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PRELIMINARY REPORT ON  
MINERAL PRODUCTION  
1952



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QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1953



DOMINION BUREAU OF STATISTICS  
Department of Trade and Commerce

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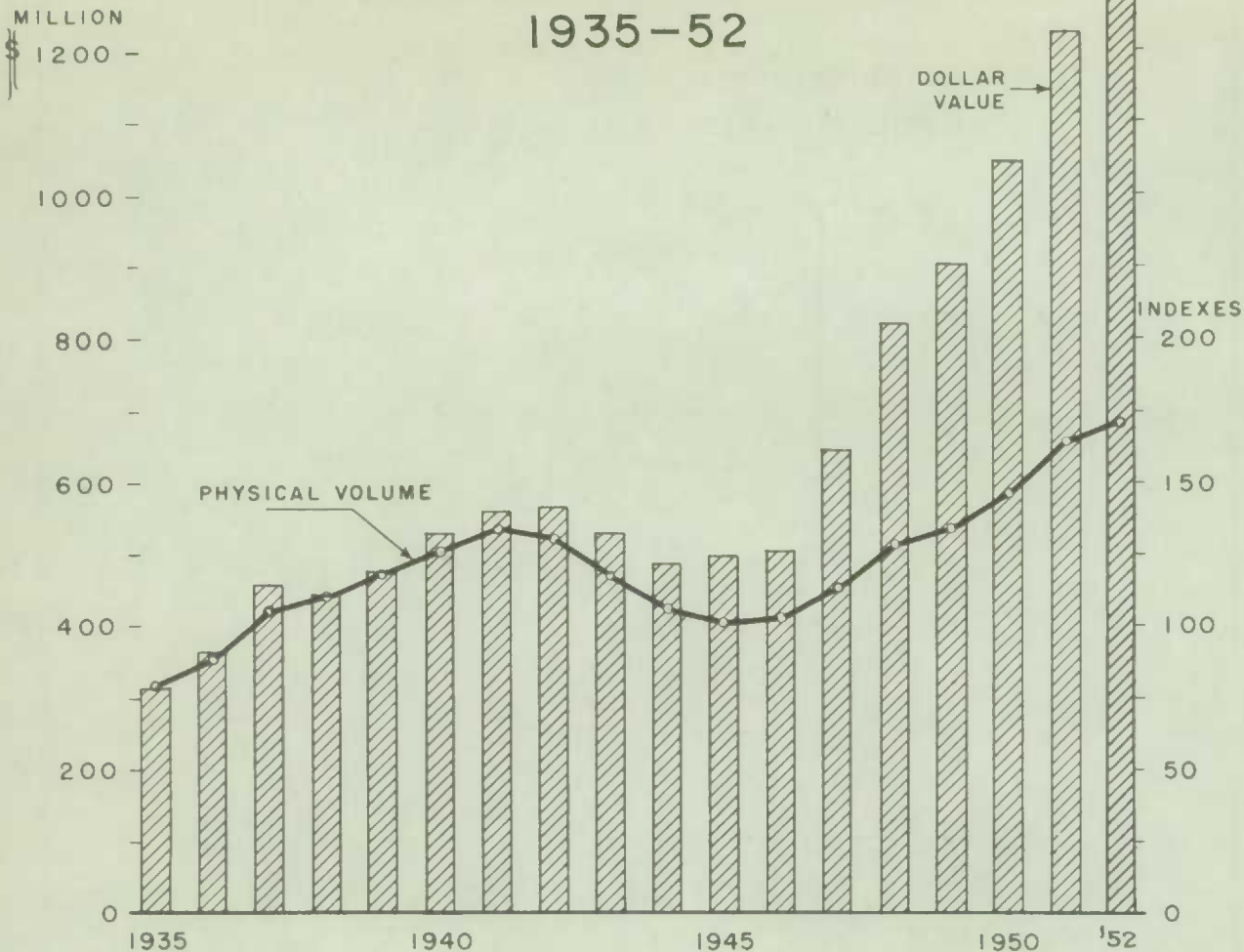
*Published by*  
Authority of the Rt. Hon. C. D. Howe  
Minister of Trade and Commerce

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Prepared in the Mining, Metallurgical and Chemical Section  
Industry and Merchandising Division  
Dominion Bureau of Statistics  
Ottawa

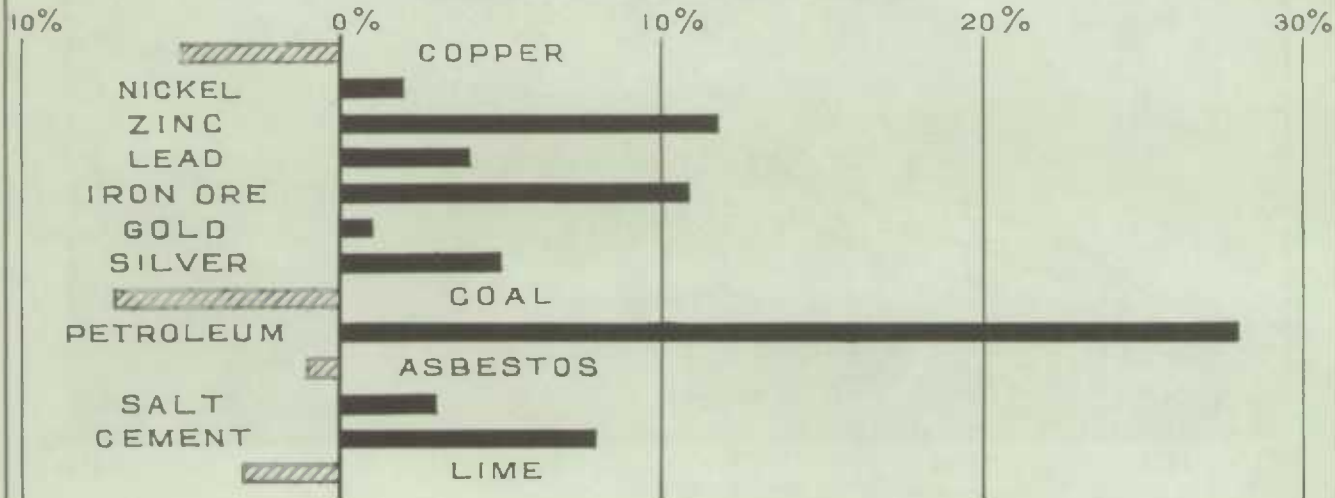


# MINERAL PRODUCTION 1935-52



## PRINCIPAL MINERALS

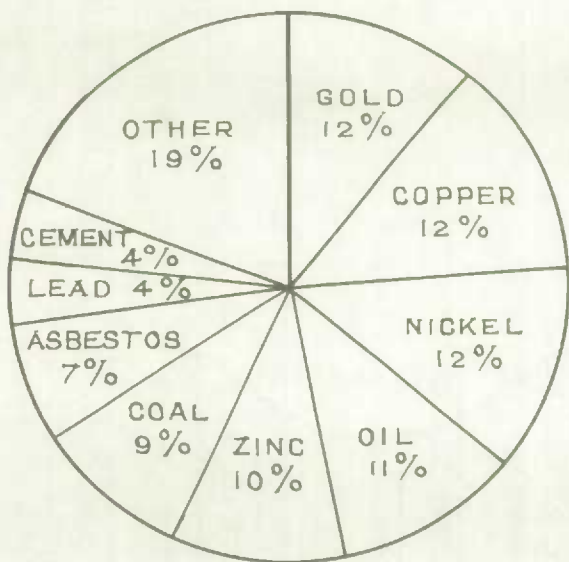
PER CENT CHANGE IN PHYSICAL OUTPUT  
1952 COMPARED WITH 1951



MILLION

### MINERAL PRODUCTION, 1952

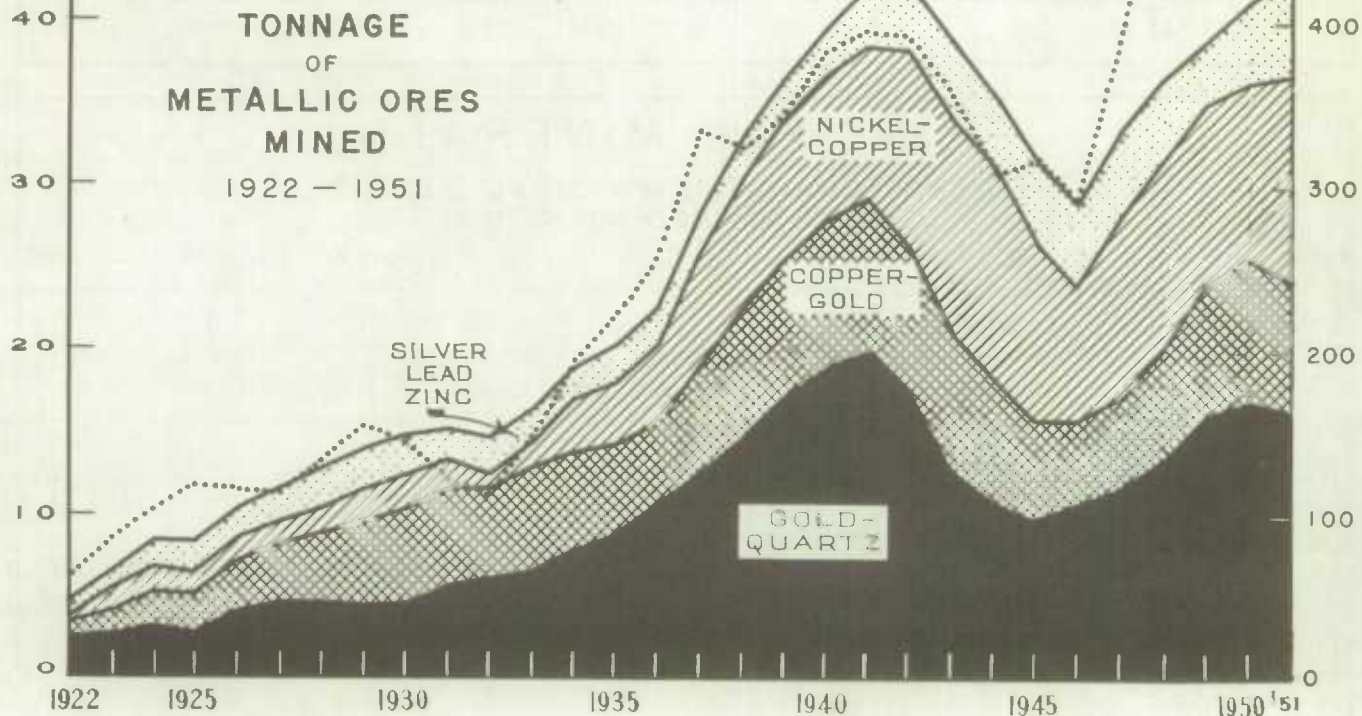
1278 MILLION DOLLARS



MILLION TONS  
50

### TONNAGE OF METALLIC ORES MINED

1922 - 1951



## PRELIMINARY REPORT ON MINERAL PRODUCTION - 1952

Mineral production in Canada during 1952 was valued at \$1,278,000,000 according to a preliminary estimate prepared by the Dominion Bureau of Statistics at Ottawa. This output value is the highest on record, being \$33 millions or 2.6 per cent above last year's total of \$1,245,000,000. The outstanding gain was for crude petroleum which was \$27 millions above last year's value, but asbestos and cement were each up about \$7 millions and iron ore about \$3 millions. In contrast, the output values for the principal metals, including gold, nickel, copper, zinc and lead, were all below the corresponding totals for 1951.

The total output value of all metals was \$728 millions in 1952 compared with \$745 millions in 1951, a drop of 2.3 per cent. In volume of output the gains outnumbered the losses but these advances were not sufficient to offset the price declines during the year. The tonnage of zinc was up 12 per cent to 382,000 tons but the total value declined nearly 2 per cent. Lead production increased 4 per cent to 165,000 tons but the value dropped 8 per cent. Output of nickel was greater by 1.5 per cent at 140,000 tons but the value was slightly lower than for last year. Copper declined 4.5 per cent in quantity to 258,000 tons and the increase in average price during the year was not sufficient to offset this decline, the value being down by nearly 1 per cent.

Gold production totalled 4,419,000 ounces compared with 4,392,000 ounces in 1951 but the value was down to \$151 millions from \$162 millions for last year. The price of gold at the Royal Canadian Mint in Canadian dollars, ranged from \$35.38 to \$33.58 per troy ounce; the average being \$34.27 compared with \$36.85 in 1951 and \$38.05 in 1950.

The value of mineral fuels rose 13 per cent to \$262 millions in 1952. Output of crude petroleum increased to 61 million barrels at \$143 millions from 48 million barrels at \$117 millions in 1951. Natural gas rose 10 per cent in quantity and 30 per cent in value to 87 trillion cubic feet at \$9.3 millions. Coal production declined 6.5 per cent to 17.4 million tons but the value of \$109 millions was about the same as in the previous year.

The non-metallics group was led by asbestos with an output value of \$88.8 millions. The tonnage of asbestos shipped was slightly less than in 1951 due to decreased demand for short fibres, but the increase in the price of the longer fibres brought the total value to a new high. Barite and fluorspar showed gains in output, while feldspar and mica declined. Sulphur in the form of pyrite, sulphuric acid and elemental sulphur increased 18.6 per cent in quantity to 441,000 tons; pyrite from new sources in Quebec and sulphur from natural gas in Alberta contributed to this increase. Production of gypsum, salt, nepheline syenite and other non-metallics was about the same as for last year.

The value of the structural materials, except lime, continued to rise. Three new cement plants, one in each of the provinces of Newfoundland, New Brunswick and Quebec, contributed to the record high quantity of over 18 million barrels. Clay products, which include brick, tile, sewer pipe, etc., increased 4 per cent in value to \$24.4 millions. Stone for buildings, monuments, railway ballast, etc., was valued at \$29.2 millions. Sand and gravel, mainly for highway construction, totalled \$49.1 millions.

NOTE: All 1952 figures in this report are preliminary and subject to revision upon receipt of more complete data.

Table 1 - VALUE OF MINERAL PRODUCTION, BY CLASSES, 1943-1952

Year	Metallics	Mineral fuels	Other non-metallics	Clay products and other structural materials	T O T A L
				(Dollars)	
1943 .....	356,558,751	92,514,384	38,967,577	42,010,254	530,053,966
1944 .....	308,111,295	97,291,007	37,431,875	42,984,937	485,819,114
1945 .....	316,962,810	93,531,276	39,841,422	48,419,673	498,755,181
1946 .....	290,386,425	102,516,888	43,792,717	66,120,221	502,816,251
1947 .....	395,069,530	110,481,207	54,742,453	84,576,785	644,869,975
1948 .....	488,151,055	159,736,260	67,234,304	105,127,246	820,248,865
1949 .....	538,967,258	183,654,473	64,585,216	113,903,079	901,110,026
1950 .....	617,238,340	201,193,957	94,721,564	132,296,212	1,045,450,073
1951 .....	745,588,728	232,854,093	115,706,983	151,333,791	1,245,483,595
1952 .....	727,916,221	262,098,250	124,304,401	164,046,644	1,278,365,516

Table 2 - MINERAL PRODUCTION, BY PROVINCES, 1950-1952

Province	1950		1951		1952	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland .....	25,824,047	2.5	32,410,443	2.6	32,894,734	2.6
Nova Scotia .....	59,482,173	5.7	59,727,256	4.8	63,541,473	5.0
New Brunswick .....	12,756,975	1.2	9,564,617	0.8	12,035,360	1.0
Quebec .....	220,176,517	21.0	255,530,071	20.5	267,259,931	20.9
Ontario .....	366,801,525	35.1	444,667,203	35.7	438,535,875	34.3
Manitoba .....	32,691,173	3.1	30,045,992	2.4	24,897,069	1.9
Saskatchewan .....	35,983,923	3.4	51,032,953	4.1	48,646,557	3.8
Alberta .....	135,758,940	13.0	188,144,211	13.5	197,333,166	15.4
British Columbia .....	138,888,205	13.3	176,278,932	14.1	172,907,416	13.5
Northwest Territories (*)	8,050,899	0.8	8,288,747	0.7	9,033,714	0.7
Yukon .....	9,035,696	0.9	9,793,170	0.8	11,276,221	0.9
TOTAL .....	1,045,450,073	100.0	1,245,483,595	100.0	1,278,365,516	100.0

(\*) Excluding pitchblende products.

Table 3 - MINERAL PRODUCTION, BY KINDS, 1951 and 1952

	Unit of measure	1951		1952	
		Quantity	Value	Quantity	Value
<b>Metallics</b>					
Antimony .....	lb.	6,702,164	1,436,713	2,500,000	1,125,000
Bismuth .....	lb.	230,298	543,504	180,217	405,488
Cadmium .....	lb.	1,326,920	3,556,145	1,004,623	2,971,511
Cobalt .....	lb.	951,607	1,999,612	1,303,400	2,806,000
Copper .....	lb.	539,941,589	149,026,216	515,413,485	147,849,770
Gold .....	fine oz.	4,392,751	161,872,873	4,419,570	151,458,664
Indium .....	fine oz.	582	1,368	400	900
Iron ore .....	ton	4,680,510	31,141,112	5,205,058	34,186,286
Iron ingots .....	ton	15,554	777,142	31,500	1,302,000
Lead .....	lb.	316,462,751	58,229,146	329,758,679	53,321,978
Magnesium and calcium .....	...	...	3,618,219	...	4,613,995
Molybdenite (MoS <sub>2</sub> ) .....	lb.	381,596	228,958	497,735	298,641
Nickel .....	lb.	275,806,272	151,269,994	280,013,300	150,908,900
Palladium, rhodium, iridium, etc..	fine oz.	164,905	7,950,107	149,600	7,311,407
Platinum .....	fine oz.	153,483	14,542,515	120,300	10,736,775
Selenium .....	lb.	382,603	1,239,633	265,600	841,100
Silver .....	fine oz.	23,125,825	21,865,467	24,375,853	20,366,026
Tellurium .....	lb.	8,913	16,400	13,700	30,200
Tin .....	lb.	346,718	494,073	212,000	254,400
Titanium ore .....	ton	1,674	9,790	51	456
Tungsten (WO <sub>3</sub> ) .....	lb.	2,833	7,098	1,222,262	3,666,786
Zinc .....	lb.	682,224,335	135,762,643	764,112,772	133,459,938
Total Metallics .....	...	...	745,588,728	...	727,916,221



Table 3 - MINERAL PRODUCTION, BY KINDS, 1951 and 1952 (Concluded)

	Unit of measure	1 9 5 1		1 9 5 2	
		Quantity	Value \$	Quantity	Value \$
<u>Non-metallics</u>					
<u>Fuels</u>					
Coal .....	ton	18,586,823	109,038,835	17,360,000	109,420,000
Natural gas .....	M cu.ft.	79,460,667	7,158,920	87,591,200	9,305,610
Peat .....	ton	50	1,100	10	100
Petroleum, crude .....	bbl.	47,615,534	116,655,238	60,864,500	143,372,540
Total Fuels .....	...	...	232,854,093	...	262,098,250
<u>Other Non-metallics</u>					
Arsenious oxide .....	lb.	2,353,362	129,435	1,530,000	98,000
Asbestos .....	ton	973,198	81,584,345	966,382	88,823,271
Barite .....	ton	98,113	1,131,917	119,333	1,364,703
Diatomite .....	ton	92	3,148	25	1,100
Feldspar .....	ton	40,749	551,097	21,760	346,048
Fluorspar .....	ton	74,211	2,189,875	83,353	2,503,167
Graphite .....	ton	1,569	231,167	2,030	255,426
Grindstones .....	ton	60	6,000	12	720
Gypsum .....	ton	3,802,692	5,880,853	3,592,917	6,073,389
Iron oxides .....	ton	13,342	262,277	11,847	226,037
Magnetitic-dolomite and brucite(*)	...	...	2,437,773	...	2,914,272
Mica .....	lb.	4,961,508	447,650	1,990,827	139,884
Mineral waters .....	gal.	325,300	146,971	322,500	145,450
Nepheline syenite .....	ton	81,108	1,114,943	85,500	1,116,500
Phosphate rock .....	ton	6	94	...	...
Peat moss .....	ton	76,809	2,433,008	77,258	2,372,168
Quartz .....	ton	1,904,885	2,258,468	1,783,267	2,467,267
Salt .....	ton	964,525	7,905,977	992,007	7,507,315
Silica brick .....	M	3,510	465,229	3,506	586,413
Soapstone and talc .....	ton	24,846	283,624	26,048	297,516
Sodium sulphate .....	ton	192,371	2,383,770	156,308	1,709,140
Sulphur .....	ton	371,790	3,120,785	441,271	4,096,615
Titanium dioxide .....	ton	14,123	738,577	42,000	1,260,000
Total Other Non-metallics ...	...	...	115,706,983	...	124,304,401
<u>Clay Products and Other Structural Materials</u>					
Clay products (brick, tile, etc.) .....	...	...	23,527,656	...	24,418,693
Cement .....	bbl.	17,007,812	40,446,288	18,350,964	47,623,129
Lime .....	ton	1,241,041	14,082,520	1,209,653	13,683,485
Sand and gravel .....	ton	92,972,821	44,627,559	96,470,881	49,121,048
Stone .....	ton	18,676,706	28,649,768	17,311,308	29,200,289
Total Clay Products and Other Structural Materials	...	...	151,333,791	...	164,046,644
GRAND TOTAL .....	...	...	1,245,483,595	...	1,278,365,516

(\*) Includes some magnesium metal.

NOTE: The above figures do not include data for pitchblende products.

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION, 1952

	Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec	Ontario
<b>Metals</b>						
Antimony .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Bismuth .....	lb.	...	...	...	20,217	...
	\$	...	...	...	45,488	...
Cadmium .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Cobalt .....	lb.	...	...	...	...	1,303,400
	\$	...	...	...	...	2,806,000
Copper .....	lb.	5,696,870	831,770	...	136,598,883	249,473,253
	\$	1,625,887	237,387	...	38,985,303	71,950,446
Gold .....	oz.	8,030	1,564	...	1,109,677	2,458,359
	\$	275,188	53,598	...	38,028,631	84,247,963
Indium .....	oz.	...	...	...	...	...
	\$	...	...	...	...	...
Iron ore .....	ton	1,634,500	...	...	...	2,716,638
	\$	8,662,850	...	...	...	19,623,436
Iron ingots .....	ton	...	...	...	31,500	...
	\$	...	...	...	1,302,000	...
Lead .....	lb.	36,696,600	1,741,807	...	20,801,473	...
	\$	5,933,840	281,650	...	3,363,598	...
Magnesium and calcium .....	...	...	...	...	...	...
	\$	...	...	...	...	4,613,995
Molybdenite .....	lb.	...	...	...	497,735	...
	\$	...	...	...	298,641	...
Nickel .....	lb.	...	...	...	...	280,013,300
	\$	...	...	...	...	150,908,900
Palladium, iridium, etc. ....	oz.	...	...	...	...	149,600
	\$	...	...	...	...	7,311,407
Platinum .....	oz.	...	...	...	...	120,300
	\$	...	...	...	...	10,736,775
Pitchblende .....				Not available		
Selenium .....	lb.	...	...	...	125,000	88,600
	\$	...	...	...	425,000	239,300
Silver .....	oz.	584,505	100,668	...	4,265,858	6,274,359
	\$	488,354	84,108	...	3,564,124	5,242,228
Tellurium .....	lb.	...	...	...	...	5,700
	\$	...	...	...	...	9,400
Tin .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Titanium ore .....	ton	...	...	...	51	...
	\$	...	...	...	456	...
Tungsten concentrates (WO <sub>3</sub> ) .	lb.	...	...	...	...	60,000
	\$	...	...	...	...	180,000
Zinc .....	lb.	64,112,000	8,563,181	...	191,427,186	...
	\$	11,197,802	1,495,645	...	33,434,673	...
<b>TOTAL METALS .....</b>	<b>\$</b>	<b>28,183,921</b>	<b>2,152,388</b>	<b>...</b>	<b>119,447,914</b>	<b>357,869,850</b>
<b>Non-metallics</b>						
Arsenious oxide .....	lb.	...	...	...	...	1,530,000
	\$	...	...	...	...	98,000
Asbestos .....	ton	...	...	...	943,123	23,259
	\$	...	...	...	85,025,942	3,797,329
Barite .....	ton	...	118,630	...	...	...
	\$	...	1,355,564	...	...	...
Diatomite .....	ton	...	15	...	...	...
	\$	...	850	...	...	...
Feldspar .....	ton	...	...	...	17,371	4,389
	\$	...	...	...	297,638	48,410
Fluorspar .....	ton	82,503	...	...	...	850
	\$	2,473,167	...	...	...	30,000
Graphite .....	ton	...	...	...	...	2,030
	\$	...	...	...	...	255,426

Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	2,500,000	...	...	2,500,000
...	...	...	1,125,000	...	...	1,125,000
...	...	...	160,000	...	...	180,217
...	...	...	360,000	...	...	405,488
26,159	90,635	...	761,340	...	126,489	1,004,623
57,550	199,397	...	2,436,288	...	278,276	2,971,511
...	...	...	...	...	...	1,303,400
...	...	...	...	...	...	2,806,000
18,380,868	60,712,019	...	43,714,822	5,000	...	515,413,485
5,245,900	17,327,210	...	12,476,210	1,427	...	147,849,770
142,003	89,190	88	285,545	246,245	78,869	4,419,570
4,866,443	3,056,541	3,016	9,785,627	8,438,816	2,702,841	151,458,664
...	...	...	400	...	...	400
...	...	...	900	...	...	900
...	...	...	853,920	...	...	5,205,058
...	...	...	5,900,000	...	...	34,186,286
...	...	...	...	...	...	31,500
...	...	...	...	...	...	1,302,000
...	...	...	252,272,460	...	18,246,339	329,758,679
...	...	...	40,792,457	...	2,950,433	53,321,978
...	...	...	...	...	...	...
...	...	...	...	...	...	4,613,995
...	...	...	...	...	...	497,735
...	...	...	...	...	...	298,641
...	...	...	...	...	...	280,013,300
...	...	...	...	...	...	150,908,900
...	...	...	...	...	...	149,600
...	...	...	...	...	...	7,311,407
...	...	...	...	...	...	120,300
...	...	...	...	...	...	10,736,775
...	...	...	Not available	...	...	...
13,000	39,000	...	...	...	...	265,600
44,200	132,600	...	...	...	...	841,100
397,923	1,138,908	8	7,587,560	58,558	3,967,506	24,375,853
332,465	951,558	7	6,339,406	48,925	3,314,851	20,366,026
2,000	6,000	...	...	...	...	13,700
5,200	15,600	...	...	...	...	30,200
...	...	...	212,000	...	...	212,000
...	...	...	254,400	...	...	254,400
...	...	...	...	...	...	51
...	...	...	...	...	...	456
...	...	...	1,160,000	2,262	...	1,222,262
...	...	...	3,480,000	6,786	...	3,666,786
30,513,472	91,649,140	...	366,981,996	...	10,865,797	764,112,772
5,329,483	16,007,439	...	64,097,076	...	1,897,820	133,459,938
15,881,241	37,690,345	3,023	147,047,364	8,495,954	11,144,221	727,916,221
...	...	...	...	...	...	1,530,000
...	...	...	...	...	...	98,000
...	...	...	...	...	...	966,382
...	...	...	...	...	...	88,823,271
...	...	...	703	...	...	119,333
...	...	...	9,139	...	...	1,364,703
...	...	...	10	...	...	25
...	...	...	250	...	...	1,100
...	...	...	...	...	...	21,760
...	...	...	...	...	...	346,048
...	...	...	...	...	...	83,353
...	...	...	...	...	...	2,503,167
...	...	...	...	...	...	2,030
...	...	...	...	...	...	255,426

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION, 1952 (Concluded)

	Unit of measure	Newfound- land	Nova Scotia	New Brunswick	Quebec	Ontario
<u>Non-metallics (concluded)</u>						
Grindstones.....	ton	...	...	12	...	...
	\$	...	...	720	...	...
Gypsum .....	ton	8,100	2,968,537	107,840	...	286,392
	\$	56,700	4,192,858	323,520	...	707,727
Iron oxide .....	ton	...	...	...	11,847	...
	\$	...	...	...	226,037	...
Magnesitic dolomite, brucite*	\$	...	...	...	2,914,272	...
Mica .....	lb.	...	...	...	1,023,313	367,514
	\$	...	...	...	63,128	69,256
Mineral water .....	gal.	...	...	...	320,000	2,500
	\$	...	...	...	145,000	450
Nepheline syenite .....	ton	...	...	...	...	85,500
	\$	...	...	...	...	1,116,500
Peat moss .....	ton	...	1,000	4,900	21,077	2,031
	\$	...	33,000	175,000	434,516	89,652
Quartz .....	ton	...	...	...	237,910	1,392,089
	\$	...	...	...	833,408	1,486,859
Salt .....	ton	...	149,924	...	...	766,083
	\$	...	1,681,683	...	...	4,517,932
Silica brick .....	M	...	2,377	...	...	1,129
	\$	...	348,580	...	...	237,833
Soapstone and talc .....	ton	...	...	...	13,409	12,500
	\$	...	...	...	146,821	150,000
Sodium sulphate .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Sulphur .....	ton	...	...	...	219,738	18,321
	\$	...	...	...	1,519,149	215,957
Titanium dioxide .....	ton	...	...	...	42,000	...
	\$	...	...	...	1,260,000	...
TOTAL NON-METALLICS ....	\$	2,529,867	7,612,535	499,240	92,865,911	12,821,331
<u>Fuels</u>						
Coal .....	ton	...	5,850,000	720,000	...	...
	\$	...	50,432,000	5,616,000	...	...
Natural gas .....	M cu.ft.	...	...	200,200	...	7,916,000
	\$	...	...	148,710	...	3,166,400
Peat .....	ton	...	...	...	...	10
	\$	...	...	...	...	100
Petroleum, crude .....	bbl.	...	...	14,500	...	192,000
	\$	...	...	20,300	...	660,480
TOTAL FUELS .....	\$	...	50,432,000	5,785,010	...	3,826,980
<u>Structural Materials</u>						
Clay products .....	\$	27,260	1,210,865	656,000	6,742,609	11,252,285
Cement .....	bbl.	122,000	...	592,118	7,312,537	5,433,263
	\$	500,000	...	1,509,901	19,027,592	13,517,086
Lime .....	ton	402	...	17,796	398,139	660,230
	\$	18,870	...	337,172	3,820,447	7,330,835
Sand and gravel .....	ton	1,916,574	1,672,788	3,696,505	33,686,886	39,081,310
	\$	822,791	1,449,288	2,937,156	11,786,545	21,374,036
Stone .....	ton	487,024	245,339	136,239	7,090,999	8,116,773
	\$	816,025	684,397	310,881	13,568,913	10,543,472
TOTAL STRUCTURAL MATERIALS	\$	2,184,946	3,344,550	5,751,110	54,946,106	64,017,714
GRAND TOTAL 1952 ..	\$	32,898,734	63,541,473	12,035,360	267,259,931	438,535,875
GRAND TOTAL 1951 ..	\$	32,410,443	59,727,256	9,564,617	255,530,071	444,667,203

\* = Includes some magnesium metal.

Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	...	...	...	12
...	...	...	...	...	...	720
134,780	...	...	87,268	...	...	3,592,917
554,985	...	...	237,599	...	...	6,073,389
...	...	...	...	...	...	11,847
...	...	...	...	...	...	226,037
...	...	...	...	...	...	2,914,272
...	...	...	600,000	...	...	1,990,827
...	...	...	7,500	...	...	139,884
...	...	...	...	...	...	322,500
...	...	...	...	...	...	145,450
...	...	...	...	...	...	85,500
...	...	...	...	...	...	1,116,500
1,250	...	...	47,000	...	...	77,258
45,000	...	...	1,595,000	...	...	2,372,168
...	134,068	...	19,200	...	...	1,783,267
...	70,000	...	77,000	...	...	2,467,267
18,000	34,000	24,000	...	...	...	992,007
233,300	750,000	324,400	...	...	...	7,507,315
...	...	...	...	...	...	3,506
...	...	...	...	...	...	586,413
...	...	...	139	...	...	26,048
...	...	...	695	...	...	297,516
...	156,308	...	...	...	...	156,308
...	1,709,140	...	...	...	...	1,709,140
...	...	8,358	194,854	...	...	441,271
...	...	169,067	2,192,442	...	...	4,096,615
...	...	...	...	...	...	42,000
...	...	...	...	...	...	1,260,000
833,285	2,529,140	493,467	4,119,625	...	...	124,304,401
...	2,020,000	7,150,000	1,612,000	...	8,000	17,360,000
...	3,895,000	39,733,000	9,612,000	...	132,000	109,420,000
...	950,000	78,500,000	...	25,000	...	87,591,200
...	95,000	5,887,500	...	8,000	...	9,305,610
...	...	...	...	...	...	10
...	...	...	...	...	...	100
80,000	1,600,000	58,677,000	...	301,000	...	60,864,500
196,000	2,080,000	139,886,000	...	529,760	...	143,372,540
196,000	6,070,000	185,506,500	9,612,000	537,760	132,000	262,098,250
577,178	595,000	2,150,726	1,206,770	...	...	24,418,693
1,614,741	...	1,748,305	1,528,000	...	...	18,350,964
4,634,305	...	4,388,245	4,046,000	...	...	47,623,129
48,117	...	34,306	50,663	...	...	1,209,653
734,692	...	479,692	961,777	...	...	13,683,485
2,905,859	2,834,159	4,395,783	6,281,017	...	...	96,470,881
1,066,853	1,762,072	4,258,563	3,663,744	...	...	49,121,048
361,830	...	14,200	1,359,404	...	...	17,811,808
973,515	...	52,950	2,250,136	...	...	29,200,289
7,986,543	2,357,072	11,330,176	12,128,427	...	...	164,046,644
24,897,069	48,646,557	197,333,166	172,907,416	9,033,714	11,276,221	1,278,365,516
30,045,992	51,032,953	168,144,211	176,278,932	8,288,747	9,793,170	1,245,483,595

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION, 1951

	Unit of measure	Newfound- land	Nova Scotia	New Brunswick	Quebec	Ontario
<u>Metals</u>						
Antimony .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Bismuth .....	lb.	...	...	...	23,827	15,000
	\$	...	...	...	56,232	35,400
Cadmium .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Cobalt .....	lb.	...	...	...	...	951,607
	\$	...	...	...	...	1,999,612
Copper .....	lb.	5,798,674	...	...	137,731,906	257,616,806
	\$	1,606,233	...	...	38,151,738	70,861,789
Gold .....	oz.	8,515	17	...	1,067,306	2,462,979
	\$	313,778	626	...	39,330,226	90,760,776
Indium .....	oz.	...	...	...	...	...
	\$	...	...	...	...	...
Iron ore .....	ton	1,724,991	...	...	...	2,841,984
	\$	9,145,960	...	...	...	21,205,152
Iron ingots .....	ton	...	...	...	15,554	...
	\$	...	...	...	777,142	...
Lead .....	lb.	32,888,189	...	...	15,512,623	...
	\$	6,051,427	...	...	2,854,323	...
Magnesium and calcium .....	...	...	...	...	...	...
	\$	...	...	...	...	3,618,219
Molybdenite .....	lb.	...	...	...	381,596	...
	\$	...	...	...	228,958	...
Nickel .....	lb.	...	...	...	...	275,806,272
	\$	...	...	...	...	151,269,994
Palladium, rhodium, etc. ....	oz.	...	...	...	...	164,905
	\$	...	...	...	...	7,950,107
Platinum .....	oz.	...	...	...	...	153,461
	\$	...	...	...	...	14,540,430
Pitchblende .....				Not available		
Selenium .....	lb.	...	...	...	165,575	82,409
	\$	...	...	...	536,463	267,005
Silver .....	oz.	534,519	1	...	4,154,290	4,520,094
	\$	505,388	1	...	3,927,881	4,273,749
Tellurium .....	lb.	...	...	...	...	6,301
	\$	...	...	...	...	11,594
Tin .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Titanium ore .....	ton	...	...	...	1,674	...
	\$	...	...	...	9,790	...
Tungsten concentrates (WO <sub>3</sub> ) .	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Zinc .....	lb.	56,938,689	...	...	172,725,823	...
	\$	11,330,733	...	...	34,372,439	...
<b>TOTAL METALS .....</b>	<b>\$</b>	<b>28,953,585</b>	<b>627</b>	<b>...</b>	<b>120,245,192</b>	<b>366,733,827</b>
<u>Non-metallics</u>						
Arsenious oxide .....	lb.	...	...	...	636,896	1,716,466
	\$	...	...	...	35,029	94,406
Asbestos .....	ton	...	...	...	946,610	26,588
	\$	...	...	...	77,627,863	3,956,482
Barite .....	ton	...	96,865	...	...	...
	\$	...	1,115,693	...	...	...
Diatomite .....	ton	...	84	...	...	...
	\$	...	2,925	...	...	...
Feldspar .....	ton	...	...	...	28,000	12,749
	\$	...	...	...	425,370	125,727
Fluorspar .....	ton	67,925	...	...	...	6,286
	\$	1,966,477	...	...	...	223,398
Graphite .....	ton	...	...	...	...	1,569
	\$	...	...	...	...	231,167

Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	6,702,164	...	...	6,702,164
...	...	...	1,436,713	...	...	1,436,713
...	...	...	191,471	...	...	230,298
...	...	...	451,872	...	...	543,504
47,333	99,835	...	1,113,300	...	66,452	1,326,920
126,852	267,558	...	2,983,644	...	178,091	3,556,145
...	...	...	...	...	...	951,607
...	...	...	...	...	...	1,999,612
31,677,863	63,250,444	...	43,863,962	1,934	...	539,941,589
8,774,768	17,520,373	...	12,110,779	536	...	149,026,216
163,914	110,216	97	289,992	212,211	77,504	4,392,751
6,040,231	4,061,460	3,574	10,686,205	7,819,975	2,856,022	161,872,873
...	...	...	582	...	...	582
...	...	...	1,368	...	...	1,368
...	...	...	113,535	...	...	4,680,510
...	...	...	790,000	...	...	31,141,112
...	...	...	...	...	...	15,554
...	...	...	...	...	...	777,142
...	...	...	255,528,868	...	12,533,071	316,462,751
...	...	...	47,017,311	...	2,306,085	58,229,146
...	...	...	...	...	...	...
...	...	...	...	...	...	3,618,219
...	...	...	...	...	...	381,596
...	...	...	...	...	...	228,958
...	...	...	...	...	...	275,806,272
...	...	...	...	...	...	151,269,994
...	...	...	...	...	...	164,905
...	...	...	...	...	...	7,950,107
...	...	...	22	...	...	153,483
...	...	...	2,085	...	...	14,542,515
...	...	...	Not available	...	...	...
25,955	108,664	...	...	...	...	382,603
84,094	352,071	...	...	...	...	1,239,633
613,141	1,454,341	9	8,342,414	64,228	3,442,788	23,125,825
579,725	1,375,079	8	7,887,752	60,728	3,255,156	21,865,467
505	2,107	...	...	...	...	8,913
929	3,877	...	...	...	...	16,400
...	...	...	346,718	...	...	346,718
...	...	...	494,073	...	...	494,073
...	...	...	...	...	...	1,674
...	...	...	...	...	...	9,790
...	...	...	...	...	2,833	2,833
...	...	...	...	...	7,098	7,098
30,221,016	79,148,484	...	337,511,324	...	5,678,999	682,224,335
6,013,982	15,750,548	...	67,164,754	...	1,130,121	135,762,643
21,620,581	39,330,966	3,582	151,026,556	7,881,239	9,732,573	745,588,728
...	...	...	...	...	...	2,353,362
...	...	...	...	...	...	129,435
...	...	...	...	...	...	973,198
...	...	...	...	...	...	81,584,345
...	...	...	1,248	...	...	98,113
...	...	...	16,224	...	...	1,131,917
...	...	...	8	...	...	92
...	...	...	223	...	...	3,148
...	...	...	...	...	...	40,749
...	...	...	...	...	...	551,097
...	...	...	...	...	...	74,211
...	...	...	...	...	...	2,189,875
...	...	...	...	...	...	1,569
...	...	...	...	...	...	231,167

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION, 1951 (Concluded)

	Unit of measure	Newfound- land	Nova Scotia	New Brunswick	Quebec	Ontario
<u>Non-metallics (concluded)</u>						
Grindstones.....	ton	...	...	60	...	...
	\$	...	...	6,000	...	...
Gypsum .....	ton	...	3,190,030	109,469	...	262,581
	\$	...	4,107,822	328,407	...	672,276
Iron oxide .....	ton	...	...	...	13,342	...
	\$	...	...	...	262,277	...
Magnesitic dolomite, brucite*	\$	...	...	...	2,437,773	...
Mica .....	lb.	...	...	...	3,329,418	1,025,090
	\$	...	...	...	125,753	314,435
Mineral water .....	gal.	...	...	...	322,800	2,500
	\$	...	...	...	146,521	450
Nepheline syenite .....	ton	...	...	...	...	81,108
	\$	...	...	...	...	1,114,943
Peat moss .....	ton	...	578	4,587	21,657	1,804
	\$	...	17,556	161,934	436,833	72,557
Phosphate rock .....	ton	...	...	...	...	6
	\$	...	...	...	...	94
Quartz .....	ton	...	...	...	220,698	1,545,137
	\$	...	...	...	579,633	1,497,811
Salt .....	ton	...	127,252	...	...	772,585
	\$	...	1,631,904	...	...	4,789,990
Silica brick .....	M	...	2,293	...	...	1,217
	\$	...	260,398	...	...	204,831
Soapstone and talc .....	ton	...	...	...	11,148	13,698
	\$	...	...	...	123,084	160,540
Sodium sulphate .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Sulphur .....	ton	...	...	...	161,489	15,605
	\$	...	...	...	895,253	156,050
Titanium dioxide .....	ton	...	...	...	14,123	...
	\$	...	...	...	738,577	...
TOTAL NON-METALLICS .....	\$	1,966,477	7,136,298	496,341	83,833,966	13,615,197
<u>Fuels</u>						
Coal .....	ton	...	6,307,629	653,439	...	...
	\$	...	49,113,932	4,822,869	...	...
Natural gas .....	M cu.ft.	...	...	261,579	...	8,442,842
	\$	...	...	194,312	...	3,377,137
Peat .....	ton	...	...	...	20	30
	\$	...	...	...	800	300
Petroleum, crude .....	bbl.	...	...	15,551	...	197,171
	\$	...	...	21,771	...	677,905
TOTAL FUELS .....	\$	...	49,113,932	5,038,952	800	4,055,342
<u>Structural Materials and Clay Products</u>						
Clay products .....	\$	32,183	1,202,428	740,861	6,776,430	10,484,341
Cement .....	bbl.	...	...	...	7,055,164	5,438,101
	\$	...	...	...	16,633,377	12,494,677
Lime .....	ton	436	...	20,954	460,842	619,769
	\$	17,533	...	369,681	4,612,387	6,921,916
Sand and gravel .....	ton	1,483,951	1,756,641	2,966,210	31,297,949	39,218,058
	\$	648,346	1,527,052	2,229,258	10,616,701	19,905,293
Stone .....	ton	466,440	270,181	879,504	7,177,263	8,080,087
	\$	7,2319	746,219	689,524	12,811,218	10,376,650
TOTAL STRUCTURAL MATERIALS .....	\$	1,490,381	3,476,399	4,029,324	51,450,113	60,202,877
GRAND TOTAL 1951 ..	\$	32,410,443	59,727,256	9,564,617	255,530,071	444,667,203
GRAND TOTAL 1950 ..	\$	25,824,047	59,482,173	12,756,975	220,176,517	366,801,525

\* = Includes some magnesium metal.



Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	...	...	...	60
...	...	...	...	...	...	6,000
134,704	...	...	105,908	...	...	3,802,692
509,276	...	...	263,072	...	...	5,880,853
...	...	...	...	...	...	13,342
...	...	...	...	...	...	262,277
...	...	...	...	...	...	2,437,773
...	...	...	607,000	...	...	4,961,508
...	...	...	7,462	...	...	447,650
...	...	...	...	...	...	325,300
...	...	...	...	...	...	146,971
...	...	...	...	...	...	81,108
...	...	...	...	...	...	1,114,943
1,236	...	...	46,947	...	...	76,809
44,098	...	...	1,700,030	...	...	2,433,008
...	...	...	...	...	...	6
...	...	...	...	...	...	94
...	120,769	...	18,281	...	...	1,904,885
...	67,631	...	113,393	...	...	2,258,468
16,778	28,192	19,718	...	...	...	964,525
358,391	653,130	472,562	...	...	...	7,905,977
...	...	...	...	...	...	3,510
...	...	...	...	...	...	465,229
...	...	...	...	...	...	24,846
...	...	...	...	...	...	283,624
...	192,371	...	...	...	...	192,371
...	2,383,770	...	...	...	...	2,383,770
...	...	...	194,696	...	...	371,790
...	...	...	2,069,482	...	...	3,120,785
...	...	...	...	...	...	14,123
...	...	...	...	...	...	738,577
911,765	3,104,531	472,562	4,169,886	...	...	115,706,983
...	2,223,318	7,659,329	1,739,412	...	3,696	18,586,823
...	4,361,677	40,981,581	9,698,179	...	60,597	109,038,835
...	860,082	69,876,831	...	19,333	...	79,460,667
...	86,008	3,493,842	...	7,621	...	7,158,920
...	...	...	...	...	...	50
...	...	...	...	...	...	1,100
10,698	1,249,281	45,915,384	...	227,449	...	47,615,534
26,478	1,659,045	113,870,152	...	399,887	...	116,655,238
26,478	6,106,730	158,345,575	9,698,179	407,508	60,597	232,854,093
673,698	616,655	1,787,731	1,213,329	...	...	23,527,656
1,539,612	...	1,649,909	1,325,026	...	...	17,007,812
4,108,752	...	3,898,043	3,311,439	...	...	40,446,288
53,024	...	30,670	55,346	...	...	1,241,041
778,490	...	395,452	987,061	...	...	14,082,520
2,832,110	2,951,813	4,289,021	6,177,068	...	...	92,972,821
929,989	1,874,071	3,194,446	3,702,403	...	...	44,627,559
383,134	...	13,310	1,406,787	...	...	18,676,706
996,239	...	46,820	2,170,079	...	...	28,649,768
7,487,168	2,490,726	9,322,492	11,384,311	...	...	151,333,791
30,045,992	51,032,953	168,144,211	176,278,932	8,288,747	9,793,170	1,245,483,595
32,691,173	35,983,923	135,758,940	138,888,205	8,050,899	9,035,696	1,045,450,073

ALUMINUM

Table 6 -

Year	Production of aluminum ingots	Consumption of aluminum ingots	Exports		Imports of ingots, slabs and blooms
			Bars, ingots and blooms	Rods, sheets and circles	
(Tons of 2,000 pounds)					
1943 .....	495,750	40,100	375,383		1
1944 .....	462,065	38,400	295,226	3,124	66
1945 .....	215,712	40,800	382,286	1,841	51
1946 .....	194,117	33,875	187,336	2,449	246
1947 .....	299,066	50,265	230,175	3,898	616
1948 .....	367,079	65,433	328,551	6,168	25
1949 .....	369,466	58,767	296,906	10,576	40
1950 .....	396,882	64,118	335,726	11,445	63
1951 .....	447,095	87,475	354,414	14,805	270
1952 .....	496,023	87,515	412,590	23,617	13

Note: Output of aluminum metal in Canada is not included in the mineral production figures for the country. Although Canada has one of the world's largest aluminum smelters, all of the ores for use in same are imported.

ANTIMONY

Table 7 -

Year	Total production in all forms (*)		Production refined metal Pounds	Imports Refined metal or regulus		Consumption refined metal Pounds
	Pounds	\$		Pounds	\$	
1943 .....	1,114,166	189,408	1,114,166	240,700	38,755	2,606,000
1944 .....	1,937,933	281,000	1,937,933	1,558,198	237,334	3,030,000
1945 .....	1,667,951	290,557	256,970	1,034,792	172,253	1,556,000
1946 .....	642,145	96,322	...	1,861,962	374,066	1,742,000
1947 .....	1,150,463	384,255	...	2,880,513	807,307	2,378,000
1948 .....	310,062	113,173	...	1,093,835	351,942	1,824,000
1949 .....	158,288	61,020	...	2,583,635	908,302	1,760,000
1950 .....	643,540	215,586	...	3,212,784	873,720	1,960,000
1951 .....	6,702,164	1,436,713	...	1,362,260	687,166	2,339,000
1952 .....	2,500,000	1,125,000	...	1,721,622	511,866	1,495,655

(\*) Since 1945 the figures represent antimony content of antimonial lead produced at primary smelter. 1951 - Production includes antimony in flue dust and slag shipped in earlier years but not previously recorded.

BISMUTH

Table 8 -

Year	Total production in all forms		Production refined metal Pounds	Imports refined metal		Consumption refined metal Pounds
	Pounds	\$		Pounds	\$	
1943 .....	407,597	562,484	407,597	...	...	130,000
1944 .....	123,875	154,844	123,875	...	...	92,000
1945 .....	189,815	260,047	189,815	5	11	70,000
1946 .....	240,504	336,706	234,020	6	13	80,000
1947 .....	284,372	560,213	284,357	3,984	9,009	142,000
1948 .....	240,242	480,484	221,677	166,776	88,996	88,000
1949 .....	102,913	210,972	209,975(*)	272,774	98,659	28,000
1950 .....	191,621	431,147	194,326(*)	59	206	66,000
1951 .....	230,298	543,504	200,365(*)	585	2,145	109,000
1952 .....	180,217	405,488	160,000(*)	2,491	6,124	107,000

(\*) Includes some bismuth from foreign ores.

CADMIUM

Table 9 -

Year	Production in all forms		Consumption refined metal Pounds	Exports refined metal	
	Pounds	\$		Pounds	\$
1943 .....	786,611	904,602	336,000	572,215	626,379
1944 .....	526,970	579,667	216,000	383,324	412,332
1945 .....	646,064	639,603	174,000	350,744	385,369
1946 .....	802,648	979,230	192,000	573,368	694,254
1947 .....	718,534	1,235,879	144,000	622,891	1,370,233
1948 .....	766,090	1,398,114	184,000	596,098	1,395,349
1949 .....	846,541	1,735,409	226,000	633,607	1,454,262
1950 .....	848,406	1,968,302	231,000	676,005	1,497,852
1951 .....	1,326,920	3,556,145	291,000	824,850	2,237,763
1952 .....	1,004,623	2,210,171	232,000	620,344	1,502,582

CHROMITE

Table 10 -

Year	Production chrome ore		Imports chrome ore	
	Tons	\$	Tons	\$
1943 .....	29,595	919,878	103,471	2,121,228
1944 .....	27,054	748,494	39,089	618,231
1945 .....	5,755	160,752	60,691	1,154,985
1946 .....	3,110	61,123	15,836	269,248
1947 .....	2,162	42,159	98,322	3,138,229
1948 .....	1,715	33,568	69,183	1,937,692
1949 .....	361	7,148	66,246	1,664,082
1950 .....	...	...	119,325	2,192,555
1951 .....	...	...	146,999	3,762,874
1952 .....	...	...	148,343	5,146,860

COBALT

Table 11 -

Year	Total production in all forms		Imports cobalt ore		Exports			
					Cobalt contained in ores		Metallic cobalt and alloys	
	Pounds	\$	Tons	\$	Pounds	\$	Pounds	\$
1943 .....	175,961	191,407	1,118	785,721	163,100	188,510	911,107	1,507,635
1944 .....	36,283	34,106	1,838	1,327,755	25,900	24,379	1,009,068	1,665,984
1945 .....	109,123	90,026	1,195	869,415	65,000	57,119	583,334	954,257
1946 .....	73,900	70,215	585	451,115	48,100	41,091	510,526	854,282
1947 .....	572,673	875,644	...	...	89,300	69,060	40,366	72,095
1948 .....	1,544,852*	2,029,178	424	64,857	871,000	641,320	31,410	61,824
1949 .....	619,065	952,469	41	2,465	49,300	37,301	12,000	23,638
1950 .....	583,806	964,003	1,956	435,655	16,700	15,302	1,011	9,619
1951 .....	951,607	1,999,612	1,844	760,510	35,300	46,754	192,260	375,383
1952 .....	1,303,400	2,806,000	5,604	1,790,889	...	...	335,945	772,876

\* = A large part of production recorded for 1948 consisted of shipments from stockpiles of ores which were mined in earlier years.

## COPPER

Table 12 - PRODUCTION OF PRIMARY (\*) COPPER IN ALL FORMS

Year	Newfoundland		Quebec		Ontario	
	Tons	\$	Tons	\$	Tons	\$
1943 .....			65,582	15,411,744	138,920	32,232,027
1944 .....			54,027	12,966,620	142,654	33,845,632
1945 .....			51,342	12,886,976	119,726	29,711,633
1946 .....			34,899	8,934,105	89,712	22,502,528
1947 .....			42,561	17,356,259	113,934	46,018,544
1948 .....			48,813	21,819,473	120,383	53,384,560
1949 .....	3,617	1,444,837	67,822	27,092,363	113,042	44,658,786
1950 .....	3,221	1,508,910	72,891	34,141,997	117,210	54,411,033
1951 .....	2,899	1,606,233	68,866	38,151,738	128,808	70,861,789
1952 .....	2,848	1,625,887	68,299	38,985,303	124,737	71,950,446
	Manitoba		Saskatchewan		British Columbia	
1943 .....	19,007	4,466,747	42,924	10,098,974	21,112	4,961,109
1944 .....	21,939	5,265,437	36,757	8,821,740	18,152	4,356,315
1945 .....	20,563	5,161,332	32,950	8,270,538	12,876	3,231,782
1946 .....	19,250	4,928,134	31,356	8,027,258	8,750	2,240,068
1947 .....	15,316	6,245,817	33,151	13,518,963	20,900	8,402,305
1948 .....	18,960	8,475,160	31,074	13,890,237	21,502	9,590,326
1949 .....	16,960	6,774,871	34,960	13,964,980	27,055	10,783,314
1950 .....	20,817	9,750,846	28,982	13,575,052	21,086	9,823,569
1951 .....	15,839	8,774,768	31,625	17,520,373	21,932	12,110,779
1952 .....	9,190	5,245,900	30,356	17,327,210	21,857	12,476,210
	Northwest Territories		C A N A D A			
1943 .....	...	...	287,595		67,170,601	
1944 .....	6	1,428	273,535		65,257,172	
1945 .....	...	...	237,457		59,322,261	
1946 .....	...	...	183,968		46,632,093	
1947 .....	...	...	225,862		91,541,888	
1948 .....	...	...	240,732		107,159,756	
1949 .....	...	...	263,457		104,719,151	
1950 .....	...	...	264,209		123,211,407	
1951 .....	1	536	269,971		149,026,216	
1952 .....	2	1,427	257,707		147,849,770	

(\*) Blister copper plus recoverable copper in ores and matte exported.

Note: 1952- Nova Scotia, 426 tons valued at \$237,387

Table 13 - PRODUCTION OF REFINED COPPER, CONSUMPTION, IMPORTS AND EXPORTS

Year	Production	Domestic	Exports	Imports
		consumption	(Tons of 2,000 pounds)	
1943 .....	251,495	176,000	64,333	...
1944 .....	256,244	122,000	135,233	2
1945 .....	228,861	90,000	129,349	...
1946 .....	167,221	80,500	101,414	...
1947 .....	202,425	109,210	87,478	...
1948 .....	221,275	109,844	107,911	...
1949 .....	226,083	100,905	129,089	...
1950 .....	238,204	106,876	131,503	...
1951 .....	245,466	134,174	107,214	1,511
1952 .....	196,985	130,477	113,675	12,973

COPPER

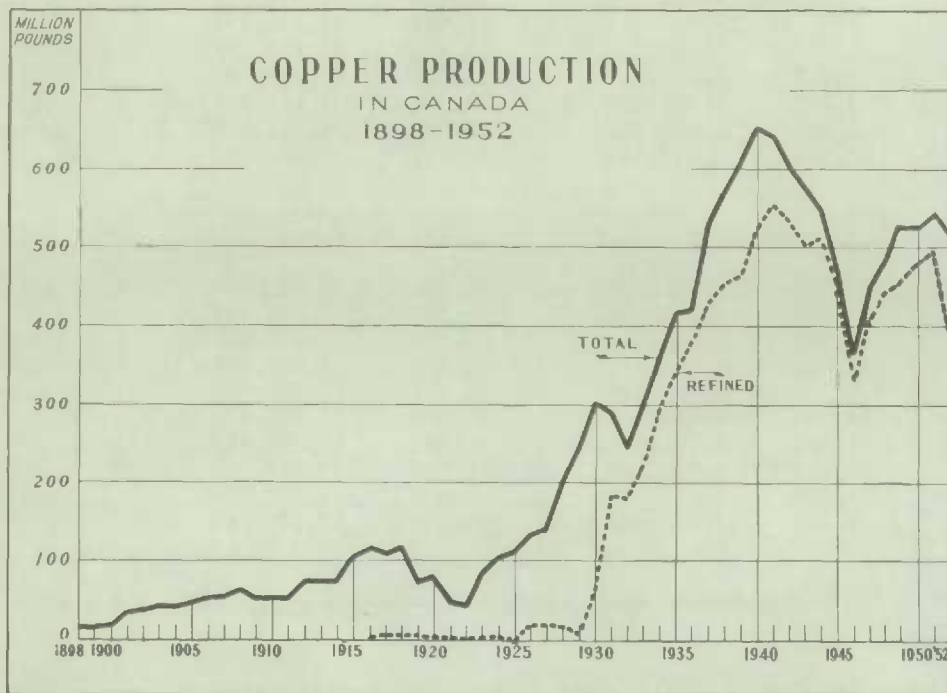


Table 14 - EXPORTS OF PRIMARY COPPER

Year	Blister copper		Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	4,274	846,896	36,210	5,069,358	64,333	12,731,158
1944 .....	...	...	27,989	3,918,495	135,233	29,049,257
1945 .....	...	...	19,295	2,701,244	129,349	32,098,264
1946 .....	...	...	17,628	2,467,906	101,415	27,463,366
1947 .....	...	...	29,094	9,310,000	87,478	33,485,810
1948 .....	...	...	28,556	9,137,840	116,169	50,682,650
1949 .....	...	...	37,058	14,823,140	127,160	53,714,754
1950 .....	...	...	32,299	12,919,680	134,244	59,665,730
1951 .....	...	...	36,853	14,740,460	101,832	59,022,855
1952 .....	...	...	34,437	15,387,824	113,675	71,406,317

G O L D

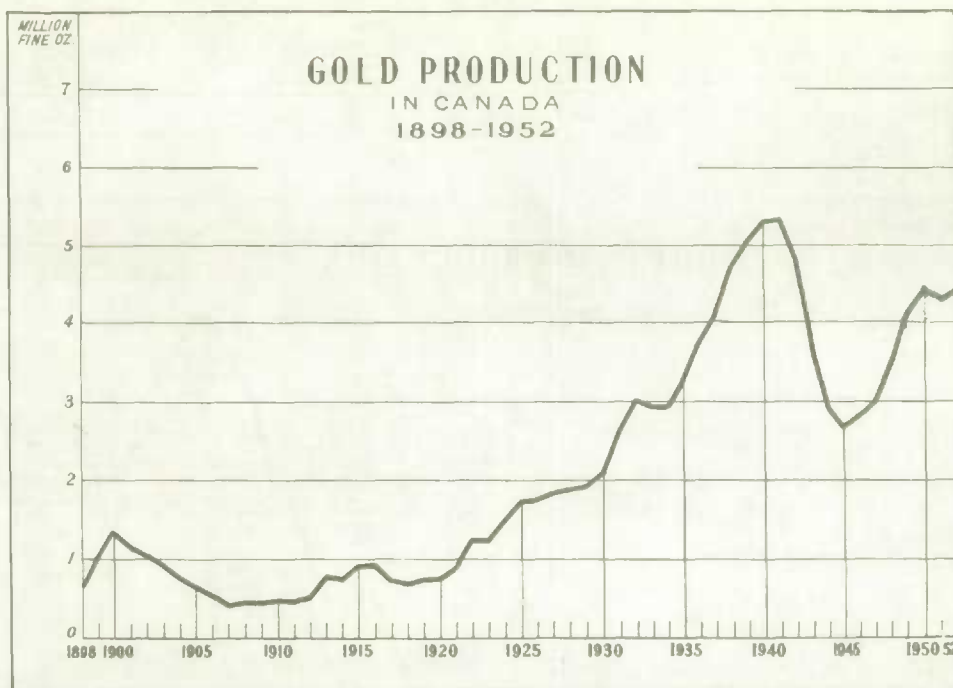


Table 15 - PRODUCTION OF GOLD

Year	Fine ounces	\$	Year	Fine ounces	\$
1943 .....	3,651,301	140,575,088	1948 .....	3,529,608	123,536,280
1944 .....	2,922,911	112,532,073	1949 .....	4,123,518	148,446,648
1945 .....	2,696,727	103,823,990	1950 .....	4,441,227	168,988,687
1946 .....	2,832,554	104,096,359	1951 .....	4,392,751	161,872,873
1947 .....	3,070,221	107,457,735	1952 .....	4,419,570	151,458,664

Table 16 - GOLD PRODUCTION BY PROVINCES AND AREAS

	1951		1952	
	Fine ounces	\$	Fine ounces	\$
Newfoundland .....	8,515	313,778	8,030	275,188
Nova Scotia .....	17	626	1,564	53,598
Quebec -				
Gold mines .....	724,878	26,711,754	775,665	26,582,040
Base metal mines .....	342,428	12,618,472	334,012	11,446,591
Total Quebec .....	1,067,306	39,330,226	1,109,677	38,028,631
Ontario -				
Gold mines: Porcupine .....	1,062,951	39,169,744	1,126,178	38,594,120
Kirkland Lake ...	454,986	16,766,234	412,610	14,140,145
Larder Lake .....	352,135	12,976,175	367,815	12,605,020
Matachewan .....	41,984	1,547,111	37,315	1,278,785
Sudbury .....	23,717	873,971	38,763	1,328,408
Thunder Bay .....	137,291	5,059,173	119,315	4,088,925
Patricia .....	349,404	12,875,538	318,744	10,923,357
Other mines .....	40,511	89,267,946	37,619	1,289,203
Total Ontario .....	2,462,979	90,760,776	2,458,359	84,247,963

Table 16 - GOLD PRODUCTION BY PROVINCES AND AREAS (Concluded)

	1951		1952	
	Fine ounces	\$	Fine ounces	\$
<b>Manitoba -</b>				
Gold mines .....	126,867	4,675,049	118,844	4,072,784
Other mines .....	37,047	1,365,182	23,159	793,659
<b>Total Manitoba .....</b>	<b>163,914</b>	<b>6,040,231</b>	<b>142,003</b>	<b>4,866,443</b>
<b>Saskatchewan -</b>				
Gold mines .....	...	...	2	69
Other mines .....	110,216	4,061,460	89,188	3,056,472
<b>Total Saskatchewan .....</b>	<b>110,216</b>	<b>4,061,460</b>	<b>89,190</b>	<b>3,056,541</b>
<b>Alberta (placer) .....</b>	<b>97</b>	<b>3,574</b>	<b>88</b>	<b>3,016</b>
<b>British Columbia -</b>				
Gold mines (lode) .....	223,142	8,222,783	188,240	6,450,985
Gold mines (placer) .....	18,802	692,854	15,065	516,277
Other mines .....	48,048	1,770,568	82,240	2,818,365
<b>Total British Columbia ..</b>	<b>289,992</b>	<b>10,686,205</b>	<b>285,545</b>	<b>9,785,627</b>
<b>Northwest Territories -</b>				
Gold mines .....	212,211	7,819,975	246,245	8,438,816
<b>Yukon (chiefly placer) .....</b>	<b>77,504</b>	<b>2,856,022</b>	<b>78,869</b>	<b>2,702,841</b>
<b>TOTAL CANADA .....</b>	<b>4,392,751</b>	<b>161,872,873</b>	<b>4,419,570</b>	<b>151,458,664</b>

IRON ORE

Table 17 -

Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
1943 .....	641,294	2,032,240	3,906,425	9,056,389	374,677	2,450,985
1944 .....	553,252	1,909,608	3,126,649	7,393,926	308,424	1,153,166
1945 .....	1,135,444	3,635,095	3,739,867	8,595,799	771,495	2,552,691
1946 .....	1,549,523	6,822,947	2,281,677	6,467,023	1,145,256	4,352,971
1947 .....	1,919,366	9,313,201	3,944,550	12,716,818	1,749,976	6,023,448
1948 .....	1,337,244	7,487,611	4,300,163	15,506,959	1,070,277	5,300,742
1949 .....	3,675,096	21,203,907	2,517,235	12,057,415	2,550,299	14,117,171
1950 .....	3,605,261	23,413,547	3,070,557	16,801,727	2,227,475	13,309,782
1951 .....	4,680,510	31,141,112	3,831,418	22,671,265	3,225,767	18,596,137
1952 .....	5,205,058	34,186,286	4,267,658	26,519,451	3,846,998	22,333,472

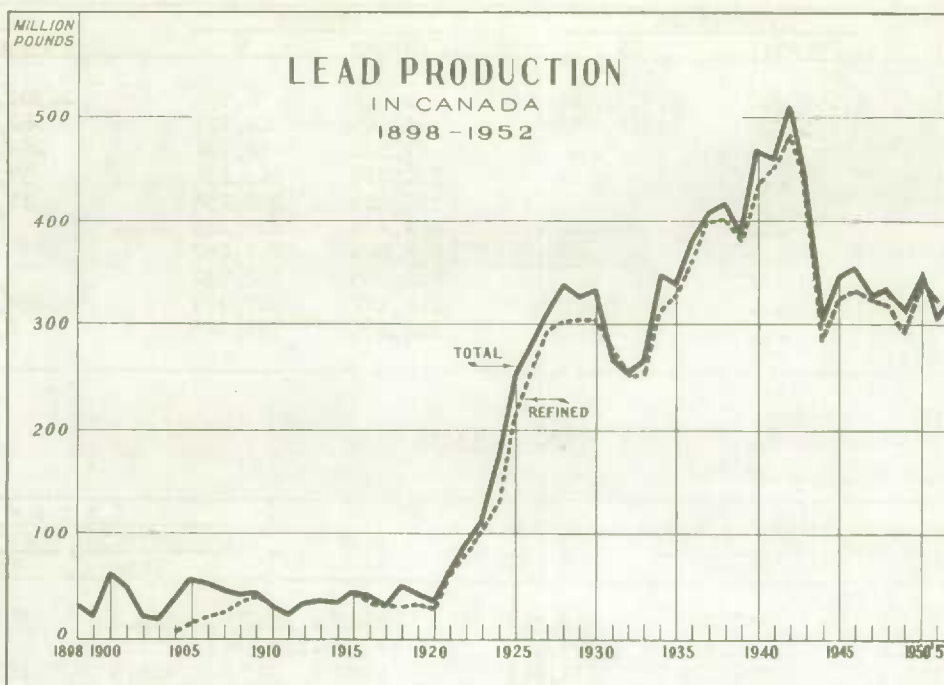
LEAD

Table 18 -

Year	Production primary(*) lead in all forms		Production refined lead(+)	Exports				Consumption refined lead
	Tons	\$		Lead contained in ore		Pig lead		
			Tons	\$	Tons	\$	Tons	\$
1943 .....	222,030	16,670,041	223,871	5,735	425,306	154,348	9,222,104	53,090
1944 .....	152,291	13,706,199	143,556	9,500	650,433	102,880	6,394,550	51,671
1945 .....	173,497	17,349,723	163,142	7,834	573,690	107,292	8,603,049	62,263
1946 .....	176,987	23,893,230	165,744	6,007	736,933	104,109	15,977,709	62,784
1947 .....	161,668	44,200,124	162,000	6,726	1,061,583	124,965	29,098,727	64,131
1948 .....	167,251	60,344,146	160,025	5,607	1,563,492	103,762	32,758,514	59,542
1949 .....	159,775	50,488,879	146,149	19,891	4,741,371	113,534	36,725,204	51,281
1950 .....	165,697	47,886,452	170,023	19,276	5,560,510	115,167	32,241,459	54,723
1951 .....	158,231	58,229,146	162,000	19,648	6,765,963	105,736	38,123,412	59,543
1952 .....	164,879	53,321,978	N.A.	23,967	6,897,640	129,740	41,614,984	N.A.

(\*) Lead in base bullion plus recoverable lead in ores exported.

(+ ) Includes lead from foreign ores.



MAGNESIUM

Table 19 -

Year	Production refined magnesium		Year	Production refined magnesium	
	Pounds	\$		Pounds	\$
1943 .....	7,153,974	2,074,652	1947-1949 .....	Not available for publication	
1944 .....	10,579,778	2,575,695	1950 .....	...	1,545,011(*)
1945 .....	7,358,545	1,607,264	1951 .....	...	3,618,219(*)
1946 .....	320,677	75,538	1952 .....	...	4,613,995(*)

(\*) Includes calcium in 1950-1952

MANGANESE ORE

Table 20 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1943 .....	48	985	51,234	1,445,252
1944 .....	...	...	85,795	2,370,109
1945 .....	...	...	198,277	4,571,592
1946 .....	...	...	144,023	2,484,707
1947 .....	225	7,875	223,503	6,145,568
1948 .....	3	88	230,298	6,449,819
1949 .....	...	...	137,854	4,475,522
1950 .....	...	...	135,697	4,993,912
1951 .....	...	...	222,082	9,078,011
1952 .....	...	...	194,404	8,273,722



MERCURY

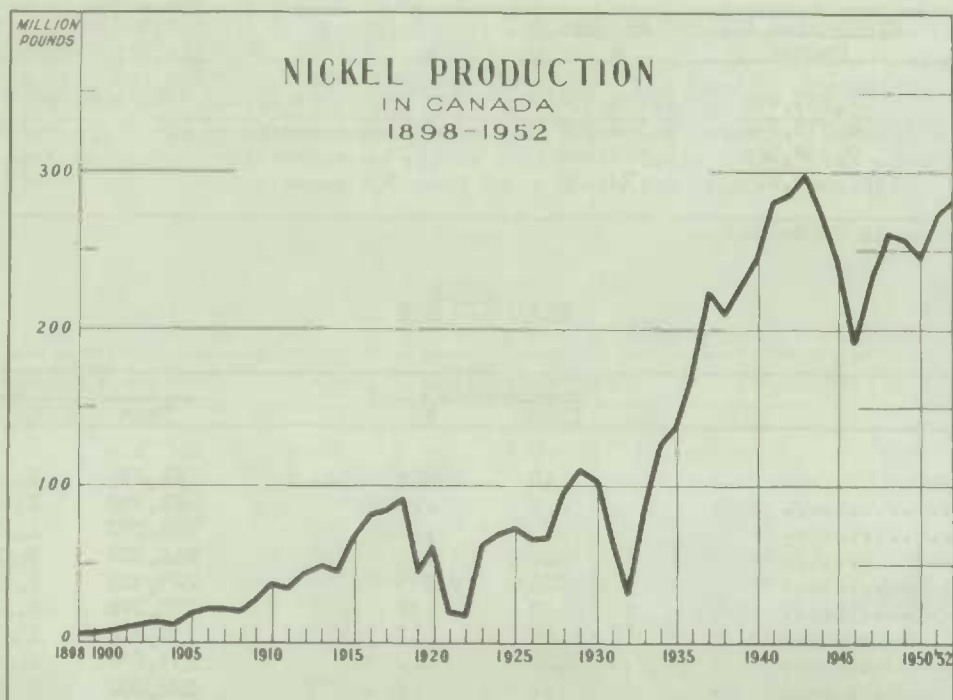
Table 21 -

Year	Production		Imports		Exports	
	Pounds	¢	Pounds	¢	Pounds	¢
1943 .....	1,690,240	4,559,200	2,047	6,981	1,304,692	Not
1944 .....	735,908	1,210,375	35,425	44,171	362,670	avail-
1945 .....	...	...	27,101	32,924	261,720	able
1946 .....	...	...	152,719	165,431	57,005	100,665
1947 .....	...	...	412,649	400,156	17,084	22,205
1948 .....	...	...	803,878	600,223	175	251
1949 .....	...	...	278,069	266,092	8	16
1950 .....	...	...	614,005	542,752	8,100	10,024
1951 .....	...	...	308,172	767,319	58,235	149,035
1952 .....	...	...	144,439	388,025	1,500	4,935

MOLYBDENITE

Table 22 -

Year	Shipments			Year	Shipments		
	Concentrates	MoS <sub>2</sub> Content	¢		Concentrates	MoS <sub>2</sub> Content	¢
	Tons	Pounds			Tons	Pounds	
1943 .....	392.4	653,200	549,515	1948 .....	173.5	304,762	137,143
1944 .....	1,064.0	1,870,132	1,079,698	1949 .....	...	...	...
1945 .....	489.1	839,419	411,663	1950 .....	108.9	103,550	60,059
1946 .....	368.2	676,844	295,640	1951 .....	241.1	381,596	228,958
1947 .....	396.0	759,795	309,048	1952 .....	N.A.	497,735	298,641



N I C K E L

Table 23 -

Year	Production primary(*) nickel in all forms		E x p o r t s			
			Nickel contained in matte or speiss		Refined nickel	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	144,009	71,675,322	36,415	13,109,436	95,240	53,438,303
1944 .....	137,299	69,204,152	33,848	12,185,370	97,509	55,640,407
1945 .....	122,565	61,982,133	28,295	10,186,290	78,168	43,783,221
1946 .....	96,062	45,385,155	30,625	11,026,910	80,797	43,949,160
1947 .....	118,626	70,650,764	39,767	18,292,728	70,756	39,074,966
1948 .....	131,740	86,904,235	50,801	24,320,922	71,247	44,460,782
1949 .....	128,690	99,173,289	56,902	41,760,237	69,088	49,874,301
1950 .....	123,659	112,104,685	53,090	46,423,080	66,894	57,568,522
1951 .....	137,903	151,269,994	57,882	60,286,680	72,357	75,600,713
1952 .....	140,007	150,908,900	63,753	70,248,850	77,059	79,672,175

(\*) Refined nickel and nickel in oxide and salts plus nickel in matte exported.

M E T A L S O F T H E P L A T I N U M G R O U P

Table 24 -

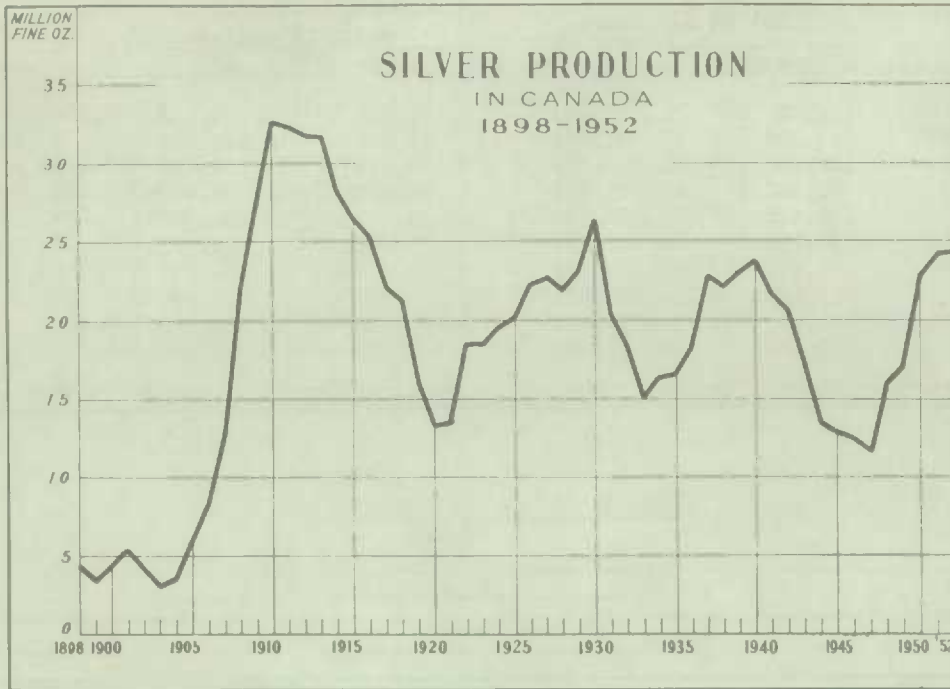
Year	P r o d u c t i o n (*)			
	Platinum		Palladium, rhodium, iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
1943 .....	219,713	8,458,951	126,004	5,233,068
1944 .....	157,523	6,064,635	42,929	1,960,085
1945 .....	208,234	8,017,010	458,674	18,671,074
1946 .....	121,771	7,672,791	117,566	5,162,801
1947 .....	94,570	5,582,467	110,332	4,387,740
1948 .....	121,404	10,622,850	148,343	6,295,132
1949 .....	153,784	11,603,002	182,233	8,289,915
1950 .....	124,571	10,255,929	148,741	7,578,144
1951 .....	153,483	14,542,515	164,905	7,950,107
1952 .....	120,300	10,736,775	149,600	7,311,407

(\*) From 1945 the figures represent the metal content of concentrates produced from nickel-copper ores. For earlier years the figures refer to refined metals recovered and the contents of concentrates sold. 1945 includes an accumulated revision of previous years.

S E L E N I U M

Table 25 -

Year	Production		Exports	
	Pounds	\$	Pounds	\$
1943 .....	374,013	654,523	211,530	380,493
1944 .....	298,592	537,466	250,404	445,768
1945 .....	379,187	728,039	442,084	843,404
1946 .....	521,867	949,798	723,490	1,261,205
1947 .....	501,090	937,038	673,588	1,131,013
1948 .....	390,894	781,788	447,885	827,881
1949 .....	318,225	652,361	343,784	627,558
1950 .....	261,973	633,975	542,401	1,195,143
1951 .....	382,603	1,239,633	370,473	1,301,245
1952 .....	265,600	841,100	244,121	894,071



SILVER

Table 26 -

Year	Production primary silver in all forms		Exports			
	Fine ounces	\$	Silver contained in ores, concentrates, etc.		Silver bullion	
			Fine ounces	\$	Fine ounces	\$
1943 .....	17,344,569	7,849,111	2,253,018	1,040,297	9,198,617	4,517,756
1944 .....	13,627,109	5,859,656	2,389,739	1,170,475	3,577,243	1,762,944
1945 .....	12,942,906	6,083,166	2,232,405	1,153,106	2,723,698	1,443,814
1946 .....	12,544,100	10,493,139	1,863,817	1,429,083	2,316,689	2,061,338
1947 .....	12,504,018	9,002,893	2,722,261	1,998,464	7,514,373	5,429,335
1948 .....	16,109,982	12,082,487	3,294,691	2,433,953	5,434,364	4,026,174
1949 .....	17,641,493	13,098,808	4,054,614	3,005,184	6,211,912	4,568,287
1950 .....	23,221,431	18,767,561	3,494,107	2,742,599	8,355,183	6,678,507
1951 .....	23,125,825	21,865,467	2,413,288	2,059,949	15,381,276	14,419,658
1952 .....	24,375,853	20,366,026	3,546,448	2,830,376	14,928,515	12,617,803

TELLURIUM

Table 27 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1943 .....	8,600	15,050	1948 .....	11,425	19,994
1944 .....	10,661	18,657	1949 .....	11,692	21,046
1945 .....	484	929	1950 .....	10,075	19,143
1946 .....	15,848	24,405	1951 .....	8,913	16,400
1947 .....	9,194	16,090	1952 .....	13,700	30,200

T I N

Table 28 -

Year	Production refined tin		Imports in blocks, pigs		Consumption
	Tons	\$	Tons	\$	Tons
1943 .....	388	450,623	1,316	1,504,438	2,865
1944 .....	258	299,643	1,341	1,767,779	3,383
1945 .....	425	492,990	3,598	4,983,234	4,108
1946 .....	437	507,028	4,201	5,977,344	4,152
1947 .....	357	517,794	4,436	6,677,436	4,063
1948 .....	346	688,567	4,029	7,898,335	4,531
1949 .....	310	633,047	4,117	7,861,468	4,835
1950 .....	398	828,259	5,395	10,337,330	5,069
1951 .....	173	494,073	6,872	19,576,828	5,288
1952 .....	106	254,400	4,423	10,595,385	4,743

TITANIUM ORE

Table 29 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1943 .....	69,437	308,290	1948 .....	4,441	21,091
1944 .....	33,973	165,195	1949 .....	540	2,892
1945 .....	14,147	67,575	1950 .....	1,253	7,706
1946 .....	1,406	7,735	1951 .....	1,674	9,790
1947 .....	7,104	36,036	1952 .....	51	456

TUNGSTEN

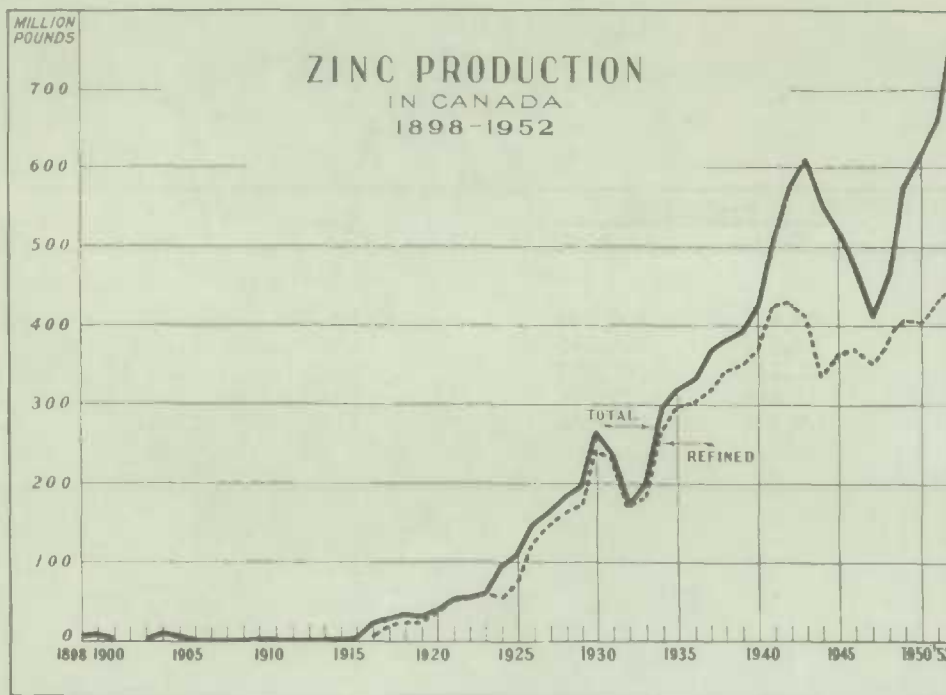
Table 30 -

Year	Production tungsten concentrates			Imports tungsten-bearing ores	
	Crude (Pounds)	WO <sub>3</sub> content	\$	Pounds	\$
1943 .....	1,508,621	817,763	1,083,538	121,300	98,412
1944 .....	886,745	283,253	245,780	...	...
1945 .....	1,153	792	1,045	3,900	3,362
1946 .....	...	...	...	2,000	1,131
1947 .....	668,000	496,023	680,792	97,500	75,811
1948 .....	1,409,297	1,046,160	1,046,160	166,400	126,519
1949 .....	334,000	252,380	252,380	55,600	34,613
1950 .....	1,886,000	284,078	160,343	55,600	49,942
1951 .....	4,145	2,833	7,098	86,562	164,827
1952 .....	N.A.	1,222,262	3,666,786	73,485	202,064

Z I N C

Table 31 -

Year	Production primary zinc in all forms		Production refined zinc	Consumption refined zinc	E x p o r t s			
	Tons	\$			Tons	Tons	Zinc contained in ore	
			Tons	\$			Tons	Tons
1943 .....	305,377	24,430,174	206,510	80,599	111,275	6,097,117	129,315	10,260,030
1944 .....	275,412	23,685,405	168,518	67,359	113,303	7,046,844	95,985	7,666,731
1945 .....	258,607	33,308,556	183,317	55,663	91,780	5,540,384	121,960	14,122,706
1946 .....	235,310	36,755,450	185,683	54,969	58,200	3,181,120	144,896	24,174,704
1947 .....	207,863	46,686,010	178,264	51,065	40,575	2,916,649	137,228	26,661,360
1948 .....	234,164	65,237,956	196,575	46,899	54,227	4,752,238	144,887	36,685,950
1949 .....	288,264	76,372,147	206,045	41,578	106,684	12,562,931	168,307	42,482,982
1950 .....	313,227	98,040,145	204,367	54,370	129,561	17,399,678	146,880	40,593,669
1951 .....	341,112	135,762,643	207,799	61,023	154,593	27,153,095	146,132	55,423,769
1952 .....	382,056	133,459,938	221,844	51,437	181,754	34,491,726	166,864	61,309,973



F U E L S

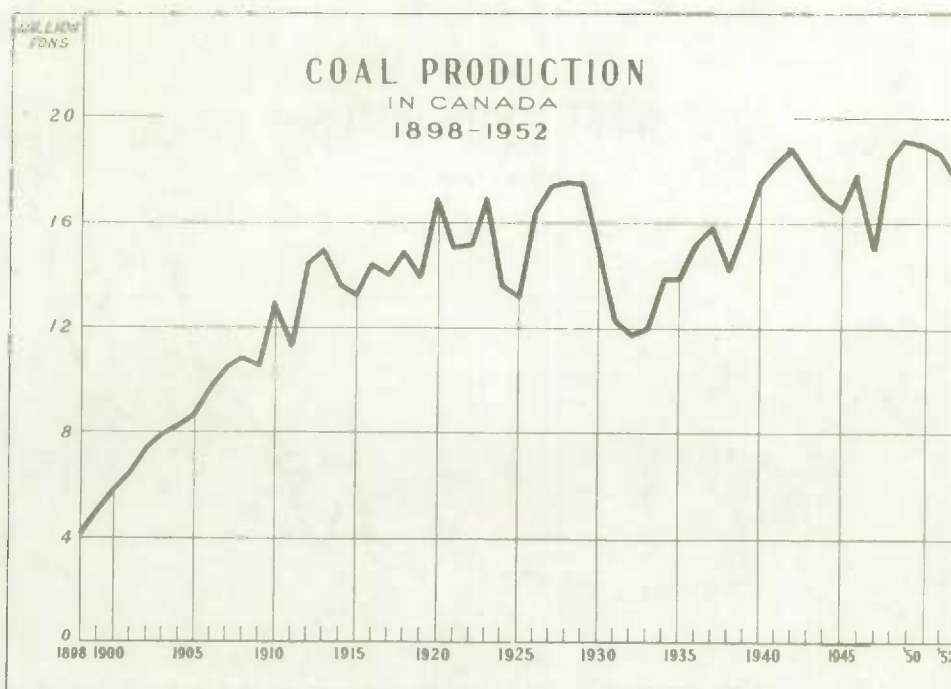
COAL

Table 32 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	17,859,057	62,877,549	28,108,922	101,245,455	1,110,101	5,428,362
1944 .....	17,026,499	70,433,169	28,723,854	113,138,016	1,110,240	5,984,827
1945 .....	16,506,713	67,588,402	25,061,556	102,431,974	840,708	5,303,543
1946 .....	17,806,450	75,361,481	26,106,599	120,354,420	862,489	5,946,224
1947 .....	15,868,866	77,475,017	28,891,930	138,949,785	714,549	5,440,788
1948 .....	18,449,689	106,684,008	30,873,912	186,387,751	1,273,262	11,555,985
1949 .....	19,120,046	110,915,121	22,195,210	141,149,063	432,043	3,563,892
1950 .....	19,139,112	110,140,399	26,954,823	174,764,131	394,961	3,198,040
1951 .....	18,586,823	109,038,835	26,971,572	170,151,246	419,981	3,448,005
1952 .....	17,360,000	109,420,000	25,088,450	152,538,874	388,960	3,203,522

Table 33 - COAL PRODUCTION, BY PROVINCES, 1951 and 1952

Province	1 9 5 1		1 9 5 2	
	Tons	\$	Tons	\$
Nova Scotia .....	6,307,629	49,113,932	5,850,000	50,432,000
New Brunswick .....	653,439	4,822,869	720,000	5,616,000
Saskatchewan .....	2,223,318	4,361,677	2,020,000	3,895,000
Alberta .....	7,659,329	40,981,581	7,150,000	39,733,000
British Columbia .....	1,739,412	9,698,179	1,612,000	9,612,000
Yukon .....	3,696	60,597	8,000	132,000
<b>CANADA .....</b>	<b>18,586,823</b>	<b>109,038,835</b>	<b>17,360,000</b>	<b>109,420,000</b>



NATURAL GAS

Table 34 -

Year	Production		Year	Production	
	M cu.ft.	\$		M cu.ft.	\$
1943 .....	44,276,216	13,159,418	1948 .....	58,603,269	15,632,507
1944 .....	45,067,158	11,422,541	1949 .....	60,457,177	11,620,302
1945 .....	48,411,585	12,309,564	1950 .....	67,822,230	6,433,041
1946 .....	47,900,484	12,165,050	1951 .....	79,460,667	7,158,920
1947 .....	52,656,567	13,429,558	1952 .....	87,591,200	9,305,610

Table 35 - NATURAL GAS PRODUCTION, BY PROVINCES, 1951 and 1952

Province	1 9 5 1		1 9 5 2	
	M cu.ft.	\$	M cu.ft.	\$
New Brunswick .....	261,579	194,312	200,200	148,710
Ontario .....	8,442,842	3,377,137	7,916,000	3,166,400
Saskatchewan .....	860,082	86,008	950,000	95,000
Alberta .....	69,876,831	3,493,842	78,500,000	5,887,500
Northwest Territories .....	19,333	7,621	25,000	8,000
<b>CANADA .....</b>	<b>79,460,667</b>	<b>7,158,920</b>	<b>87,591,200</b>	<b>9,305,610</b>

CRUDE PETROLEUM

Table 36 -

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
1943 .....	10,052,302	16,470,417	1948 .....	12,286,660	37,418,895
1944 .....	10,099,404	15,429,900	1949 .....	21,305,348	61,118,490
1945 .....	8,482,796	13,632,248	1950 .....	29,043,788	84,619,937
1946 .....	7,585,555	14,989,052	1951 .....	47,615,534	116,655,238
1947 .....	7,692,492	19,575,682	1952 .....	60,864,500	143,372,540

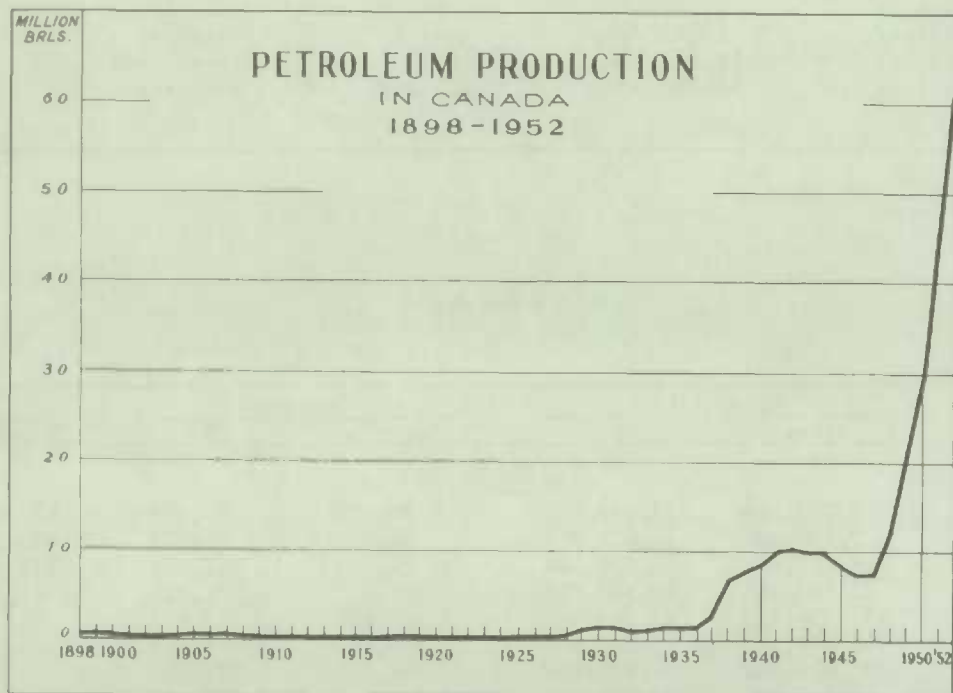


Table 37 - CRUDE PETROLEUM PRODUCTION, BY PROVINCES, 1951 and 1952

Province	1 9 5 1		1 9 5 2	
	Barrels	\$	Barrels	\$
New Brunswick .....	15,551	21,771	14,500	20,300
Ontario .....	197,171	677,905	192,000	660,480
Manitoba .....	10,698	26,478	80,000	196,000
Saskatchewan .....	1,249,281	1,659,045	1,600,000	2,080,000
Alberta .....	45,915,384	113,870,152	58,677,000	139,886,000
Northwest Territories .....	227,449	399,887	301,000	529,760
CANADA .....	47,615,534	116,655,238	60,864,500	143,372,540

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALSCLAY PRODUCTS

Table 38 -

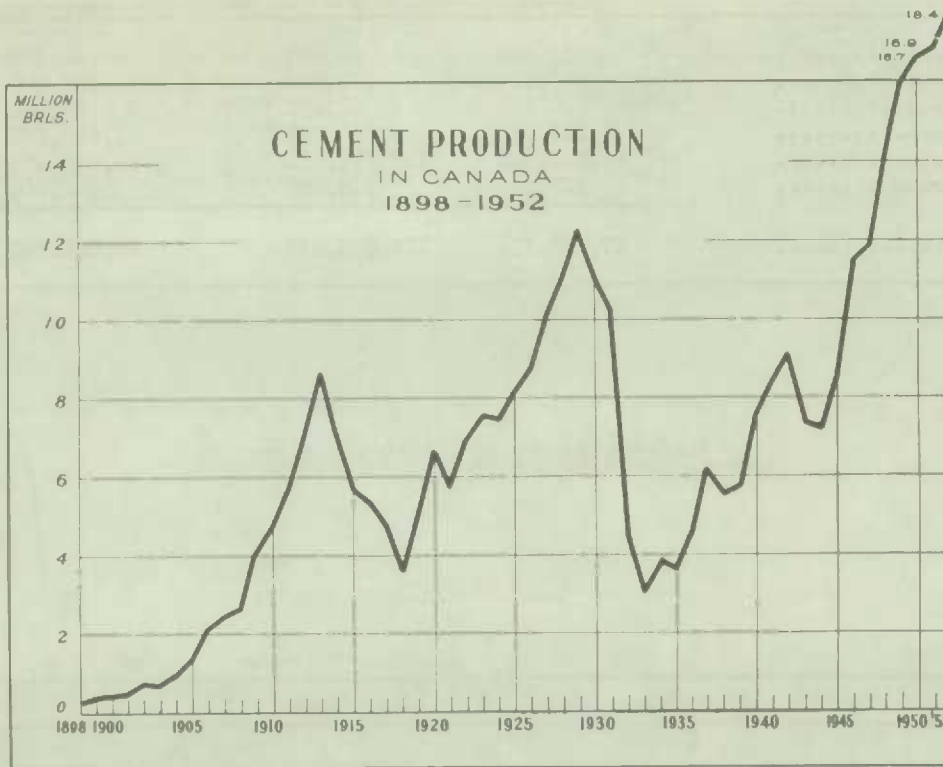
Year	Production	Year	Production
	\$		\$
1943 .....	6,608,193	1948 .....	17,629,048
1944 .....	6,997,425	1949 .....	17,981,709
1945 .....	8,913,092	1950 .....	21,790,888
1946 .....	12,207,367	1951 .....	23,527,656
1947 .....	14,486,189	1952 .....	24,418,693

C E M E N T

Table 39 -

Year	Production		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
1943 .....	7,302,289	11,599,033	18,577	83,975	172,601	344,304
1944 .....	7,190,851	11,621,372	14,004	76,838	210,449	377,434
1945 .....	8,471,679	14,246,480	32,653	141,539	281,944	535,012
1946 .....	11,560,483	20,122,503	350,057	1,098,532	114,370	236,276
1947 .....	11,936,245	21,968,909	1,248,625	3,843,652	88,030	198,354
1948 .....	14,127,123	28,264,987	1,120,671	3,995,173	73,000	200,575
1949 .....	15,916,564	32,901,936	2,284,000	6,877,939	19,212	51,733
1950 .....	16,741,826	35,894,124	1,386,216	3,788,981	23,910	111,351
1951 .....	17,007,812	40,446,288	2,327,431	7,447,859	2,590	12,386
1952 .....	18,350,964	47,623,129	2,913,981	9,068,181	4,306	20,686





L I M E

Table 40 -

Year	P r o d u c t i o n					
	Quicklime		Hydrated lime		T O T A L	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	766,147	5,990,088	141,621	842,904	907,768	6,832,992
1944 .....	738,202	5,948,079	146,940	978,765	885,142	6,926,844
1945 .....	708,173	5,579,868	124,080	945,170	832,253	6,525,038
1946 .....	684,674	5,778,243	156,125	1,296,697	840,799	7,074,940
1947 .....	801,886	7,021,199	175,527	1,521,308	977,413	8,542,507
1948 .....	850,043	8,709,834	203,541	1,945,228	1,053,584	10,655,062
1949 .....	798,187	8,971,040	220,636	2,338,780	1,018,823	11,309,820
1950 .....	885,219	9,748,936	238,969	2,532,148	1,124,188	12,281,084
1951 .....	982,689	11,387,428	258,352	2,695,092	1,241,041	14,082,520
1952 .....		Not available			1,209,653	13,683,485

S A N D A N D G R A V E L

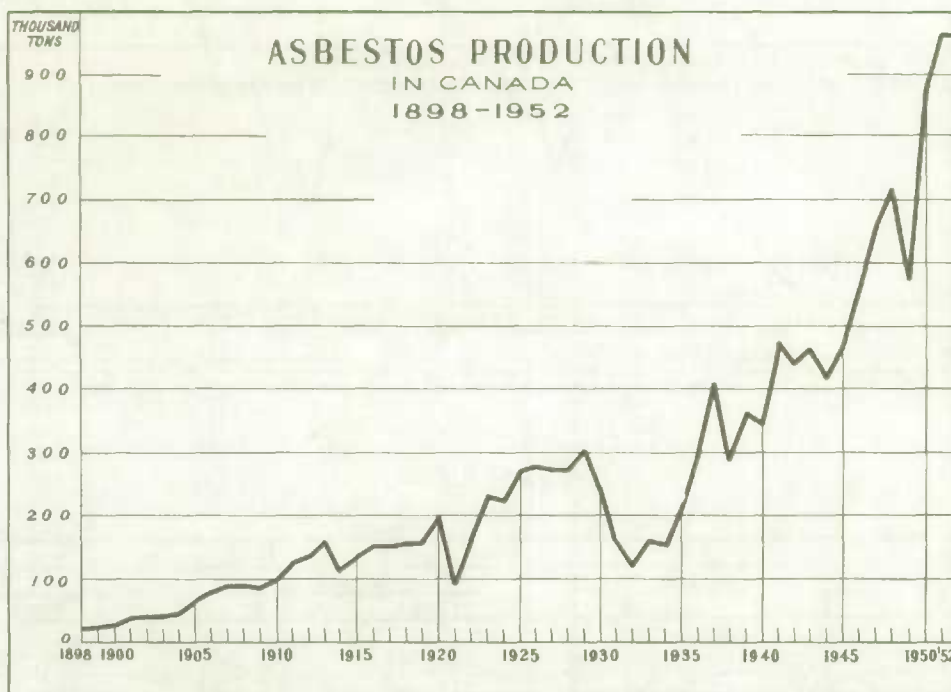
Table 41 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1943 .....	25,744,469	9,005,857	1948 .....	68,670,863	30,629,596
1944 .....	28,399,986	10,280,119	1949 .....	63,356,308	31,181,541
1945 .....	29,750,703	10,568,363	1950 .....	73,095,163	36,434,759
1946 .....	39,949,994	15,529,700	1951 .....	92,972,821	44,627,559
1947 .....	56,789,569	23,114,431	1952 .....	96,470,881	49,121,048

STONE

Table 42 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1943 .....	7,222,950	7,964,179	1948 .....	11,696,643	17,948,553
1944 .....	5,994,992	7,159,177	1949 .....	13,928,039	20,528,073
1945 .....	6,205,555	8,166,700	1950 .....	18,087,064	25,895,357
1946 .....	8,056,260	11,185,711	1951 .....	18,676,706	28,649,768
1947 .....	10,889,388	16,464,749	1952 .....	17,811,808	29,200,289



ASBESTOS

Table 43 -

Year	Production		Exports		
	Tons	\$	Crude Tons	Milled fibres Tons	Waste, refuse or shorts Tons
1943 .....	476,196	23,169,505	1,990	210,837	230,172
1944 .....	419,265	20,619,516	1,541	181,668	212,728
1945 .....	466,897	22,805,157	863	209,765	229,929
1946 .....	558,181	25,240,562	639	215,233	304,312
1947 .....	661,821	33,005,748	953	223,693	412,250
1948 .....	716,769	42,231,475	872	237,077	452,493
1949 .....	574,906	39,746,072	631	181,641	352,718
1950 .....	875,344	65,854,568	845	289,798	539,336
1951 .....	973,198	81,584,345	660	324,594	617,060
1952 .....	966,382	88,823,271	692	339,818	561,548

ARSENIOUS OXIDE

Table 44 -

Year	Production (crude and refined)(*)		Exports (crude and refined)(*)	
	Pounds	\$	Pounds	\$
1943 .....	3,153,538	254,009	2,558,600	192,926
1944 .....	2,627,022	180,866	2,189,300	153,729
1945 .....	2,045,730	130,909	1,997,900	107,120
1946 .....	745,885	38,264	585,900	28,968
1947 .....	787,736	49,348	164,000	8,487
1948 .....	1,161,996	82,909	170,800	6,682
1949 .....	526,645	26,332	12,400	930
1950 .....	794,091	52,029	361,400	17,382
1951 .....	2,353,362(+)	129,435	1,842,200	77,872
1952 .....	1,530,000(+)	98,000	294,800	16,906

(\*) Does not include arsenic in ores exported from British Columbia.

(+) Data for 1951-1952 includes some arsenious oxide recovered from foreign ores.

BARITE

Table 45 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1943 .....	24,474	279,253	1,686	43,239
1944 .....	118,719	1,023,696	1,824	47,913
1945 .....	139,589	1,211,403	1,150	32,531
1946 .....	120,419	1,006,473	1,546	42,904
1947 .....	128,675	1,380,753	1,737	51,060
1948 .....	95,747	1,073,380	1,263	39,613
1949 .....	47,138	557,662	939	32,269
1950 .....	77,177	750,378	2,089	70,095
1951 .....	98,113	1,131,917	1,068	37,471
1952 .....	119,333	1,364,703	1,445	44,488

FELDSPAR

Table 46 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	23,858	237,771	526	12,866	12,724	96,453
1944 .....	23,509	227,632	546	10,658	13,081	102,918
1945 .....	30,246	282,656	826	15,052	16,888	125,028
1946 .....	35,243	384,677	705	13,622	19,239	140,403
1947 .....	36,104	381,360	321	7,947	18,311	120,998
1948 .....	54,851	564,437	207	4,640	31,467	223,945
1949 .....	36,948	428,502	228	4,555	17,570	111,915
1950 .....	35,548	428,401	144	3,702	15,465	112,757
1951 .....	40,749	551,097	194	4,915	19,832	173,821
1952 .....	21,760	346,048	154	3,769	6,360	54,899

FLUORSPAR

Table 47 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1943 .....	11,210	318,424	77,436	1,738,669
1944 .....	6,924	217,701	37,101	840,309
1945 .....	7,369	233,708	20,512	530,670
1946 .....	8,042	237,491	31,813	737,094
1947 .....	7,186	209,886	32,001	702,419
1948 .....	11,340	344,834	48,925	1,105,190
1949 .....	64,477	1,592,908	2,520	81,650
1950 .....	64,213	1,553,004	1,072	66,823
1951 .....	74,211	2,189,875	8,188	239,120
1952 .....	83,353	2,503,167	22,714	684,968

GRAPHITE

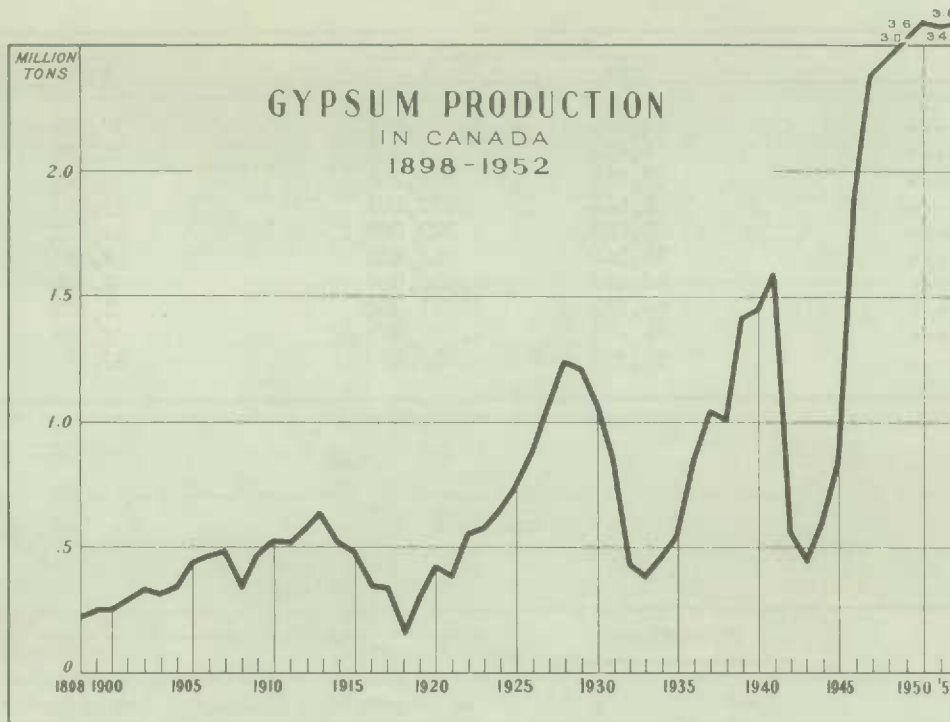
Table 48 -

Year	Production		Imports			Exports
	Tons	\$	Plumbago, not ground or otherwise manufactured	Crucibles, plumbago	Plumbago, ground and manufactures of, n.o.p.	\$
1943 .....	1,903	197,431	23,773	191,296	286,583	42,987
1944 .....	1,582	171,166	48,095	128,738	261,205	62,739
1945 .....	1,910	179,001	66,869	115,256	277,242	124,295
1946 .....	1,975	180,405	98,847	142,053	360,777	142,974
1947 .....	2,398	207,364	69,348	135,894	385,857	156,748
1948 .....	2,539	239,931	81,899	116,999	333,679	191,398
1949 .....	2,147	212,496	83,301	128,696	293,267	166,234
1950 .....	3,586	390,815	71,440	164,142	330,442	313,457
1951 .....	1,569	231,167	96,725	215,297	476,511	156,536
1952 .....	2,030	255,426	97,658	213,429	434,650	191,563

GYPSUM

Table 49 -

Year	Production		Exports crude gypsum	
	Tons	\$	Tons	\$
1943 .....	446,848	1,381,468	185,210	213,022
1944 .....	596,164	1,511,978	386,949	434,123
1945 .....	839,781	1,783,290	558,632	581,625
1946 .....	1,810,937	3,671,503	1,488,710	1,598,661
1947 .....	2,496,984	4,734,853	1,936,990	2,043,055
1948 .....	3,216,809	5,548,245	2,617,271	2,702,870
1949 .....	3,014,249	5,423,690	2,544,617	2,636,871
1950 .....	3,666,336	6,707,506	2,969,974	3,061,442
1951 .....	3,802,692	5,880,853	3,028,336	3,128,263
1952 .....	3,592,917	6,073,389	2,763,492	2,847,463



IRON OXIDES

Table 50 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1943 .....	8,401	135,893	1948 .....	13,181	203,391
1944 .....	8,599	150,250	1949 .....	13,625	207,887
1945 .....	10,314	172,053	1950 .....	13,696	262,632
1946 .....	12,695	152,268	1951 .....	13,342	262,277
1947 .....	13,418	258,322	1952 .....	11,847	226,037

MAGNESITIC-DOLOMITE AND BRUCITE

Table 51 -

Year	Production magnesitic-dolomite and brucite \$	Imports dead-burned, sintered and calcined magnesite		Exports dead-burned refractories	
		Tons	\$	Tons	\$
1943 .....	1,260,056	8,567	405,616	9,006	110,976
1944 .....	1,139,281	7,790	466,314	1,013	31,583
1945 .....	1,278,596	4,007	279,910	1,550	82,483
1946 .....	1,225,593	4,961	385,573	2,502	102,602
1947 .....	1,238,948(*)	9,339	662,750	4,867	81,686
1948 .....	1,724,489(*)	7,713	572,074	4,357	203,671
1949 .....	1,536,200	4,683	382,559	2,037	87,859
1950 .....	1,717,879	5,987	567,896	2,602	122,432
1951 .....	2,437,773(*)	6,520	430,607	4,902	254,049
1952 .....	2,914,272(*)	10,278	518,159	2,960	167,717

(\*) Includes some magnesium metal.

M I C A

Table 52 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1943 .....	8,050,692	553,856	1948 .....	7,902,303	219,948
1944 .....	6,684,846	841,026	1949 .....	3,490,556	108,458
1945 .....	7,044,221	233,270	1950 .....	3,879,209	252,611
1946 .....	8,720,669	199,039	1951 .....	4,961,508	447,650
1947 .....	8,318,755	200,903	1952 .....	1,990,827	139,884

MINERAL WATERS

Table 53 -

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
1943 .....	139,611	67,541	1948 .....	192,539	110,259
1944 .....	156,150	79,031	1949 .....	306,691	146,240
1945 .....	244,761	126,499	1950 .....	318,829	158,897
1946 .....	217,842	122,404	1951 .....	325,300	146,971
1947 .....	198,952	117,440	1952 .....	322,500	145,450

NEPHELINE SYENITE

Table 54 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1943 .....	49,901	292,010	36,240	129,826
1944 .....	47,625	217,989	35,310	123,905
1945 .....	61,345	275,766	48,351	153,311
1946 .....	61,261	229,198	51,839	168,895
1947 .....	66,995	341,635	52,198	188,352
1948 .....	74,386	506,462	61,107	327,518
1949 .....	78,783	623,002	57,291	386,954
1950 .....	65,638	842,886	54,351	619,202
1951 .....	81,108	1,114,943	59,777	857,236
1952 .....	85,500	1,116,500	56,323	802,376

PEAT MOSS

Table 55 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1943 .....	64,360	1,461,422	Not available	
1944 .....	80,446	1,869,553	63,949	2,105,370
1945 .....	83,963	2,011,139	76,409	2,625,514
1946 .....	96,839	2,395,649	81,940	2,892,563
1947 .....	80,019	2,279,821	72,918	2,634,003
1948 .....	89,800	2,767,878	77,924	2,946,923
1949 .....	80,249	2,376,849	68,390	2,554,388
1950 .....	75,195	2,256,870	65,962	2,718,257
1951 .....	76,809	2,433,008	71,874	3,073,002
1952 .....	77,258	2,372,168	68,276	3,127,593

## PHOSPHATE ROCK

Table 56 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1943 .....	1,451	18,385	260,846	1,085,080
1944 .....	482	6,716	388,247	1,710,378
1945 .....	299	4,356	317,695	1,450,580
1946 .....	57	869	373,677	2,164,841
1947 .....	...	...	485,391	2,857,522
1948 .....	...	...	482,008	2,911,168
1949 .....	20	291	620,808	3,879,523
1950 .....	129	1,069	491,026	3,296,341
1951 .....	6	94	499,710	3,178,899
1952 .....	...	...	470,413	3,130,306

## QUARTZ

Table 57 -

Year	Production quartz, quartzite, etc.		Exports of quartzite	
	Tons	\$	Tons	\$
1943 .....	1,776,749	1,608,448	68,555	124,345
1944 .....	1,740,262	1,658,409	126,608	260,181
1945 .....	1,513,628	1,535,458	121,435	282,578
1946 .....	1,413,378	1,554,798	200,316	441,976
1947 .....	1,836,428	1,796,612	223,240	489,129
1948 .....	2,017,262	2,082,573	228,100	494,284
1949 .....	1,722,476	1,588,531	144,302	326,091
1950 .....	1,730,695	1,740,268	195,430	540,940
1951 .....	1,904,885	2,258,468	281,379	838,227
1952 .....	1,783,267	2,467,267	193,955	642,351

Table 58 -

Year	Imports ganister		Imports silix or crystallized quartz, ground or unground		Imports flint and ground flint stones		Imports silica sand	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1943 .....	484	3,970	11,411	945,967	884	17,617	509,043	1,011,117
1944 .....	347	2,463	8,773	530,200	1,481	30,487	457,603	914,390
1945 .....	426	3,384	7,250	247,393	711	20,550	410,427	926,648
1946 .....	518	3,367	10,690	114,450	823	34,449	390,014	914,456
1947 .....	400	3,211	15,004	164,826	335	12,739	533,456	1,148,397
1948 .....	230	1,312	17,474	168,827	739	25,749	584,019	1,446,624
1949 .....	176	1,831	22,966	238,604	602	15,901	511,116	1,362,439
1950 .....	128	1,517	24,757	407,883	939	31,081	573,362	1,564,948
1951 .....	144	2,091	30,398	2,869,578	1,231	36,705	692,937	1,991,033
1952 .....	261	3,512	26,174	1,980,064	481	15,653	642,880	1,772,177

SALT

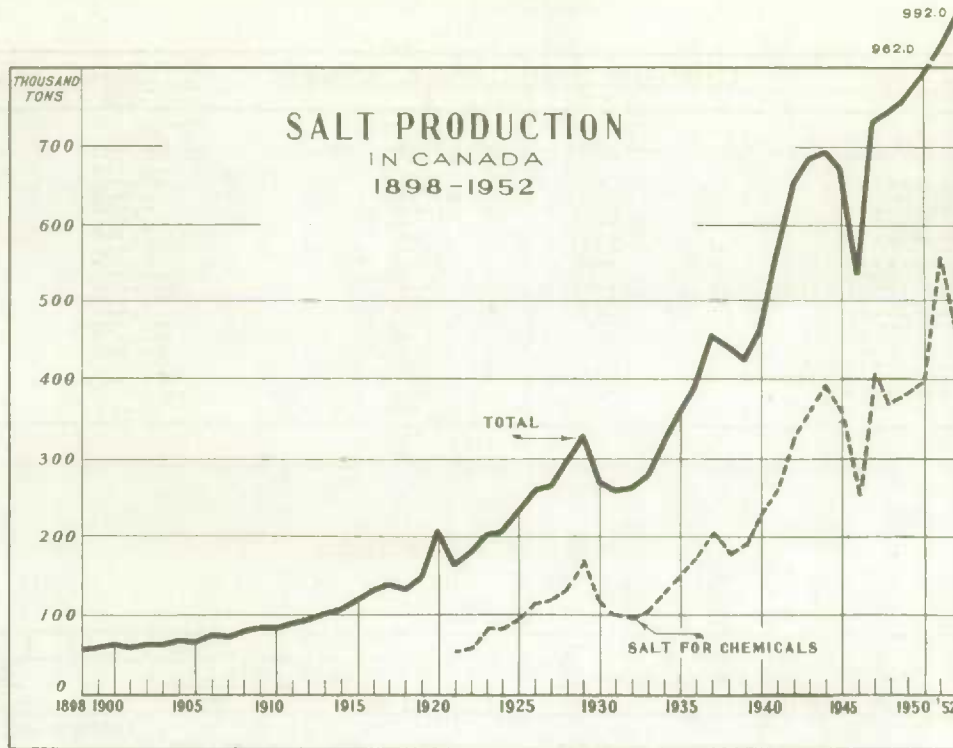


Table 59 -

Year	P r o d u c t i o n					
	Commercial salt		Salt for chemicals (*)		T O T A L	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	341,541	3,495,036	346,145	984,342	687,686	4,379,378
1944 .....	325,018	3,498,526	370,199	575,495	695,217	4,074,021
1945 .....	324,588	3,505,484	348,388	549,236	673,076	4,054,720
1946 .....	290,074	3,232,128	247,911	394,037	537,985	3,626,165
1947 .....	327,054	3,791,083	401,491	645,847	728,545	4,436,930
1948 .....	370,560	4,293,030	370,697	542,998	741,261	4,836,028
1949 .....	369,317	5,017,057	379,698	549,668	749,015	5,566,725
1950 .....	400,862	5,706,592	458,034	1,304,714	858,896	7,011,306
1951 .....					964,525	7,905,977
1952 .....					992,007	7,507,315

(\*) Dry salt and salt in brine used by producers for manufacture of chemicals.

Table 60 -

Year	I m p o r t s o f s a l t						Total exports of salt	
	For use of the sea or gulf fisheries		In bulk, n.o.p.		In bags, barrels, etc., n.o.p.			
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1943 .....	21,037	161,255	47,687	245,913	16,064	181,940	8,061	118,174
1944 .....	31,458	173,123	91,358	461,953	24,466	211,981	3,182	80,672
1945 .....	28,703	174,211	88,822	443,192	19,641	187,599	5,314	105,494
1946 .....	49,858	316,648	136,092	627,932	40,822	361,295	5,864	116,483
1947 .....	51,142	348,294	147,393	709,847	21,303	187,767	11,212	243,663
1948 .....	29,312	179,805	138,527	688,116	18,232	210,909	5,630	127,104
1949 .....	83,254	548,032	137,185	779,034	16,249	240,806	3,472	63,015
1950 .....	57,580	395,787	157,753	961,034	22,906	377,438	4,200	52,974
1951 .....	59,080	434,381	181,067	1,155,964	18,656	362,933	4,561	62,847
1952 .....	69,549	400,669	183,641	1,082,334	34,902	573,809	2,844	44,631



SODIUM CARBONATE (Natural)

Table 61 -

Year	Production natural sodium carbonate		Imports of soda ash	
	Tons	\$	Tons	\$
1943 .....	468	5,148	70,557	1,213,818
1944 .....	44	484	20,141	583,653
1945 .....	286	3,146	2,229	91,655
1946 .....	...	...	5,346	182,614
1947 .....	163	1,793	4,390	184,398
1948 .....	...	...	31,326	947,889
1949 .....	47	513	5,437	206,206
1950 .....	...	...	23,597	625,557
1951 .....	...	...	60,093	1,577,142
1952 .....	...	...	35,680	900,968

SODIUM SULPHATE (Natural)

Table 62 -

Year	Production of natural sodium sulphate		I m p o r t s			
	Tons	\$	Salt cake		Glauber's salt	
			Tons	\$	Tons	\$
1943 .....	107,121	1,025,151	11,904	150,496	566	16,399
1944 .....	102,421	987,842	20,459	195,105	777	21,960
1945 .....	93,068	884,322	13,540	120,982	1,016	29,452
1946 .....	105,919	1,117,683	20,881	244,617	1,258	33,136
1947 .....	163,290	1,793,043	9,829	172,531	1,383	41,125
1948 .....	153,698	2,136,276	12,394	240,228	1,472	52,212
1949 .....	120,259	1,614,731	4,294	65,722	1,991	59,959
1950 .....	130,730	1,615,867	15,705	201,260	2,256	62,996
1951 .....	192,371	2,383,770	19,432	340,740	3,234	102,930
1952 .....	156,308	1,709,140	19,576	313,739	4,577	122,294

SULPHUR

Table 63 -

Year	Production sulphur in pyrites and in smelter gases		Imports of sulphur		Exports of sulphur in pyrites	
	Tons	\$	Tons	\$	Tons	\$
1943 .....	257,515	1,753,425	218,527	3,524,006	104,509	409,597
1944 .....	248,088	1,755,739	235,955	3,875,649	90,836	353,441
1945 .....	250,114	1,881,321	248,846	4,063,324	75,479	315,232
1946 .....	234,771	1,784,666	273,502	4,271,081	68,045	286,254
1947 .....	221,781	1,822,867	361,424	5,466,201	56,336	281,880
1948 .....	229,463	1,836,358	354,622	5,528,740	50,243	195,710
1949 .....	261,871	2,039,384	280,557	5,213,921	90,553	382,476
1950 .....	301,172	2,189,660	390,333	7,730,126	111,652	473,046
1951 .....	371,790	3,120,785	395,928	8,959,677	178,039	1,177,151
1952 .....	441,271	4,096,615	415,185	8,376,824	197,897	1,643,180

TALC AND SOAPSTONE

Table 64 -

Year	P r o d u c t i o n				Imports of talc and soapstone		Exports of talc	
	T a l c		Soapstone (*)		Tons	\$	Tons	\$
	Tons	\$	Tons	\$				
1943 .....	11,959	131,216	14,204	135,469	6,450	130,813	11,365	146,516
1944 .....	13,584	153,122	19,013	204,127	6,094	130,603	11,920	157,178
1945 .....	12,863	141,194	14,225	153,694	6,388	131,863	7,363	100,114
1946 .....	14,439	153,680	14,914	150,004	6,736	150,972	6,402	74,991
1947 .....	13,430	142,910	13,279	123,467	8,472	196,697	5,807	68,394
1948 .....	14,301	164,462	14,479	145,361	7,798	213,438	5,052	63,474
1949 .....	13,600	160,757	13,322	160,036	7,264	228,408	4,222	54,515
1950 .....	15,263	182,048	17,209	181,263	8,974	288,020	4,467	57,621
1951 .....	13,698	160,540	11,148	123,084	9,283	306,277	3,743	48,857
1952 .....	12,500	150,000	13,409	146,821	8,749	276,496	3,435	44,925

(\*) Includes some low-grade talc.

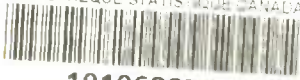
TITANIUM DIOXIDE IN SLAG

Table 65 -

Year	P r o d u c t i o n	
	Tons	\$
1950 .....	1,596	149,565
1951 .....	14,123	738,577
1952 .....	42,000	1,260,000



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