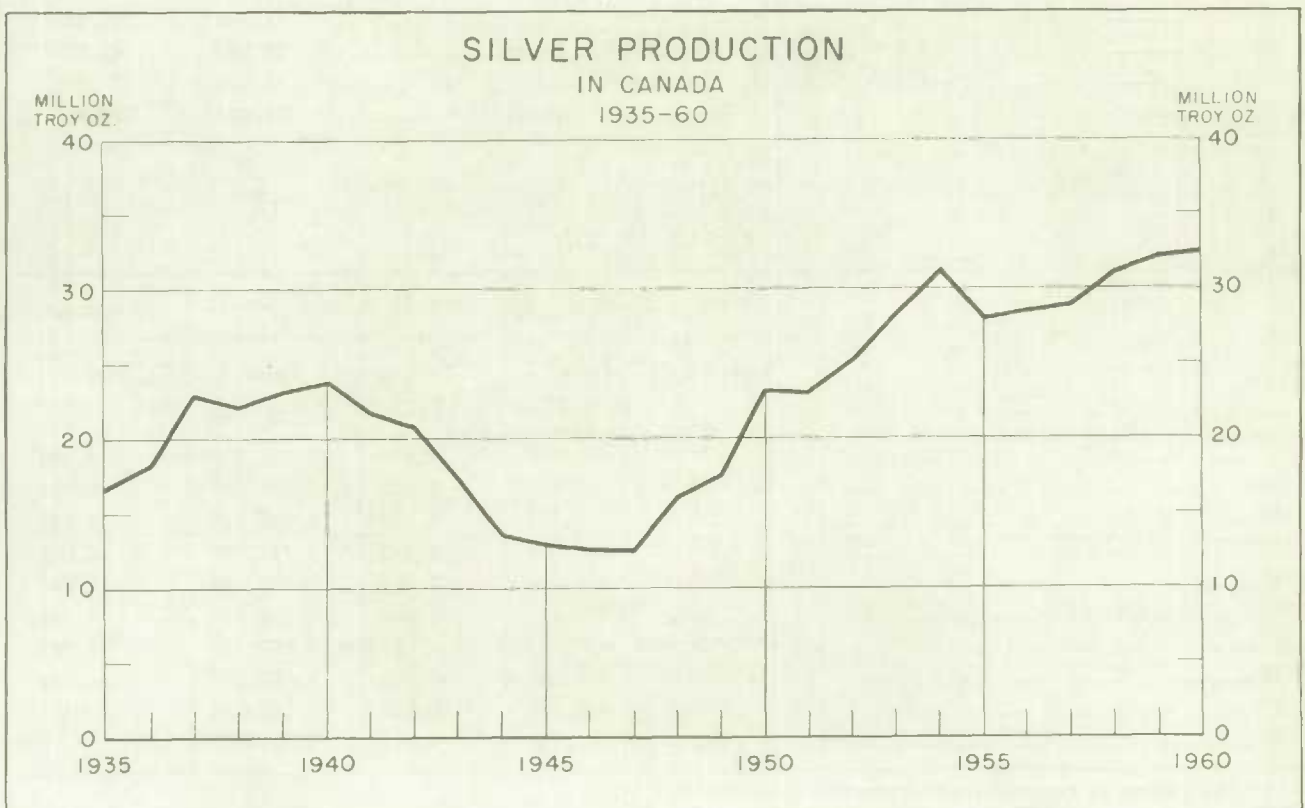
SILVER PRODUCTION  
IN CANADA  
1935-60

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
		\$		\$		\$
1951 .....	23,125,825	21,865,467	2,413,288	2,059,949	15,381,276	14,419,658
1952 .....	25,222,227	21,065,603	3,546,448	2,830,376	14,928,515	12,617,803
1953 .....	28,299,335	23,774,271	5,686,518	4,613,352	14,632,914	12,231,682
1954 .....	31,117,949	25,907,870	8,672,340	6,961,088	14,467,015	11,991,817
1955 .....	27,984,204	24,676,472	5,873,873	4,857,948	16,598,577	14,485,037
1956 .....	28,431,847	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 .....	32,328,143	28,726,788	8,897,402	8,255,194	12,761,063	11,315,369

TABLE 27. TELLURIUM

Year	Production		Year	Production	
	Pounds	Value		Pounds	Value
		\$			\$
1951 .....	8,913	16,400	1956 .....	7,867	13,767
1952 .....	6,035	10,259	1957 .....	31,524	55,167
1953 .....	4,694	8,215	1958 .....	38,250	65,025
1954 .....	8,171	14,300	1959 .....	13,023	27,999
1955 .....	9,014	15,774	1960 .....	56,352	197,232

TABLE 28. TIN

Year	Production of tin		Imports in blocks, pigs		Consumption
	Tons	Value	Tons	Value	
		\$		\$	
1951 .....	173	494,073	6,872	19,576,828	5,288
1952 .....	106	253,581	4,423	10,595,385	4,743
1953 .....	322 <sup>1</sup>	581,746	4,146	8,263,530	4,424
1954 .....	164 <sup>1</sup>	263,359	4,296	7,441,782	4,036
1955 .....	246 <sup>1</sup>	408,030	4,836	8,813,544	4,502
1956 .....	378 <sup>1</sup>	670,441	4,227	8,194,367	4,575
1957 .....	355 <sup>1</sup>	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 .....	268	541,065	4,220	8,257,625	...

<sup>1</sup> Tin content of exported tin concentrates and in tin-lead alloy.

TABLE 29. TITANIUM ORE

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1951 .....	1,674	9,790	1956 .....	2,310	16,561
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 .....	1,700	12,000

Note: Titanium ore shipped to other than Canadian smelters.

TABLE 30. TUNGSTEN

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude	WO <sub>3</sub> content	Value	Pounds	Value
	pounds		\$		\$
1951 .....	4,145	2,833	7,098	86,562	164,827
1952 .....	3,670,686	1,493,111	4,488,237	73,485	202,064
1953 .....	6,307,717	2,446,028	5,689,160	254,100	284,650
1954 .....	3,237,748	2,170,633	5,795,781	294,312	244,473
1955 .....	3,255,100	1,942,770	5,508,437	91,800	126,137
1956 .....	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

TABLE 31. URANIUM

Year	Producers' shipments (U <sub>3</sub> O <sub>8</sub> )		Year	Producers' shipments (U <sub>3</sub> O <sub>8</sub> )	
	Pounds	Value		Pounds	Value
		\$			\$
1941-1953 .....	...	...	1957 .....	13,271,414	136,304,364
1954 .....	...	26,373,052 <sup>1</sup>	1958 .....	26,805,232	279,538,471
1955 .....	...	26,031,604 <sup>1</sup>	1959 .....	31,784,189	331,143,043
1956 .....	4,561,060	45,732,145	1960 .....	25,034,889	262,935,404

<sup>1</sup> 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	Value	Tons	Value	Tons	Value	
		\$			\$		\$		\$
1951 .....	341,112	135,762,643	207,799	61,023	154,593	27,153,095	146,132	55,423,769	
1952 .....	371,802	129,833,285	222,200	51,581	181,754	34,491,726	166,864	61,309,973	
1953 .....	401,762	96,101,386	250,961	50,717	192,657	22,923,232	158,388	34,292,884	
1954 .....	376,491	90,207,285	213,775	46,735	180,172	18,838,888	206,038	39,188,377	
1955 .....	433,357	118,306,466	256,542	66,653	190,585	22,988,483	213,837	47,107,303	
1956 .....	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 .....	405,620	108,209,749	260,968	53,457	169,894	16,652,541	207,091	46,354,625	

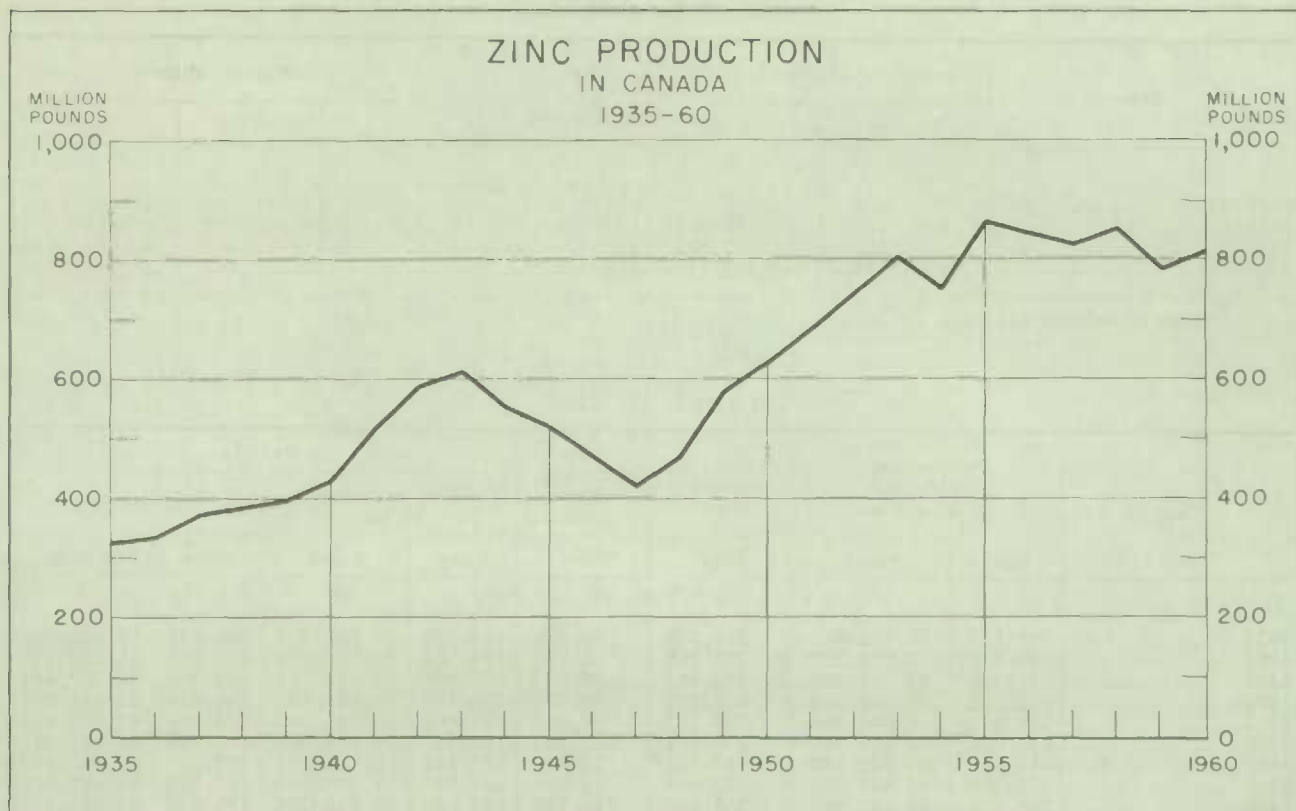


TABLE 33. Production of Zinc in all Forms, by Provinces

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec		Ontario	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
1951	28,469	11,330,799	—	—	—	—	86,363	34,372,439	—	—
1952	30,517	10,656,475	4,408	1,539,298	—	—	94,899	33,138,567	372	130,063
1953	28,002	6,698,029	7,349	1,757,964	—	—	100,430	24,022,766	86	20,546
1954	30,002	7,188,595	8,493	2,034,810	—	—	107,001	25,637,532	710	170,122
1955	28,636	7,817,635	8,018	2,188,957	—	—	101,431	27,690,668	1,548	422,556
1956	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	34,894	9,309,586	—	—	—	—	49,665	13,250,619	45,599	12,165,745

Year	Manitoba		Saskatchewan		British Columbia		Yukon	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1951	15,111	6,013,982	39,574	15,750,548	168,756	67,164,754	2,839	1,130,121
1952	15,092	5,270,306	46,691	16,304,364	174,288	60,861,359	5,535	1,932,853
1953	15,766	3,771,315	49,965	11,951,537	191,150	45,723,183	9,014	2,156,046
1954	16,253	3,894,226	50,670	12,140,475	151,539	36,308,784	11,823	2,832,741
1955	17,966	4,904,725	48,960	13,366,168	215,886	58,936,877	10,912	2,978,881
1956	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	21,065	5,620,275	46,395	12,378,069	202,840	54,108,239	5,162	1,377,216



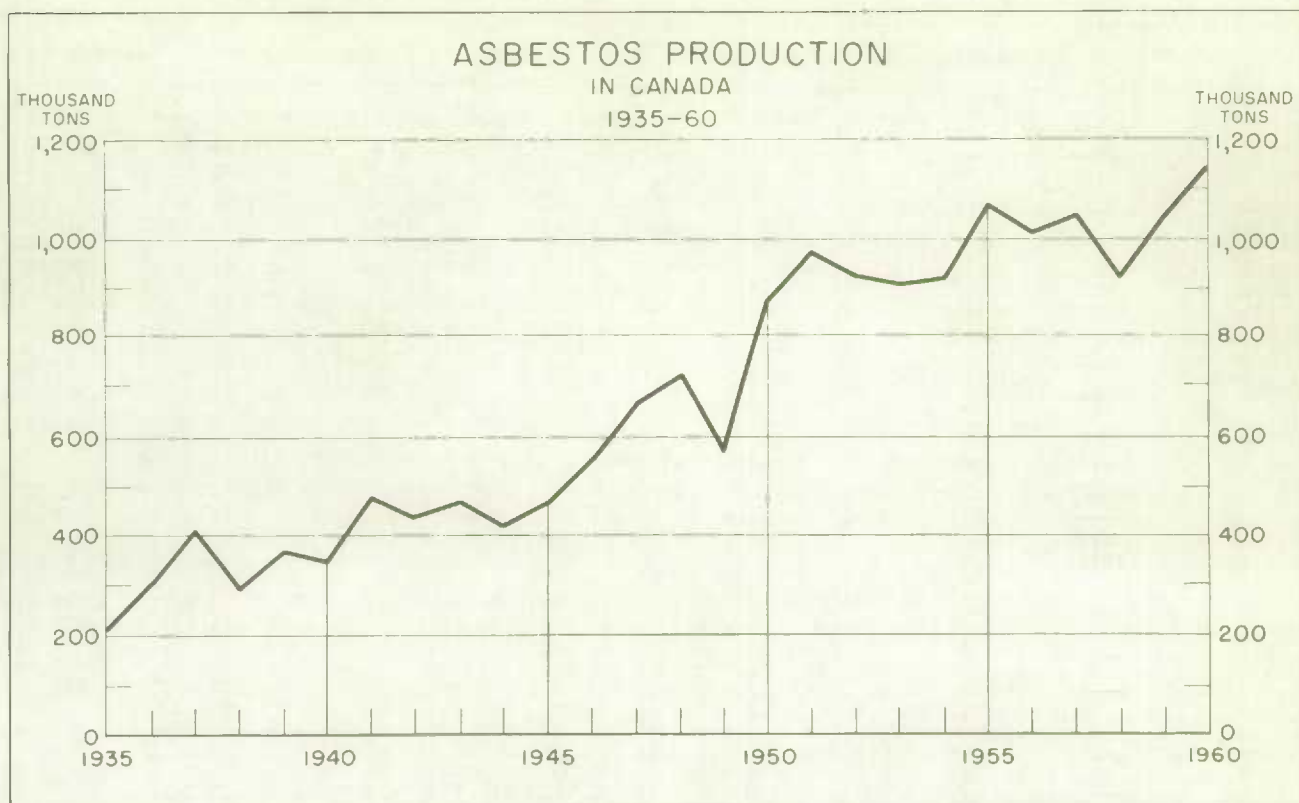


TABLE 34. ASBESTOS

Year	Producers' shipments		Exports		
			Crude	Milled fibres	Waste, refuse or shorts
	Tons	Value	Tons	Tons	Tons
		\$			
1951 .....	973,198	81,584,345	660	324,594	617,060
1952 .....	929,339	89,254,913	692	339,818	561,548
1953 .....	911,226	86,052,895	638	316,588	561,304
1954 .....	924,116	86,409,212	641	312,844	574,243
1955 .....	1,063,802	96,191,317	586	365,980	635,261
1956 .....	1,014,249	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 .....	1,140,538	118,700,998	241	458,053	610,199



TABLE 35. ARSENIOS OXIDE

Year	Production (crude and refined) <sup>1</sup>		Exports (crude and refined) <sup>2</sup>	
	Pounds	Value	Pounds	Value
		\$		\$
1951 .....	2,353,362 <sup>2</sup>	129,435	1,842,200	77,872
1952 .....	1,708,351	76,876	294,800	16,906
1953 .....	1,403,740	56,150	935,300	39,675
1954 .....	1,180,350	48,333	1,422,600	58,871
1955 .....	1,571,787	69,159	940,600	40,794
1956 .....	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 .....	1,612,521	77,541	1,054,200	37,908

<sup>1</sup> Does not include arsenic in ores exported from British Columbia.

<sup>2</sup> Data for 1951-60 include some arsenious oxide recovered from foreign ores.

TABLE 36. BARITE

Year	Producers' shipments		Imports	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	98,113	1,131,917	1,068	37,471
1952 .....	136,002	1,521,162	1,445	44,488
1953 .....	247,227	2,220,292	1,207	40,143
1954 .....	221,472	2,003,796	1,236	39,264
1955 .....	253,736	2,277,166	1,449	46,017
1956 .....	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 .....	155,506	1,446,621	2,021	91,179

TABLE 37. FELDSPAR

Year	Producers' shipment		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1951 .....	40,749	551,097	194	4,915	19,832	173,821
1952 .....	20,267	330,635	154	3,769	6,360	54,899
1953 .....	21,246	347,164	350	7,085	6,848	64,234
1954 .....	16,096	301,049	398	8,078	1,056	28,206
1955 .....	18,152	355,879	137	3,106	1,426	38,125
1956 .....	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 .....	10,789	234,050	1,338	27,545	3,183	73,811

TABLE 38. FLUORSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1951 .....	74,211	2,189,875	8,188	239,120	..	..
1952 .....	82,187	2,523,408	22,714	684,968	..	..
1953 .....	88,569	2,670,585	20,161	546,915	..	..
1954 .....	118,969	2,987,026	16,240	382,935	..	..
1955 .....	128,114	2,708,437	21,774	518,002	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 .....	...	1,958,236	59,690	1,486,107	10,312	311,989

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			
1951 .....	1,569	231,167	96,725	215,297	476,511	156,536
1952 .....	2,040	255,732	97,658	213,429	434,650	191,563
1953 .....	3,466	366,528	125,740	217,066	481,982	320,688
1954 .....	2,463	254,534	54,385	156,516	548,824	199,612
1955 .....	—	—	64,798	202,864	561,394	761
1956 .....	—	—	87,926	260,000	815,384	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	—

TABLE 40. GYPSUM

Year	Producers' shipments		Exports of crude gypsum	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	3,802,692	5,880,853	3,028,336	3,128,263
1952 .....	3,590,783	6,538,074	2,763,492	2,847,463
1953 .....	3,841,457	7,399,884	2,769,990	3,794,083
1954 .....	3,950,422	7,094,871	2,830,945	4,204,603
1955 .....	4,667,901	8,037,153	3,039,192	4,930,626
1956 .....	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 .....	5,161,000	9,308,340	4,273,668	7,053,690

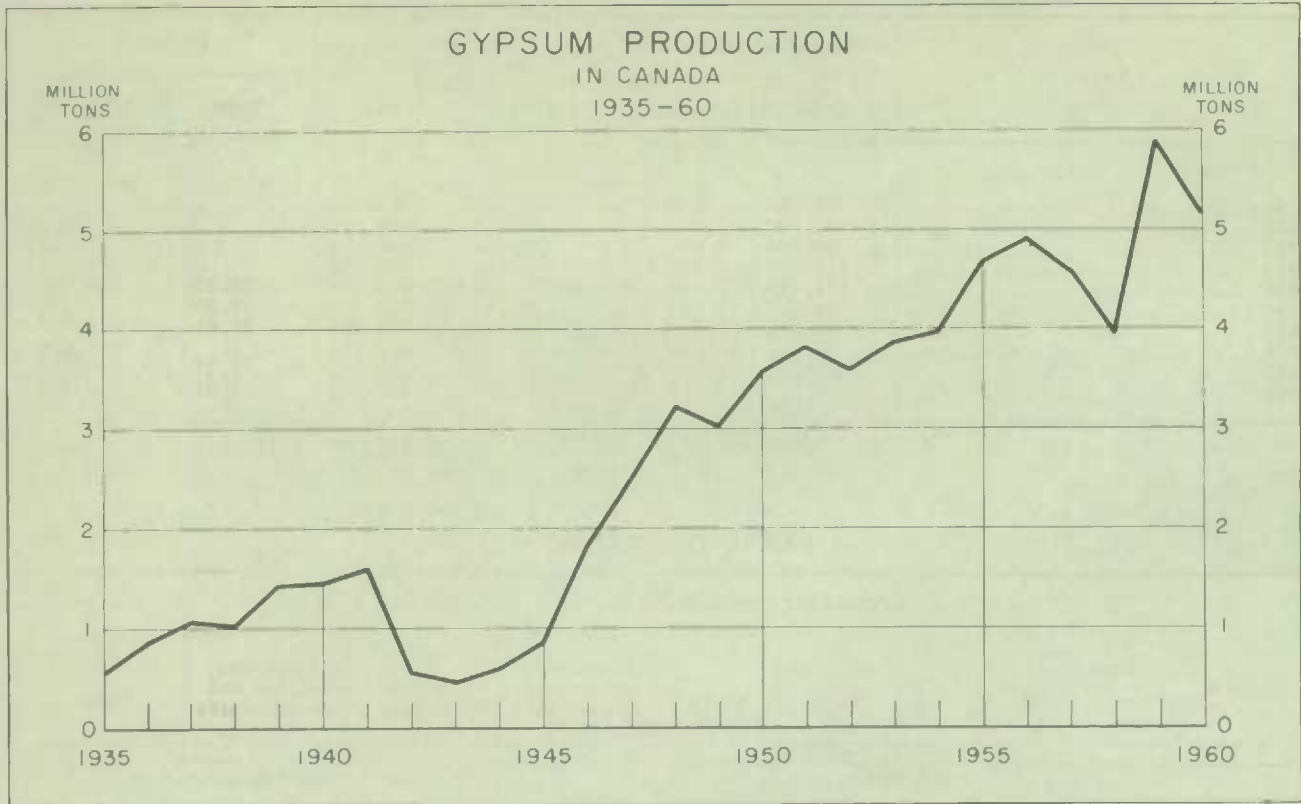


TABLE 41. IRON OXIDES

Year	Producers' shipments		Year	Producers' shipments	
	Tons	Value		Tons	Value
		\$			\$
1951 .....	13,342	262,277	1956 .....	8,803	186,225
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 .....	865	80,000

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 .....	205,000	75,850
1957 .....	5,140,257	2,827,143			

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
	\$		\$		\$
1951 .....	2,148,940	6,520	430,607	4,902	254,049
1952 .....	2,161,472	10,278	518,159	2,960	167,717
1953 .....	2,016,640	6,801	398,319	4,601	305,695
1954 .....	1,909,163	6,116	405,900	7,887	537,542
1955 .....	2,151,820	13,937	854,152	3,255	195,771
1956 .....	2,783,181	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 .....	3,301,747	24,178	1,739,577	..	..

TABLE 44. MICA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1951 .....	4,961,508	447,650	1956 .....	1,843,811	95,666
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 .....	1,270,649	88,572

TABLE 45. MINERAL WATERS

Year	Producers' shipments		Year	Producers' shipments	
	Imperial gallons	Value		Imperial gallons	Value
		\$			\$
1951 .....	325,000	146,971	1956 .....	292,526	149,867
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 .....	368,000	202,000



TABLE 46. NEPHELINE SYENITE

Year	Producers' shipments		Exports	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	81, 108	1, 114, 943	59, 777	857, 236
1952 .....	82, 681	1, 111, 950	56, 323	802, 376
1953 .....	113, 345	1, 576, 271	76, 375	1, 120, 781
1954 .....	123, 669	1, 770, 528	83, 952	1, 269, 098
1955 .....	146, 068	2, 099, 512	118, 275	1, 753, 117
1956 .....	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 .....	249, 200	3, 030, 300	193, 298	2, 373, 354

TABLE 47. PEAT MOSS

Year	Producers' shipments		Exports <sup>1</sup>	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	76, 809	2, 433, 008	71, 874	3, 073, 002
1952 .....	74, 899	2, 443, 765	68, 276	3, 127, 593
1953 .....	81, 654	2, 643, 019	73, 509	3, 289, 755
1954 .....	99, 272	3, 018, 622	87, 333	4, 499, 952
1955 .....	117, 579	3, 485, 287	102, 997	5, 388, 362
1956 .....	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 .....	182, 471	5, 850, 698	157, 490	8, 825, 540

<sup>1</sup> Peat moss and other mosses.

TABLE 48. PHOSPHATE ROCK

Year	Producers' shipments		Imports	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	6	94	499, 710	3, 178, 899
1952 .....	—	—	470, 413	3, 130, 306
1953 .....	—	—	576, 500	3, 951, 318
1954 .....	—	—	644, 860	4, 577, 633
1955 .....	—	—	588, 209	4, 512, 833
1956 .....	—	—	627, 643	5, 185, 597
1957 .....	—	—	723, 220	5, 897, 784
1958 .....	—	—	744, 164	6, 854, 243
1959 .....	—	—	797, 063	7, 468, 368
1960 .....	—	—	941, 998	8, 320, 129

TABLE 49. PYRITE, PYRRHOTITE

Year	Producers' shipments			Year	Producers' shipments		
	Gross weight	Sulphur content <sup>1</sup>	Value		Gross weight	Sulphur content <sup>1</sup>	Value
	tons		\$		tons		\$
1951 .....	444, 948	215, 363	1, 556, 510	1956 .....	1, 046, 740	473, 605	4, 538, 785
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, 004, 366	...	2, 828, 267

<sup>1</sup> Data for 1952-55 include sulphur content of acid made from roasting zinc sulphide concentrates at Arvida.

TABLE 50. QUARTZ

Year	Producers' shipments of quartz, quartzite, etc.		Exports of quartzite	
	Tons	Value	Tons	Value
		\$		\$
1951	1,904,885	2,258,468	281,379	838,227
1952	1,783,081	2,253,500	193,955	642,351
1953	1,785,574	2,070,617	200,169	674,777
1954	1,716,151	1,574,893	162,474	547,821
1955	1,869,913	2,039,575	87,622	265,374
1956	2,142,234	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	2,235,795	3,322,824	13,057	44,505

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
		\$		\$		\$		\$
1951	144	2,091	30,398	2,869,578	1,231	36,705	692,937	1,991,033
1952	261	3,512	26,174	1,980,064	481	15,653	642,880	1,772,177
1953	286	4,303	30,534	1,733,477	1,106	14,358	703,221	1,928,438
1954	590	6,350	28,412	275,205	1,219	30,996	655,863	1,883,998
1955	456	8,163	24,517	252,237	803	25,549	735,458	2,146,088
1956	562	6,572	26,892	326,620	616	15,076	840,374	2,597,302
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

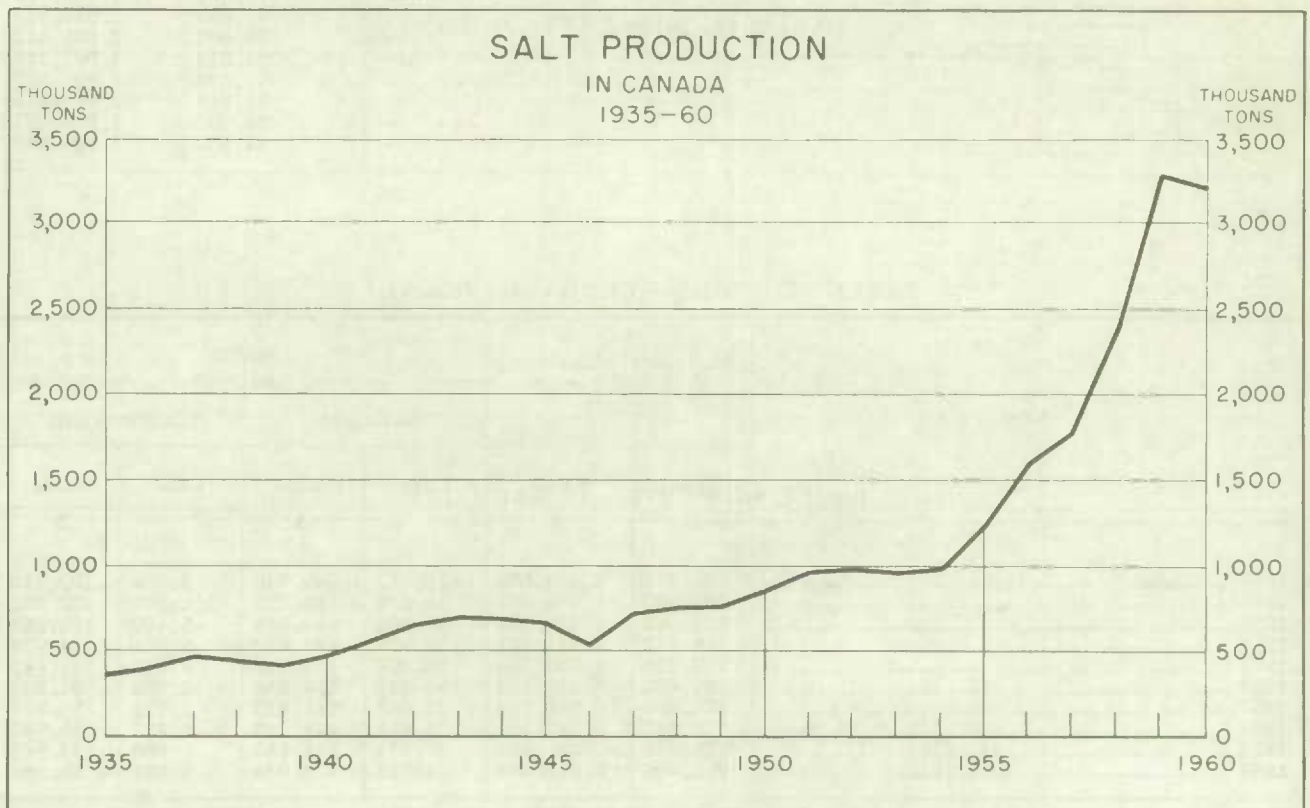


TABLE 52. SALT

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
		\$		\$		\$		\$		\$
1951 .....	964,525	7,905,977	59,080	434,381	181,067	1,155,964	18,656	362,933	4,561	62,847
1952 .....	971,903	7,774,815	69,549	400,669	183,641	1,082,334	34,902	573,809	2,844	44,631
1953 .....	954,928	6,974,501	60,121	369,042	210,826	1,115,000	36,362	531,025	2,354	32,499
1954 .....	969,887	8,340,163	58,745	315,581	270,802	1,308,995	40,841	519,134	1,199	25,935
1955 .....	1,244,761	10,122,299	49,621	299,622	279,578	1,127,418	36,017	437,133	146,472	1,000,501
1956 .....	1,590,804	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 .....	3,206,164	18,644,203	65,100	261,236	155,918	320,858	10,170	202,906	...	3,461,366

TABLE 53. SODIUM CARBONATE (Natural)

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	Value	Tons	Value
		\$		\$
1951 .....	—	—	60,093	1,577,142
1952 .....	—	—	35,680	900,968
1953 .....	—	—	110,704	3,146,748
1954 .....	—	—	93,833	2,516,720
1955 .....	—	—	118,900	3,308,412
1956 .....	—	—	134,816	4,002,140
1957 .....	—	—	91,472	2,927,367
1958 .....	—	—	33,516	1,060,915
1959 .....	—	—	33,290	1,034,707
1960 .....	—	—	44,550	1,289,909

TABLE 54. SODIUM SULPHATE (Natural)

Year	Producers' shipments of natural sodium sulphate		Imports			
			Salt cake		Glauber's salt	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1951 .....	192,371	2,383,770	19,432	340,740	3,234	102,930
1952 .....	122,590	1,708,807	19,576	313,739	4,577	122,294
1953 .....	115,565	1,681,258	32,802	516,863	5,493	150,263
1954 .....	158,417	2,385,573	30,235	482,652	5,134	144,979
1955 .....	178,888	2,799,715	29,928	574,440	3,888	131,447
1956 .....	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 .....	211,406	3,419,058	24,706	472,084	1,151	38,350



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 <sup>1</sup>	Value	Tons	Tons	Value	Tons	Value
		\$			\$		\$
1951 .....	156,427	1,564,270	—	395,928	8,959,677	178,039	1,177,151
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 <sup>2</sup> .....	236,088	2,323,590	34,784	474,117	11,857,556	...	2,649,349
1957 <sup>2</sup> .....	235,123	2,322,067	93,338	416,930	9,752,368	...	2,852,753
1958 <sup>2</sup> .....	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 .....	271,615	2,644,982	254,729	328,765	6,629,239	...	1,259,151

<sup>1</sup> Does not include in 1952-55 sulphur in acid made from roasting zinc sulphide concentrates at Arvida.

<sup>2</sup> 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 <sup>1,2</sup>		Tons	Value	Tons	Value
	Tons	Value	Tons	Value				
		\$		\$		\$		\$
1951 .....	13,698	160,540	11,148	123,084	9,283	306,277	3,743	48,857
1952 .....	12,454	149,711	12,578	130,901	8,749	276,496	3,435	44,925
1953 .....	13,310	125,209	14,098	160,546	11,867	372,628	2,937	38,193
1954 .....	13,697	169,651	14,446	165,702	12,392	397,985	3,609	48,753
1955 .....	14,591	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 .....	7,200	103,800	34,405	423,616	19,153	807,429	1,660	24,272

<sup>1</sup> Includes some low-grade talc.

<sup>2</sup> Includes pyrophyllite.

TABLE 57. TITANIUM DIOXIDE, ETC.

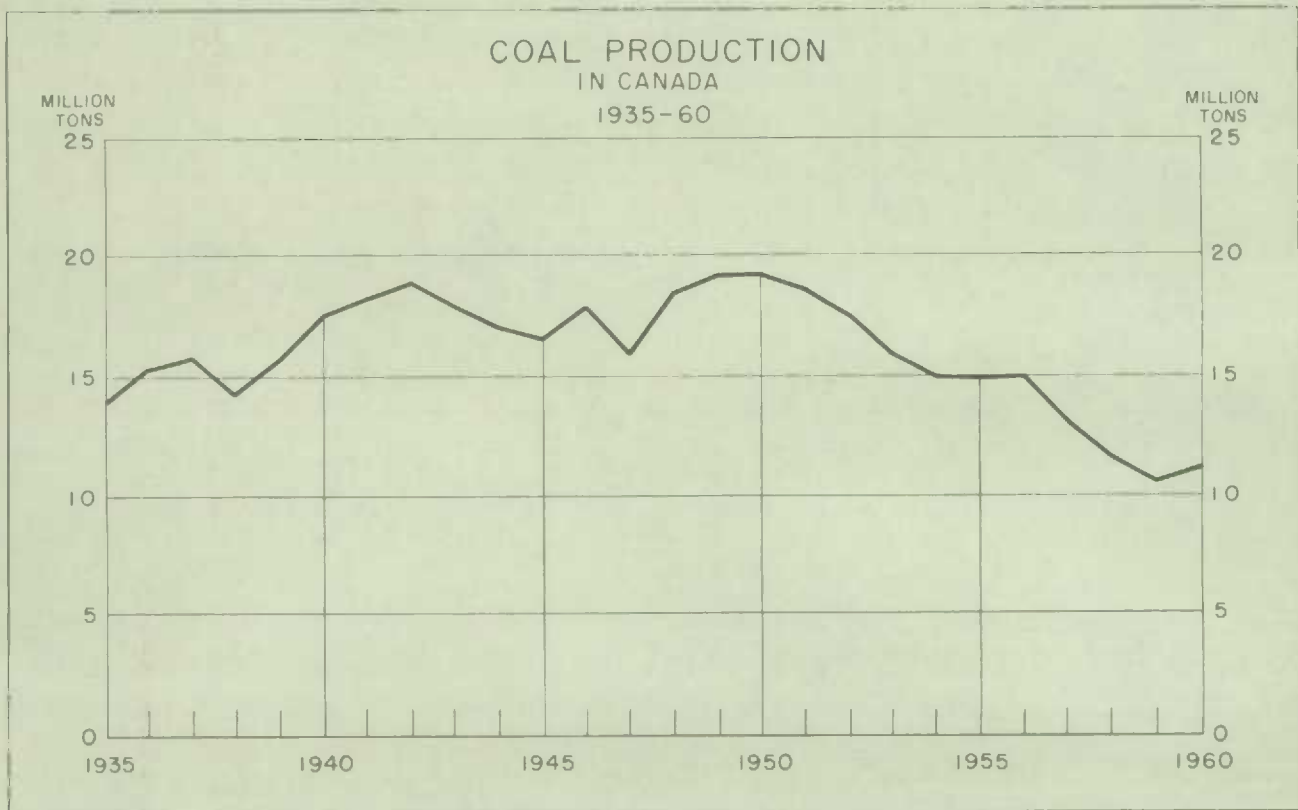
Year	Production	
	Tons	Value
		\$
1951 .....	14,123	738,577
1952 .....	30,805	1,238,103
1953 .....	100,527	4,206,496
1954 .....	88,408	3,841,270
1955 .....	117,042	5,192,810
1956 .....	157,374	7,682,911
1957 .....	186,422	9,740,570
1958 .....	...	6,575,077
1959 .....	...	8,507,149
1960 .....	...	14,257,292



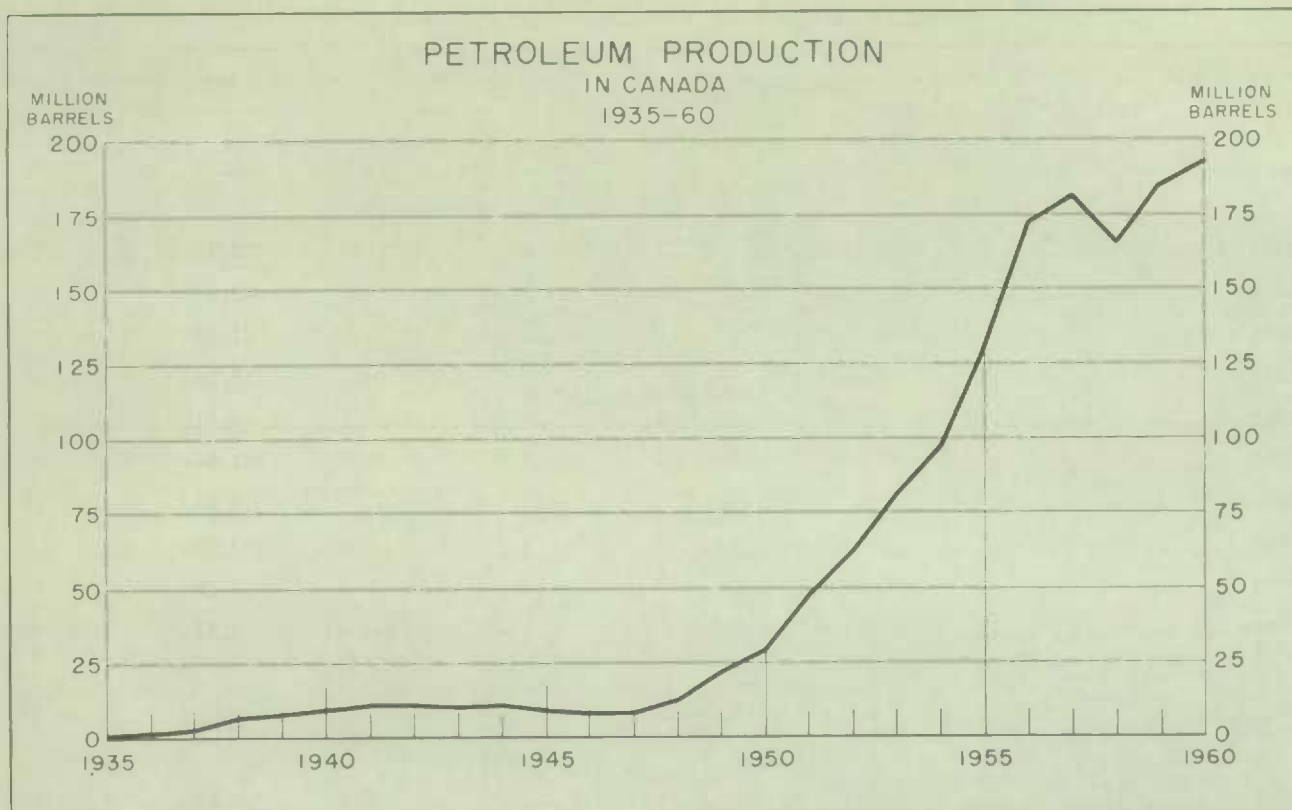
FUELS

TABLE 58. COAL

Year	Production		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1951 .....	18,586,823	109,038,835	26,971,572	170,151,246	419,981	3,448,005
1952 .....	17,579,002	111,026,149	25,088,450	152,538,874	388,960	3,203,522
1953 .....	15,900,673	102,721,875	23,265,541	136,567,453	255,274	1,999,908
1954 .....	14,913,579	96,600,266	18,708,152	106,378,808	219,346	1,716,435
1955 .....	14,818,880	93,579,471	19,742,531	106,550,922	592,782	4,870,598
1956 .....	14,915,610	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 .....	11,226,420	76,059,631	13,864,846	76,814,031	852,921	6,789,163







**TABLE 61. Crude Petroleum Production, by Provinces**

Year	New Brunswick		Ontario		Manitoba		Saskatchewan	
	Barrels	Value	Barrels	Value	Barrels	Value	Barrels	Value
		\$		\$		\$		\$
1951	15,551	21,771	197,171	677,905	10,698	26,478	1,249,281	1,659,045
1952	14,237	19,932	191,814	641,037	104,826	229,299	1,696,505	2,256,352
1953	14,738	20,633	299,685	994,835	653,514	1,714,806	2,797,888	3,833,107
1954	13,046	18,265	412,474	1,391,687	2,148,184	5,619,649	5,422,899	8,183,304
1955	12,548	17,567	525,510	1,599,335	4,145,756	9,618,154	11,317,168	18,317,968
1956	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	14,250	19,950	1,005,000	2,763,750	4,718,000	10,615,000	53,000,000	106,000,000
	Alberta		British Columbia		Northwest Territories		Canada	
1951	45,915,384	113,870,152	—	—	227,449	399,887	47,615,534	116,655,238
1952	58,915,723	139,512,432	—	—	314,217	379,160	61,237,322	143,038,212
1953	76,816,383	193,761,644	—	—	316,689	257,251	80,898,897	200,582,276
1954	87,713,855	228,319,165	—	—	369,887	344,960	96,080,345	243,877,030
1955	113,035,046	274,901,232	—	—	404,219	1,185,780	129,440,247	305,640,036
1956	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	132,100,000	310,435,000	950,000	1,730,000	521,000	932,000	192,308,250	432,495,700

## CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

TABLE 62. CLAY PRODUCTS

Year	Producers' shipments	Year	Producers' shipments
	\$		\$
1951.....	23,527,656	1956.....	37,784,980
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.....	40,042,494

TABLE 63. CEMENT

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1951.....	2,976,367	40,446,288	407,300	7,447,859	453	12,386
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 <sup>1</sup>	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.....	5,697,859	91,111,862	22,478	728,051	181,117	2,821,007

<sup>1</sup> 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
		\$		\$		\$		\$
1951.....	—	—	—	—	1,234,653	16,633,377	952,668	12,494,677
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.....	90,000	1,647,000	167,825	2,618,000	1,835,569	26,741,191	1,945,960	29,661,771
	Manitoba		Saskatchewan		Alberta		British Columbia	
1951.....	269,432	4,108,752	—	—	288,734	3,898,043	231,880	3,311,439
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	—	—	534,240	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.....	426,475	8,042,000	170,625	4,237,000	677,075	11,827,000	384,330	6,337,900



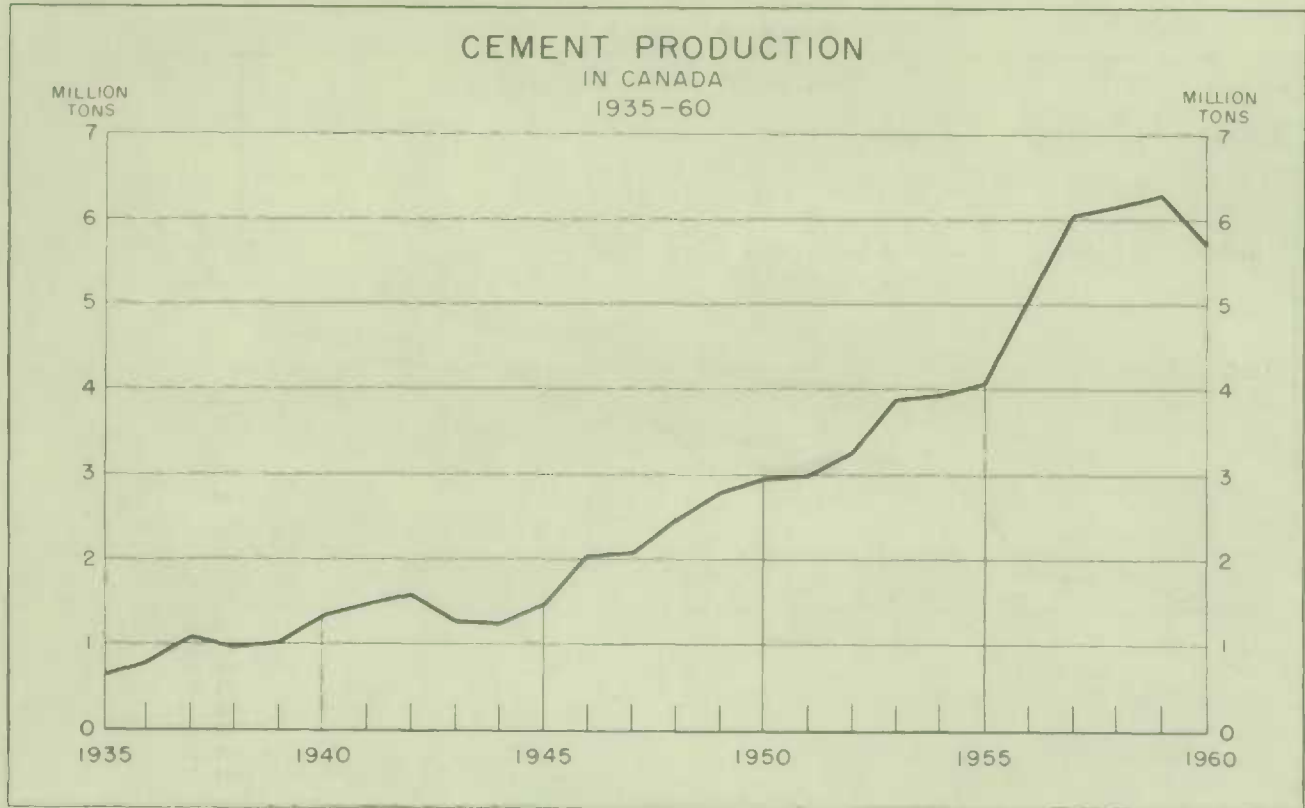
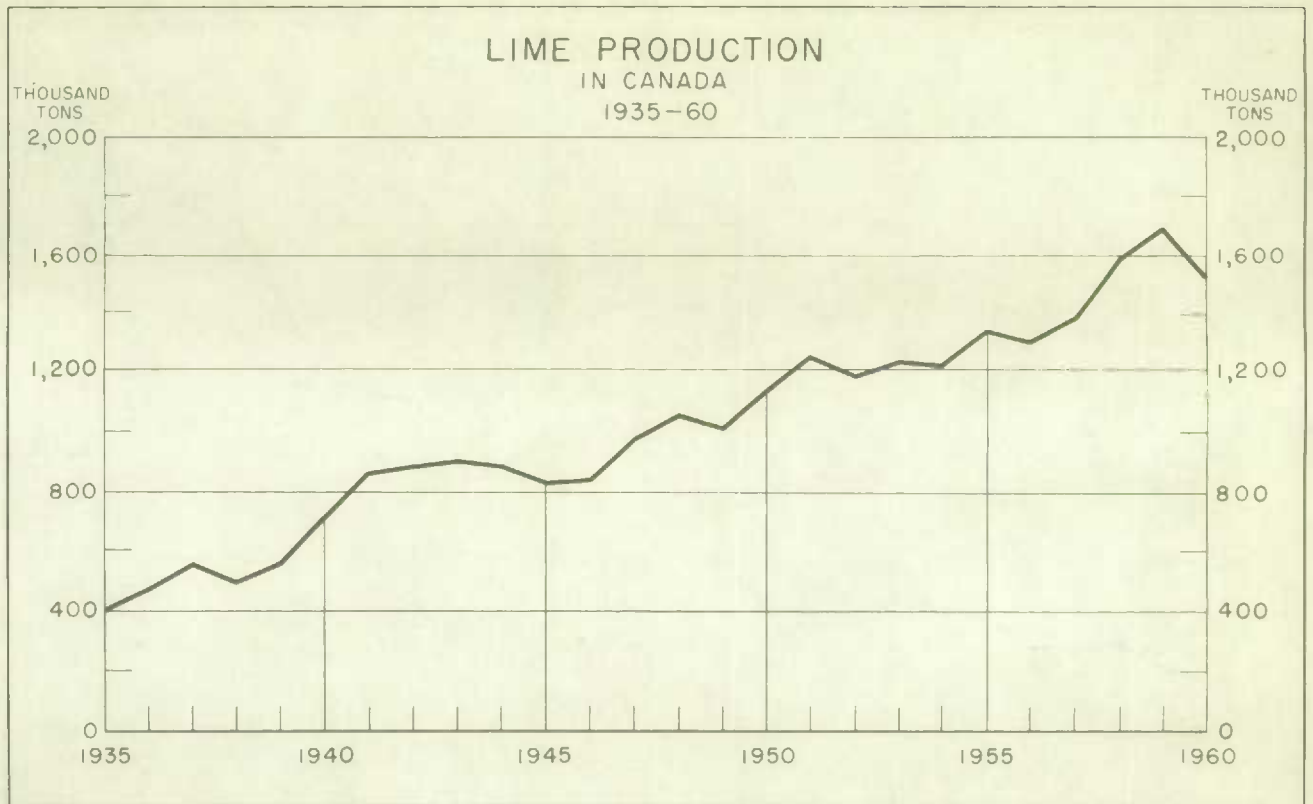


TABLE 65. LIME

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 .....	...	...	...	...	1,533,673	17,037,970

**TABLE 66. SAND AND GRAVEL**

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1951 .....	92,972,821	44,627,559	1956 .....	148,801,268	81,957,352
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	58,987,871	1959 .....	185,123,746	104,651,461
1955 .....	127,524,474	67,775,053	1960 .....	189,961,321	110,086,610

**TABLE 67. STONE**

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1951 .....	18,676,706	28,649,768	1956 .....	33,257,318	48,809,918
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 .....	43,404,986	56,678,812



STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010687403