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PRELIMINARY REPORT OF
MINERAL PRODUCTION

1967

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Manufacturing and Primary Industries Division

PRELIMINARY REPORT OF MINERAL PRODUCTION
1967

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SUMMARY

Shipments of Canadian minerals were greater in 1967 than ever. According to an estimate prepared by the Dominion Bureau of Statistics, Ottawa, the total value of minerals exceeded \$4.40 billion, compared with \$3.97 billion in 1966, an increase of 10 per cent. The leading commodities were: crude petroleum, \$886 million; copper, \$563 million; nickel, \$467 million; iron ore \$455 million; zinc, \$314 million and natural gas, \$198 million.

The value of ores, concentrates, bullion and metals shipped by the metal mines exceeded \$2,243 million. An increase in the quantity and price of copper brought the value to more than \$563 million. Nickel, in all forms, amounted to more than 250,000 tons. New iron mines were brought into production as the old mines were closed. The total tonnage exceeded 41 million. Producers' shipments of lead, in all forms, were more than 321,000 tons. Over \$63 million worth of silver was shipped. Gold output continued to decline. With a production of more than a million tons of zinc Canada remained in first position in the world output of that metal. Yttrium salts which are by-products of the uranium mines, were used in the production of color television tubes.

During 1967 the shipments of non-metallic minerals were valued at \$414 million. Asbestos tonnage declined as the market demand for short fibers lessened. The total value of asbestos remained at the \$163 million level. Both tonnage and value of gypsum declined in 1967. Saskatchewan potash (K_2O equivalent) which exceeded 2.5 million tons was valued at \$77 million. The world demand for sulphur forced the price upward. The value of sulphur from sour gas in the western provinces

amounted to \$70 million. Dry salt and salt in brine was worth \$28 million. A new plant in Saskatchewan contributed to \$6.6 million worth of natural sodium sulphate.

Mineral or fossil fuels rose by 11 per cent to reach \$1,277 million in value. Coal production continued at about the same level as in the previous years. The utilized natural gas was nearly 1.5 trillion cubic feet. Over \$108 million worth natural gas by-products were produced. These included propane, butane, etc. Crude petroleum volume was estimated at 352 million barrels.

Structural materials were valued at \$469 million in 1967, compared with \$474 million in the preceding year. Cement shipments declined markedly in Quebec and Ontario where the construction programs were reduced. The labor strike in the Toronto area decreased the consumption of cement. Lime output was less than in 1966. Products made from domestic clay, which included brick, tile, flue linings, sewer pipe and pottery were valued at \$43.5 million. Stone, sand and gravel used for roads, concrete aggregate etc. were worth \$262 million.

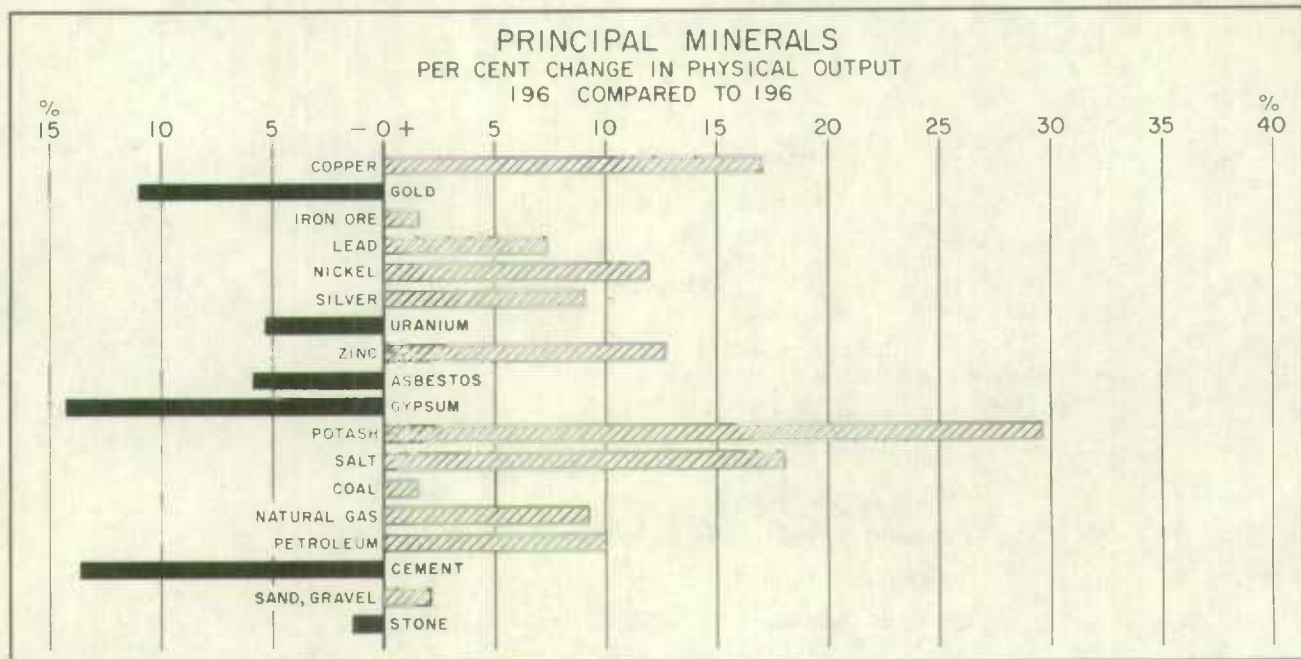
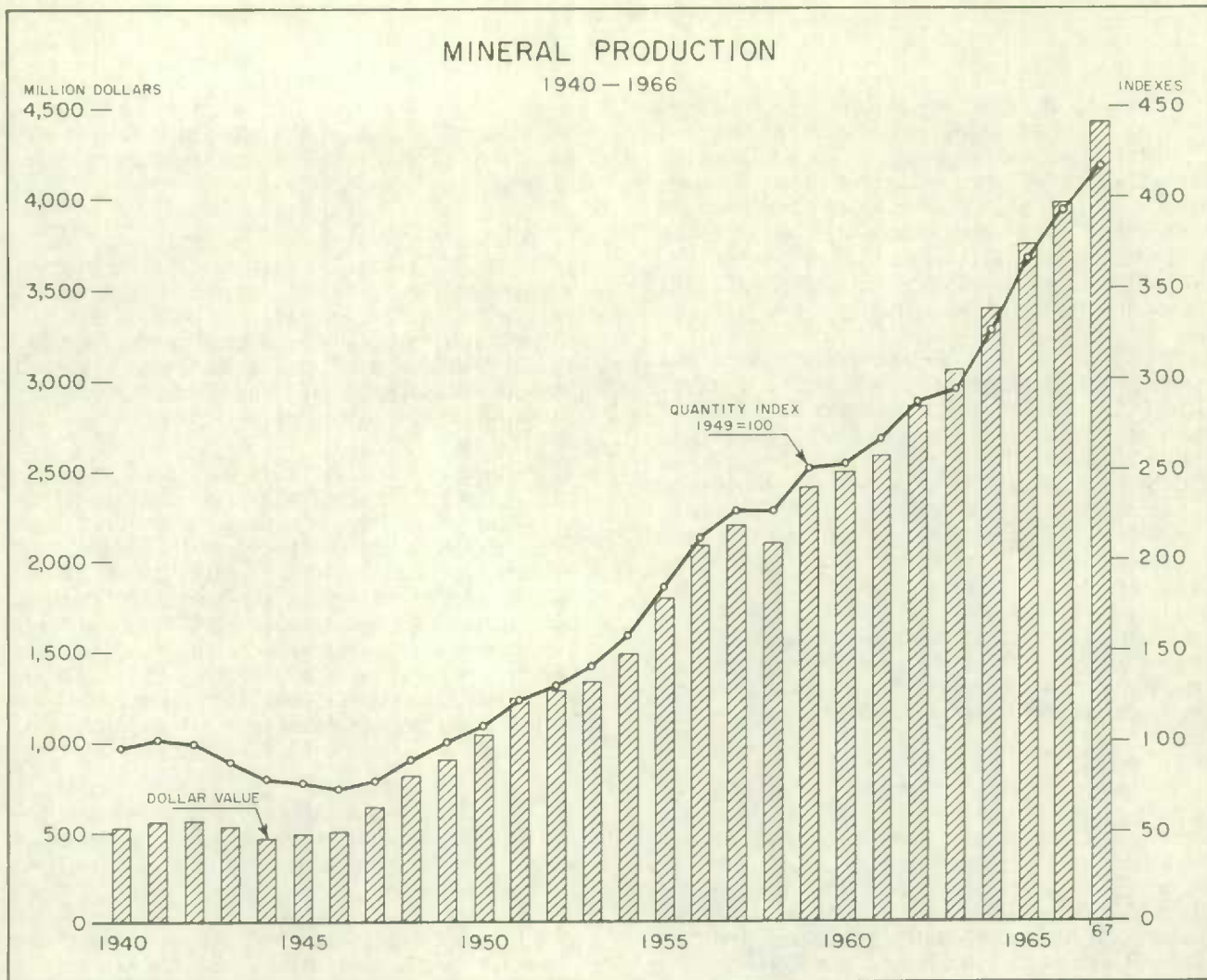
Note: All 1967 figures in this report are preliminary and are subject to revision upon receipt of more complete data. Figures for the earlier years have been revised.

Data on imports and exports were taken from "Imports by Commodities", DBS Catalogue No. 65-007, "Exports by Commodities", DBS Catalogue No. 65-004.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- ^P preliminary figures.
- r revised figures.



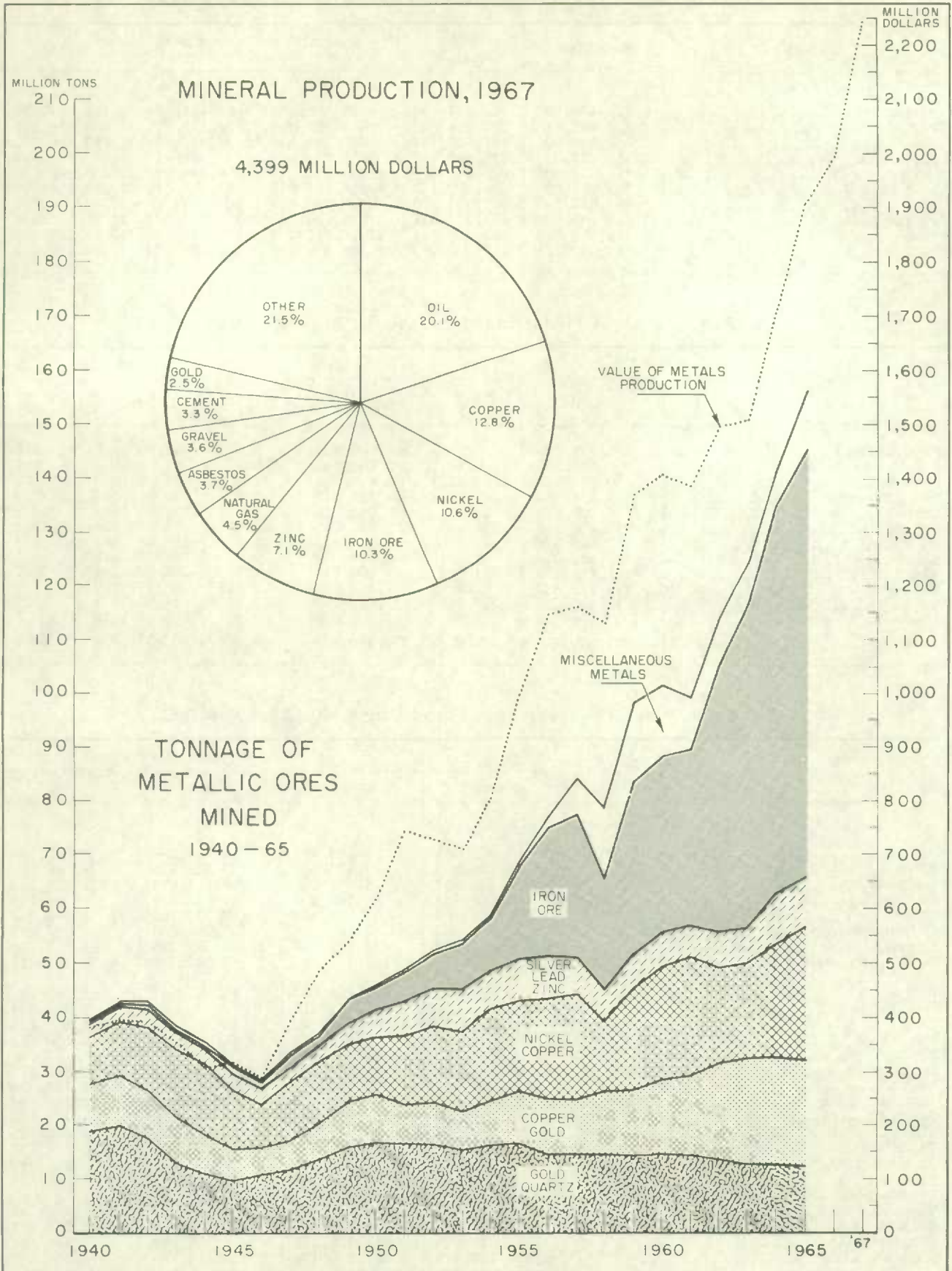


TABLE 1. Value of Mineral Production of Canada, by Classes, 1958-67

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	Total
dollars					
1958	1,130,160,395	150,354,802	510,768,681	309,455,160	2,100,739,038
1959	1,370,648,535	178,216,641	535,577,823	324,577,512	2,409,020,511
1960	1,406,558,061	197,505,783	565,851,829	322,594,308	2,492,509,981
1961	1,387,159,036	210,467,786	653,327,802	331,345,763	2,582,300,387
1962	1,496,433,950	217,453,009	780,932,387	356,166,833	2,850,986,179
1963	1,509,536,931	253,452,413	908,428,087	379,011,116	3,050,428,547
1964	1,701,648,538	287,497,000	998,767,672	403,058,324	3,390,971,534
1965	1,907,575,899	327,238,901	1,076,494,117	434,161,904	3,745,470,821
1966 ^f	1,984,672,572	363,387,717	1,150,611,731	474,108,899	3,972,780,919
1967	2,243,392,166	414,006,283	1,276,950,500	469,230,123	4,403,579,072

TABLE 2. Mineral Production of Canada, by Province, 1965-67

Province	1965		1966 ^f		1967	
	Dollars	Per cent	Dollars	Per cent	Dollars	Per cent
Newfoundland	207,557,627	5.5	244,020,086	6.1	259,838,940	5.9
Prince Edward Island	599,387	0.1	2,756,780	0.1	1,704,000	0.1
Nova Scotia	70,771,827	1.9	85,416,974	2.2	79,380,243	1.3
New Brunswick	82,158,352	2.2	90,221,237	2.3	89,863,348	2.0
Quebec	715,900,973	19.1	762,944,986	19.2	736,033,010	16.7
Ontario	992,788,746	26.5	957,857,765	24.1	1,193,036,824	27.1
Manitoba	182,865,972	4.8	179,241,152	4.5	186,591,861	4.2
Saskatchewan	328,167,375	8.8	349,303,729	8.8	369,695,836	8.4
Alberta	794,170,720	21.2	846,678,642	21.3	996,833,364	22.7
British Columbia	279,632,889	7.5	331,143,633	8.3	360,830,137	8.2
Yukon	13,400,535	0.3	11,975,757	0.3	14,700,071	0.3
Northwest Territories	77,456,418	2.1	111,220,178	2.8	115,071,438	2.6
Totals	3,745,470,821	100.0	3,972,780,919	100.0	4,403,579,072	100.0

TABLE 3. Mineral Production of Canada, by Kinds, 1966 and 1967

	1966 ^f		1967		
	Quantity	Value	Quantity	Value	
Metallics					
dollars					
Antimony	lb.	1,405,681	745,011	1,243,000	658,790
Bismuth	"	525,659	1,971,886	542,336	2,040,558
Cadmium	"	3,236,862	8,351,103	4,771,677	13,385,156
Calcium	"	249,179	245,125	622,237	591,125
Cobalt	"	3,511,169	7,107,963	3,305,709	6,796,800
Columbium (Cb ₂ O ₅)	"	2,637,997	3,182,170	2,207,000	2,627,000
Copper	"	1,012,152,458	453,523,980	1,184,598,295	563,513,408
Gold	troy oz.	3,319,474	125,177,364	2,953,198	111,483,225
Indium	"	..	..	..	..
Iron ore	ton	40,690,723	431,659,083	41,303,421	455,242,942
Iron, remelt	"	..	17,421,215	..	18,332,344
Lead	lb.	601,244,120	89,827,072	643,125,137	90,057,520
Magnesium	"	13,445,701	4,175,743	17,369,240	4,950,233
Mercury	"	..	..	..	..
Molybdenum	"	20,596,044	34,670,593	21,223,907	37,873,670
Nickel	"	447,219,823	377,479,471	500,359,642	467,196,178
Platinum, group	troy oz.	396,059	32,370,064	403,270	34,586,996
Selenium	lb.	575,482	2,791,087	752,221	3,467,155
Silver	troy oz.	33,417,874	46,751,605	36,426,079	63,094,821
Tellurium	lb.	72,239	469,553	82,098	530,379
Thorium (ThO ₂)	"	87,393	210,528	117,388	222,983
Tin	"	710,752	916,870	531,500	908,865
Titanium ore	ton	..	..	..	..
Tungsten (WO ₃)	lb.	..	..	..	..
Uranium (U ₁₀₈)	"	7,863,690	54,334,787	7,448,471	49,237,508
Yttrium (Y ₂ O ₃)	"	20,724	130,223	160,078	1,689,864
Zinc	"	1,928,212,425	291,160,076	2,173,114,184	314,904,646
Total metallics	...	...	1,984,672,572	...	2,243,392,166

TABLE 3. Mineral Production of Canada, by Kinds, 1966 and 1967 - Concluded

	1966		1967	
	Quantity	Value dollars	Quantity	Value dollars
Non-metallics				
Arsenious oxide	lb. 701,537	35,610	600,000	27,000
Asbestos	ton 1,489,055	163,654,863	1,400,708	163,011,249
Barite	" 221,376	2,199,054	199,576	2,061,735
Diatomite	" 70	3,755	..	..
Feldspar	" 10,924	254,714	10,555	264,527
Fluorspar	" ..	1,895,754	..	2,099,720
Gem stones	lb. 11,633	13,225	4,230	23,060
Grindstone	ton 5	1,500	10	3,000
Gypsum	" 5,976,164	12,312,220	5,119,955	10,761,535
Helium	Mcf. ..	..	..	..
Iron oxides	ton 390	10,199	700	28,000
Lithia	lb. 253,566	260,611	564,977	266,226
Magnesitic dolomite, brucite	ton ..	3,948,599	..	3,441,405
Mica	lb. 540,720	18,415	..	..
Nepheline syenite	ton 366,696	4,109,744	406,298	4,349,320
Nitrogen	Mcf. ..	..	..	..
Peat Moss	ton 284,572	7,187,254	277,163	7,362,857
Potash, (K ₂ O)	" 1,990,053	62,664,666	2,578,200	77,346,000
Pyrite, pyrrhotite	" 326,954	1,139,141	375,390	1,689,566
Quartz	" 2,299,660	5,514,041	2,234,330	5,527,745
Salt	" 4,492,034	23,846,188	5,301,958	28,622,306
Soapstone and talc (1)	" 70,144	1,036,450	59,400	919,000
Sodium sulphate	" 405,314	6,471,795	425,033	6,615,494
Sulphur, in smelter gas	" 500,338	6,050,750	482,614	5,860,631
Sulphur, elemental	" 2,041,528	40,253,685	2,322,223	70,021,487
Titanium dioxide, etc.	" ..	20,505,484	..	23,704,420
Total non-metallics .....	...	363,387,717	...	414,006,283
Mineral fuels				
Coal	ton 11,391,569	81,559,794	11,557,000	83,621,000
Natural gas	Mcf. 1,341,833,195	177,631,340	1,465,371,500	198,228,000
Nat. gas By-products	bbl. ..	99,908,218	..	108,617,000
Petroleum, crude	" 320,542,794	791,512,379	352,526,000	886,484,500
Total fuels .....	...	1,150,611,731	...	1,276,950,500
Structural materials				
Clay products (brick, tile, etc.) .....	...	42,956,085	...	43,549,419
Cement	ton 8,930,552	156,300,622	7,714,356	146,401,454
Lime	" 1,555,037	18,339,724	1,354,263	16,737,960
Sand and gravel	" 217,238,710	151,525,102	221,903,000	158,129,000
Stone	" 82,874,387	104,987,366	83,652,759	104,412,290
Total structural materials .....	...	474,108,899	...	469,230,123
Grand total .....	...	3,972,780,919	...	4,403,579,072

¹ Includes pyrophyllite.

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Province, 1967

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2	.....	\$	—	—	—	—
3	Bismuth	lb.	—	—	—	517,460
4	.....	\$	—	—	—	1,933,343
5	Cadmium	lb.	—	—	52,412	377,280
6	.....	\$	—	—	146,753	1,069,270
7	Calcium	lb.	—	—	—	—
8	.....	\$	—	—	—	—
9	Cobalt	lb.	—	—	—	30,000
10	.....	\$	—	—	—	64,800
11	Columbium (Cb ₂ O ₅)	lb.	—	—	—	2,207,000
12	.....	\$	—	—	—	2,627,000
13	Copper	lb.	39,378,825	—	80,587	11,216,055
14	.....	\$	18,732,507	—	38,335	5,335,477
15	Gold	oz.	24,497	—	—	1,632
16	.....	\$	924,762	—	—	61,608
17	Indium	oz.	—	—	—	—
18	.....	\$	—	—	—	—
19	Iron ore	ton	16,270,000	—	—	—
20	.....	\$	203,874,800	—	—	—
21	Iron, remelt	ton	—	—	—	—
22	.....	\$	—	—	—	18,332,344
23	Lead	lb.	47,000,300	—	785,018	90,722,800
24	.....	\$	6,580,042	—	109,903	12,701,192
25	Magnesium	lb.	—	—	—	—
26	.....	\$	—	—	—	—
27	Mercury	lb.	—	—	—	—
28	.....	\$	—	—	—	—
29	Molybdenum	lb.	—	—	—	3,728,298
30	.....	\$	—	—	—	6,575,733
31	Nickel	lb.	—	—	—	3,358,400
32	.....	\$	—	—	—	3,170,330
33	Platinum group	oz.	—	—	—	—
34	.....	\$	—	—	—	—
35	Selenium	lb.	—	—	—	517,425
36	.....	\$	—	—	—	2,328,400
37	Silver	oz.	1,056,734	—	89,238	2,785,198
38	.....	\$	1,832,377	—	154,739	4,829,533
39	Tellurium	lb.	—	—	—	—
40	.....	\$	—	—	—	61,755
41	Thorium	lb.	—	—	—	401,400
42	.....	\$	—	—	—	—
43	Tin	lb.	—	—	—	—
44	.....	\$	—	—	—	—
45	Titanium ore	lb.	—	—	—	—
46	.....	\$	—	—	—	—
47	Tungsten (WO ₃)	lb.	—	—	—	—
48	.....	\$	—	—	—	—
49	Uranium (U ₃ O ₈)	lb.	—	—	—	—
50	.....	\$	—	—	—	—
51	Yttrium (Y ₂ O ₃)	lb.	—	—	—	—
52	.....	\$	—	—	—	—
53	Zinc	lb.	68,200,000	—	91,120	307,441,082
54	.....	\$	9,882,180	—	13,203	44,548,213
55	Total metals	\$	241,826,668	—	316,180	67,622,776
Non-metallics						
56	Arsenious oxide	lb.	—	—	—	—
57	.....	\$	—	—	—	—
58	Asbestos	ton	63,000	—	—	1,260,468
59	.....	\$	10,234,000	—	—	138,828,849
60	Barite	ton	—	—	172,000	—
61	.....	\$	—	—	1,522,000	—
62	Diatomite	ton	—	—	—	—
63	.....	\$	—	—	—	—
64	Feldspar	ton	—	—	—	10,555
65	.....	\$	—	—	—	264,527
66	Fluorspar	ton	—	—	—	—
67	.....	\$	2,097,390	—	—	—
68	Gem stones	lb.	—	—	—	—
69	.....	\$	—	—	—	—

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Province, 1967

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	1,243,000	—	—	1,243,000	1
—	—	—	—	658,790	—	—	658,790	2
—	—	—	—	24,876	—	—	542,336	3
—	—	—	—	107,215	—	—	2,040,558	4
1,874,980	202,821	134,032	—	1,076,479	53,673	1,000,000	4,771,677	5
5,261,520	567,898	375,290	—	3,014,141	150,284	2,800,000	13,385,156	6
622,237	—	—	—	—	—	—	622,237	7
591,125	—	—	—	—	—	—	591,125	8
2,607,059	668,650	—	—	—	—	—	3,305,709	9
5,313,400	1,418,600	—	—	—	—	—	6,796,800	10
—	—	—	—	—	—	—	2,207,000	11
—	—	—	—	—	—	—	2,627,000	12
539,709,835	58,918,897	45,476,123	—	163,840,949	7,350,000	452,000	1,184,598,295	13
256,739,969	28,027,719	21,632,992	—	77,939,139	3,496,395	215,016	563,513,408	14
1,492,620	51,969	49,721	130	114,708	17,474	362,675	2,953,198	15
56,346,405	1,961,830	1,876,968	4,907	4,330,227	659,644	13,690,981	111,483,225	16
—	—	—	—	—	—	—	—	17
—	—	—	—	—	—	—	—	18
8,401,244	—	—	—	2,114,177	—	—	41,303,421	19
95,188,494	—	—	—	20,704,809	—	—	455,242,942	20
—	—	—	—	—	—	—	—	21
—	—	—	—	—	—	—	18,332,344	22
10,109,350	3,852,679	2,000,000	—	204,663,141	14,801,171	265,000,000	643,125,137	23
1,415,309	539,375	280,000	—	28,652,840	2,092,164	37,100,000	90,057,520	24
17,369,240	—	—	—	—	—	—	17,369,240	25
4,950,233	—	—	—	—	—	—	4,950,233	26
—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	28
—	—	—	—	17,495,609	—	—	21,223,907	29
—	—	—	—	31,297,937	—	—	37,873,670	30
381,367,642	111,085,600	324,000	—	4,224,000	—	—	500,359,642	31
354,904,736	104,827,800	305,856	—	3,987,456	—	—	467,196,178	32
402,200	—	1,070	—	—	—	—	403,270	33
34,514,821	—	72,175	—	—	—	—	34,586,996	34
133,300	46,865	54,631	—	—	—	—	752,221	35
646,500	227,295	264,960	—	—	—	—	3,467,155	36
15,582,832	647,824	642,272	12	5,492,062	3,769,533	1,439,124	36,426,079	37
27,020,631	1,123,327	1,113,700	21	9,523,235	6,468,370	2,495,441	63,094,821	38
6,500	6,391	7,452	—	—	—	—	82,098	39
39,000	41,541	48,438	—	—	—	—	530,379	40
117,388	—	—	—	—	—	—	117,388	41
222,983	—	—	—	—	—	—	222,983	42
—	—	—	—	531,500	—	—	531,500	43
—	—	—	—	908,865	—	—	908,865	44
—	—	—	—	—	—	—	—	45
—	—	—	—	—	—	—	—	46
—	—	—	—	—	—	—	—	47
—	—	—	—	—	—	—	—	48
5,448,471	—	2,000,000	—	—	—	—	7,448,471	49
39,237,508	—	10,000,000	—	—	—	—	49,237,508	50
160,078	—	—	—	—	—	—	160,078	51
1,689,864	—	—	—	—	—	—	1,689,864	52
545,474,529	71,258,120	60,409,152	—	225,532,764	8,825,492	400,000,000	2,173,114,184	53
79,039,259	10,325,302	8,753,286	—	32,679,698	1,299,214	57,960,000	314,904,646	54
963,121,757	149,060,687	44,723,665	4,928	213,804,352	14,166,071	114,261,438	2,243,392,166	55
600,000	—	—	—	—	—	—	600,000	56
27,000	—	—	—	—	—	—	27,000	57
1,600	—	—	—	72,640	3,000	—	1,400,708	58
70,400	—	—	—	13,365,000	513,000	—	163,011,249	59
—	—	—	—	27,576	—	—	199,576	60
—	—	—	—	539,735	—	—	2,061,735	61
—	—	—	—	—	—	—	—	62
—	—	—	—	—	—	—	—	63
—	—	—	—	—	—	—	10,555	64
—	—	—	—	—	—	—	264,527	65
—	—	—	—	—	—	—	—	66
—	—	—	—	2,330	—	—	2,099,720	67
—	—	—	—	4,230	—	—	4,230	68
—	—	—	—	23,060	—	—	23,060	69

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Province, 1967 - Concluded

No.		Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	
Non-metallics - Concluded							
1	Grindstone	ton	-	-	10	-	
2	\$	-	-	-	3,000	-	
3	Gypsum	ton	374,672	-	3,727,829	87,234	
4	\$	936,680	-	7,100,355	244,990	-	
5	Helium	Mcf.	-	-	-	-	
6	\$	-	-	-	-	-	
7	Iron oxide	ton	-	-	-	700	
8	\$	-	-	-	-	28,000	
9	Lithia	lb.	-	-	-	564,977	
10	\$	-	-	-	-	266,226	
11	Magnesitic dolomite and brucite	ton	-	-	-	..	
12	\$	-	-	-	-	3,441,405	
13	Mica	lb.	-	-	-	..	
14	\$	-	-	-	-	..	
15	Nepheline syenite	ton	-	-	-	-	
16	\$	-	-	-	-	-	
17	Nitrogen	Mcf.	-	-	-	-	
18	\$	-	-	-	-	-	
19	Peat moss	ton	-	-	65,601	108,000	
20	\$	-	-	-	1,542,700	2,235,000	
21	Potash (K ₂ O)	ton	-	-	-	-	
22	\$	-	-	-	-	-	
23	Pyrite, pyrrhotite	ton	-	-	-	..	
24	\$	-	-	-	-	1,530,566	
25	Quartz	ton	-	9,000	-	550,000	
26	\$	-	-	47,500	-	3,350,000	
27	Salt	ton	-	470,950	-	-	
28	\$	-	-	4,152,500	-	-	
29	Soapstone, talc, pyrophyllite	ton	30,000	-	-	15,800	
30	\$	450,000	-	-	-	229,000	
31	Sodium sulphate	ton	-	-	-	-	
32	\$	-	-	-	-	-	
33	Sulphur, in smelter gas	ton	683	-	23,885	73,621	
34	\$	5,976	-	-	310,505	644,184	
35	Sulphur, elemental	ton	-	-	-	-	
36	\$	-	-	-	-	-	
37	Titanium dioxide, etc.	ton	-	-	-	..	
38	\$	-	-	-	-	23,704,420	
39	Total non-metallics	\$	13,724,046	-	12,822,355	2,101,195	174,522,177
Fuels							
40	Coal	ton	-	3,775,000	857,000	-	
41	\$	-	-	52,042,000	7,660,000	-	
42	Natural gas	Mcf.	-	-	104,000	61,000	
43	\$	-	-	-	88,500	8,000	
44	Natural gas by-products	bbbl.	-	-	-	-	
45	\$	-	-	-	-	-	
46	Petroleum, crude	bbbl.	-	-	9,000	-	
47	\$	-	-	-	27,000	-	
48	Total fuels	\$	-	52,042,000	7,775,500	8,000	
Structural materials							
49	Clay products	\$	281,000	-	1,373,333	568,991	7,139,284
50	Cement	ton	90,003	-	196,113	228,214	2,207,966
51	\$	1,532,526	-	3,517,110	4,042,648	41,804,530	
52	Lime	ton	-	-	-	3,172	309,568
53	\$	-	-	-	79,420	3,548,900	
54	Sand and gravel	ton	2,543,000	950,000	5,760,000	8,390,000	45,650,000
55	\$	2,380,000	1,404,000	7,630,000	4,450,000	21,350,000	
56	Stone	ton	77,600	300,000	603,116	3,573,497	48,849,204
57	\$	94,700	300,000	1,679,265	3,222,818	53,176,475	
58	Total structural materials	\$	4,288,226	1,704,000	14,199,708	12,363,877	127,019,189
59	Grand total 1967	\$	259,838,940	1,704,000	79,380,243	89,863,348	736,033,010
60	Grand total 1966	\$	244,020,086	2,756,780	85,416,974	90,221,237	762,944,986

TABLE 4. Preliminary Estimate of the Mineral Production of Canada, by Province, 1967 - Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.	
-	-	-	-	-	-	-	10	1	
-	-	-	-	-	-	-	3,000	2	
571,450	133,770	-	-	225,000	-	-	5,119,955	3	
1,451,000	353,510	-	-	675,000	-	-	10,761,535	4	
-	-	..	-	-	-	-	..	5	
-	-	..	-	-	-	-	..	6	
-	-	-	-	-	-	-	700	7	
-	-	-	-	-	-	-	28,000	8	
-	-	-	-	-	-	-	564,977	9	
-	-	-	-	-	-	-	266,226	10	
-	-	-	-	-	-	-	..	11	
-	-	-	-	-	-	-	3,441,405	12	
-	-	-	-	-	-	-	..	13	
-	-	-	-	-	-	-	..	14	
406,298	-	-	-	-	-	-	406,298	15	
4,349,320	-	-	-	-	-	-	4,349,320	16	
-	-	..	-	-	-	-	..	17	
-	-	..	-	-	-	-	..	18	
10,484	19,304	300	7,578	65,896	-	-	277,163	19	
68,000	733,552	12,000	222,784	2,548,821	-	-	7,362,857	20	
-	-	2,578,200	-	-	-	-	2,578,200	21	
-	-	77,346,000	-	-	-	-	77,346,000	22	
-	-	-	-	-	-	-	375,390	23	
-	-	-	-	159,000	-	-	1,689,566	24	
1,011,528	456,000	151,000	2,530	54,272	-	-	2,234,330	25	
410,269	1,181,160	120,800	53,200	364,816	-	-	5,527,745	26	
4,579,913	25,800	91,145	134,150	-	-	-	5,301,958	27	
20,240,156	647,000	1,671,000	1,911,650	-	-	-	28,622,306	28	
13,600	-	-	-	-	-	-	59,400	29	
240,000	-	-	-	-	-	-	919,000	30	
-	-	425,033	-	-	-	-	425,033	31	
-	-	6,615,494	-	-	-	-	6,615,494	32	
147,955	-	-	-	236,470	-	-	482,614	33	
1,825,856	-	-	-	3,074,110	-	-	5,860,631	34	
447	4,853	40,923	2,220,000	56,000	-	-	2,322,223	35	
14,600	77,000	1,452,887	66,600,000	1,877,000	-	-	70,021,487	36	
-	-	-	-	-	-	-	..	37	
-	-	-	-	-	-	-	23,704,420	38	
28,696,601	2,992,222	87,218,181	68,787,634	22,628,872	513,000	-	414,006,283	39	
-	-	2,071,000	3,626,000	1,225,000	3,000	-	11,557,000	40	
-	-	3,724,000	12,200,000	7,974,000	21,000	-	83,621,000	41	
15,548,000	-	51,817,000	1,180,000,000	217,800,000	-	41,500	1,465,371,500	42	
5,908,000	-	6,217,000	162,031,000	23,958,000	-	17,500	198,228,000	43	
-	-	..	..	..	-	-	..	44
-	-	2,411,500	102,305,000	3,900,500	-	-	108,617,000	45	
1,228,000	5,567,000	92,915,500	231,587,000	20,530,500	-	689,000	352,526,000	46	
3,870,000	13,894,500	212,033,500	613,241,500	42,625,500	-	792,500	886,484,500	47	
9,778,000	13,894,500	224,386,000	889,777,500	78,458,000	21,000	810,000	1,276,950,500	48	
-	-	-	-	-	-	-	-	-	-
24,871,787	501,700	1,231,470	4,121,742	3,460,112	-	-	43,549,419	49	
2,720,929	406,564	280,039	880,586	703,942	-	-	7,714,356	50	
48,122,596	8,390,839	6,801,520	17,910,266	14,279,419	-	-	146,401,454	51	
931,456	44,441	-	65,626	-	-	-	1,354,263	52	
11,151,254	739,214	-	1,219,172	-	-	-	16,737,960	53	
98,760,000	12,060,000	8,100,000	14,920,000	24,770,000	-	-	221,903,000	54	
70,670,000	8,140,000	5,335,000	14,310,000	22,460,000	-	-	158,129,000	55	
25,036,351	1,836,507	-	180,444	3,196,040	-	-	83,652,759	56	
36,624,829	2,872,699	-	702,122	5,739,382	-	-	104,412,290	57	
191,440,466	20,644,452	13,367,990	38,263,302	45,938,913	-	-	469,230,123	58	
-	-	-	-	-	-	-	-	-	-
1,193,036,824	186,591,861	369,695,836	996,833,364	360,830,137	14,700,071	115,071,438	4,403,579,072	59	
957,857,765	179,241,152	349,303,729	846,678,642	331,143,633	11,975,757	111,220,178	3,972,780,919	60	

TABLE 5. Revised Statistics of the Mineral Production of Canada, by Provinces, 1966

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Metals						
1	Antimony	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth	lb.	—	—	—	471,912
4		\$	—	—	—	1,757,157
5	Cadmium	lb.	—	—	37,584	286,302
6		\$	—	—	96,967	738,659
7	Calcium	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt	lb.	—	—	—	84,022
10		\$	—	—	—	181,488
11	Columbium (Cb ₂ O ₅)	lb.	—	—	—	2,637,997
12		\$	—	—	—	3,182,170
13	Copper	lb.	38,787,069	—	230,773	14,178,625
14		\$	17,415,394	—	103,617	6,366,203
15	Gold	oz.	25,667	—	20	1,953
16		\$	967,903	—	754	73,648
17	Indium	oz.	—	—	—	—
18		\$	—	—	—	—
19	Iron ore	ton	16,546,189	—	—	—
20		\$	188,603,259	—	—	—
21	Iron, remelt	ton	—	—	—	—
22		\$	—	—	—	—
23	Lead	lb.	43,508,408	—	2,976,305	103,728,634
24		\$	6,500,156	—	444,660	15,497,058
25	Magnesium	lb.	—	—	—	—
26		\$	—	—	—	—
27	Mercury	lb.	—	—	—	—
28		\$	—	—	—	—
29	Molybdenum	lb.	—	—	—	—
30		\$	—	—	—	—
31	Nickel	lb.	—	—	—	—
32		\$	—	—	—	—
33	Platinum group	oz.	—	—	—	—
34		\$	—	—	—	—
35	Selenium	lb.	—	—	—	—
36		\$	—	—	—	—
37	Silver	oz.	1,097,425	—	540,663	3,108,669
38		\$	1,535,298	—	756,388	4,349,028
39	Tellurium	lb.	—	—	—	—
40		\$	—	—	—	—
41	Thorium	lb.	—	—	—	—
42		\$	—	—	—	—
43	Tin	lb.	—	—	—	—
44		\$	—	—	—	—
45	Titanium ore	ton	—	—	—	—
46		\$	—	—	—	—
47	Tungsten (WO ₃)	lb.	—	—	—	—
48		\$	—	—	—	—
49	Uranium (U ₃ O ₈)	lb.	—	—	—	—
50		\$	—	—	—	—
51	Yttrium (Y ₂ O ₃)	lb.	—	—	—	—
52		\$	—	—	—	—
53	Zinc	lb.	68,320,955	—	1,355,574	284,790,664
54		\$	10,316,464	—	204,692	43,003,390
55	Total metals	\$	225,338,474	—	1,510,111	69,386,294
Non-metallics						
56	Arsenious oxide	lb.	—	—	—	—
57		\$	—	—	—	—
58	Asbestos	ton	57,097	—	—	—
59		\$	9,301,204	—	—	—
60	Barite	ton	—	—	199,488	—
61		\$	—	—	2,022,814	—
62	Diatomite	ton	—	—	—	—
63		\$	—	—	—	—
64	Feldspar	ton	—	—	—	—
65		\$	—	—	—	—
66	Fluorspar	ton	—	—	—	—
67		\$	1,890,768	—	—	—
68	Gem stones	lb.	—	—	—	—
69		\$	—	—	—	—

TABLE 5. Revised Statistics of the Mineral Production of Canada, by Provinces, 1966

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	1,405,681	—	—	1,405,681	1
—	—	—	—	745,011	—	—	745,011	2
6,312	—	—	—	47,435	—	—	525,659	3
15,881	—	—	—	198,848	—	—	1,971,886	4
217,237	192,863	141,171	—	1,169,570	118,735	1,073,400	3,236,862	5
560,471	497,586	364,221	—	3,017,491	306,336	2,769,372	8,351,103	6
249,179	—	—	—	—	—	—	249,179	7
245,125	—	—	—	—	—	—	245,125	8
2,684,235	742,912	—	—	—	—	—	3,511,169	9
5,464,495	1,461,980	—	—	—	—	—	7,107,963	10
—	—	—	—	—	—	—	2,637,997	11
—	—	—	—	—	—	—	3,182,170	12
405,951,287	62,629,571	39,121,774	—	105,759,611	—	1,496,805	1,012,152,458	13
181,375,552	28,120,677	17,565,676	—	47,450,169	—	672,065	453,523,980	14
1,660,750	64,565	42,678	182	120,705	43,466	424,029	3,319,474	15
62,626,883	2,434,746	1,609,387	6,863	4,551,786	1,639,103	15,990,133	125,177,364	16
—	—	—	—	..	—	—	..	17
—	—	—	—	..	—	—	..	18
8,144,289	—	—	—	2,151,804	—	—	40,690,723	19
91,700,740	—	—	—	21,006,240	—	—	431,659,083	20
—	—	—	—	—	—	—	..	21
—	—	—	—	—	—	—	17,421,215	22
3,970,467	1,113,596	—	—	211,494,096	15,975,125	210,659,720	601,244,120	23
593,188	166,371	—	—	31,598,418	2,386,684	31,472,562	89,827,072	24
13,445,701	—	—	—	—	—	—	13,445,701	25
4,175,743	—	—	—	—	—	—	4,175,743	26
—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	28
—	—	—	—	17,094,927	—	—	20,596,044	29
—	—	—	—	27,606,589	—	—	34,670,593	30
320,428,750	115,623,251	29,465	—	3,187,712	—	—	447,219,823	31
269,461,584	98,447,063	25,252	—	2,731,869	—	—	377,479,471	32
395,952	..	107	—	—	—	—	396,059	33
32,363,556	..	6,508	—	—	—	—	32,370,064	34
111,000	61,513	60,818	—	—	—	—	575,482	35
538,350	298,338	294,967	—	—	—	—	2,791,087	36
10,900,204	547,797	603,358	17	5,548,823	4,194,580	1,662,192	33,417,874	37
15,249,385	766,368	844,098	23	7,762,803	5,868,217	2,325,407	46,751,605	38
9,000	3,428	3,390	—	—	—	—	72,239	39
58,500	22,282	22,035	—	—	—	—	469,553	40
87,393	—	—	—	—	—	—	87,393	41
210,528	—	—	—	—	—	—	210,528	42
—	—	—	—	710,752	—	—	710,752	43
—	—	—	—	916,870	—	—	916,870	44
—	—	—	—	—	—	—	—	45
—	—	—	—	—	—	—	—	46
—	—	—	—	—	..	..	..	47
—	—	—	—	—	..	..	..	48
5,875,698	—	1,987,992	—	—	—	—	7,863,690	49
42,758,135	—	11,576,652	—	—	—	—	54,334,787	50
20,724	—	—	—	—	—	—	20,724	51
130,223	—	—	—	—	—	—	130,223	52
164,789,837	69,933,212	57,818,857	—	305,124,440	11,450,510	378,333,400	1,928,212,425	53
24,883,265	10,559,915	8,730,647	—	46,073,790	1,729,027	57,128,344	291,160,076	54
732,411,604	142,775,326	41,039,443	6,886	193,659,884	11,929,367	110,357,883	1,984,672,572	55
701,537	—	—	—	—	—	—	701,537	56
35,610	—	—	—	—	—	—	35,610	57
1,696	—	—	—	88,771	—	—	1,489,055	58
64,519	—	—	—	15,718,741	—	—	163,654,863	59
—	—	—	—	21,888	—	—	221,376	60
—	—	—	—	176,240	—	—	2,199,054	61
—	—	—	—	70	—	—	70	62
—	—	—	—	3,755	—	—	3,755	63
—	—	—	—	—	—	—	10,924	64
—	—	—	—	—	—	—	254,714	65
—	—	—	—	..	—	—	..	66
—	—	—	—	4,986	—	—	1,895,754	67
—	—	—	—	11,633	—	—	11,633	68
—	—	—	—	13,225	—	—	13,225	69

TABLE 5. Revised Statistics of the Mineral Production of Canada, by Provinces, 1966 - Concluded

No.		Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
Non-metallics - Concluded						
1	Grindstone	ton	—	—	5	—
2		\$	—	—	1,500	—
3	Gypsum	ton	459,685	—	4,502,836	108,207
4		\$	1,173,401	—	8,140,651	413,074
5	Helium	Mcf.	—	—	—	—
6		\$	—	—	—	—
7	Iron oxide	ton	—	—	—	390
8		\$	—	—	—	10,199
9	Lithia	lb.	—	—	—	253,566
10		\$	—	—	—	260,611
11	Magnesitic dolomite and brucite	ton	—	—	—	..
12		\$	—	—	—	3,948,599
13	Mica	lb.	—	—	—	339,800
14		\$	—	—	—	14,048
15	Nepheline syenite	ton	—	—	—	—
16		\$	—	—	—	—
17	Nitrogen	Mcf.	—	—	—	—
18		\$	—	—	—	—
19	Peat moss	ton	—	—	9,359	66,610
20		\$	—	—	196,757	1,480,418
21	Potash (K ₂ O)	ton	—	—	—	—
22		\$	—	—	—	—
23	Pyrite, pyrrhotite	ton	—	—	—	..
24		\$	—	—	—	1,098,819
25	Quartz	ton	—	—	8,638	—
26		\$	—	—	40,032	529,112
27	Salt	ton	—	—	474,981	—
28		\$	—	—	4,724,993	—
29	Soapstone, talc, pyrophyllite	ton	40,548	—	—	16,087
30		\$	608,220	—	—	208,306
31	Sodium sulphate	ton	—	—	—	—
32		\$	—	—	—	—
33	Sulphur, in smelter gas	ton	11	—	—	67,874
34		\$	76	—	—	471,214
35	Sulphur, elemental	ton	—	—	—	—
36		\$	—	—	—	..
37	Titanium dioxide, etc.	ton	—	—	—	—
38		\$	—	—	—	20,505,484
39	Total non-metallics	\$	12,973,669	—	15,125,247	1,894,992
Fuels						
40	Coal	ton	—	—	3,854,534	898,315
41		\$	—	—	51,518,674	7,892,427
42	Natural gas	Mcf.	—	—	—	97,403
43		\$	—	—	—	92,600
44	Natural gas by-products	bbl.	—	—	—	—
45		\$	—	—	—	—
46	Petroleum, crude	bbl.	—	—	—	6,836
47		\$	—	—	—	20,508
48	Total fuels	\$	—	—	51,518,674	8,005,535
Structural materials						
49	Clay products	\$	172,700	—	1,525,004	618,651
50	Cement	ton	63,541	—	187,225	249,032
51		\$	1,632,982	—	3,143,670	4,141,046
52	Lime	ton	—	—	—	3,734
53		\$	—	—	—	100,089
54	Sand and gravel	ton	3,599,421	4,989,997	8,109,366	5,367,393
55		\$	3,584,261	2,556,780	10,756,417	2,990,458
56	Stone	ton	153,000	200,000	605,458	3,544,301
57		\$	318,000	200,000	1,837,851	3,084,172
58	Total structural materials	\$	5,707,943	2,756,780	17,262,942	10,934,416
59	Grand total 1966	\$	244,020,086	2,756,780	85,416,974	90,221,237
60	Grand total 1965	\$	207,557,627	599,387	70,771,827	82,158,352

TABLE 5. Revised Statistics of the Mineral Production of Canada, by Provinces, 1966 — Concluded

Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Canada	No.
—	—	—	—	—	—	—	5	1
—	—	—	—	—	—	—	1,500	2
565,185	134,225	—	—	206,026	—	—	5,976,164	3
1,581,010	427,211	—	—	576,873	—	—	12,312,220	4
—	—	..	—	—	—	—	..	5
—	—	..	—	—	—	—	..	6
—	—	—	—	—	—	—	390	7
—	—	—	—	—	—	—	10,199	8
—	—	—	—	—	—	—	253,566	9
—	—	—	—	—	—	—	260,611	10
—	—	—	—	—	—	—	..	11
200,920	—	—	—	—	—	—	3,948,599	12
4,367	—	—	—	—	—	—	540,720	13
366,696	—	—	—	—	—	—	18,415	14
4,109,744	—	—	—	—	—	—	366,696	15
—	—	..	—	—	—	—	4,109,744	16
—	—	..	—	—	—	—	..	17
1,700	20,464	800	6,515	61,893	—	—	284,572	18
30,000	518,195	17,500	121,093	2,408,529	—	—	7,187,254	20
—	—	1,990,053	—	—	—	—	1,990,053	21
—	—	62,664,666	—	—	—	—	62,664,666	22
—	—	—	—	..	—	—	326,954	23
1,161,057	393,204	183,750	—	40,322	—	—	1,139,141	24
902,089	969,742	149,938	—	23,899	—	—	2,299,660	25
3,782,191	27,069	84,979	—	112,174	—	—	5,514,041	26
15,243,719	660,894	1,443,635	1,772,947	—	—	—	4,492,034	27
13,509	—	—	—	—	—	—	23,846,188	28
219,924	—	—	—	—	—	—	70,144	29
—	—	405,314	—	—	—	—	1,036,450	30
—	—	6,471,795	—	—	—	—	405,314	31
160,613	—	—	—	271,840	—	—	6,471,795	32
1,501,860	—	—	—	4,077,600	—	—	500,338	33
546	4,217	36,384	1,933,920	66,461	—	—	6,050,750	34
15,949	60,683	1,235,792	37,224,660	1,716,601	—	—	2,041,528	35
—	—	—	—	—	—	—	40,253,685	36
—	—	—	—	—	—	—	..	37
23,708,791	2,636,725	71,983,326	39,118,700	24,849,046	—	—	20,505,484	38
—	—	2,078,165	3,467,254	1,087,631	5,670	—	11,391,569	40
—	—	3,717,586	11,947,258	6,437,459	46,390	—	81,559,794	41
15,537,395	—	49,867,762	1,090,691,124	185,590,273	—	46,238	1,341,833,195	42
5,940,000	—	5,974,000	146,215,000	19,390,000	—	19,400	177,631,340	43
—	—	..	—	..	—	—	..	44
—	—	2,417,536	94,116,979	3,373,703	—	—	99,908,218	45
1,323,781	5,230,712	93,218,119	203,339,433	16,671,328	—	752,585	320,542,794	46
4,236,099	12,956,474	212,723,748	524,005,719	36,726,936	—	842,895	791,512,379	47
10,176,099	12,956,474	224,832,870	776,284,956	65,928,098	46,390	862,295	1,150,611,731	48
25,799,667	487,172	1,395,489	3,422,614	3,256,480	—	—	42,956,085	49
3,242,591	508,152	214,145	822,360	707,519	—	—	8,930,552	50
52,680,630	10,221,927	4,963,191	15,685,259	15,959,443	—	—	156,300,622	51
1,078,350	55,835	—	72,875	—	—	—	1,555,037	52
12,232,867	939,643	—	1,316,557	—	—	—	18,339,724	53
94,123,982	9,675,796	8,314,360	12,886,213	24,295,400	—	—	217,238,710	54
67,245,821	5,806,203	5,089,410	10,298,933	21,634,731	—	—	151,525,102	55
25,702,843	2,022,876	—	144,433	3,537,321	—	—	84,874,387	56
33,602,286	3,417,682	—	544,737	5,855,951	—	—	104,987,366	57
191,561,271	20,872,627	11,448,090	31,268,100	46,706,605	—	—	474,108,899	58
957,857,765	179,241,152	349,303,729	846,678,642	331,143,633	11,975,757	111,220,178	3,972,780,919	59
992,788,746	182,865,972	328,167,375	794,170,720	279,632,889	13,400,535	77,456,418	3,745,470,821	60

TABLE 6. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1960 - 65

	1960	1961	1962	1963	1964	1965
Gold-quartz ores	14,725,586	14,353,022	13,659,916	12,618,059	12,757,577	12,042,354
Copper-gold-silver ores	13,973,786	15,008,993	17,744,713	19,764,023	20,201,393	20,016,849
Silver-cobalt ores	220,753	233,781	234,621	307,095	253,170	279,091
Silver-lead-zinc ores	5,831,613	5,872,303	6,234,523	6,385,357	8,923,216	10,139,481
Nickel-copper ores	20,835,188	21,639,948	17,970,652	17,624,435	20,419,111	24,249,575
Iron ores	32,957,009	32,712,955	49,876,311	60,071,192	72,795,146	89,154,543
Miscellaneous metals ¹	13,036,867	9,602,346	8,542,671	7,693,024	5,901,375	10,654,616
Asbestos	33,228,170	38,444,213	42,212,705	45,738,901	50,032,255	53,399,988
Feldspar and nepheline syenite	331,136	337,641	343,905	367,664	390,336	448,777
Quartz, exclusive of sand	1,279,762	946,430	1,112,129	743,008	1,506,574	1,471,830
Gypsum and anhydrite	5,093,162	5,059,758	5,398,527	6,082,297	6,420,038	6,112,078
Talc and soapstone	51,487	68,229	67,069	64,712	68,247	57,169
Iron oxides	²	²	²	²	²	²
Rock salt	1,320,718	1,348,728	1,867,584	1,751,436	1,876,176	3,363,611
Other non-metals	695,367	843,449	1,218,142	3,376,053	4,693,733	5,732,636
Stone, all kinds, quarried ³	45,359,449	48,938,804	50,553,485	62,655,329	69,794,358	76,758,105
Stone used for the manufacture of cement	7,768,119	8,145,376	9,023,162	9,110,878	9,995,059	11,236,634
Estimated rock for the manufacture of lime	2,669,574	2,592,831	2,668,480	2,703,709	2,710,253	2,927,691
Totals (other than coal)	199,377,746	206,148,807	228,728,595	257,057,172	288,738,017	328,045,028

¹ Uranium ore is not included prior to 1956. Data for the years 1922-63 are shown in General Review of the Mining Industry, 1963.

² Included in "Other non-metals".

³ Excludes stone used to manufacture cement and lime.

TABLE 7. Tonnage of Ore Mined and Rock Quarried,¹ by Province, 1960 - 65

Province	1960	1961	1962	1963	1964	1965
Newfoundland	9,813,738	10,798,351	11,573,044	20,723,570	25,297,002	43,295,464
Prince Edward Island	750,000	225,000	225,000	225,000	350,000	225,306
Nova Scotia	5,501,198	5,640,601	5,512,903	5,894,406	6,113,148	5,941,751
New Brunswick	2,218,264	3,318,923	3,651,628	5,280,287	4,863,899	4,721,433
Quebec	84,103,471	92,136,307	112,716,364	124,366,982	146,162,474	151,376,136
Ontario	77,205,171	72,098,791	69,754,183	68,563,606	75,958,522	83,809,207
Manitoba	3,072,092	5,006,332	5,172,910	7,835,624	5,577,186	5,855,654
Saskatchewan	2,640,733	2,448,097	2,949,468	4,834,652	5,127,525	6,482,675
Alberta	1,016,705	1,040,269	1,160,396	1,169,728	1,160,839	1,357,683
British Columbia	12,045,516	12,425,387	15,091,604	17,310,687	17,218,825	23,413,933
Yukon	176,107	189,184	186,977	185,598	169,000	287,298
Northwest Territories	834,751	821,565	734,118	667,032	739,597	1,278,488
Canada (excluding coal)	199,377,746	206,148,807	228,728,595	257,057,172	288,738,017	328,045,028

¹ Sand and gravel, sodium sulphate, etc., which are not actually mined or blasted are not included.

TABLE 8. ALUMINUM

Year	Production of aluminum ingots	Consumption of aluminum ingots	Exports		Imports of pigs ingots, slabs and shot
			Primary forms	Semi-fabricated forms	
tons of 2,000 pounds					
1957	556,715	77,984	478,670	12,593	2,122
1958	634,102	101,886	482,927	17,390	11,257
1959	593,630	88,697	505,342	25,158	854
1960	762,012	113,000	552,155	30,123	500
1961	663,173	127,000	487,034	22,969	636
1962	690,297	..	576,206	22,643	3,855
1963	719,390	..	635,187	13,252	1,954
1964	842,640	..	627,992	18,433	3,996
1965	830,505	..	707,512	26,856	6,945
1966 ^r	889,915	..	716,382	34,420	16,923
1967	913,342	..	760,649	30,902	8,176

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 9. ANTIMONY

Year	Total production in all forms ¹		Imports		Consumption, refined metal ²
			Refined metal or regulus		
	Pounds	Value	Pounds	Value	Pounds
		\$		\$	
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	1,134,000
1960	1,651,786	538,482	843,794	158,266	952,000
1961	1,331,297	469,948	832,547	170,190	1,029,000
1962	1,931,397	748,223	1,275,917	231,587	1,211,000
1963	1,601,253	624,489	1,036,235	183,625	976,000
1964	1,591,523	700,270	..	..	558,091
1965	1,401,787	689,947	..	..	659,637
1966	1,405,681 ^r	745,011 ^r	..	..	..
1967	1,243,000	658,790	..	..	..

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

² Source: Special survey covering selected group of consumers.

TABLE 10. BISMUTH

Year	Total production in all forms		Imports refined metal ¹		Consumption, refined
			Pounds	Value	
	Pounds	Value	Pounds	Value	Pounds
		\$		\$	
1957	319,941	584,917	9,614	20,287	55,000
1958	412,792	771,267	12,857	26,178	39,900
1959	334,736	590,212	13,002	26,829	39,700
1960	423,827	762,048	7,648	15,042	44,700
1961	478,118	957,625	17,983	24,567	42,600
1962	425,102	839,912	57,063	38,494	37,300
1963	359,125	704,103	6,383	8,548	47,800
1964	399,958	816,628	..	..	53,676
1965	428,759	1,195,472	..	..	48,279
1966	525,659 ^r	1,971,886 ^r	..	..	..
1967	542,336	2,040,558	..	..	..

¹ Includes bismuth residues.

² Source: Special survey covering selected group of consumers.

TABLE 11. CADMIUM

Year	Production in all forms		Consumption refined metal	Exports, refined metal	
	Pounds	Value	Pounds	Pounds	Value
		\$			\$
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	2,221,950	3,355,128	..	1,901,962	2,339,606
1962	2,609,973	4,730,957	..	2,340,289	3,615,435
1963	2,475,485	5,941,164	..	1,939,110	4,457,114
1964	2,772,984	8,984,467	..	1,623,679	5,211,395
1965	1,755,925	4,881,471	..	1,364,645	3,653,631
1966	3,236,862 ²	8,351,103 ²	..	2,012,323	4,611,000
1967	4,771,677	13,385,156	1	1,676,676	4,302,000

TABLE 12. CALCIUM

Year	Producers' shipments		Exports, calcium metal	
	Pounds	Value	Pounds	Value
		\$		\$
1958	25,227	31,256	..	79,028
1959	67,429	76,409	..	73,555
1960	134,801	159,241	..	87,157
1961	99,355	100,881	110,700	116,841
1962	123,511	124,412	124,100	157,222
1963	98,673	117,247	92,100	109,069
1964	138,357	151,694	140,800	137,081
1965	159,434	152,848	148,300	117,124
1966	249,179	245,125	242,800	227,000
1967	622,237	591,125	513,000	484,000

TABLE 13. COBALT

Year	Production in all forms ¹		Imports, cobalt ore		Exports			
	Pounds	Value	Tons	Value	Cobalt contained in ores		Metallic cobalt and alloys	
					Pounds	Value	Pounds	Value
		\$		\$		\$		\$
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	3,182,897	4,751,543	—	—	—	—	603,931	1,039,073
1962	3,481,922	6,345,205	—	—	—	—	542,565	919,083
1963	3,024,965	6,122,169	1	288	..	..	739,227	1,214,975
1964	3,184,983	5,990,973	—	—	..	..	593,607	1,071,497
1965	3,648,332	7,529,143	—	—	..	..	292,191	570,567
1966	3,511,169	7,107,963	—	—	..	..	627,990	1,202,000
1967	3,305,709	6,796,800	—	—	..	..	1,498,559	2,462,000

¹ From Canadian ores only.

TABLE 14. COLUMBIUM

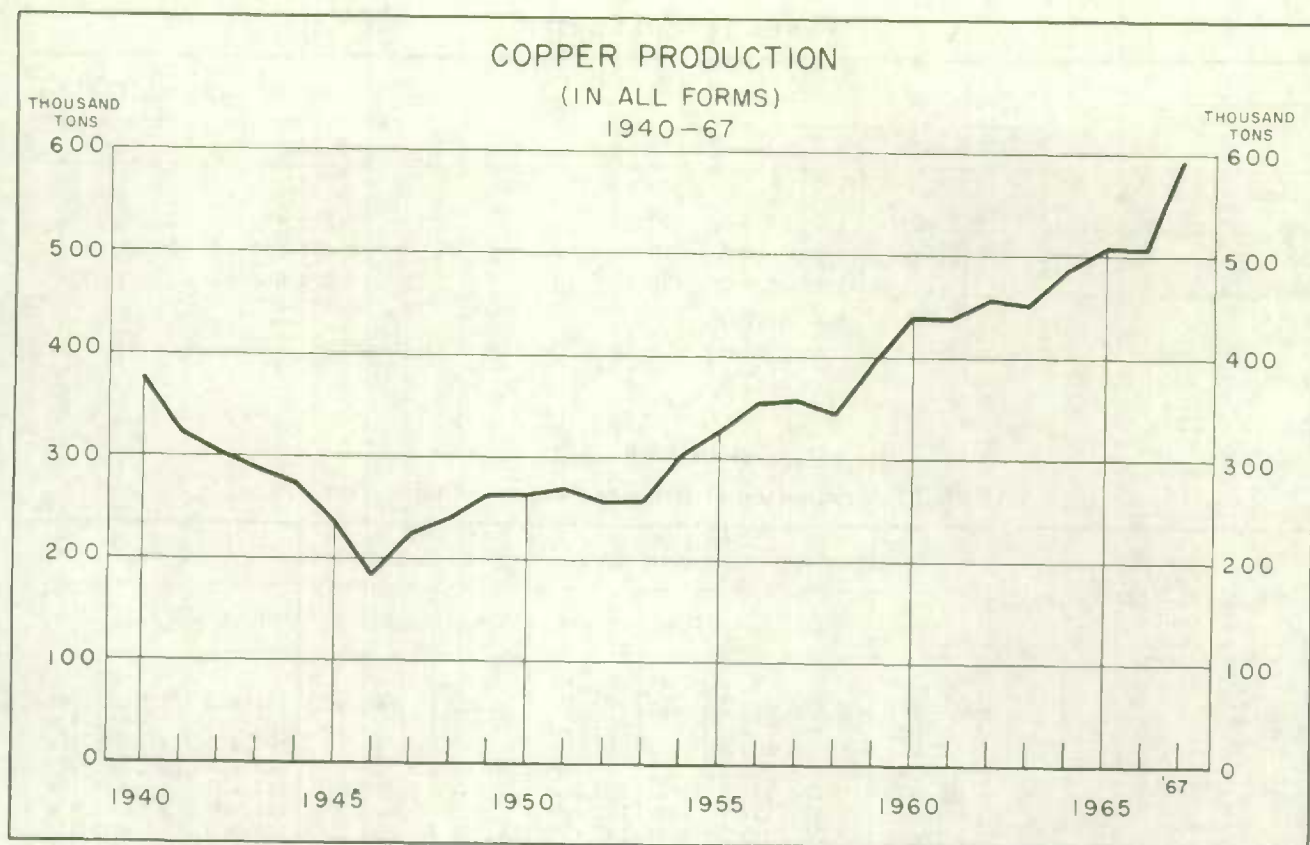
Year	Producers' Shipments (Cb ₂ O ₅)		Year	Producers' shipments (Cb ₂ O ₅)	
	Pounds	Value		Pounds	Value
		\$			\$
1961	62,229	65,619	1965	2,333,967	2,528,051
1962	1,016,514	1,006,349	1966	2,637,997	3,182,170
1963	1,393,444	1,300,009	1967	2,207,000	2,627,000
1964	2,163,359	2,282,522			

COPPER

TABLE 15. Production of Primary Copper in All Forms¹

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	14,751	7,499,372	—	—	328	166,683	131,445	66,826,788
1959	14,989	8,876,570	—	—	—	—	134,912	79,894,820
1960	13,863	8,398,362	—	—	—	—	157,470	95,395,158
1961	15,752	9,195,817	—	—	—	—	149,007	86,990,202
1962	17,308	10,731,154	204	126,300	3,674	2,277,864	147,431	91,407,164
1963	14,012	8,827,797	237	149,394	8,964	5,647,307	141,400	89,081,976
1964	13,615	9,095,013	204	136,075	9,296	6,204,736	158,088	105,602,844
1965	14,823	11,147,108	187	140,453	10,082	7,581,283	173,938	130,801,096
1966 ¹	19,393	17,415,394	115	103,617	7,089	6,366,203	171,998	154,454,627
1967	19,689	18,732,507	40	38,335	5,608	5,335,477	159,088	151,355,859
	Ontario		Manitoba		Saskatchewan			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	142,035	71,267,895	12,601	6,383,403	37,510	19,070,139		
1959	188,273	110,547,037	12,945	7,666,147	35,536	21,044,574		
1960	206,272	123,750,235	12,793	7,749,877	31,785	19,255,437		
1961	211,647	122,421,860	12,454	7,271,252	33,479	19,545,019		
1962	188,995	116,347,723	12,738	7,897,714	32,017	19,850,465		
1963	178,960	112,048,454	16,980	10,697,506	29,772	18,756,028		
1964	197,917	131,458,795	29,777	19,891,109	20,442	13,655,333		
1965	216,272	161,665,138	30,807	23,167,131	18,732	14,086,297		
1966 ¹	202,976	181,375,552	31,315	28,120,677	19,561	17,565,676		
1967	269,855	256,739,969	29,459	28,027,719	22,738	21,632,992		
	British Columbia		Yukon		Northwest		Canada	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	6,010	2,995,902	—	—	434	220,748	345,114	174,430,930
1959	8,121	4,781,508	—	—	493	292,157	395,269	233,102,813
1960	16,559	9,982,552	—	—	520	315,016	439,262	264,846,637
1961	15,845	9,205,938	440	257,098	463	270,440	439,088	255,157,626
1962	54,490	33,766,394	214	132,990	324	194,928	457,385	282,732,696
1963	62,218	39,184,967	—	—	16	10,281	352,559	284,403,710
1964	57,561	38,418,929	—	—	—	—	486,900	324,467,834
1965	42,565	32,008,933	—	—	471	354,342	507,877	380,951,781
1966	52,880	47,450,169	—	—	748	672,065	506,076	453,523,980
1967	81,921	77,939,139	3,675	3,496,395	226	215,016	592,299	563,513,408

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

**TABLE 16. Production of Refined Copper, Consumption, Imports and Exports**

Year	Production	Domestic consumption ¹	Exports, refinery shapes	Imports, refinery shapes
1958	329,239	122,893	224,638	1
1959	365,366	129,973	222,437	105
1960	417,029	117,637	278,066	25
1961	406,359	141,808	266,247	3
1962	382,868	151,526	223,043	147
1963	378,911	169,751	214,987	6,549
1964	486,900	202,225	224,273	6,770
1965	434,133	224,684	199,830	5,747
1966	433,004 ^r	262,557 ^r	190,691	15,492
1967	500,020	224,398	275,919	5,310

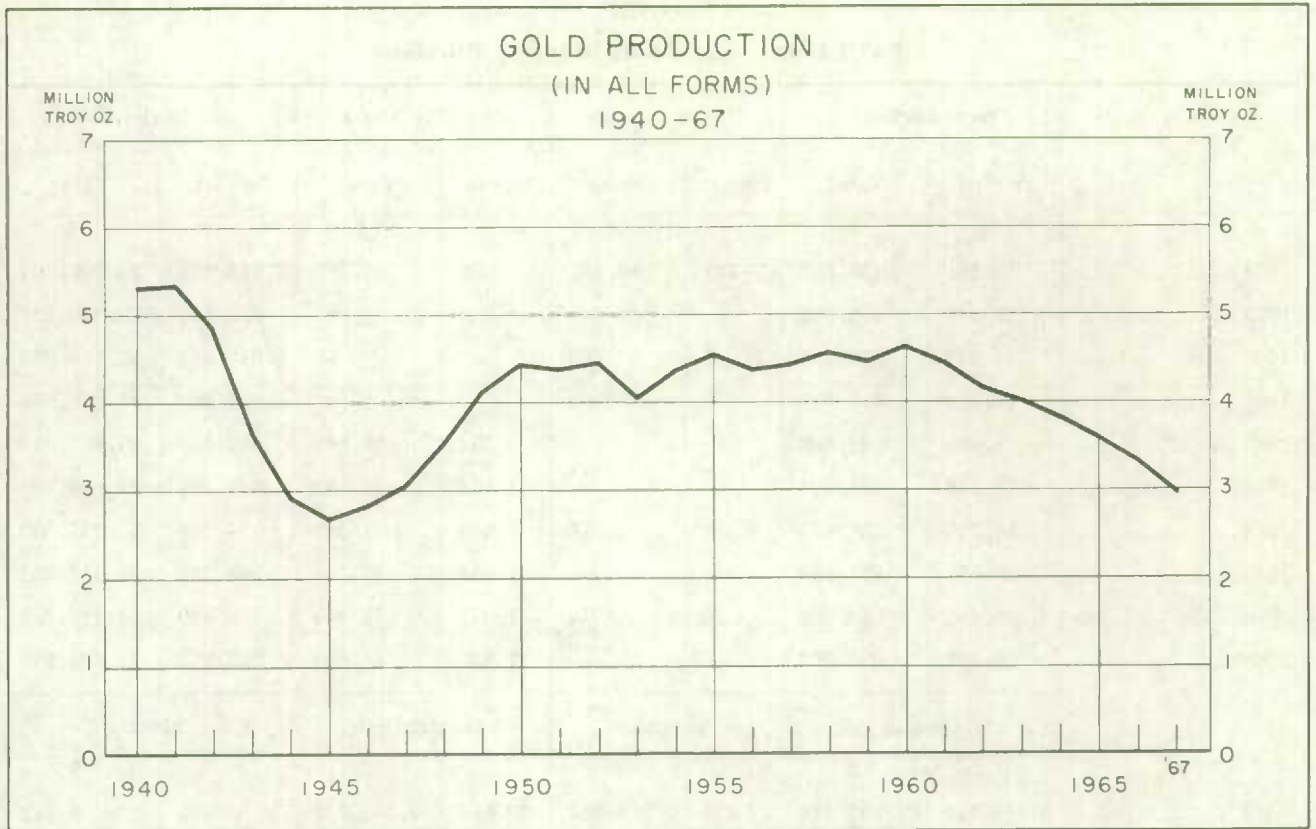
¹ Producers' shipments to domestic consumers.**TABLE 17. Exports of Primary Copper**

Year	Copper contained in ore, matte, etc.		Copper, refinery shapes	
	Tons	Value	Tons	Value
		\$		\$
1958	30,316	13,603,456	224,638	111,996,370
1959	32,070	17,017,395	222,437	130,246,946
1960	47,633	25,994,774	278,066	170,153,158
1961	42,894	18,635,983	266,247	154,409,513
1962	95,544	41,260,344	223,043	139,701,127
1963	92,930	44,630,977	214,987	136,798,100
1964	104,550	51,869,503	224,273	148,808,892
1965	87,000	54,247,301	199,830	148,400,753
1966 ^r	94,888	86,298,000	190,691	192,762,000
1967	128,976	116,875,000	275,919	274,811,000

GOLD

TABLE 18. Gold Production, by Province

	Newfoundland		Nova Scotia		New Brunswick		Quebec	
	Troy oz.	Value	Troy oz.	Value	Troy oz.	Value	Troy oz.	Value
		\$		\$		\$		\$
1958	13,381	454,686	131	4,451	52	1,767	1,044,846	35,503,867
1959	13,411	450,207	—	—	—	—	999,388	33,549,455
1960	13,515	458,834	3	102	—	—	1,035,914	35,169,280
1961	14,429	511,652	—	—	—	—	1,054,029	37,375,868
1962	13,966	522,468	—	—	553	20,688	933,560	37,169,080
1963	12,318	465,004	—	—	1,128	42,582	917,229	34,625,395
1964	16,717	631,067	63	2,378	1,623	61,268	934,769	35,287,530
1965	23,657	892,555	—	—	1,659	62,592	905,380	34,159,082
1966 ^f	25,667	967,903	20	754	1,953	73,648	935,459	35,276,158
1967	24,497	924,762	—	—	1,632	61,608	837,772	31,625,893
	Ontario		Manitoba		Saskatchewan		Alberta	
		\$		\$		\$		\$
1958	2,716,514	92,307,146	87,356	2,968,357	86,590	2,942,328	282	9,582
1959	2,683,449	90,083,383	51,186	1,718,314	78,588	2,638,199	200	6,714
1960	2,732,673	92,774,248	52,762	1,791,270	84,775	2,878,111	191	6,484
1961	2,637,720	93,533,551	57,747	2,047,709	70,784	2,510,000	171	6,084
1962	2,421,249	90,578,924	68,259	2,553,569	66,034	2,470,332	186	6,958
1963	2,338,854	88,291,739	53,084	2,003,921	64,813	2,446,691	132	4,983
1964	2,155,370	81,365,217	69,986	2,641,972	46,185	1,743,484	59	2,227
1965	1,946,003	73,420,747	67,685	2,553,687	46,173	1,742,061	200	7,546
1966 ^f	1,660,750	62,626,883	64,563	2,434,746	42,678	1,609,387	182	6,863
1967	1,492,620	56,346,405	51,969	1,961,830	49,721	1,876,968	130	4,907
	British Columbia		Yukon		Northwest Territories		Canada	
		\$		\$		\$		\$
1958	210,612	7,156,596	67,745	2,301,975	343,838	11,683,615	4,571,347	155,334,370
1959	184,312	6,187,354	66,960	2,247,847	405,922	13,626,802	4,483,416	150,508,275
1960	212,859	7,226,563	78,115	2,652,004	418,104	14,194,631	4,628,911	157,151,527
1961	164,467	5,832,000	66,878	2,371,494	407,474	14,449,028	4,473,699	158,637,366
1962	159,492	5,966,596	54,805	2,050,255	400,292	14,974,924	4,178,396	156,313,794
1963	159,473	6,020,106	55,211	2,084,215	400,885	15,133,409	4,003,127	151,118,045
1964	139,959	5,283,452	57,844	2,183,611	412,879	15,586,182	3,835,454	144,788,388
1965	117,764	4,443,118	45,031	1,698,975	452,479	17,071,580	3,606,031	136,051,943
1966 ^f	120,705	4,551,786	43,466	1,639,103	424,029	15,990,133	3,319,474	125,177,364
1967	114,708	4,330,227	17,474	659,644	362,675	13,690,981	2,953,198	111,483,225

**TABLE 19. IRON ORE**

Year	Producers' shipments		Imports		Exports	
	short tons	Value \$	short tons	Value \$	short tons	Value \$
1958.....	15,726,323	126,131,181	3,412,977	28,932,053	13,878,272	107,674,258
1959.....	24,488,325	192,666,101	2,801,001	27,128,891	20,778,786	157,814,102
1960.....	21,550,830	175,082,523	5,056,348	48,370,303	18,559,400	151,678,119
1961.....	20,359,003	187,950,047	4,628,154	47,433,053	16,652,346	142,565,982
1962.....	27,359,676	263,004,217	5,157,397	56,324,342	24,243,249	220,521,995
1963.....	30,143,649	313,182,963	5,964,799	67,872,770	26,717,570	270,948,783
1964.....	38,325,822	404,951,696	5,861,446	67,287,349	34,130,545	356,007,314
1965.....	39,958,936	413,064,861	5,334,592	60,549,715	34,495,162	360,818,505
1966 ^F	40,690,723	431,659,083	4,841,895	56,024,000	34,376,994	369,009,000
1967.....	41,303,421	455,242,942	2,688,749	32,869,000	35,175,314	383,062,000

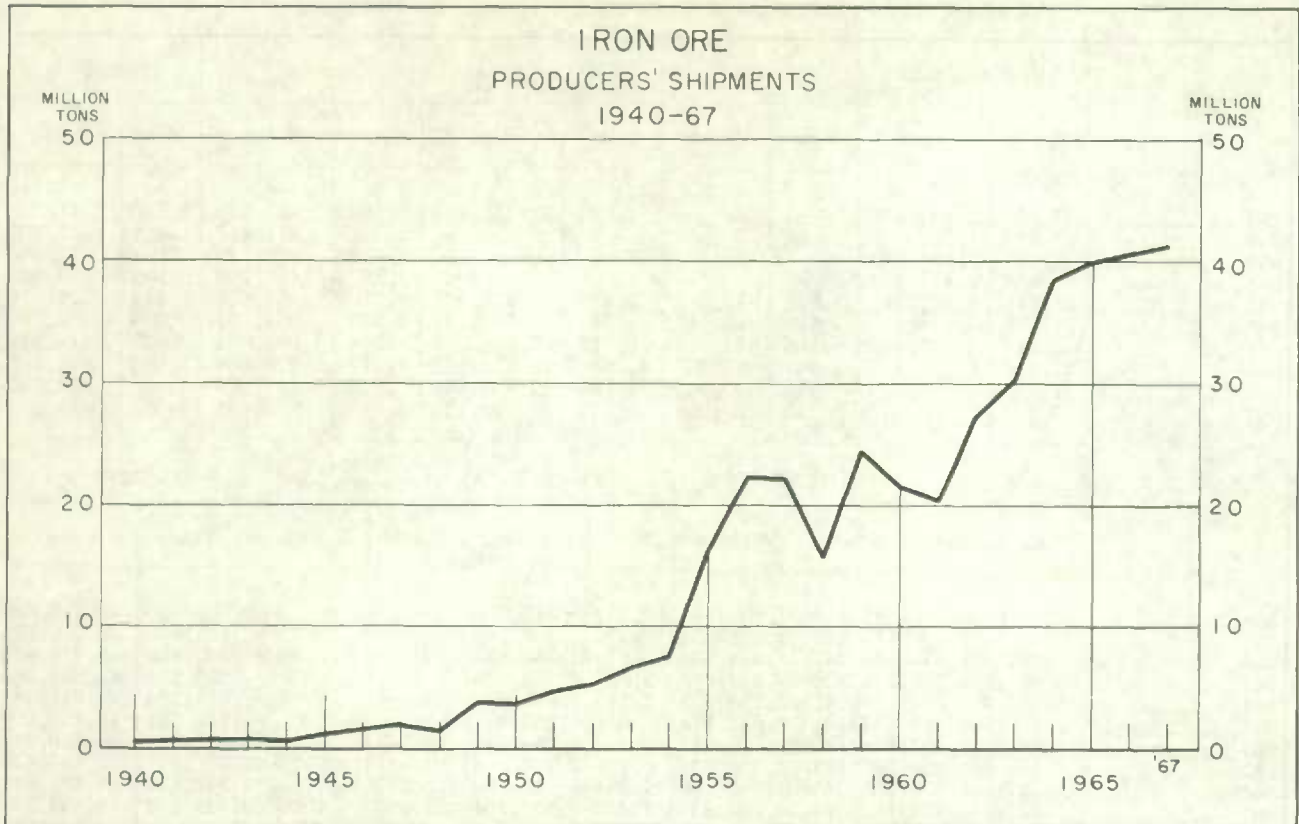


TABLE 20 LEAD

Year	Production of primary lead in all forms ¹		Production, refined lead ²	Exports				Consumption, refined lead ³
				Lead contained in ore		Lead pigs, blocks and shot		
	Tons	Value	Tons	Tons	Value	Tons	Value	Tons
1958.....	186,680	\$ 42,413,805	132,987	54,081	\$ 10,677,273	92,351	\$ 15,376,517	47,746
1959.....	186,696	39,616,835	135,296	53,726	9,814,916	92,252	15,183,277	49,414
1960.....	205,650	43,926,888	158,510	51,336	9,086,739	96,449	15,958,094	44,450
1961.....	230,435	47,054,765	171,833	70,967	9,131,987	117,637	18,189,953	49,673
1962.....	215,329	42,721,341	152,217	59,495	7,855,245	125,802	17,726,724	52,663
1963.....	201,165	44,256,199	155,000	53,756	7,206,741	97,144	15,546,270	54,370
1964.....	203,717	54,759,110	151,372	80,357	14,262,739	95,867	21,858,039	58,116
1965.....	291,807	90,460,323	186,484	106,964	20,484,254	129,065	40,665,666	62,773
1966 ^r	300,622	89,827,072	184,871	112,934	19,421,000	106,468	27,001,000	71,936
1967.....	321,563	90,057,520	193,234	126,194	19,261,000	132,319	28,969,000	60,500

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

² Includes lead from foreign ores.

³ Producers' shipments to domestic consumers.

TABLE 21. Production of Lead in All Forms, by Province

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec		Ontario	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
1958.....	23,980	5,448,339	—	—	94	21,377	3,150	715,620	1,256	285,502
1959.....	22,457	4,765,328	—	—	—	—	2,910	617,412	1,611	341,902
1960.....	24,022	5,131,091	—	—	—	—	2,669	570,195	831	177,490
1961.....	21,968	4,485,938	—	—	—	—	3,392	692,694	835	170,562
1962.....	25,330	5,025,529	2,682	532,047	1,879	372,865	4,716	935,656	1,144	226,879
1963.....	23,392	5,146,264	1,400	308,053	1,783	392,277	4,337	954,051	1,539	338,560
1964.....	25,415	6,831,452	1,669	448,577	21,716	5,837,216	3,954	1,062,964	2,027	544,974
1965.....	21,916	6,793,882	1,841	570,871	43,654	13,532,677	4,213	1,306,066	1,944	602,518
1966 ^f	21,754	6,500,156	1,488	444,660	51,864	15,497,058	3,909	1,167,975	1,985	593,188
1967.....	23,500	6,580,042	393	109,903	45,361	12,701,192	2,095	586,695	5,055	1,415,309

Year	Manitoba		British Columbia		Yukon		Northwest Territories		Canada	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
1958.....	—	—	147,417	33,493,047	10,783	2,449,920	—	—	186,680	42,413,805
1959.....	—	—	148,922	31,601,233	10,796	2,290,960	—	—	186,696	39,616,835
1960.....	1,037	221,574	166,947	35,659,900	10,144	2,166,638	—	—	205,650	43,926,888
1961.....	3,054	623,558	192,800	39,369,815	8,385	1,712,198	—	—	230,435	47,054,765
1962.....	3,792	752,357	167,641	33,260,028	8,145	1,615,980	—	—	215,329	42,721,341
1963.....	2,737	602,203	157,487	34,647,144	8,490	1,867,647	—	—	201,165	44,256,199
1964.....	1,295	348,092	134,369	36,118,321	10,209	2,744,235	3,063	823,279	203,717	54,759,110
1965.....	1,316	407,990	125,167	38,801,671	8,925	2,766,953	82,831	25,677,695	291,807	90,460,323
1966 ^f	557	166,371	105,747	31,598,418	7,988	2,386,684	105,330	31,472,562	300,622	89,827,072
1967.....	1,926	539,375	102,332	28,652,840	7,401	2,092,164	132,500	37,100,000	321,563	90,057,520 ¹

¹ Includes shipments from Saskatchewan, 1000 tons valued at \$280,000 in 1967.

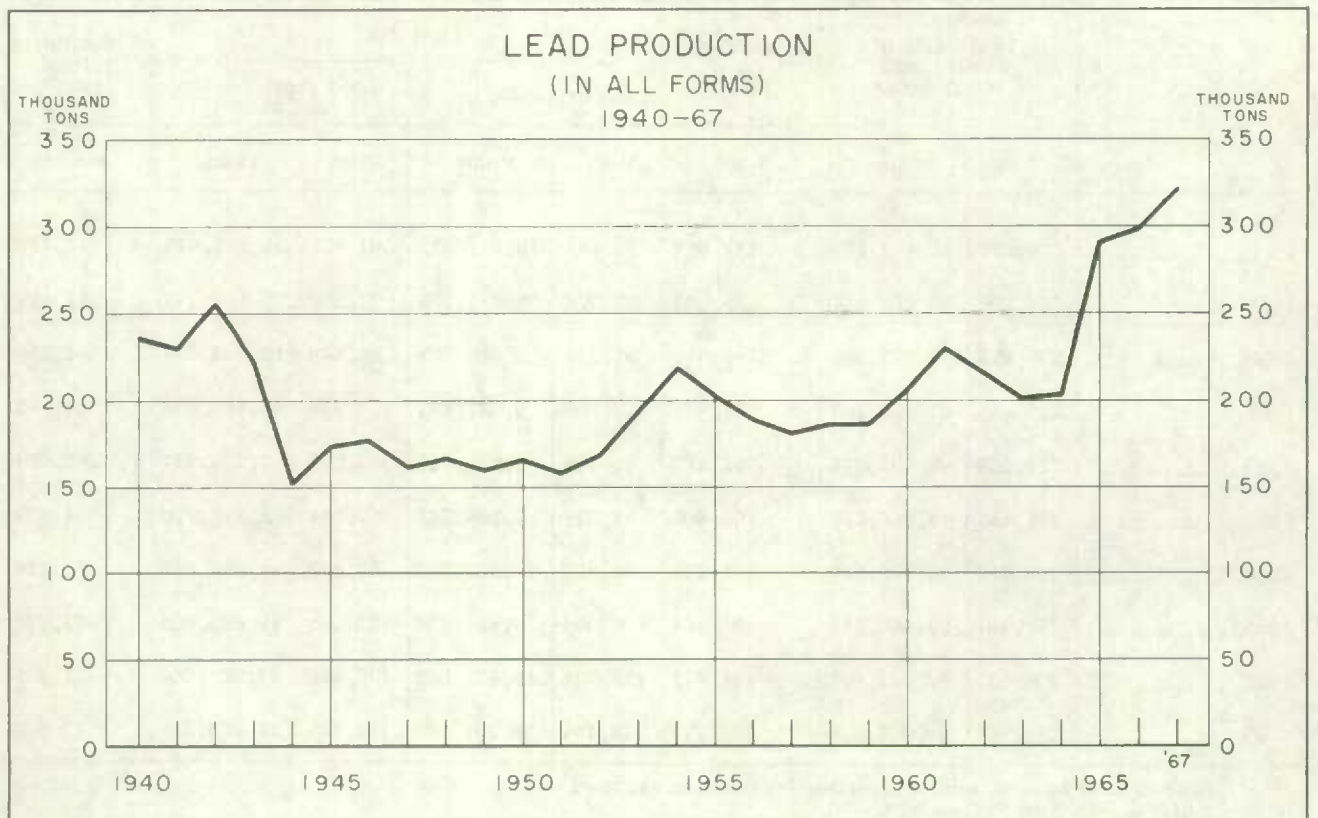


TABLE 22. MAGNESIUM

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1958	13,591,705	4,064,825	1963	17,810,348	5,357,816
1959	12,204,448	3,179,515	1964	18,706,020	5,587,909
1960	14,577,138	4,313,987	1965	20,216,369	6,067,057
1961	15,270,618	4,307,570	1966	13,445,701	4,175,743
1962	17,631,310	4,821,823	1967	17,369,240	4,950,233

TABLE 23. MERCURY

Year	Production		Imports		Exports	
	Pounds	Value	Pounds	Value	Pounds	Value
		\$		\$		\$
1958	—	—	197,073	607,922	2,830	6,821
1959	—	—	141,219	363,678	10,458	25,072
1960	—	—	243,091	593,447	1,918	3,877
1961	—	—	312,913	773,164	..	..
1962	—	—	245,059	417,927	..	..
1963	—	—	447,592	1,022,265	..	..
1964	5,548	22,848	293,000	991,370	..	..
1965	1,520	12,301	1,071,900	5,579,587	..	..
1966	—	—	404,600	2,427,000	..	..
1967	—	—	356,300	2,386,000	..	..

TABLE 24. MOLYBDENUM

Year	Producers' shipments		Year	Producers' shipments	
	Mo. content ¹	Value		Mo. content ¹	Value
	Pounds			Pounds	
		\$			\$
1958	888,264	1,152,838	1963	833,867	1,344,004
1959	748,566	940,596	1964	1,224,712	2,057,383
1960	767,621	1,015,380	1965	9,557,191	16,730,792
1961	771,358	1,092,201	1966	20,596,044	34,670,593
1962	817,705	1,261,451	1967	21,223,907	37,873,670

¹ Molybdenum content of molybdenum sulphides, oxides and ferromolybdenum.

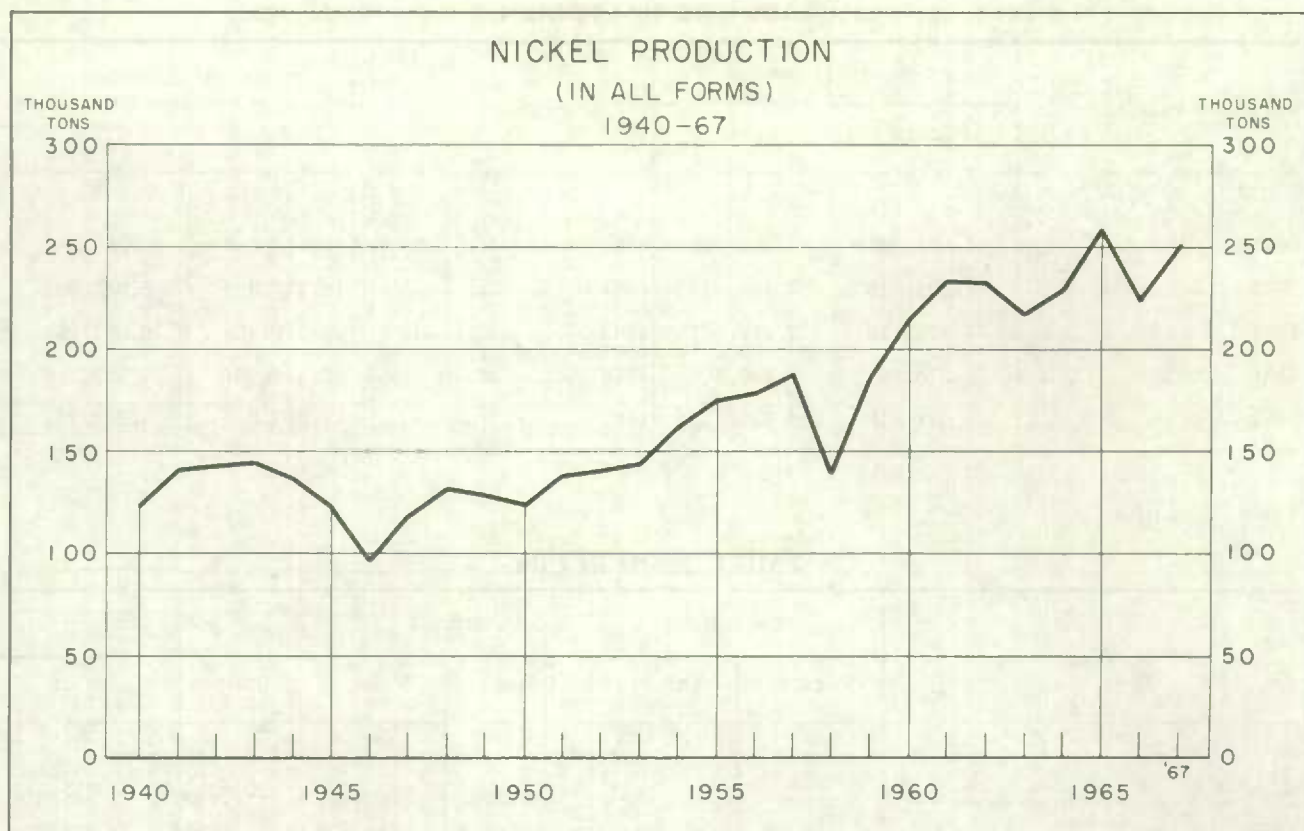


TABLE 25. NICKEL

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
		\$		\$		\$
1958	139,559	194,142,019	67,659	92,495,804	85,168	118,786,031
1959	186,550	257,008,801	65,657	88,771,202	102,111	133,227,349
1960	214,506	295,640,279	73,910	99,778,767	108,350	142,549,495
1961	232,991	351,261,720	92,938	128,057,056	133,504	187,213,732
1962	232,242	383,784,622	77,410	117,356,387	121,712	185,517,667
1963	217,030	360,392,658	83,392	126,733,328	109,156	169,236,925
1964	228,496	379,320,510	74,766	114,248,806	128,330	192,293,746
1965	259,182	430,402,105	82,327	129,434,915	135,197	201,273,157
1966	223,610 ^r	377,479,471 ^r	83,586	135,955,000	132,712	204,681,000
1967	250,180	467,196,178	83,662	144,649,000	128,659	219,231,000

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

TABLE 26. METALS OF THE PLATINUM GROUP

Year	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Troy ounces	Value	Troy ounces	Value
		\$		\$
1958	146,092	9,481,371	154,366	4,840,072
1959	150,382	11,015,449	177,713	5,916,989

See footnote at end of table.

TABLE 26. METALS OF THE PLATINUM GROUP - Concluded

	Production ¹			
	Platinum		Palladium, rhodium, iridium, etc.	
	Troy ounces	Value	Troy ounces	Value
		\$		\$
1960 platinum group	483,604	28,873,508	2	2
1961 " "	418,278	24,534,349	2	2
1962 " "	470,787	28,848,637	2	2
1963 " "	357,651	22,585,205	2	2
1964 " "	376,238	25,404,117	2	2
1965 " "	463,127	36,109,799	2	2
1966 ^r " "	396,059	32,370,064	2	2
1967 " "	403,270	34,586,996	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 1960-67.

TABLE 27. SELENIUM

	Production		Exports	
	Pounds	Value	Pounds	Value
		\$		\$
1958	306,990	2,302,426	250,351	1,700,906
1959	368,107	2,576,749	325,712	1,846,484
1960	521,638	3,651,466	404,410	2,796,407
1961	430,612	2,798,978	345,800	2,251,502
1962	487,066	2,800,630	325,630	2,033,978
1963	468,772	2,273,545	445,700	2,421,738
1964	465,746	2,258,868	401,300	2,206,084
1965	512,077	2,483,573	451,200	2,454,709
1966	575,482 ^r	2,791,087 ^r	588,100	3,676,000
1967	752,221	3,467,155	539,400	3,040,000

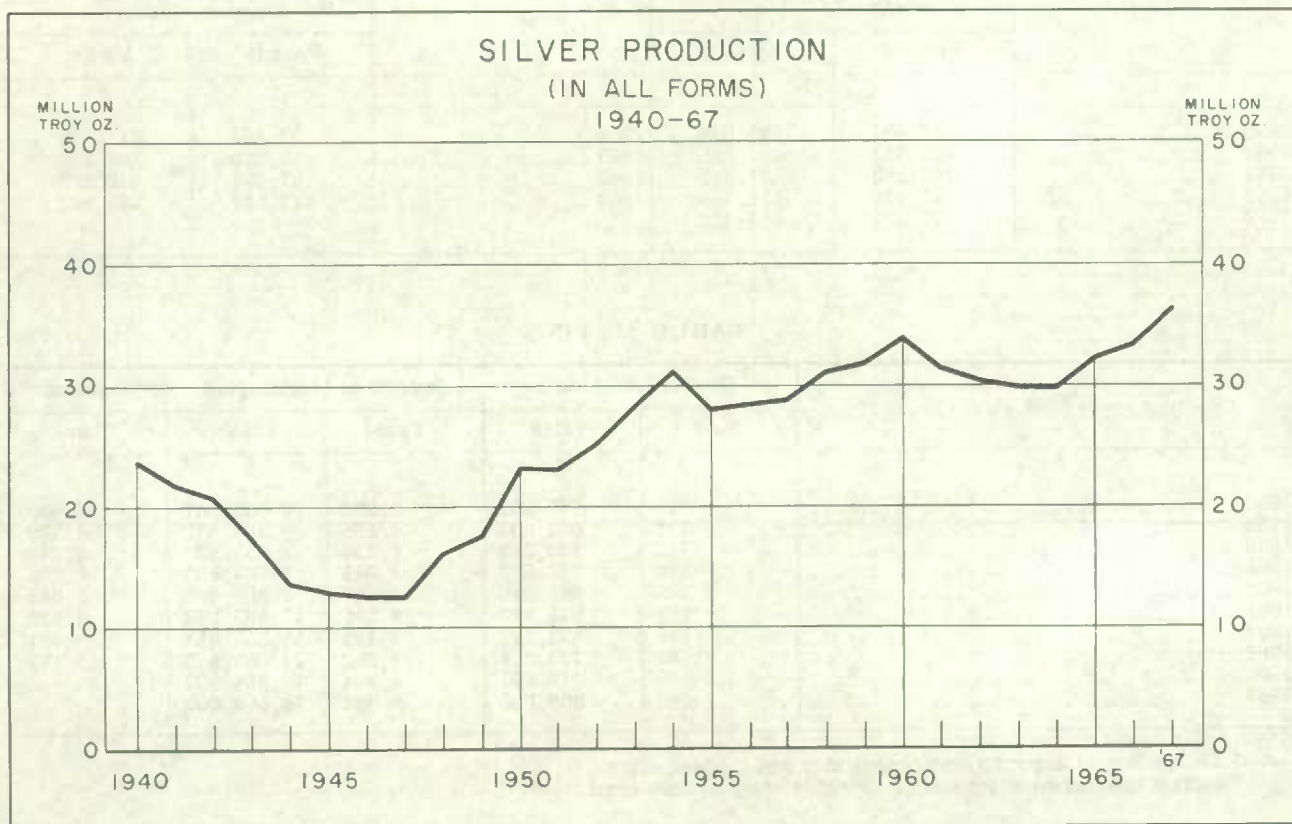


TABLE 28. SILVER

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
		\$		\$		\$
1958	31,163,470	27,053,007	5,098,788	4,274,488	16,026,550	14,279,596
1959	31,923,969	28,022,860	6,814,865	6,210,175	15,140,830	13,511,177
1960	34,016,829	30,244,363	8,897,402	8,255,194	12,761,063	11,315,369
1961	31,381,977	29,580,651	10,352,700	9,454,289	10,783,414	10,093,541
1962	30,422,972	35,442,761	8,801,332	9,104,528	9,445,094	10,941,526
1963	29,932,003	41,425,891	8,286,756	9,643,385	10,834,629	14,782,600
1964	29,902,611	41,863,655	9,478,317	10,759,530	10,583,439	14,723,011
1965	32,272,464	45,181,450	12,245,877	14,462,840	11,268,110	15,682,518
1966	33,417,874 ^r	46,751,605 ^r	11,850,469	13,927,000	12,221,142	17,028,000
1967	36,426,079	63,094,821	10,407,418	12,847,000	13,735,675	23,392,000

TABLE 29. TERRUURIUM

Year	Production		Year	Production	
	Pounds	Value		Pounds	Value
		\$			\$
1958	38,250	65,025	1963	76,842	499,473
1959	13,023	27,999	1964	77,782	505,583
1960	44,682	156,388	1965	69,794	453,661
1961	77,609	376,404	1966 ^r	72,239	469,553
1962	58,725	352,350	1967	82,098	530,379

TABLE 30. THORIUM

Year	Producers' shipments (ThO ₂)		Year	Producers' shipments (ThO ₂)	
	Pounds	Value		Pounds	Value
		\$			\$
1959	47,447	105,676	1964	97,892	411,519
1960	134,638	422,215	1965	46,339	188,865
1961	103,282	391,935	1966	87,393	210,523
1962	31,939	120,384	1967	117,388	222,983
1963	77,539	464,154			

TABLE 31. TIN

Year	Production of tin ¹		Imports in blocks, pigs		Consumption ²
	Tons	Value	Tons	Value	
			\$		\$
1958	398	625,260	3,876	7,060,387	3,688
1959	374	630,004	4,686	9,181,672	4,729
1960	312	522,243	4,220	8,257,625	4,246
1961	520	727,578	3,948	8,893,408	4,428
1962	325	442,640	2,547	6,203,708	5,047
1963	464	648,943	4,696	11,685,053	5,535
1964	176	533,572	5,431	17,567,853	5,401
1965	189	725,554	5,592	21,682,418	5,479
1966	355 ^r	916,870 ^r	4,764	16,884,000	..
1967	266	908,865	5,094	16,602,000	..

¹ Tin content of exported tin concentrates and tin-lead alloy.² Source: Special survey covering selected group of consumers.

TABLE 32. TITANIUM ORE

Year	Production		Year	Production	
	Tons	Value		Tons	Value
		\$			\$
1955	1,464	10,634	1960	2,947	16,265
1956	2,310	16,561	1961	—	—
1957	10,770	97,075	1962	—	—
1958	—	—	1963	—	—
1959	26,777	129,565	1964-67	—	—

Note: Titanium ore shipped to other than Canadian smelters.

TABLE 33. TUNGSTEN

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude	WO ₃ content	Value	Pounds	Value
		pounds	\$		\$
1958	1,022,000	690,976	1,898,455	884,110	300,155
1959	—	—	—	840,000	405,508
1960	—	—	—	1,156,900	963,008
1961	—	—	—	501,800	403,327
1962 .....	...	3,580	1,611	2,854,300	858,397
1963 .....	..	..	..	645,500	194,577
1964 .....	..	..	..	389,800	167,465
1965 .....	..	..	..	357,400	413,709
1966 .....	..	..	..	523,600	901,000
1967 .....	..	..	..	233,600	520,000

TABLE 34. URANIUM

Year	Producers' shipments (U ₃ O ₈)		Year	Producers' shipments (U ₃ O ₈)	
	Pounds	Value		Pounds	Value
		\$			\$
1958	26,805,232	279,538,471	1963	16,703,066	136,909,119
1959	31,784,189	331,143,043	1964	14,570,307	83,509,429
1960	25,495,369	269,938,192	1965	8,885,213	62,361,377
1961	19,281,465	195,691,624	1966r	7,863,690	54,334,787
1962	16,859,169	158,183,669	1967	7,448,471	49,237,508

TABLE 35. YTTRIUM

Year	Producers' shipments (Y ₂ O ₃)		Year	Producers' shipments (Y ₂ O ₃)	
	Pounds	Value		Pounds	Value
		\$			\$
1966	20,724	130,223	1967	160,078	1,689,864

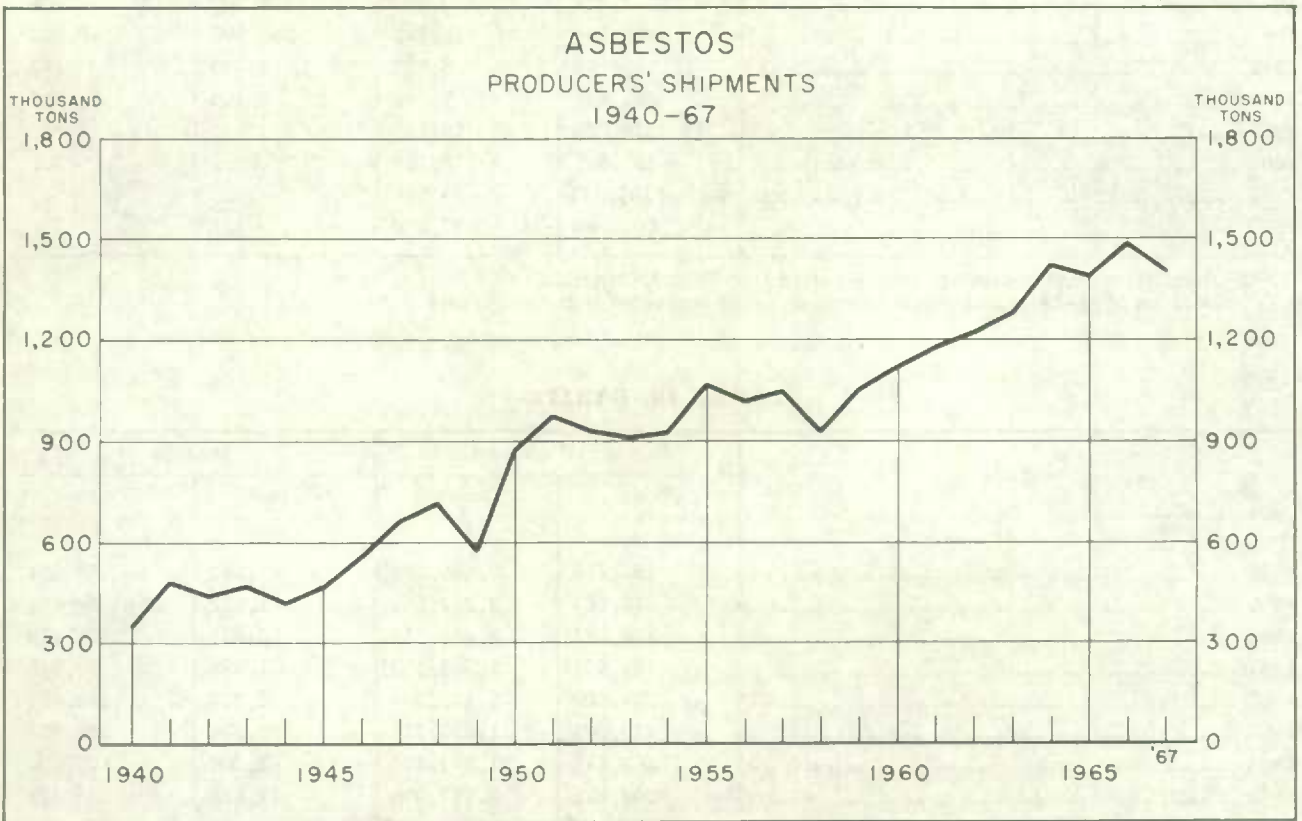
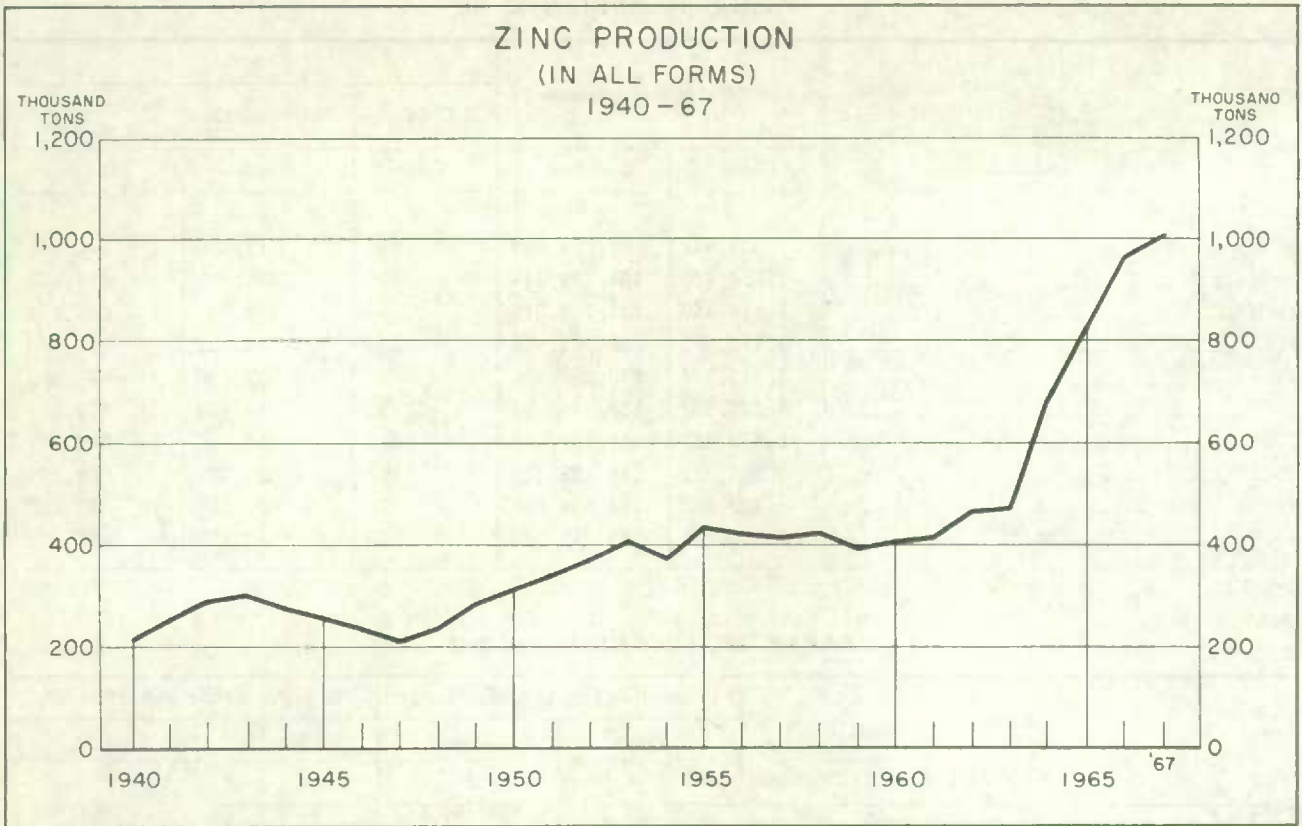


TABLE 38. ASBESTOS

Year	Producers' shipments		Exports		
			Crude	Milled fibres	Waste, refuse or shorts
	Tons	Value \$	Tons	Tons	Tons
1958	925,331	92,276,748	483	318,280	547,867
1959	1,050,429	107,433,344	416	401,583	611,923
1960	1,118,456	121,400,015	241	458,053	610,199
1961	1,173,695	128,955,900	176	527,324	589,380
1962	1,215,814	130,281,966	182	532,020	632,468
1963	1,275,530	136,956,180	195	555,419	650,811
1964	1,419,851	145,193,443	214	630,515	702,747
1965	1,388,212	146,188,473	123	630,777	688,504
1966	1,489,055 ^f	163,654,863 ^f	172	732,685	713,405
1967	1,400,708	163,011,249	229	653,280	688,535

TABLE 39. ARSENIOS OXIDE

Year	Production (crude and refined) ¹		Exports (crude and refined) ¹	
	Pounds ²	Value \$	Pounds	Value \$
	1958	2,323,320	94,542	1,703,200	67,731
1959	1,578,307	63,786	1,130,400	46,460
1960	1,724,326	70,400	1,054,200	37,908
1961	419,300	16,772	244,500	10,263
1962	160,750	6,832	3,500	178
1963	187,450	7,498	4,800	284
1964	323,900	16,195	..	..
1965	403,011	13,150	..	..
1966	701,537 ^f	35,610 ^f	..	..
1967	600,000	27,000	..	..

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

² Data for 1958-64 include some arsenious oxide recovered from foreign ores.

TABLE 40. BARITE

Year	Producers' shipments		Imports	
	Tons	Value \$	Tons	Value \$
	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	2,031	91,179
1961	191,404	1,799,119	1,890	94,248
1962	226,600	2,123,964	2,427	114,891
1963	173,503	1,693,119	3,830	195,938
1964	169,149	1,574,398	3,206	165,000
1965	203,025	2,167,006	3,686	205,257
1966	221,376 ^f	2,199,054 ^f	4,165	237,000
1967	199,576	2,061,735	5,924	305,000

TABLE 41. DIATOMITE

Year	Producers' shipments		Imports diatomaceous earth	
	Tons	Value	Tons	Value
		\$		\$
1958	27	540	27,258	1,184,427
1959	5	100	27,260	1,157,976
1960	44	1,430	28,990	1,245,518
1961	214	8,817	28,875	1,345,805
1962	211	10,228	26,098	1,380,738
1963	798	26,830	26,612	1,406,073
1964	1,143	64,555	25,089	1,349,330
1965	82	4,420	25,089	1,386,209
1966	70 ^f	3,755 ^f	29,220	1,579,000
1967 .....	..	..	33,329	1,792,000

TABLE 42. FELDSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958	20,387	359,966	1,140	22,753	9,956	160,621
1959	17,953	301,372	1,161	23,067	7,552	115,111
1960	13,862	239,273	1,338	27,545	3,183	73,811
1961	10,507	229,626	1,721	36,235	2,626	62,786
1962	9,994	222,460	1,901	43,846	3,698	87,499
1963	8,608	197,031	2,600	59,217	3,282	78,921
1964	9,149	212,052	..	..	3,386	80,426
1965	10,904	252,868	..	..	3,746	86,815
1966	10,924 ^f	254,714 ^f	..	..	3,424	78,000
1967	10,555	264,527	..	..	..	..

TABLE 43. FLUORSPAR

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958	1,542,589	30,408	763,438	7	980
1959	1,850,497	26,588	718,774	3,774	73,078
1960	1,921,820	59,690	1,486,107	10,312	311,989
1961	1,990,200	32,769	914,221	2,048	53,326
1962	1,870,184	67,847	2,052,056	..	10,366
1963	1,976,006	66,798	1,946,257	..	7,500
1964	2,258,796	69,986	2,061,000	..	5,625
1965	2,679,862	69,848	2,100,435	..	9,575
1966	1,895,754 ^f	75,324	2,143,000	..	6,000
1967	2,099,720	94,244	2,609,000	..	..

TABLE 44. GEM STONES¹

	Producers' shipments			Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1959	15,000	5,000	1964	11,537	13,804
1960	50,300	10,325	1965	71,129 ²	16,355 ²
1961	69,751	20,876	1966	11,633	13,225
1962	56,935	20,760	1967	4,230	23,060
1963	16,000	15,529			

¹ Jade or nephrite recovered in British Columbia.

² Includes amethyst quarried in Ontario.

TABLE 45. 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			
1958	—	—	53,219	166,056	909,226	—
1959	—	—	64,014	224,204	976,250	—
1960	—	—	75,714	236,148	905,756	—
1961	1	146	47,450	215,788	945,258	—
1962	—	—	58,351	254,447	1,362,492	—
1963	—	—	86,991	284,206	2,353,816	—
1964	—	—	..	308,524	..	—
1965	—	—	..	278,367	..	—
1966	—	—	..	278,000	..	—
1967	—	—	..	232,000	..	—

TABLE 46. GYPSUM

Year	Producers' shipments		Exports of crude gypsum	
	Tons	Value	Tons	Value
		\$		\$
1958	3,964,129	5,189,159	2,898,230	4,871,440
1959	5,878,630	8,393,703	4,848,576	9,844,602
1960	5,205,731	9,498,711	4,273,668	7,053,690
1961	4,940,037	7,750,748	3,819,345	5,553,551
1962	5,332,809	9,349,775	4,162,997	5,630,206
1963	5,955,266	11,237,952	4,703,118	7,674,340
1964	6,360,685	11,523,937	5,057,253	9,060,708
1965	6,305,629	12,533,384	4,746,638	8,335,175
1966	5,976,164 ^r	12,312,220 ^r	4,672,518	8,327,000
1967	5,119,955	10,761,535	3,896,134	7,323,000

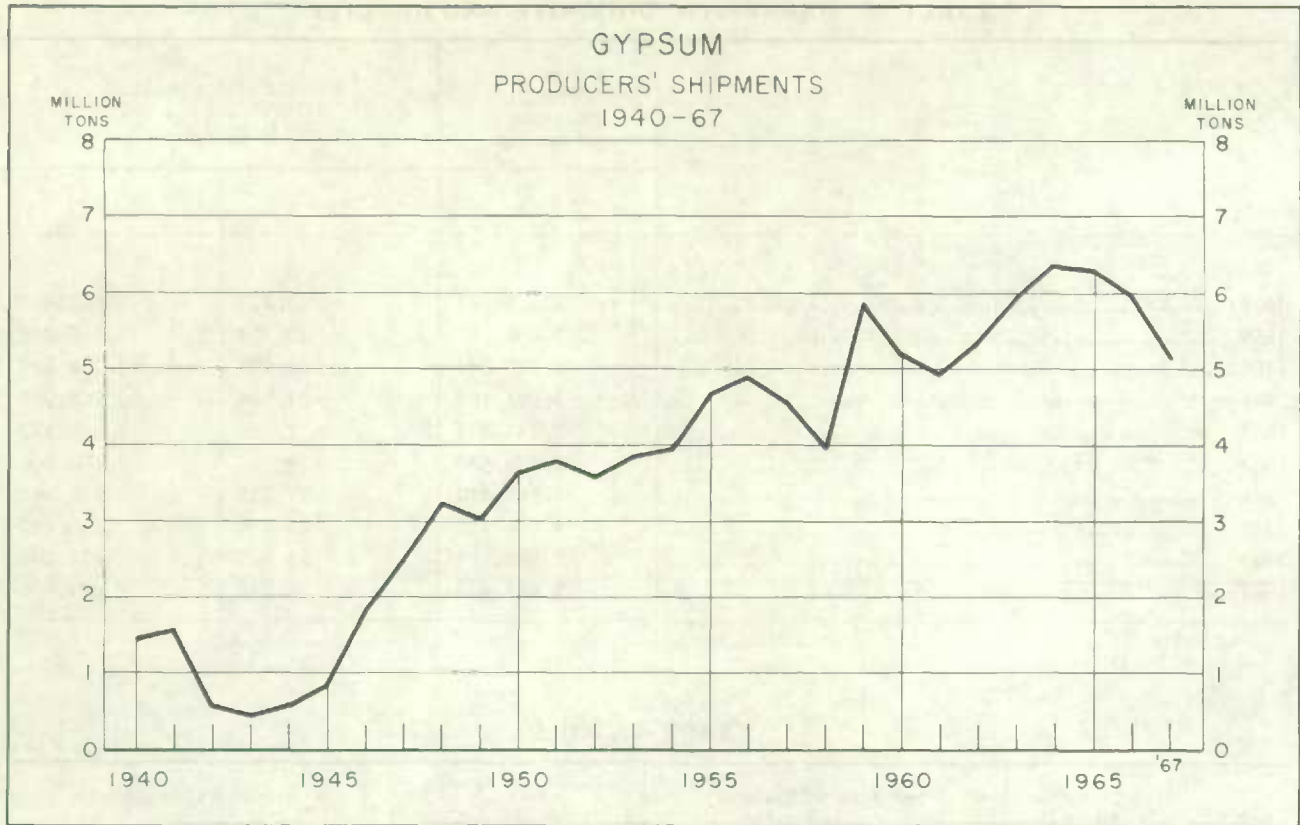


TABLE 47. IRON OXIDES (Natural)

Year	Producers' shipments		Year	Producers' shipments	
	Tons	Value		Tons	Value
		\$			\$
1958	1,632	113,390	1963	978	74,505
1959	1,235	108,286	1964	1,033	79,250
1960	909	76,780	1965	309	13,879
1961	808	68,199	1966 ^f	390	10,199
1962	771	58,363	1967	700	28,000

TABLE 48. LITHIA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1958	3,853,322	2,047,880	1963	644,354	682,029
1959	2,756,280	1,422,153	1964	1,056,408	1,155,282
1960	204,666	84,135	1965	1,013,565	1,141,426
1961	536,190	392,871	1966 ^f	253,566	260,611
1962	499,736	558,654	1967	564,977	266,226

TABLE 49. MAGNESITIC DOLOMITE AND BRUCITE

Year	Shipments magnesitic dolomite and brucite	Imports of dead-burned sintered and calcined magnesite	
	Value	Ton	Value
	\$		\$
1958	2,529,161	13,971	1,063,911
1959	3,050,779	20,113	1,505,097
1960	3,279,021	24,178	1,739,577
1961	3,064,403	21,944	1,708,067
1962	3,431,873	27,566	2,128,447
1963	3,439,890	18,642	1,404,800
1964	3,569,619	27,755	1,918,063
1965	4,010,927	36,020	2,663,690
1966	3,948,599 ^f	34,817	2,658,000
1967	3,441,405	38,242	3,024,000

TABLE 50. MICA

Year	Producers' shipments		Year	Producers' shipments	
	Pounds	Value		Pounds	Value
		\$			\$
1958	1,504,933	89,651	1963	1,183,041	44,284
1959	813,384	63,004	1964	1,198,162	86,025
1960	1,702,605	94,203	1965	547,611	25,414
1961	1,816,160	125,377	1966 ^f	540,720	18,415
1962	1,204,034	84,598	1967 .....	..	..

TABLE 51. NEPHELINE SYENITE

Year	Producers' shipments		Exports	
	Tons	Value	Tons	Value
		\$		\$
1958	201,306	2,613,446	160,081	2,098,421
1959	228,722	2,930,932	178,120	2,345,341
1960	240,636	2,891,095	193,298	2,373,354
1961	240,320	2,572,169	194,598	2,249,348
1962	254,418	2,605,421	193,658	2,210,834
1963	254,000	2,699,202	203,262	2,213,942
1964	290,300	3,097,172	226,971	2,630,185
1965	339,982	3,415,387	247,200	2,968,702
1966	366,696 ^f	4,109,744 ^f	263,624	3,098,000
1967	406,298	4,349,320	307,613	3,532,000

TABLE 52. PEAT MOSS

Year	Producers' shipments		Exports ¹	
	Tons	Value	Tons	Value
		\$		\$
1958	149,013	4,778,660	129,138	7,507,463
1959	184,049	6,226,688	161,236	8,976,389
1960	185,784	6,088,138	157,490	8,825,540
1961	224,031	7,295,087	187,621	10,414,574
1962	238,035	7,480,396	205,222	10,999,085
1963	243,346	8,485,921	206,911	9,901,186
1964	255,475	8,399,648	217,630	10,200,315
1965	287,845	8,982,979	231,465	10,396,284
1966	284,572	7,187,254	264,047	10,347,000
1967	277,163	7,362,857	246,036	10,885,000

¹ Peat moss and other mosses.

TABLE 53. POTASH

Year	Producers' shipments K ₂ O (equivalent)	
	Tons	Value
1959 .....	..	1,408,462
1960 .....	..	178,700
1961	—	—
1962 .....	..	3,000,000
1963	626,860	22,500,000
1964	858,351	31,161,954
1965	1,491,301	55,970,527
1966	1,990,053 ^r	62,664,666 ^r
1967	2,578,200	77,346,000

TABLE 54. PYRITE, PYRRHOTITE

Year	Producers' shipments			Year	Producers' shipments		
	Gross weight	Sulphur content	Value		Gross weight	Sulphur content ¹	Value
	tons		\$		tons		\$
1958	1,191,731	512,427	4,248,688	1963	476,438	235,410	1,643,629
1959	1,099,564	465,611	3,433,095	1964	351,850	173,182	1,126,167
1960	1,032,288	437,790	3,316,378	1965	382,177	186,960	1,285,252
1961	517,258	255,376	1,830,566 ¹	1966	326,954 ^r	162,300	1,139,141 ^r
1962	517,308	257,084	1,879,584	1967	375,390	185,994	1,689,566

¹ Method of compilation changed in 1961. Iron residue from pyrite and pyrrhotite roasting now included in iron industry.

TABLE 55. QUARTZ

Year	Producers' shipments of quartz, quartzite, etc.		Exports of quartzite	
	Tons	Value	Tons	Value
		\$		\$
1958	1,453,656	2,538,150	17,074	72,797
1959	2,163,546	3,436,730	147,412	465,166
1960	2,260,766	3,266,705	13,057	44,505
1961	2,194,054	3,152,882	26,774	116,109
1962	2,085,620	3,817,445	156,205	489,999
1963	1,836,612	3,687,979	47,437	216,489
1964	2,117,273	4,506,038	146,206	425,371
1965	2,433,685	5,123,942	111,533	369,310
1966	2,299,660 ^r	5,514,041 ^r	156,038	530,000
1967	2,234,330	5,527,745	56,200	170,000

TABLE 56.

Year	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
		\$		\$		\$
1958	12,024	150,960	542	22,567	603,343	2,114,555
1959	13,815	184,451	786	26,477	792,129	2,525,319
1960	10,521	161,239	1,232	21,403	720,876	2,404,685
1961	10,327	191,336	1,339	30,953	693,220	2,490,688
1962	8,960	175,509	1,193	29,696	765,431	2,992,626
1963	11,882	204,696	1,812	38,110	782,157	3,045,078
1964	5,176	327,305	..	..	771,900	3,509,670
1965	5,104	395,109	..	..	834,780	3,452,428
1966	288	395,000	..	..	1,013,285	3,863,000
1967	142	385,000	..	..	952,459	4,008,000

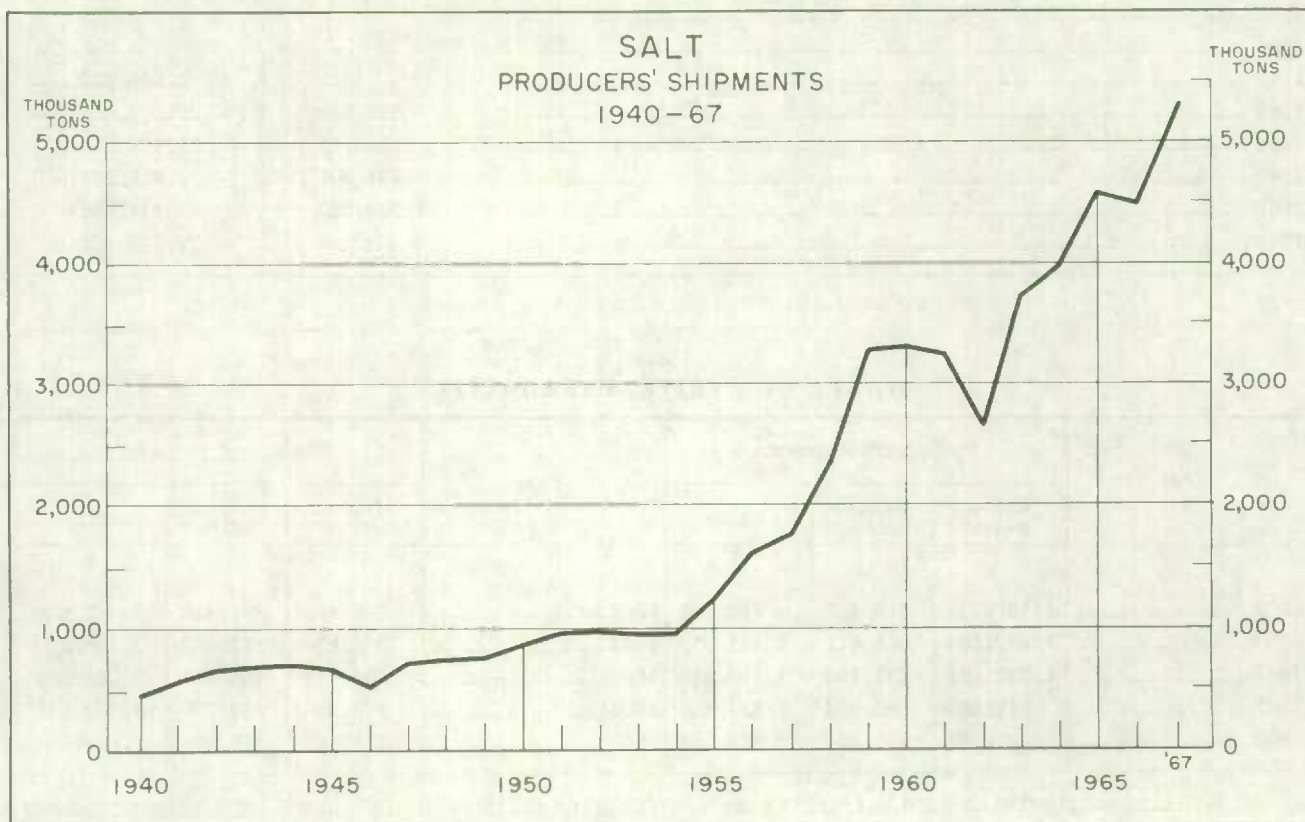


TABLE 57. SALT

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
		\$		\$		\$		\$		\$
1958	2,375,192	14,989,542	56,977	247,374	267,423	946,159	16,445	275,123	406,707	2,917,269
1959	3,289,976	18,034,522	63,789	258,079	291,378	1,017,556	15,625	239,234	1,274,077	4,639,522
1960	3,314,920	19,355,658	65,100	261,236	155,918	320,858	10,170	202,906	...	3,461,366
1961	3,246,527	19,552,006	60,515	255,544	126,485	436,664	10,992	228,908	...	2,829,138
1962	3,638,778	21,927,135	47,672	180,969	185,961	608,072	11,015	223,824	...	3,987,668
1963	3,721,994	22,316,565	66,835	304,254	254,598	1,011,493	11,148	266,159	...	3,701,356
1964	3,988,598	23,203,742	45,665	225,000	359,909	1,705,000	..	..	...	3,618,569
1965	4,584,096	23,985,844	51,846	221,229	389,755	1,728,623	..	..	...	4,996,509
1966	4,492,034 ¹	23,846,188 ¹	..	..	509,548 ¹	2,118,000	..	..	...	3,588,000
1967	5,301,958	28,622,306	..	..	567,012	2,571,000	..	..	...	5,926,000

¹ Imports of salt and brine, n.e.s.

TABLE 58. Producers' Shipments of Salt, by Province

Year	Nova Scotia		Ontario		Manitoba		Saskatchewan		Alberta	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
1958	125,872	2,026,551	2,126,483	10,204,472	20,560	617,150	46,511	1,157,729	55,766	983,640
1959	120,225	1,897,708	3,036,230	13,228,977	23,547	625,831	48,776	1,189,675	61,198	1,092,331
1960	163,901	2,256,423	3,007,599	13,994,545	21,925	561,161	49,064	1,337,096	72,431	1,206,433
1961	225,875	2,659,119	2,861,705	13,586,373	23,103	629,129	51,964	1,322,311	83,880	1,355,074
1962	312,519	3,112,753	3,155,589	15,387,911	25,010	634,538	54,931	1,337,471	90,729	1,454,462
1963	356,902	4,043,804	3,187,491	14,793,161	24,883	618,533	56,301	1,364,490	96,417	1,496,577
1964	448,808	4,939,806	3,335,683	14,552,559	27,744	630,670	74,952	1,487,277	101,411	1,593,430
1965	459,114	4,607,548	3,900,484	15,499,274	29,834	650,193	78,958	1,413,001	115,706	1,815,828
1966 ^f	474,981	4,724,993	3,782,191	15,243,719	27,069	660,894	84,979	1,443,635	122,814	1,772,947
1967	470,950	4,152,500	4,579,913	20,240,156	25,800	647,000	91,145	1,671,000	134,150	1,911,650

TABLE 59. SODIUM SULPHATE (Natural)

Year	Producers' shipments of natural sodium sulphate		Imports			
			Salt cake		Glauber's salt	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958	173,217	2,862,915	25,812	478,215	1,217	38,792
1959	179,535	2,881,861	27,157	511,162	966	39,907
1960	214,208	3,449,155	24,706	472,084	1,151	38,350
1961	250,996	4,036,625	32,310	575,015	899	29,023
1962	246,672	3,954,273	31,347	608,958	426	22,579
1963	256,914	4,121,114	19,002	386,037	495	28,180
1964	333,263	5,222,313	30,833	599,443	..	..
1965	345,469	5,527,281	29,347	537,009	..	..
1966	405,314 ^f	6,471,795 ^f	31,362	583,000	..	..
1967	425,033	6,615,494	27,621	572,000	..	..

TABLE 60. 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	Value	Tons	Value	Value
		\$		\$		\$	\$
1958.....	241,055	2,361,252	94,377	1,872,832	375,331	8,324,191	1,879,251
1959.....	277,030	2,716,416	145,656	2,620,787	332,430	6,924,938	1,018,608
1960.....	289,620	2,854,623	274,359	4,298,906	328,765	6,629,239	1,259,151
1961.....	277,056	2,708,110	394,762	7,287,881	329,556	7,094,216	899,755
1962.....	292,728	3,089,537	695,098	9,286,999	195,089	4,637,588	890,055
1963.....	353,243	3,488,181	1,249,887	13,380,182	150,637	3,505,395	937,883
1964.....	443,448	4,261,912	1,788,165	18,637,597	149,567	3,474,521	878,545
1965.....	444,758	4,317,362	2,068,394	26,394,595	162,201	3,828,879	978,828
1966.....	500,338 [†]	6,050,750 [†]	2,041,528 [†]	40,253,685 [†]	145,465	4,160,000	981,000
1967.....	482,614	5,860,631	2,322,223	70,021,487	124,781	4,346,000	1,067,000

¹ Includes sulphur in acid made from zinc sulphide at Arvida, Port Maitland and Valleyfield.

Note: Pyrite data shown in Table 52.

TABLE 61. 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
		\$		\$		\$		\$
1958.....	8,725	125,511	26,680	303,625	16,593	584,666	1,930	24,713
1959.....	8,796	125,903	30,380	386,226	18,501	696,949	2,053	29,796
1960.....	7,189	102,645	34,447	420,536	19,153	807,429	1,660	24,272
1961.....	7,417	107,660	40,699	582,970	20,205	898,834	..	..
1962.....	8,082	127,912	38,079	497,396	24,148	1,119,919	..	..
1963.....	6,903	107,986	47,347	649,892	27,539	1,288,844	..	..
1964.....	8,060	136,468	50,072	691,289	31,598	1,385,625	..	..
1965.....	8,028	137,458	44,809	624,844	27,858	1,242,909	..	..
1966.....	13,509 [†]	219,924 [†]	56,635 [†]	816,526 [†]	24,918	1,168,000	..	..
1967.....	13,600	240,000	45,800	679,000	26,482	1,249,000	..	..

¹ Includes some low-grade talc.

² Includes pyrophyllite.

TABLE 62. TITANIUM DIOXIDE, ETC.

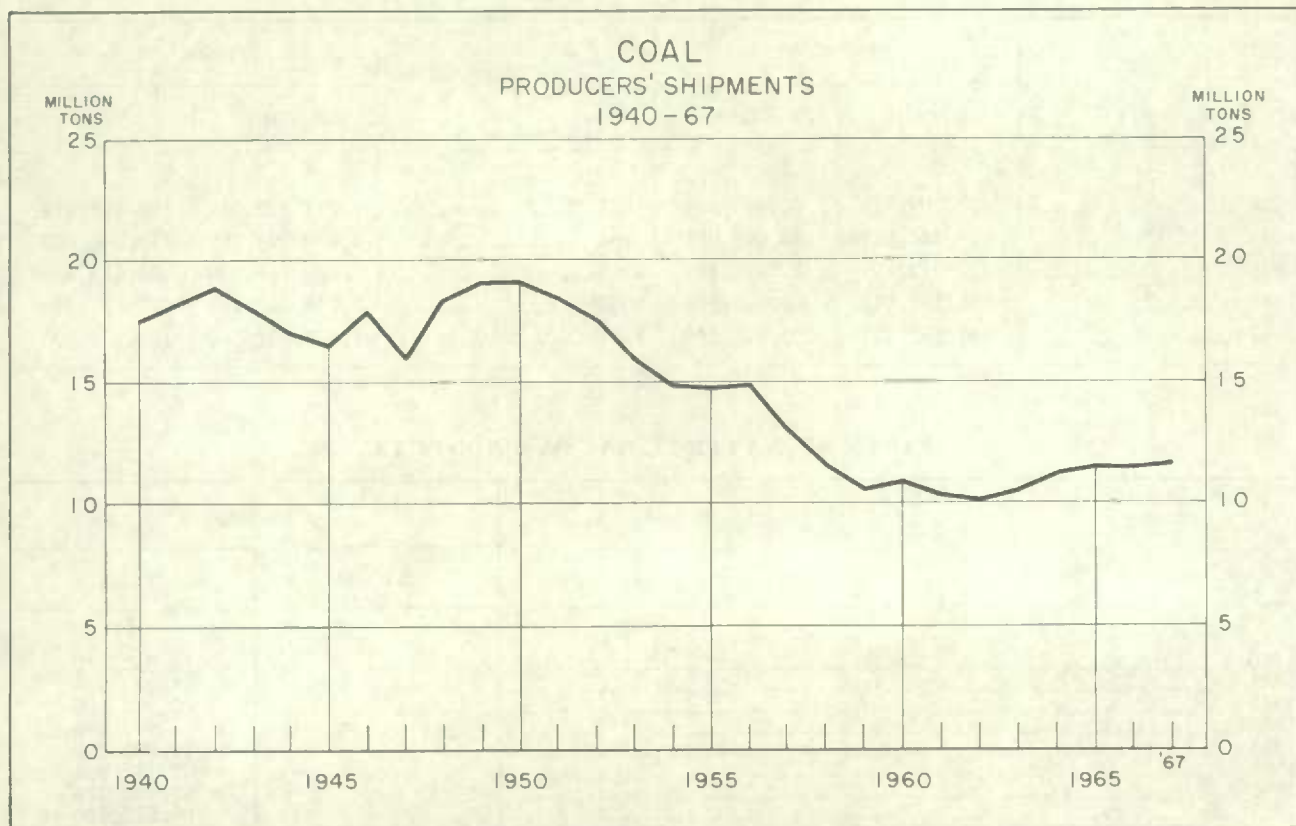
Year	Production	
	Tons	Value
		\$
1958.....	..	6,575,077
1959.....	..	8,507,149
1960.....	..	12,947,000
1961.....	..	11,573,862
1962.....	..	14,249,953
1963.....	255,509	13,806,608 ¹
1964.....	379,925	21,270,144 ¹
1965.....	410,255	22,425,094 ¹
1966.....	362,298 [†]	20,505,484 ¹ [†]
1967.....	..	23,704,420 ¹

¹ Producers' shipments.

FUELS

TABLE 63. COAL

Year	Production		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958	11,687,110	79,963,327	14,196,652	86,818,345	338,544	2,907,513
1959	10,626,722	73,875,895	14,254,639	84,908,838	473,768	3,582,313
1960	11,011,138	74,676,240	13,864,846	76,814,031	852,921	6,789,163
1961	10,397,704	70,052,683	12,316,162	71,717,030	939,360	8,540,749
1962	10,284,769	69,160,213	12,614,189	74,171,490	893,919	8,207,354
1963	10,575,694	71,756,581	13,370,406	78,663,353	1,054,367	9,870,185
1964	11,319,323	72,735,085	14,989,114	86,240,716	1,278,118	11,843,644
1965	11,588,616	75,901,126	16,595,393	125,946,362	1,225,994	12,671,785
1966	11,391,569 ^r	81,559,794 ^r	16,436,755	140,810,000	1,228,820	13,202,000
1967	11,557,000	83,621,000	16,094,190	145,158,000	1,338,353	15,092,000



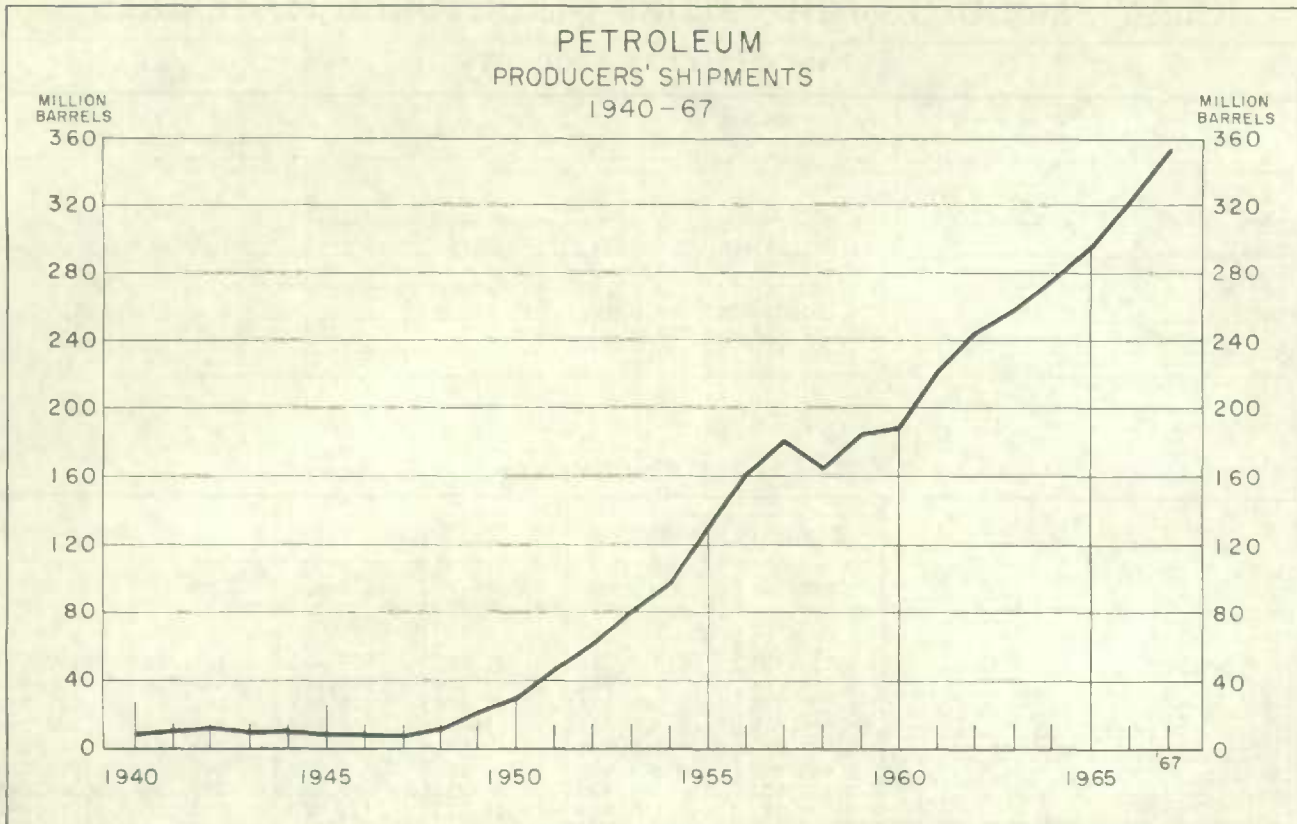


TABLE 67. Crude Petroleum Production, by Province

Year	New Brunswick		Ontario		Manitoba		Saskatchewan	
	Barrels	Value	Barrels	Value	Barrels	Value	Barrels	Value
		\$		\$		\$		\$
1958.....	15,189	21,265	778,341	2,623,000	5,829,226	14,415,676	44,626,148	96,704,863
1959.....	14,479	20,271	1,001,580	3,194,000	5,056,075	11,619,872	47,442,498	97,731,546
1960.....	14,148	19,807	1,005,030	3,150,065	4,764,045	10,690,384	51,908,428	103,957,009
1961.....	12,024	16,833	1,149,087	3,546,740	4,480,348	10,156,000	55,860,104	115,719,791
1962.....	10,333	14,460	1,134,534	3,661,174	3,926,683	9,435,819	64,432,411	141,783,520
1963.....	7,381	10,333	1,205,376	3,459,429	3,771,163	9,188,635	71,303,893	160,226,978
1964.....	4,688	6,516	1,246,682	4,014,316	4,417,224	10,296,549	81,377,641	186,171,931
1965.....	4,103	5,744	1,279,321	4,093,318	4,946,509	12,252,503	87,775,205	200,478,568
1966 ^F	6,836	20,508	1,323,781	4,236,099	5,230,712	12,956,474	93,218,119	212,723,748
1967.....	9,000	27,000	1,228,000	3,870,000	5,567,000	13,894,500	92,915,500	212,033,500
		\$		\$		\$		\$
	Alberta		British Columbia		Northwest Territories		Canada	
		\$		\$		\$		\$
1958.....	113,277,847	283,262,592	512,359	1,022,156	457,086	698,266	165,496,196	398,747,818
1959.....	129,967,312	306,917,803	866,234	1,583,129	430,319	1,025,914	184,778,497	422,092,535
1960.....	130,506,968	302,841,423	867,057	1,626,590	468,545	641,219	189,534,221	422,926,497
1961.....	157,811,712	355,530,845	1,017,826	1,859,873	516,979	730,160	220,848,080	487,560,242
1962.....	165,124,967	379,830,363	8,914,220	16,872,122	572,004	755,045	244,115,152	552,352,509
1963.....	168,214,054	416,844,350	12,528,681	24,841,518	631,229	633,754	257,661,777	615,204,997
1964.....	175,441,589	450,186,921	11,525,601	23,261,946	586,296	438,549	274,599,721	674,376,728
1965.....	188,298,021	474,385,000	13,470,757	29,759,595	614,998	614,941	296,418,914	721,589,669
1966 ^F	203,339,433	524,005,719	16,671,328	36,726,936	752,585	842,895	320,542,794	791,512,379
1967.....	231,587,000	613,241,500	20,530,500	42,625,500	689,000	792,500	352,526,000	886,484,500

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

TABLE 68. CLAY PRODUCTS

Year	Producers' shipments	Year	Producers' shipments
	\$		\$
1958.....	41,709,903	1963.....	38,154,294
1959.....	42,515,448	1964.....	40,830,585
1960.....	38,226,538	1965.....	42,837,582
1961.....	36,982,948	1966.....	42,956,085 ^r
1962.....	37,816,878	1967.....	43,549,419

TABLE 69. CEMENT

Year	Producers' shipments		Imports		Exports	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958.....	6,153,421	96,414,142	41,550	998,858	141,250	2,467,490
1959.....	6,284,486	95,147,798	29,256	858,863	303,126	5,003,307
1960.....	5,787,225	93,261,473	22,478	728,051	181,117	2,821,007
1961.....	6,205,948	103,923,644	1,381 ¹	36,965	249,377	3,866,233
1962.....	6,878,729	113,233,726	2,973 ¹	48,383	219,164	3,464,211
1963.....	7,013,662	118,614,929	160 ¹	3,727	272,803	4,201,720
1964.....	7,847,384	130,704,220	250 ¹	5,862	297,669	4,688,640
1965.....	8,427,702	142,523,169	15,577 ¹	115,000	334,887	5,213,685
1966.....	8,930,552 ^r	156,300,622 ^r	..	..	407,395	6,571,000
1967.....	7,714,356	146,401,454	..	..	328,018	5,203,000

¹ Includes standard portland cement, excludes white clinker.

TABLE 70. Producers' Shipments of Cement, by Province

Year	Newfoundland		Nova Scotia		New Brunswick		Quebec		Ontario	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$		\$
1958.....	50,992	1,079,071	—	—	180,166	2,934,058	1,903,635	28,686,095	2,400,158	35,195,552
1959.....	71,253	1,291,516	—	—	170,793	2,606,301	1,975,452	29,520,710	2,386,334	31,731,767
1960.....	93,160	1,688,664	—	—	163,245	2,546,622	1,875,997	28,315,159	2,007,044	30,699,800
1961.....	86,549	1,789,980	—	—	170,953	2,754,052	2,029,159	31,412,617	2,226,923	35,671,569
1962.....	96,916	1,985,524	—	—	169,823	2,774,908	2,242,591	33,330,630	2,510,783	38,704,090
1963.....	92,460	1,848,347	—	—	161,833	2,658,949	2,330,641	36,938,775	2,552,665	39,551,719
1964.....	90,453	1,833,743	—	—	174,238	2,908,033	2,631,187	41,627,483	3,043,771	46,804,126
1965.....	93,777	1,987,220	45,067	764,787	177,254	2,940,644	2,836,645	45,805,893	3,145,873	50,055,554
1966 ^r	63,541	1,632,982	187,225	3,143,670	249,032	4,141,046	2,935,987	47,872,474	3,242,591	52,680,630
1967.....	90,003	1,532,526	196,113	3,517,110	228,214	4,042,648	2,207,966	41,804,530	2,720,929	48,122,596
	Manitoba		Saskatchewan		Alberta		British Columbia			
		\$		\$		\$		\$		\$
1958.....	378,823	6,580,276	194,734	4,506,803	635,516	10,676,668	409,397	6,755,619		
1959.....	402,562	7,314,552	161,057	3,954,737	689,854	11,678,577	427,181	7,049,638		
1960.....	429,788	8,105,802	169,282	3,997,809	663,856	11,474,865	384,853	6,432,752		
1961.....	395,134	7,768,334	201,950	4,985,021	677,914	12,420,025	417,366	7,122,046		
1962.....	432,079	8,715,034	230,072	5,830,227	799,030	14,780,423	397,435	7,112,890		
1963.....	455,325	9,684,760	217,545	5,672,084	727,122	13,713,527	476,071	8,546,768		
1964.....	350,762	7,530,860	247,600	5,612,241	771,977	14,346,958	537,396	10,040,776		
1965.....	421,840	8,884,734	233,630	5,286,894	871,738	15,597,836	601,878	11,199,607		
1966 ^r	508,152	10,221,927	214,145	4,963,191	822,360	15,685,259	707,519	15,959,443		
1967.....	406,564	8,390,839	280,039	6,801,520	880,586	17,910,266	703,942	14,279,419		

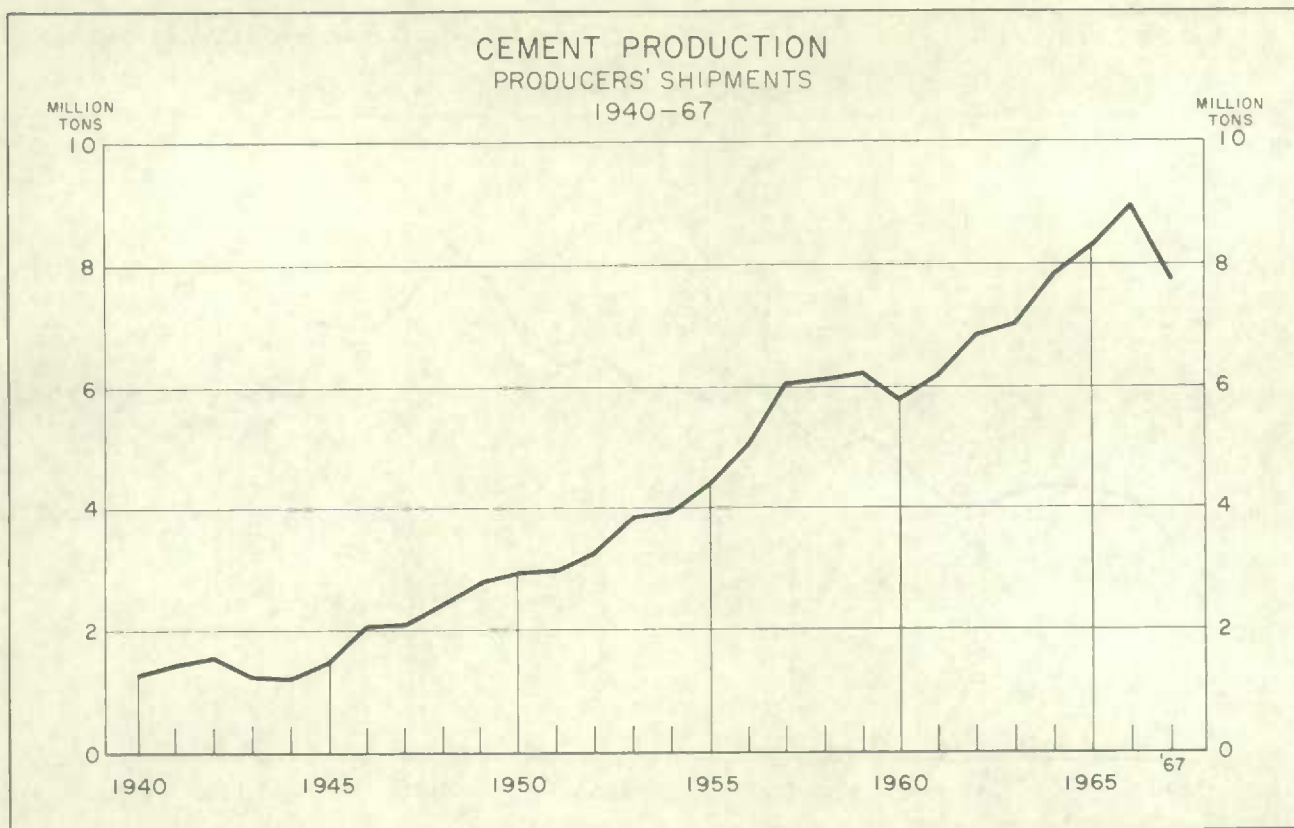
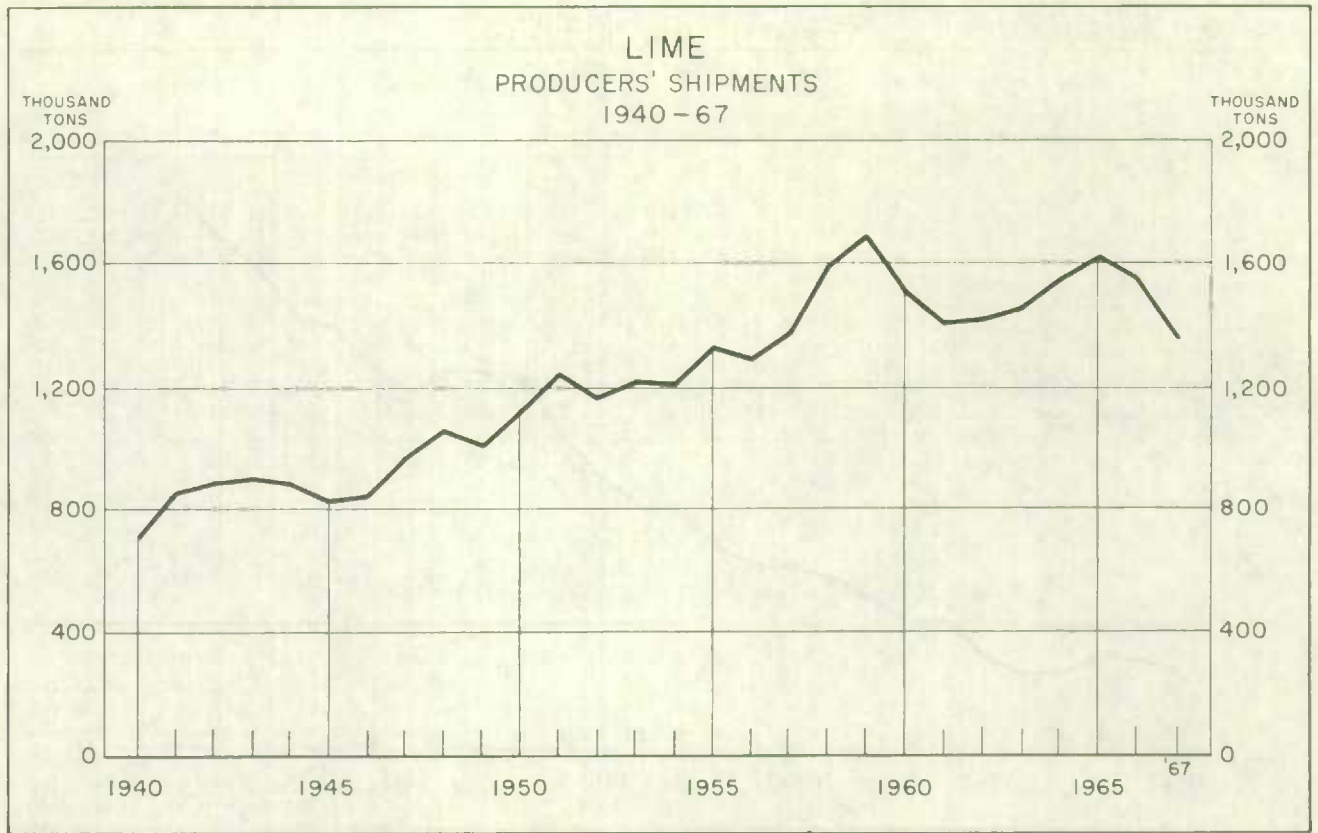


TABLE 71. LIME

Year	Producers' shipments					
	Quicklime		Hydrated lime		Total	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958	1,258,089	15,371,452	338,323	4,094,371	1,596,422	19,465,823
1959	1,359,666	17,255,903	326,059	4,048,118	1,685,725	21,304,021
1960	1,213,597	15,609,573	315,971	3,692,217	1,529,568	19,301,790
1961	1,142,354	15,631,387	272,936	3,585,984	1,415,290	19,217,371
1962	1,181,058	14,148,347	243,401	3,498,241	1,424,549	17,646,588
1963	1,204,824	14,915,096	245,907	3,589,124	1,450,731	18,504,220
1964	1,249,394	15,019,966	291,333	4,388,738	1,540,727	19,408,704
1965	1,340,386	15,998,141	280,018	4,136,167	1,620,404	20,134,308
1966†	1,293,982	14,792,582	261,055	3,547,142	1,555,037	18,339,724
1967 .....	..	..	..	..	1,354,263	16,737,960



SAND AND GRAVEL

TABLE 72. Producers' Shipments, by Provinces

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	4,062,985	1,484,160	..	..	2,333,792	2,377,246	4,015,975	1,750,657
1959	4,825,724	2,306,864	5,244,968	2,859,171	8,032,122	5,022,575	5,093,496	2,895,642
1960	3,912,533	3,069,395	474,184	422,587	8,717,693	6,020,239	6,184,924	2,091,227
1961	3,383,724	2,777,393	544,497	381,644	5,574,377	6,513,612	5,014,234	2,776,139
1962	4,250,942	3,504,594	531,196	452,906	4,375,842	2,738,424	5,128,365	2,790,933
1963	4,640,993	4,276,626	629,475	573,345	6,633,581	4,086,794	4,417,611	2,720,159
1964	4,657,737	3,501,694	608,923	481,283	6,562,341	4,244,659	4,699,626	2,640,549
1965	4,258,678	3,785,701	412,064	374,081	6,638,138	4,563,277	4,569,025	2,638,728
1966	3,599,421	3,584,261	4,989,997	2,556,780	8,109,366	10,756,417	5,367,393	2,990,458
1967	2,543,000	2,380,000	950,000	1,404,000	5,760,000	7,630,000	8,390,000	4,450,000
	Quebec		Ontario		Manitoba		Saskatchewan	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	40,507,787	20,570,574	67,469,064	40,055,031	9,997,546	6,025,156	5,380,151	2,826,245
1959	42,449,734	21,269,248	73,981,703	39,695,602	9,261,553	4,686,315	5,898,136	2,903,486
1960	46,255,963	22,620,093	77,660,833	43,929,708	10,860,566	5,907,596	8,952,539	4,717,271
1961	44,126,199	21,793,232	70,208,199	40,344,071	7,402,385	5,817,415	7,626,197	4,235,777
1962	44,000,000	23,000,000	76,600,813	52,365,204	9,692,025	6,770,210	5,317,336	3,344,568
1963	42,375,911	20,186,642	80,259,750	56,338,204	9,653,471	6,947,039	7,368,017	3,980,098
1964	44,500,000	21,360,000	76,917,396	54,589,444	9,871,883	7,311,781	9,266,648	5,885,697
1965	45,101,021	21,010,210	88,564,687	63,405,954	10,462,840	7,378,750	8,808,104	5,715,827
1966	45,876,782	21,562,088	94,123,982	67,245,821	9,675,796	5,806,203	8,314,360	5,089,410
1967	45,650,000	21,350,000	98,760,000	70,670,000	12,060,000	8,140,000	8,100,000	5,335,000

TABLE 72. Producers' Shipments, by Provinces - Concluded

	Alberta		British Columbia		Canada	
	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$
1958	13,226,668	12,717,750	13,216,976	8,475,544	160,210,945	96,282,363
1959	13,271,695	11,949,099	17,064,615	11,063,459	185,123,746	104,651,461
1960	13,385,970	11,858,520	15,669,293	10,527,250	192,074,498	111,163,886
1961	12,591,944	10,927,057	14,279,191	9,087,792	170,750,947	104,654,132
1962	13,469,848	12,644,098	17,879,395	10,992,346	181,245,762	118,603,283
1963	16,139,744	14,894,547	17,451,950	9,850,800	189,570,503	123,854,254
1964	16,777,687	13,302,424	19,929,117	11,914,601	193,791,358	125,232,132
1965	14,377,337	11,437,693	22,068,370	13,510,233	205,260,264	133,819,824
1966	12,886,213	10,298,933	24,295,400	21,634,731	217,238,710	151,525,102
1967	14,920,000	14,310,000	24,770,000	22,460,000	221,903,000	158,129,000

STONE

TABLE 73. Producers' Shipments, by Provinces

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick	
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	282,439	536,535			435,047	1,008,469	2,100,687	1,909,563
1959	352,231	583,419	1,700,000	1,700,000	1,393,668	1,732,694	2,119,136	1,964,356
1960	380,843	644,588	750,000	750,000	914,937	1,643,427	1,883,867	1,413,795
1961	322,820	633,963	225,000	225,000	1,021,880	1,657,690	2,957,886	3,155,844
1962	227,707	445,091	225,000	225,000	548,834	1,330,708	2,950,906	3,077,423
1963	382,260	827,465	225,000	225,000	457,525	1,199,580	4,416,799	4,126,713
1964	285,357	553,553	350,000	350,000	504,434	1,361,304	3,058,061	2,982,459
1965	174,985	496,590	225,306	225,306	429,078	1,391,201	2,139,517	2,862,435
1966	153,000	318,000	200,000	200,000	605,458	1,837,851	3,544,301	3,084,172
1967	77,600	94,700	300,000	300,000	603,116	1,679,265	3,573,497	3,222,818
	Quebec		Ontario		Manitoba			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	16,963,511	27,327,917	15,756,560	20,670,480	540,703	983,463		
1959	20,437,243	28,809,582	17,288,796	22,053,425	526,696	771,261		
1960	20,394,509	28,458,115	17,938,583	23,220,659	673,598	1,050,535		
1961	22,648,010	32,525,279	18,361,843	23,493,092	594,921	1,005,707		
1962	24,173,016	33,242,778	18,797,648	25,043,550	943,765	1,588,674		
1963	30,003,825	39,406,180	20,402,614	25,073,707	3,693,144	4,643,636		
1964	37,805,163	45,255,578	23,845,993	30,818,734	1,035,248	1,162,510		
1965	44,159,242	50,133,657	24,659,053	32,284,988	970,536	1,552,457		
1966	48,964,155	56,126,687	25,702,843	33,602,286	2,022,876	3,417,682		
1967	48,849,204	53,176,475	25,036,351	36,624,829	1,836,507	2,872,699		
	Alberta		British Columbia		Canada			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$		\$		\$		\$
1958	91,882	249,668	1,985,818	2,896,834	38,156,647	55,582,929		
1959	528,961	662,915	2,092,804	2,681,132	46,439,535	60,958,784		
1960	167,201	310,427	2,255,911	3,149,075	45,359,449	60,640,621		
1961	96,753	337,150	2,709,691	3,533,943	48,938,804	66,567,668		
1962	105,695	368,608	2,580,914	3,544,526	50,553,485	68,866,358		
1963	138,894	416,426	2,935,268	3,964,712	62,655,329	79,883,419		
1964	129,364	417,024	2,780,738	3,981,521	69,794,358	86,882,683		
1965	167,782	522,096	3,832,606	5,378,291	76,758,105	94,847,021		
1966	144,433	544,737	3,537,321	5,855,951	84,874,387	104,987,366		
1967	180,444	702,122	3,196,040	5,739,382	83,652,759	104,412,290		

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