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CANADA



PRELIMINARY REPORT ON  
MINERAL PRODUCTION  
1953

**DOMINION BUREAU OF STATISTICS**

Industry and Merchandising Division

Mining, Metallurgical and Chemical Section



DOMINION BUREAU OF STATISTICS

Department of Trade and Commerce

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Dominion Bureau of Statistics  
Ottawa



# MINERAL PRODUCTION 1935-53

MILLION  
\$ 1200 -

DOLLAR VALUE →

INDEXES  
200

PHYSICAL VOLUME →

1000 -

800 -

600 -

400 -

200 -

1935

1940

1945

1950

'53

0

0

## PRINCIPAL MINERALS

PER CENT CHANGE IN PHYSICAL OUTPUT  
1953 COMPARED WITH 1952

15

10

5

-0 +

5

10

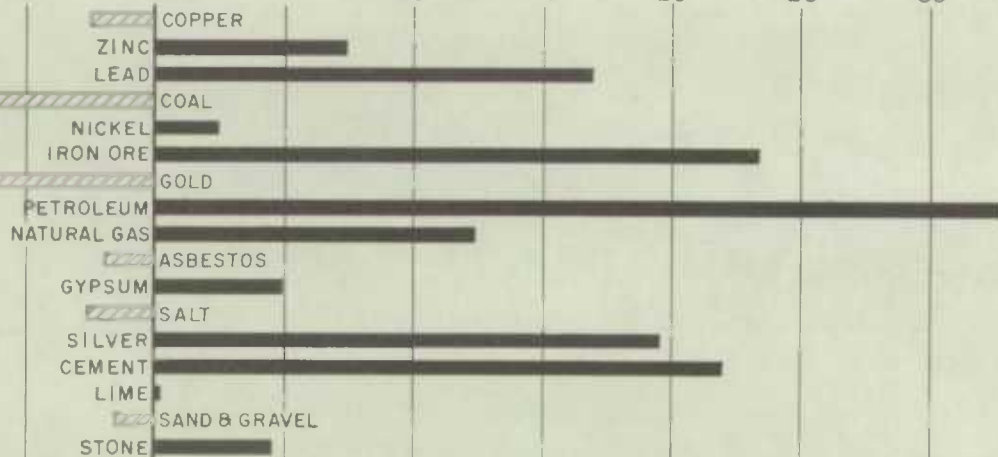
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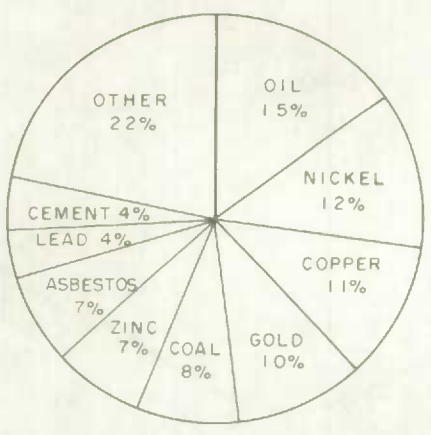
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MILLION

# MINERAL PRODUCTION, 1953

1331 MILLION DOLLARS



MILLION TONS

60

50

40

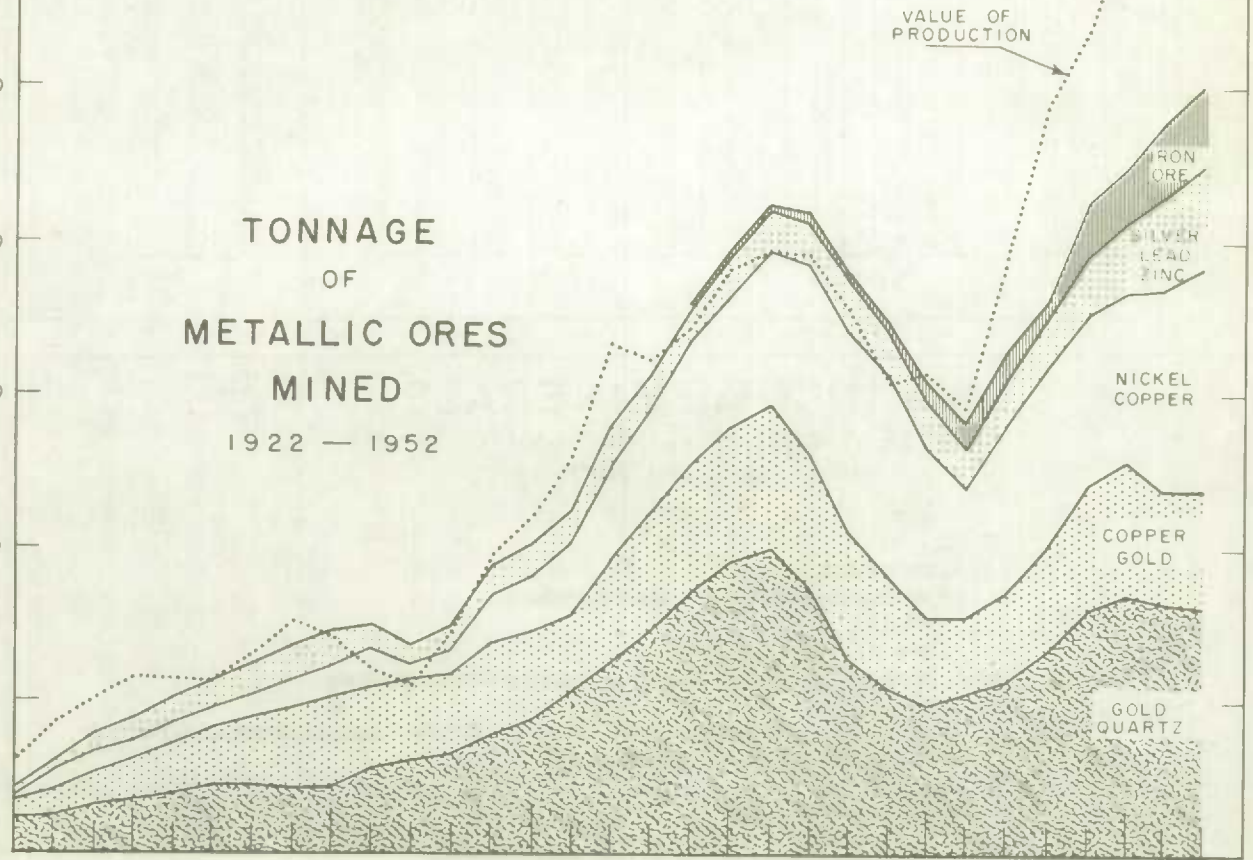
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20

10

0

## TONNAGE OF METALLIC ORES MINED 1922 - 1952



VALUE OF PRODUCTION

900

800

700

600

500

400

300

200

100

0

1922

1925

1930

1935

1940

1945

1950

'52

PRELIMINARY REPORT ON MINERAL PRODUCTION - 1953

Mineral production in Canada during 1953 reached a new high value of \$1,331,000,000 according to a preliminary estimate. This valuation was \$46 millions or 3.4 per cent above the previous year's total of \$1,285,000,000. The outstanding gain was in crude petroleum, which was \$55 millions above the recorded value for 1952. Cement was up nearly \$12 millions, and iron ore about \$9 millions. In contrast the output value for zinc dropped \$34 millions, gold was lower by \$13 millions and coal was down \$9 millions.

The value of all metals was \$709 millions in 1953 compared with \$728 millions in 1952, a decrease of 2.6 per cent. Prolonged strikes at some of the gold mines curtailed output during the latter half of the year, the annual total amounting to 4,061,000 ounces at \$140 millions compared with 4,471,000 ounces at \$153 millions in 1952. Copper production at 252,000 tons was about 2 per cent less than in 1952, but higher prices raised the total value slightly to \$151 millions. Zinc output rose 7 per cent to 399,000 tons and lead gained 14 per cent to 197,000 tons, but price declines resulted in much lower values at \$95 millions and \$52 millions respectively. Iron ore shipments at 6.5 million tons were the highest on record. Remelt iron, a co-product of titanium ore smelting, was valued at \$3.8 millions. Nickel at \$161 millions had the greatest value of any individual metal. Tungsten concentrates were valued at more than \$5 millions.

Mineral fuels were valued at \$311 millions, an increase of 13 per cent over the \$263.6 millions in 1952. Crude petroleum output increased to 81 million barrels at \$198 millions from 61 million barrels at \$143 millions. In 1953 crude petroleum led all other minerals in value of production, exceeding gold, which had held first place for nearly twenty-five years. Coal production amounted to 15,760,000 tons at \$102 millions, a drop of nearly 2 million tons as several coal mines ceased operations. Natural gas output was close to 100 bukkuib cybuc feet at \$11 millions.

Other non-metallic minerals were valued at \$127 millions, of which \$87.6 millions was for asbestos, which fell slightly in both quantity and value. The quantity of barite was nearly double the 1952 figure. Most of the other non metals, such as feldspar, fluorspar, mica, tale, and salt, showed only slight changes. Nepheline syenite rose to \$1.4 millions from \$1.1 millions in the previous year. The production of titanium dioxide slag was valued at over \$4 millions.

A new high value was established for structural materials at \$183 millions. Cement firms shipped 22.6 millions barrels valued at \$59.8 millions. Producers of brick, tile, sewer pipe and other clay products valued their output at \$29 millions. Sand and gravel for road building, concrete aggregate, etc., totalled \$50.8. Stone used for buildings, piers, railway ballast, highways, etc., was valued at \$30.3 millions.

NOTE: All 1953 figures in this report are preliminary and are subject to revision upon receipt of more complete data.

Table 1 - VALUE OF MINERAL PRODUCTION OF CANADA, BY CLASSES, 1944-1953

Year	Metallics	Mineral fuels	Other non-metallics	Clay products and other structural materials	TOTAL
1944 .....	308,111,295	97,291,077	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 .....	727,904,366	263,582,319	125,047,050	168,808,618	1,285,342,353
1953 .....	708,912,835	311,235,192	127,457,625	183,605,851	1,331,211,503

Table 2 - MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1951-1953

Province	1951		1952		1953	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland .....	32,410,443	2.6	32,512,313	2.5	33,688,389	2.5
Nova Scotia .....	59,727,256	4.8	64,552,383	5.0	67,100,707	5.0
New Brunswick .....	9,564,617	0.8	11,298,960	0.9	11,732,174	0.9
Quebec .....	255,530,071	20.5	270,433,962	21.0	252,826,012	19.0
Ontario .....	444,667,203	35.7	444,669,412	34.6	460,476,113	34.6
Manitoba .....	30,045,992	2.4	25,105,045	2.0	25,671,957	1.9
Saskatchewan .....	51,032,953	4.1	49,506,094	3.9	48,136,364	3.6
Alberta .....	168,144,211	13.5	196,811,654	15.3	245,954,755	18.5
British Columbia .....	176,278,932	14.1	170,071,244	13.2	160,741,387	12.1
Northwest Territories (*)	8,288,747	0.7	8,944,835	0.7	10,521,038	0.8
Yukon .....	9,793,170	0.8	11,386,451	0.9	14,362,607	1.1
TOTAL .....	1,245,483,595	100.0	1,285,342,353	100.0	1,331,211,503	100.0

(\*) Excluding pitchblende products.

Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1952 and 1953

	Unit of measure	1952		1953	
		Quantity	Value	Quantity	Value
Metallics					
↓					
Antimony .....	lb.	2,330,900	601,483	1,530,000	344,290
Bismuth .....	lb.	162,373	347,224	98,821	197,308
Cadmium .....	lb.	948,587	2,086,891	1,315,989	2,631,978
Cobalt .....	lb.	1,421,923	3,226,903	1,754,324	3,772,880
Copper .....	lb.	516,075,097	146,679,040	503,224,887	150,631,485
Gold .....	fine oz.	4,471,725	153,246,016	4,061,205	139,826,286
Indium .....	fine oz.	404	909	6,000	13,500
Iron ore .....	ton	5,271,849	33,744,311	6,501,060	42,722,000
Iron ingots .....	ton	32,422	1,815,007	97,682	3,776,000
Lead .....	lb.	337,683,891	54,671,021	394,458,042	51,969,847
Magnesium and calcium .....	...	...	4,812,368	...	4,607,633
Molybdenite (MoS <sub>2</sub> ) .....	lb.	505,964	409,831	152,521	114,390
Nickel .....	lb.	281,117,072	151,349,438	287,931,430	160,861,368
Palladium, rhodium, iridium, etc.	fine oz.	157,407	7,559,109	161,550	7,396,897
Platinum .....	fine oz.	122,317	10,916,792	134,108	12,237,355
Selenium .....	lb.	242,030	786,599	356,500	1,312,600
Silver .....	fine oz.	25,222,227	21,065,603	30,145,259	25,334,503
Tellurium .....	lb.	6,035	10,259	16,430	28,758
Tin .....	lb.	212,113	253,581	656,000	656,000
Titanium ore .....	ton	51	459	4,658	27,566
Tungsten (WO <sub>3</sub> ) .....	lb.	1,493,111	4,488,237	2,384,554	5,051,508
Zinc .....	lb.	743,604,155	129,333,285	797,647,860	95,398,683
Total metallics .....	...	...	727,904,366	...	708,912,835



Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1952 and 1953 (Concluded)

	Unit of measure	1952		1953	
		Quantity	Value \$	Quantity	Value \$
<u>Non-metallics</u>					
<u>Fuels</u>					
Coal .....	ton	17,579,002	111,026,149	15,760,000	102,100,000
Natural gas .....	M cu.ft.	38,686,465	9,517,638	99,628,189	11,023,350
Peat .....	ton	32	320	30	300
Petroleum, crude .....	bbl.	61,237,322	143,038,212	81,311,531	198,111,542
Total fuels .....	...	...	263,582,319	...	311,235,192
<u>Other non-metallics</u>					
Arsenic oxide .....	lb.	1,708,351	76,876	1,424,250	78,333
Asbestos .....	ton	929,339	89,254,913	911,713	87,633,124
Barite .....	ton	136,002	1,521,162	248,973	2,316,474
Diatomite .....	ton	28	1,074	3	150
Feldspar .....	ton	20,267	330,635	20,564	337,716
Fluorspar .....	ton	82,187	2,523,408	90,078	2,657,104
Graphite .....	ton	2,040	255,732	3,476	361,184
Grindstones .....	ton	42	5,720	15	900
Gypsum .....	ton	3,590,783	6,538,074	3,765,763	7,487,928
Iron oxides .....	ton	11,487	194,922	9,297	172,037
Magnesitic-dolomite and brucite(*)	...	...	2,715,266	...	3,122,122
Mica .....	lb.	2,014,941	194,106	1,856,713	171,372
Mineral waters .....	gal.	311,495	166,033	312,400	166,450
Nepheline syenite .....	ton	22,681	1,111,950	108,000	1,402,000
Perlite .....	ton	...	...	1,100	10,000
Peat moss .....	ton	74,899	2,443,765	84,847	2,497,219
Quartz .....	ton	1,783,081	2,253,500	1,651,791	1,608,195
Salt .....	ton	971,903	7,774,815	946,650	7,356,595
Silica brick .....	M	3,544	606,394	4,155	735,695
Soapstone and talc .....	ton	25,032	280,612	26,863	294,250
Sodium sulphate .....	ton	122,590	1,708,807	112,281	1,704,313
Sulphur .....	ton	423,788	3,851,183	333,873	3,127,464
Titanium dioxide .....	ton	30,805	1,238,103	98,660	4,217,000
Total other non-metallics ..	...	...	125,047,050	...	127,457,625
<u>Clay products and other structural materials</u>					
Clay products (brick, tile, etc.) .....	...	...	24,961,528	...	29,220,283
Cement .....	bbl.	18,520,538	48,059,470	22,577,141	59,839,705
Lime .....	ton	1,175,786	13,613,221	1,184,963	13,457,648
Sand and gravel .....	ton	102,895,545	51,339,043	101,399,474	50,800,061
Stone .....	ton	18,726,196	30,835,356	19,548,262	30,288,154
Total clay products and other structural materials.	...	...	168,808,618	...	183,605,851
GRAND TOTAL .....	...	...	1,285,342,353	...	1,331,211,503

\* Includes some magnesium metal.

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

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION, 1953

	Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec	Ontario
<u>Metals</u>						
Antimony .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Bismuth .....	lb.	...	...	...	27,821	...
	\$	...	...	...	37,558	...
Cadmium .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Cobalt .....	lb.	...	...	...	...	1,754,324
	\$	...	...	...	...	3,772,880
Copper .....	lb.	5,524,740	1,918,000	...	107,810,689	260,245,634
	\$	1,654,660	574,441	...	32,289,302	77,359,198
Gold .....	oz.	7,575	3,402	...	1,018,575	2,182,544
	\$	259,806	117,130	...	35,069,537	75,144,989
Indium .....	oz.	...	...	...	...	...
	\$	...	...	...	...	...
Iron ore .....	ton	2,680,000	...	...	...	2,333,000
	\$	14,300,000	...	...	...	21,677,000
Iron ingots .....	ton	...	...	...	97,682	...
	\$	...	...	...	3,776,000	...
Lead .....	lb.	35,722,660	3,800,000	...	18,357,482	638,448
	\$	4,706,460	500,650	...	2,418,598	84,115
Magnesium and calcium .....	lb.	...	...	...	(*)	4,607,633
	\$	...	...	...	...	...
Molybdenite .....	lb.	...	...	...	152,521	...
	\$	...	...	...	114,390	...
Nickel .....	lb.	...	...	...	...	287,931,430
	\$	...	...	...	...	160,861,368
Palladium, ruthenium, etc..	oz.	...	...	...	...	161,550
	\$	...	...	...	...	7,396,897
Platinum .....	oz.	...	...	...	...	134,108
	\$	...	...	...	...	12,237,355
Pitchblende .....	...	...	...	Not available	...	...
Selenium .....	lb.	...	...	...	165,000	111,500
	\$	...	...	...	613,500	401,600
Silver .....	oz.	654,268	246,960	...	4,737,390	5,051,369
	\$	549,781	207,520	...	3,980,829	4,244,665
Tellurium .....	lb.	...	...	...	8,770	5,025
	\$	...	...	...	15,347	8,800
Tin .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Titanium, ore .....	ton	...	...	...	4,658	...
	\$	...	...	...	27,566	...
Tungsten concentrates (WO <sub>3</sub> )	lb.	...	...	...	...	48,336
	\$	...	...	...	...	146,508
Zinc .....	lb.	54,945,000	15,148,000	...	201,130,570	195,919
	\$	6,571,422	1,811,700	...	24,055,216	23,432
<b>TOTAL METALS .....</b>	<b>\$</b>	<b>28,042,129</b>	<b>3,211,441</b>	<b>...</b>	<b>102,397,843</b>	<b>368,466,140</b>
<u>Non-metallics</u>						
Arsenious oxide .....	lb.	...	...	...	...	1,424,250
	\$	...	...	...	...	78,333
Asbestos .....	ton	...	...	...	884,627	24,000
	\$	...	...	...	82,733,124	4,000,000
Barite .....	ton	...	246,313	...	...	...
	\$	...	2,260,918	...	...	...
Diatomite .....	ton	...	3	...	...	...
	\$	...	150	...	...	...
Feldspar .....	ton	...	...	...	18,318	2,246
	\$	...	...	...	313,497	24,219
Fluorspar .....	ton	89,884	...	...	...	194
	\$	2,649,902	...	...	...	7,202
Graphite .....	ton	...	...	...	...	3,476
	\$	...	...	...	...	361,184

(\*) Included in magnesitic dolomite and brucite.

Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	1,530,000	...	...	1,530,000
...	...	...	344,290	...	...	344,290
...	...	...	71,000	...	...	98,821
...	...	...	159,750	...	...	197,308
32,200	122,000	...	895,789	...	266,000	1,315,989
64,400	244,000	...	1,791,578	...	532,000	2,631,978
...	...	...	...	...	...	1,754,324
...	...	...	...	...	...	3,772,380
18,632,000	61,072,000	...	48,021,324	...	...	503,224,387
5,580,284	18,291,064	...	14,382,536	...	...	150,631,485
132,500	87,150	55	267,000	292,741	69,663	4,061,205
4,561,975	3,000,575	1,894	9,192,310	10,079,073	2,398,497	139,826,286
...	...	...	6,000	...	...	6,000
...	...	...	13,500	...	...	13,500
...	...	...	988,060	...	...	6,501,060
...	...	...	6,745,000	...	...	42,722,000
...	...	...	...	...	...	97,682
...	...	...	...	...	...	3,776,000
...	...	...	307,178,126	...	28,761,326	394,458,042
...	...	...	40,470,719	...	3,789,305	51,969,847
...	...	...	...	...	...	...
...	...	...	...	...	...	4,607,633
...	...	...	...	...	...	152,521
...	...	...	...	...	...	114,390
...	...	...	...	...	...	287,931,430
...	...	...	...	...	...	160,861,368
...	...	...	...	...	...	161,550
...	...	...	...	...	...	7,396,897
...	...	...	...	...	...	134,108
...	...	...	...	...	...	12,237,355
...	...	...	Not available	...	...	...
12,000	68,000	...	...	...	...	356,500
44,625	252,875	...	...	...	...	1,312,600
426,615	1,238,700	6	11,479,382	65,650	6,244,919	30,145,259
358,485	1,040,880	5	9,649,568	55,165	5,247,605	25,334,503
395	2,240	...	...	...	...	16,430
691	3,920	...	...	...	...	28,758
...	...	...	656,000	...	...	656,000
...	...	...	656,000	...	...	656,000
...	...	...	...	...	...	4,658
...	...	...	...	...	...	27,566
...	...	...	2,335,718	...	...	2,384,554
...	...	...	4,905,000	...	...	5,051,508
32,670,000	98,520,000	...	375,538,371	...	19,500,000	797,647,860
3,907,332	11,782,992	...	44,914,389	...	2,332,200	95,398,683
14,517,792	34,616,306	1,899	133,225,140	10,134,238	14,299,607	708,912,335
...	...	...	...	...	...	1,424,250
...	...	...	...	...	...	78,333
...	...	...	3,086	...	...	911,713
...	...	...	900,000	...	...	87,633,124
...	...	...	2,660	...	...	248,973
...	...	...	55,556	...	...	2,316,474
...	...	...	...	...	...	3
...	...	...	...	...	...	150
...	...	...	...	...	...	20,564
...	...	...	...	...	...	337,716
...	...	...	...	...	...	90,078
...	...	...	...	...	...	2,657,104
...	...	...	...	...	...	3,476
...	...	...	...	...	...	361,184

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION, 1953 (Concluded)

	Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec	Ontario
<b>Non-metallics (Concluded)</b>						
Grindstone .....	ton	...	...	15	...	...
	\$	...	...	900	...	...
Gypsum .....	ton	28,000	2,981,528	120,000	...	336,997
	\$	152,040	4,632,770	360,000	...	1,408,056
Iron oxide .....	ton	...	...	...	9,297	...
	\$	...	...	...	172,037	...
Magnesitic dolomite, brucite .	ton	...	...	...	...	...
	\$	...	...	...	3,122,122	...
Mica .....	lb.	...	...	...	957,858	384,855
	\$	...	...	...	76,477	85,257
Mineral water .....	gal.	...	...	...	310,000	2,400
	\$	...	...	...	166,000	450
Nepheline syenite .....	ton	...	...	...	...	108,000
	\$	...	...	...	...	1,402,000
Peat moss .....	ton	...	257	7,425	21,220	1,605
	\$	...	7,707	229,400	504,612	51,102
Perlite .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Quartz .....	ton	...	...	...	131,187	1,351,604
	\$	...	...	...	418,942	1,071,703
Salt .....	ton	...	125,932	...	...	741,416
	\$	...	5,517,067	...	...	3,948,128
Silica brick .....	M	...	2,400	...	...	1,755
	\$	...	360,000	...	...	375,695
Soapstone and talc .....	ton	...	...	...	13,863	13,000
	\$	...	...	...	134,250	160,000
Sodium sulphate .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Sulphur .....	ton	...	...	...	N.A.	N.A.
	\$	...	...	...	1,066,646	401,510
Titanium dioxide .....	ton	...	...	...	98,660	...
	\$	...	...	...	4,217,000	...
<b>TOTAL NON-METALLICS .....</b>	<b>\$</b>	<b>2,801,942</b>	<b>8,778,612</b>	<b>590,300</b>	<b>92,924,707</b>	<b>13,374,839</b>
<b>Fuels</b>						
Coal .....	ton	...	5,760,000	712,000	...	...
	\$	...	51,903,000	5,694,000	...	...
Natural gas .....	M cu.ft.	...	...	176,000	...	10,430,000
	\$	...	...	132,000	...	4,172,000
Peat .....	ton	...	...	...	...	30
	\$	...	...	...	...	300
Petroleum, crude .....	bbl.	...	...	14,500	...	298,710
	\$	...	...	20,300	...	997,691
<b>TOTAL FUELS .....</b>	<b>\$</b>	<b>...</b>	<b>51,903,000</b>	<b>5,846,300</b>	<b>...</b>	<b>5,169,991</b>
<b>Structural materials</b>						
Clay products .....	\$	34,000	1,258,200	651,960	8,056,150	14,396,843
Cement .....	bbl.	392,000	...	839,842	7,642,835	6,992,324
	\$	1,185,408	...	2,124,800	19,921,438	18,471,889
Lime .....	ton	160	...	19,700	414,032	634,828
	\$	7,120	...	387,108	3,894,353	7,121,219
Sand and gravel .....	ton	1,660,579	1,607,343	2,579,093	31,159,961	41,109,707
	\$	936,008	1,264,936	1,267,484	12,180,880	22,034,908
Stone .....	ton	417,189	258,228	955,251	7,662,924	8,596,129
	\$	681,782	684,518	864,222	13,450,641	11,439,984
<b>TOTAL STRUCTURAL MATERIALS</b>	<b>\$</b>	<b>2,844,318</b>	<b>3,207,654</b>	<b>5,295,574</b>	<b>57,503,462</b>	<b>73,464,843</b>
<b>GRAND TOTAL 1953 .....</b>	<b>\$</b>	<b>33,638,389</b>	<b>67,100,707</b>	<b>11,732,174</b>	<b>252,826,012</b>	<b>460,476,113</b>
<b>GRAND TOTAL 1952 .....</b>	<b>\$</b>	<b>32,512,313</b>	<b>64,552,383</b>	<b>11,298,960</b>	<b>270,473,962</b>	<b>444,669,412</b>

Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	...	...	...	15
...	...	...	...	...	...	900
165,890	...	...	133,348	...	...	3,765,763
590,162	...	...	344,900	...	...	7,487,928
...	...	...	...	...	...	...
...	...	...	...	...	...	172,037
...	...	...	...	...	...	...
...	...	...	...	...	...	3,122,122
...	...	...	514,000	...	...	1,856,713
...	...	...	9,638	...	...	171,372
...	...	...	...	...	...	312,400
...	...	...	...	...	...	166,450
...	...	...	...	...	...	108,000
...	...	...	...	...	...	1,402,000
2,537	...	...	51,833	...	...	84,847
89,672	...	...	1,614,726	...	...	2,497,219
...	...	...	1,100	...	...	1,100
...	...	...	10,000	...	...	10,000
...	153,000	...	16,000	...	...	1,651,791
...	53,550	...	64,000	...	...	1,608,195
18,700	35,872	24,700	...	...	...	946,650
440,900	843,000	607,500	...	...	...	7,356,595
...	...	...	...	...	...	4,155
...	...	...	...	...	...	735,695
...	...	...	...	...	...	26,863
...	...	...	...	...	...	294,000
...	112,881	...	...	...	...	112,881
...	1,704,313	...	...	...	...	1,704,313
...	...	...	N.A.	...	...	333,873
...	...	...	1,659,308	...	...	3,127,464
...	...	...	...	...	...	98,660
...	...	...	...	...	...	4,217,000
1,120,734	2,600,863	607,500	4,658,128	...	...	127,457,625
...	2,000,000	5,850,000	1,434,000	...	4,000	15,760,000
...	3,793,000	31,894,000	8,753,000	...	63,000	102,100,000
...	1,139,189	87,858,000	...	25,000	...	99,628,189
...	120,000	6,589,350	...	10,000	...	11,023,350
...	...	...	...	...	...	30
...	...	...	...	...	...	300
619,321	3,000,000	77,065,000	...	314,000	...	81,311,531
1,526,751	4,300,000	190,890,000	...	376,800	...	198,111,542
1,526,751	8,213,000	229,373,350	8,753,000	386,800	63,000	311,235,192
565,804	726,000	2,042,356	1,488,970	...	...	29,220,283
1,685,065	...	3,195,075	1,830,000	...	...	22,577,141
4,836,689	...	8,147,441	5,102,040	...	...	59,839,705
47,843	...	27,400	41,000	...	...	1,184,963
787,458	...	380,390	880,000	...	...	13,457,648
3,693,160	4,543,448	7,443,956	7,602,227	...	...	101,399,474
1,227,010	1,980,195	5,313,419	4,595,221	...	...	50,800,061
346,875	...	22,300	1,289,366	...	...	19,548,262
1,039,719	...	88,400	2,038,888	...	...	30,288,154
8,506,680	2,706,195	15,972,006	14,105,119	...	...	183,605,851
25,671,957	48,136,364	245,954,755	160,741,387	10,521,038	14,362,607	1,331,211,503
25,105,045	49,506,094	196,811,654	170,071,244	8,944,835	11,386,451	1,285,332,353

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION, 1952

	Unit of measure	Newfound- land	Nova Scotia	New Brunswick	Quebec	Ontario
<u>Metals</u>						
Antimony .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Bismuth .....	lb.	...	...	...	20,127	...
	\$	...	...	...	27,171	...
Cadmium .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Chromite .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Cobalt .....	lb.	...	...	...	...	1,421,923
	\$	...	...	...	...	3,226,903
Copper .....	lb.	5,918,288	766,165	...	137,691,702	250,625,175
	\$	1,689,079	218,663	...	39,297,212	70,973,056
Gold .....	oz.	8,595	1,433	...	1,113,204	2,513,691
	\$	294,551	49,109	...	38,149,501	86,144,190
Indium .....	oz.	...	...	...	...	...
	\$	...	...	...	...	...
Iron ore .....	ton	1,653,878	...	...	...	2,717,490
	\$	8,668,192	...	...	...	19,632,551
Iron ingots .....	ton	...	...	...	32,422	...
	\$	...	...	...	1,215,007	...
Lead .....	lb.	36,118,414	1,556,645	...	21,039,859	1,803,455
	\$	5,847,571	252,021	...	3,406,353	291,979
Magnesium and calcium .....	lb.	...	...	...	...	...
	\$	...	...	...	(*)	4,812,368
Molybdenite .....	lb.	...	...	...	505,964	...
	\$	...	...	...	409,831	...
Nickel .....	lb.	...	...	...	...	281,117,072
	\$	...	...	...	...	151,349,438
Palladium, iridium, etc. ..	oz.	...	...	...	...	157,407
	\$	...	...	...	...	7,559,109
Platinum .....	oz.	...	...	...	...	122,315
	\$	...	...	...	...	10,916,614
Pitchblende .....	...	...	...	Not available	...	...
Selenium .....	lb.	...	...	...	78,830	81,578
	\$	...	...	...	256,198	265,129
Silver .....	oz.	638,524	91,986	...	4,536,247	6,491,124
	\$	533,295	76,743	...	3,788,673	5,421,387
Tellurium .....	lb.	...	...	...	...	5,710
	\$	...	...	...	...	9,707
Tin .....	lb.	...	...	...	...	...
	\$	...	...	...	...	...
Titanium ore .....	ton	...	...	...	51	...
	\$	...	...	...	459	...
Tungsten concentrates (WO <sub>3</sub> )	lb.	...	...	...	...	50,734
	\$	...	...	...	...	164,886
Zinc .....	lb.	61,033,650	8,816,141	...	189,797,061	744,920
	\$	10,656,475	1,539,298	...	33,138,567	130,063
<b>TOTAL METALS .....</b>	<b>\$</b>	<b>27,689,163</b>	<b>2,135,834</b>	<b>...</b>	<b>120,288,972</b>	<b>360,897,380</b>
<u>Non-metallics</u>						
Arsenious oxide .....	lb.	...	...	...	119,970	1,588,381
	\$	...	...	...	5,399	71,477
Asbestos .....	ton	...	...	...	906,223	23,096
	\$	...	...	...	85,248,098	3,983,815
Barite .....	ton	...	135,154	...	...	...
	\$	...	1,507,754	...	...	...
Diatomite .....	ton	...	16	...	...	...
	\$	...	834	...	...	...
Feldspar .....	ton	...	...	...	16,645	3,622
	\$	...	...	...	293,007	37,628
Fluorspar .....	ton	81,233	...	...	...	904
	\$	2,494,943	...	...	...	38,465
Garnet, rock .....	ton	...	...	...	...	...
	\$	...	...	...	...	...

(\*) Included in magnesian dolomite and brucite.

Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	2,330,900	...	...	2,330,900
...	...	...	601,483	...	...	601,483
...	...	...	142,246	...	...	162,373
...	...	...	320,053	...	...	347,224
25,229	89,123	...	704,745	...	129,490	948,587
55,504	196,070	...	1,550,439	...	284,878	2,086,891
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	1,421,923
...	...	...	...	...	...	3,226,903
18,748,439	60,687,296	...	41,571,132	6,900	...	516,075,097
5,350,804	17,320,154	...	11,828,103	1,969	...	146,679,040
141,947	93,585	111	273,059	247,581	78,519	4,471,725
4,864,524	3,207,158	3,804	9,357,732	8,434,601	2,690,846	153,246,016
...	...	...	404	...	...	404
...	...	...	909	...	...	909
...	...	...	900,481	...	...	5,271,849
...	...	...	5,443,568	...	...	33,744,311
...	...	...	...	...	...	32,422
...	...	...	...	...	...	1,315,007
...	...	...	258,769,430	27,445	18,368,643	337,683,891
...	...	...	41,894,771	4,443	2,973,883	54,671,021
...	...	...	...	...	...	...
...	...	...	...	...	...	4,812,368
...	...	...	...	...	...	505,964
...	...	...	...	...	...	409,831
...	...	...	...	...	...	281,117,072
...	...	...	...	...	...	151,349,438
...	...	...	...	...	...	157,407
...	...	...	...	...	...	7,559,109
...	...	...	2	...	...	122,317
...	...	...	178	...	...	10,916,792
...	...	...	Not available	...	...	...
15,852	65,770	...	...	...	...	242,030
51,519	213,753	...	...	...	...	786,599
412,149	1,179,514	10	7,784,964	59,258	4,028,551	25,222,227
344,227	985,130	8	6,502,002	49,492	3,364,646	21,065,603
63	262	...	...	...	...	6,035
107	445	...	...	...	...	10,259
...	...	...	212,113	...	...	212,113
...	...	...	253,581	...	...	253,581
...	...	...	...	...	...	51
...	...	...	...	...	...	459
...	...	...	1,434,641	7,736	...	1,493,111
...	...	...	4,307,879	15,472	...	4,488,237
30,185,026	93,381,238	...	348,575,941	...	11,070,178	743,604,155
5,270,306	16,304,364	...	60,861,359	...	1,932,853	129,833,285
15,936,991	38,227,074	3,812	142,922,057	2,555,977	11,247,106	727,904,366
...	...	...	...	...	...	1,708,351
...	...	...	...	...	...	76,876
...	...	...	20	...	...	929,339
...	...	...	23,000	...	...	89,254,913
...	...	...	848	...	...	137,002
...	...	...	13,408	...	...	1,521,162
...	...	...	12	...	...	28
...	...	...	240	...	...	1,074
...	...	...	...	...	...	20,267
...	...	...	...	...	...	330,635
...	...	...	...	...	...	82,187
...	...	...	...	...	...	2,523,408
...	...	...	...	...	...	...
...	...	...	...	...	...	...

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION, 1952 (Concluded)

	Unit of measure	Newfound- land	Nova Scotia	New Brunswick	Quebec	Ontario
<u>Non-metallics (Concluded)</u>						
Graphite .....	ton	...	...	...	...	2,040
	\$	...	...	...	...	255,732
Grindstone .....	ton	...	...	42	...	...
	\$	...	...	5,720	...	...
Gypsum .....	ton	8,660	2,969,312	110,183	...	278,992
	\$	54,881	4,373,842	333,638	...	1,060,429
Iron oxide .....	ton	...	...	...	11,487	...
	\$	...	...	...	194,922	...
Magnesitic dolomite, brucite .	ton	...	...	...	...	...
	\$	...	...	...	2,715,266	...
Mica .....	lb.	...	...	...	1,170,181	531,360
	\$	...	...	...	79,544	111,561
Mineral water .....	gal.	...	...	...	309,125	2,370
	\$	...	...	...	165,593	440
Nepheline syenite .....	ton	...	...	...	...	82,681
	\$	...	...	...	...	1,111,950
Peat, moss .....	ton	...	970	2,400	19,609	1,939
	\$	...	29,400	96,000	405,252	69,013
Phosphate rock .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Quartz .....	ton	...	...	...	189,256	1,429,807
	\$	...	...	...	583,644	1,506,532
Salt .....	ton	...	138,845	...	...	757,025
	\$	...	1,565,814	...	...	4,401,780
Silica brick .....	M	...	2,383	...	...	1,161
	\$	...	360,286	...	...	246,108
Soapstone and talc .....	ton	...	...	...	12,578	12,454
	\$	...	...	...	130,901	149,711
Sodium carbonate .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Sodium sulphate .....	ton	...	...	...	...	...
	\$	...	...	...	...	...
Sulphur .....	ton	...	...	...	N.A.	N.A.
	\$	...	...	...	1,567,953	133,460
Titanium dioxide .....	ton	...	...	...	30,205	...
	\$	...	...	...	1,238,103	...
<b>TOTAL NON-METALLICS .....</b>	<b>\$</b>	<b>2,539,824</b>	<b>7,837,930</b>	<b>435,358</b>	<b>92,628,282</b>	<b>13,228,101</b>
<u>Fuels</u>						
Coal .....	ton	...	5,905,265	742,223	...	...
	\$	...	51,227,678	5,836,736	...	...
Natural gas .....	M cu.ft.	...	...	202,042	...	8,302,190
	\$	...	...	150,073	...	3,320,876
Peat .....	ton	...	...	...	...	32
	\$	...	...	...	...	320
Petroleum, crude .....	bbl.	...	...	14,237	...	191,814
	\$	...	...	19,932	...	641,037
<b>TOTAL FUELS .....</b>	<b>\$</b>	<b>...</b>	<b>51,227,678</b>	<b>6,006,741</b>	<b>...</b>	<b>3,962,233</b>
<u>Structural Materials</u>						
Clay products .....	\$	29,285	1,221,893	655,084	6,645,387	11,975,200
Cement .....	bbl.	126,100	...	604,123	7,272,241	5,577,025
	\$	529,750	...	1,543,639	18,838,458	14,142,060
Lime .....	ton	436	...	19,837	408,522	622,279
	\$	19,952	...	366,457	4,256,100	6,921,062
Sand and gravel .....	ton	1,654,471	1,574,539	3,670,289	32,423,737	43,423,737
	\$	936,013	1,269,540	1,215,576	12,744,630	23,240,203
Stone .....	ton	475,704	340,398	160,944	7,830,976	8,217,411
	\$	768,326	259,508	476,105	15,222,133	10,303,173
<b>TOTAL STRUCTURAL MATERIALS</b>	<b>\$</b>	<b>2,283,326</b>	<b>3,350,941</b>	<b>4,356,861</b>	<b>57,566,708</b>	<b>66,581,698</b>
<b>GRAND TOTAL 1952 .....</b>	<b>\$</b>	<b>32,512,313</b>	<b>64,552,383</b>	<b>11,298,960</b>	<b>270,423,962</b>	<b>444,669,412</b>
<b>GRAND TOTAL 1953 .....</b>	<b>\$</b>	<b>32,410,443</b>	<b>59,727,256</b>	<b>9,564,617</b>	<b>255,530,071</b>	<b>444,667,203</b>



Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
...	...	...	...	...	...	2,040
...	...	...	...	...	...	255,732
...	...	...	...	...	...	42
...	...	...	...	...	...	5,720
130,934	...	...	92,702	...	...	3,590,783
473,841	...	...	241,443	...	...	6,538,074
...	...	...	...	...	...	11,487
...	...	...	...	...	...	194,922
...	...	...	...	...	...	...
...	...	...	...	...	...	2,715,266
...	...	...	313,400	...	...	2,014,941
...	...	...	3,001	...	...	194,106
...	...	...	...	...	...	311,495
...	...	...	...	...	...	166,033
...	...	...	...	...	...	82,681
...	...	...	...	...	...	1,111,950
3,402	...	...	46,939	...	...	74,899
158,094	...	...	1,685,406	...	...	2,443,765
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	143,164	373	19,881	...	...	1,783,081
...	50,107	7,446	105,771	...	...	2,253,500
18,113	33,540	24,380	...	...	...	971,903
403,699	789,000	614,522	...	...	...	7,774,815
...	...	...	...	...	...	3,544
...	...	...	...	...	...	606,394
...	...	...	...	...	...	25,032
...	...	...	...	...	...	280,612
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	122,590	...	...	...	...	122,590
...	1,708,807	...	...	...	...	1,708,807
...	...	...	N.A.	...	...	423,788
...	...	...	2,099,770	...	...	3,851,183
...	...	...	...	...	...	30,805
...	...	...	...	...	...	1,238,103
1,035,634	2,547,914	621,968	4,172,039	...	...	125,047,050
...	2,083,465	7,194,757	1,644,250	...	8,442	17,579,002
...	4,004,308	39,908,362	9,909,720	...	139,345	111,026,149
...	1,007,491	79,149,895	...	24,847	...	88,686,465
...	100,749	5,936,242	...	9,698	...	9,517,638
...	...	...	...	...	...	32
...	...	...	...	...	...	320
104,826	1,696,505	58,915,723	...	314,217	...	61,237,322
229,209	2,256,352	139,512,432	...	379,160	...	143,038,212
229,299	6,361,409	185,357,036	9,909,720	348,858	139,345	263,582,319
575,088	711,778	1,964,618	1,183,195	...	...	24,961,528
1,612,795	...	1,886,544	1,441,710	...	...	18,520,538
4,636,604	...	4,765,686	3,603,273	...	...	48,059,470
46,973	...	30,006	47,733	...	...	1,175,786
750,009	...	415,348	1,084,293	...	...	13,613,221
3,763,418	3,544,602	5,066,403	8,137,176	...	...	102,895,545
1,253,642	1,657,919	3,590,687	4,330,833	...	...	51,339,043
340,815	...	22,773	1,437,175	...	...	18,726,196
677,778	...	92,499	2,365,234	...	...	30,835,356
7,903,121	2,369,697	10,828,838	13,067,428	...	...	168,808,618
25,105,045	49,506,094	196,811,654	170,071,244	2,944,835	11,386,451	1,285,342,353
30,045,992	51,032,953	168,144,211	176,278,932	3,288,747	9,793,170	1,245,423,595

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)					
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	65,185	335,726	11,445	63
1951 .....	447,095	86,241	354,414	14,805	270
1952 .....	499,758	90,287	412,590	23,617	13
1953 .....	543,190	88,548	459,692	17,377	35

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	Imports		Consumption refined metal
	Pounds	‡		Refined metal or regulus	‡	
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	2,608,000
1952 .....	2,300,900	601,483	...	1,721,622	511,866	1,450,000
1953 .....	1,530,000	344,290	...	1,729,253	371,340	1,750,000

(\*) 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	Imports refined metal		Consumption refined metal
	Pounds	‡		Pounds	‡	
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 .....	162,373	347,224	142,246(*)	2,491	6,124	106,000
1953 .....	98,821	197,308	71,297(*)	997	2,141	67,000

(\*) Includes some bismuth from foreign ores.

CADMIUM

Table 9 -

Year	Production in all forms		Consumption refined metal Pounds	Exports refined metal	
	Pounds	\$		Pounds	\$
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 .....	948,587	2,086,891	232,000	620,344	1,502,582
1953 .....	1,315,989	2,631,978	265,000	969,563	1,691,989

CHROMITE

Table 10 -

Year	Production of chrome ore		Imports of chrome ore	
	Tons	\$	Tons	\$
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
1953 .....	...	...	118,092	3,006,549

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	\$
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 .....	1,421,923	3,226,903	5,604	1,790,889	...	...	335,945	772,876
1953 .....	1,754,324	3,772,880	2,144	628,251	37,100	60,418	781,243	2,486,945

(+) From Canadian ores only.

(\*) 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		Nova Scotia		Quebec	
	Tons	\$	Tons	\$	Tons	\$
1944 .....					54,027	12,966,620
1945 .....					51,342	12,886,976
1946 .....					34,899	8,934,105
1947 .....					42,561	17,356,259
1948 .....					48,813	21,819,473
1949 .....	3,617	1,444,837			67,822	27,092,363
1950 .....	3,221	1,508,910			72,891	34,441,997
1951 .....	2,899	1,606,233			68,866	38,151,738
1952 .....	2,959	1,689,079	383	218,663	68,846	39,297,212
1953 .....	2,762	1,654,660	959	574,441	53,905	32,289,302
	Ontario		Manitoba		Saskatchewan	
1944 .....	142,654	33,845,632	21,939	5,265,437	36,757	8,821,740
1945 .....	119,726	29,711,633	20,563	5,161,332	32,950	8,270,538
1946 .....	89,712	22,502,528	19,250	4,928,134	31,356	8,027,258
1947 .....	113,934	46,018,544	15,316	6,245,817	33,151	13,518,963
1948 .....	120,383	53,384,560	18,960	8,475,160	31,074	13,890,237
1949 .....	113,042	44,658,786	16,960	6,774,871	34,960	13,964,980
1950 .....	117,210	54,411,033	20,817	9,750,846	28,982	13,575,052
1951 .....	128,808	70,861,789	15,839	8,774,768	31,625	17,520,373
1952 .....	125,343	70,973,056	9,374	5,350,804	30,344	17,320,154
1953 .....	130,123	77,859,198	9,316	5,580,284	30,536	18,291,064
	British Columbia		Northwest Territories		C A N A D A	
1944 .....	18,152	4,356,315	6	1,428	273,535	65,257,172
1945 .....	12,876	3,231,782	...	...	237,457	59,322,261
1946 .....	8,750	2,240,068	...	...	183,968	46,632,093
1947 .....	20,900	8,402,305	...	...	225,862	91,541,888
1948 .....	21,502	9,590,326	...	...	240,732	107,159,756
1949 .....	27,055	10,783,314	...	...	263,457	104,719,151
1950 .....	21,086	9,823,569	...	...	264,209	123,211,407
1951 .....	21,932	12,110,779	1	536	269,971	149,026,216
1952 .....	20,786	11,828,103	3	1,969	258,038	146,679,040
1953 .....	24,011	14,382,536	...	...	251,612	150,631,485

(\*) 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 consumption	Exports	Imports
		(Tons of 2,000 pounds)		
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 .....	196,320	130,347	113,675	12,972
1953 .....	235,784	108,862	131,994	5,515

COPPER

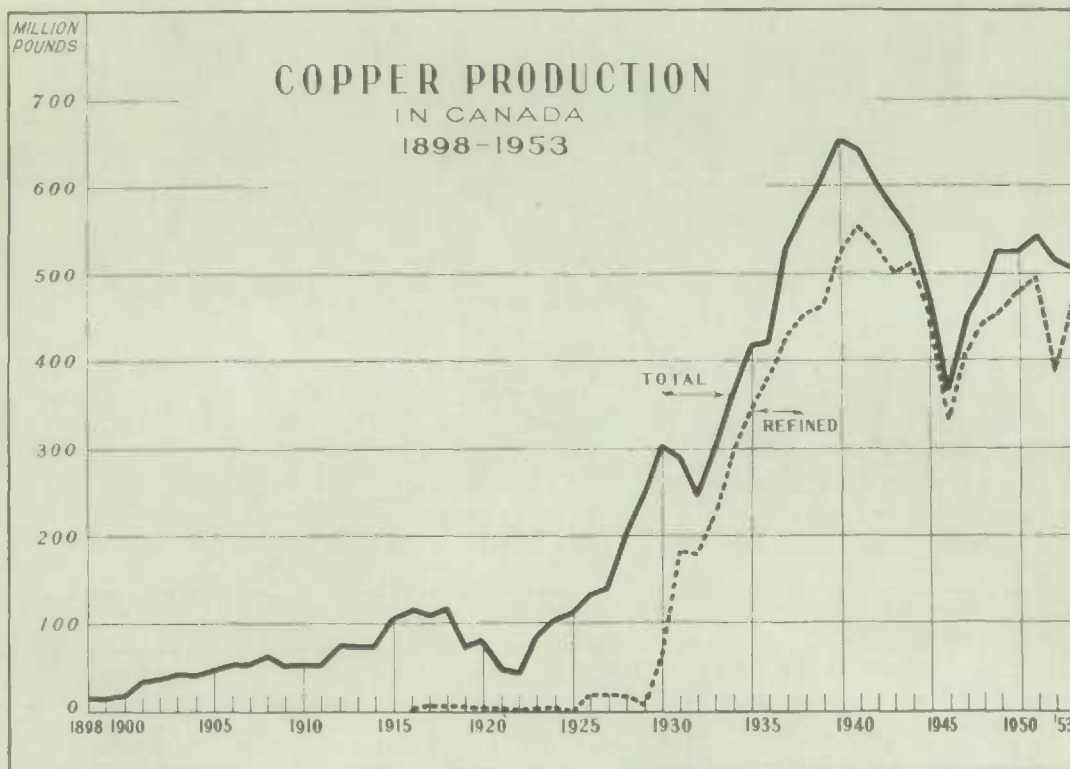


Table 14 - EXPORTS OF PRIMARY COPPER

Year	Copper contained in ore, matte, etc.		Copper in ingots, bars, cakes, slabs and billets	
	Tons	₤	Tons	₤
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
1953 .....	51,158	27,625,485	131,994	80,939,921

G O L D

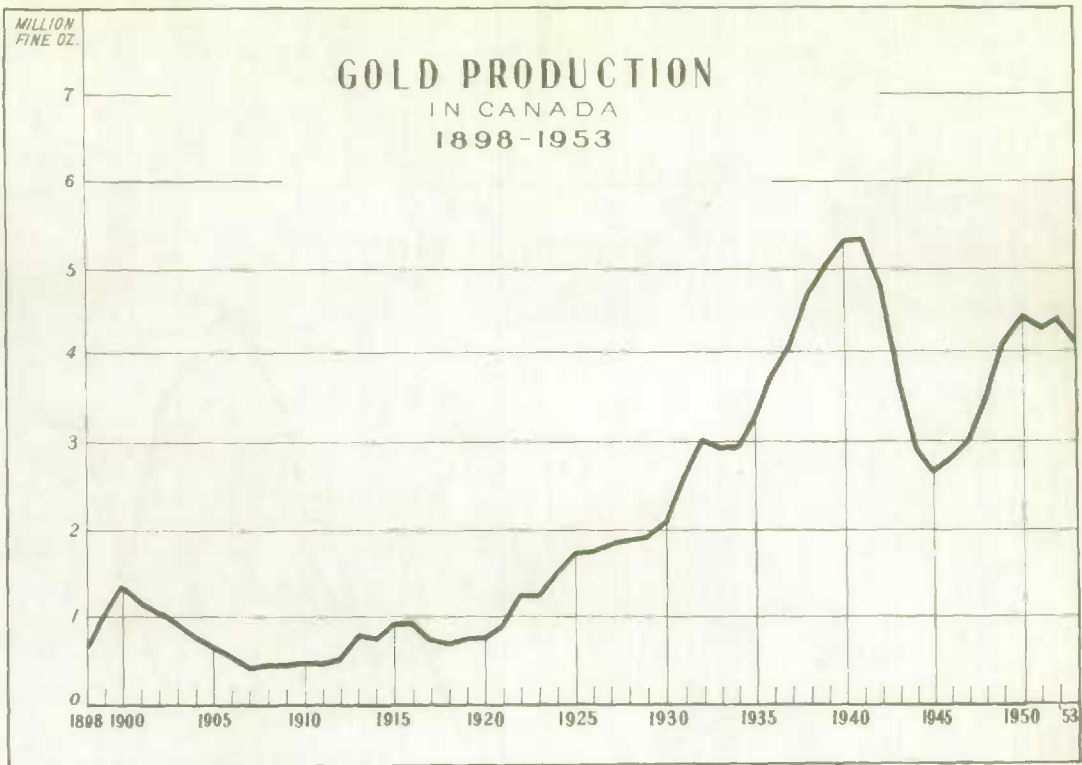


Table 15 - PRODUCTION OF GOLD

Year	Fine ounces	\$	Year	Fine ounces	\$
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 .....	4,471,725	153,246,016
1948 .....	3,529,608	123,536,280	1953 .....	4,061,205	139,826,286

Table 16 - GOLD PRODUCTION BY PROVINCES AND AREAS

	1952		1953	
	Fine ounces	\$	Fine ounces	\$
Newfoundland .....	8,595	294,551	7,575	259,806
Nova Scotia .....	1,433	49,109	3,402	117,130
Quebec -				
Gold mines .....	771,795	26,449,415	760,754	26,192,760
Base metal mines .....	341,409	11,700,086	257,821	8,876,777
Total Quebec .....	1,113,204	38,149,501	1,018,575	35,069,537
Ontario -				
Gold mines: Forcupine .....	1,163,344	39,867,799	874,960	30,124,873
Kirkland Lake ....	417,382	14,303,681	404,184	13,916,055
Larder Lake .....	366,046	12,544,396	340,054	11,708,059
Matachewan .....	40,144	1,375,735	31,661	1,090,088
Sudbury .....	40,837	1,399,484	40,370	1,389,937
Thunder Bay .....	120,051	4,114,148	113,328	3,901,883
Patricia .....	321,763	11,026,818	339,843	11,700,794
Other mines .....	44,124	1,512,129	38,144	1,313,298
Total Ontario .....	2,513,691	86,144,190	2,182,544	75,144,989

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

	1952		1953	
	Fine ounces	\$	Fine ounces	\$
Manitoba -				
Gold mines .....	118,214	4,051,194	109,000	3,752,870
Other mines .....	23,733	813,330	23,500	809,105
Total Manitoba .....	141,947	4,864,524	132,500	4,561,975
Saskatchewan -				
Gold mines .....	2	69	...	...
Other mines .....	93,583	3,207,089	87,150	3,000,575
Total Saskatchewan .....	93,585	3,207,158	87,150	3,000,575
Alberta (placer) .....	111	3,804	55	1,894
British Columbia -				
Gold mines (lode).....	216,652	7,424,664	210,645	7,252,507
Gold mines (placer) .....	14,172	485,675	10,839	373,187
Other mines .....	42,235	1,447,393	45,516	1,567,116
Total British Columbia..	273,059	9,357,732	267,000	9,192,810
Northwest Territories -				
Gold mines .....	247,581	8,484,601	292,741	10,079,073
Yukon (chiefly placer) .....	78,519	2,690,846	69,663	2,398,497
TOTAL CANADA .....	4,471,725	153,246,016	4,061,205	139,826,286

## IRON ORE

Table 17 -

Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
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 .....	5,271,849	33,744,311	4,267,658	26,519,451	3,846,998	22,333,472
1953 .....	6,501,060	42,722,000	4,167,571	28,193,710	4,819,975	30,842,991

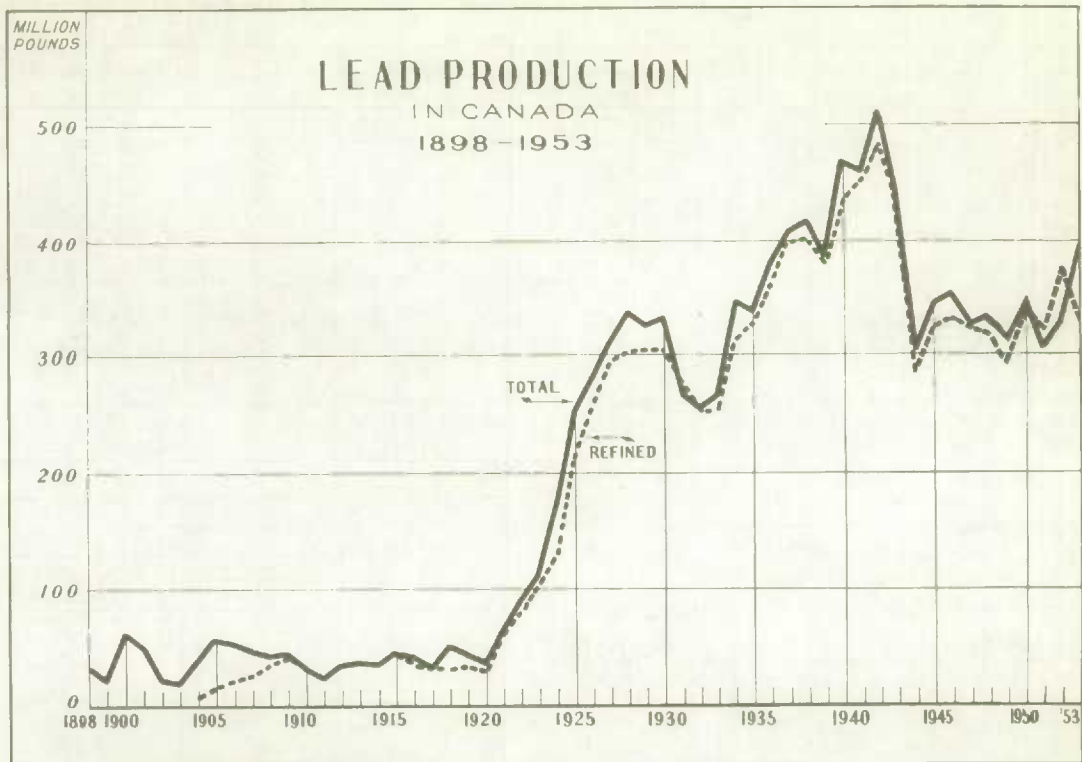
## LEAD

Table 18 -

Year	Production of primary(*)		Production refined lead(+)	Exports				Consumption refined lead
	lead in all forms			Lead contained in ore		Pig lead		
	Tons	\$	Tons	Tons	\$	Tons	\$	Tons
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	55,210
1952 .....	168,842	54,671,021	182,943	23,967	6,897,640	129,740	41,614,984	53,439
1953 .....	197,229	51,969,847	165,752	61,683	14,784,744	102,879	22,976,167	58,364

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

(+ ) Includes lead from foreign ores.



MAGNESIUM

Table 19 -

Year	Production of refined magnesium		Year	Production of refined magnesium	
	Pounds	\$		Pounds	\$
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 .....	...	4,812,368(*)
1947-1949 .....	Not available for publication		1953 .....	...	4,607,633(*)

(\*) Includes calcium in 1950-1953

MANGANESE ORE

Table 20 -

Year	Production		Imports	
	Tons	\$	Tons	\$
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
1953 .....	...	...	66,682	2,719,863



MERCURY

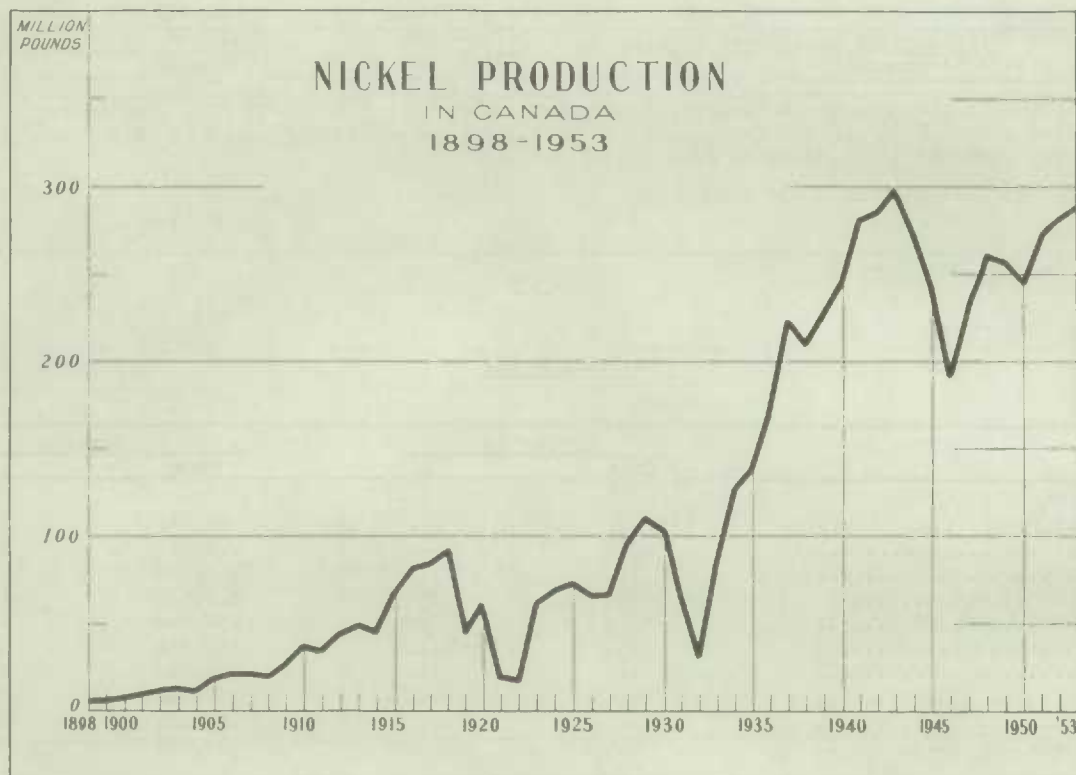
Table 21 -

Year	Production		Imports		Exports		Not available
	Pounds	⌘	Pounds	⌘	Pounds	⌘	
1944 .....	735,908	1,210,375	35,425	44,171	362,670		
1945 .....	...	...	27,101	32,924	261,720		
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
1953 .....	...	...					

MOLYBDENITE

Table 22 -

Year	Shipments			Year	Shipments		
	Concentrates	MoS <sub>2</sub> Content	⌘		Concentrates	MoS <sub>2</sub> Content	⌘
	Tons	Pounds			Tons	Pounds	
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 .....	331.	505,964	409,831
1948 .....	173.5	304,762	137,143	1953 .....		152,521	115,390



N I C K E L

Table 23 -

Year	Production of primary(*) nickel in all forms		E x p o r t s			
			Nickel contained in matte or speiss		Refined nickel	
	Tons	\$	Tons	\$	Tons	\$
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 .....	140,559	151,349,438	63,753	70,248,850	77,059	79,672,175
1953 .....	143,966	160,861,368		70,312,715	79,909	90,900,597

(\*) 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	\$
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 .....	122,317	10,916,792	157,407	7,559,109
1953 .....	134,108	12,237,355	161,550	7,396,897

(\*) 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	\$
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 .....	242,030	786,599	244,121	894,071
1953 .....	356,500	1,312,600	253,620	1,066,824



S I L V E R

Table 26 -

Year	Production primary silver in all forms		Exports			
			Silver contained in ores, concentrates, etc.		Silver bullion	
	Fine ounces	\$	Fine ounces	\$	Fine ounces	\$
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 .....	25,222,227	21,065,603	3,546,448	2,830,376	14,928,515	12,617,803
1953 .....	30,145,259	25,334,503	5,686,518	4,613,352	14,632,914	12,231,682

T E L L U R I U M

Table 27 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
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 .....	6,035	10,259
1948 .....	11,425	19,994	1953 .....	16,430	28,758

T I N

Table 28 -

Year	Production of refined tin		Imports in blocks, pigs		Consumption
	Tons	\$	Tons	\$	Tons
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	253,581	4,423	10,595,385	4,743
1953 .....	328(*)	656,000	4,146	8,263,530	4,424

(\*) Tin content of exported tin concentrates.

TITANIUM ORE

Table 29 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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	459
1948 .....	4,441	21,091	1953 .....	4,658	27,566

TUNGSTEN

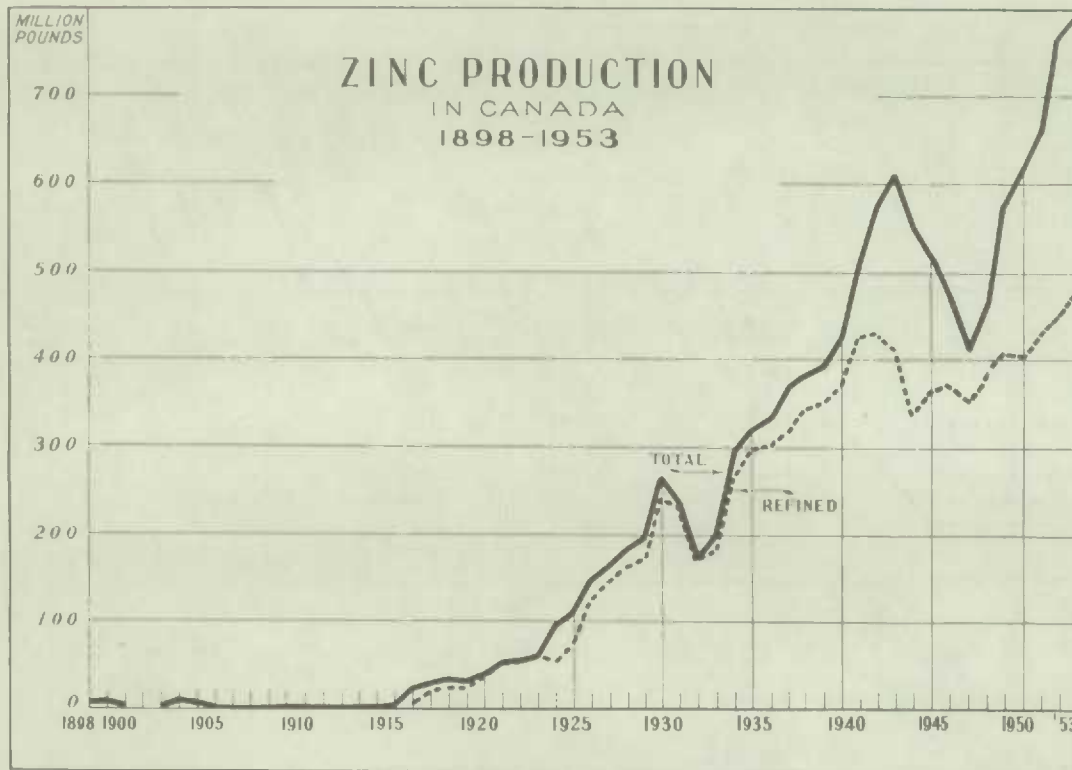
Table 30 -

Year	Production of tungsten concentrates			Imports of tungsten-bearing ores	
	Crude (Pounds)	WO <sub>3</sub> content	\$	Pounds	\$
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 .....	3,670,686	1,493,111	4,488,237	73,485	202,064
1953 .....	...	2,384,554	5,051,508	254,100	284,650

Z I N C

Table 31 -

Year	Production primary zinc in all forms		Production refined zinc	Consumption refined zinc	Exports			
	Tons				Tons	Zinc contained in ore		Refined zinc
	Tons	⌘	Tons	Tons	Tons	⌘	Tons	⌘
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	144,867	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	371,802	129,833,285	222,200	51,581	181,754	34,491,726	166,864	61,309,973
1953	398,824	95,398,683	247,707	51,157	192,657	22,923,232	158,388	34,292,884



F U E L S

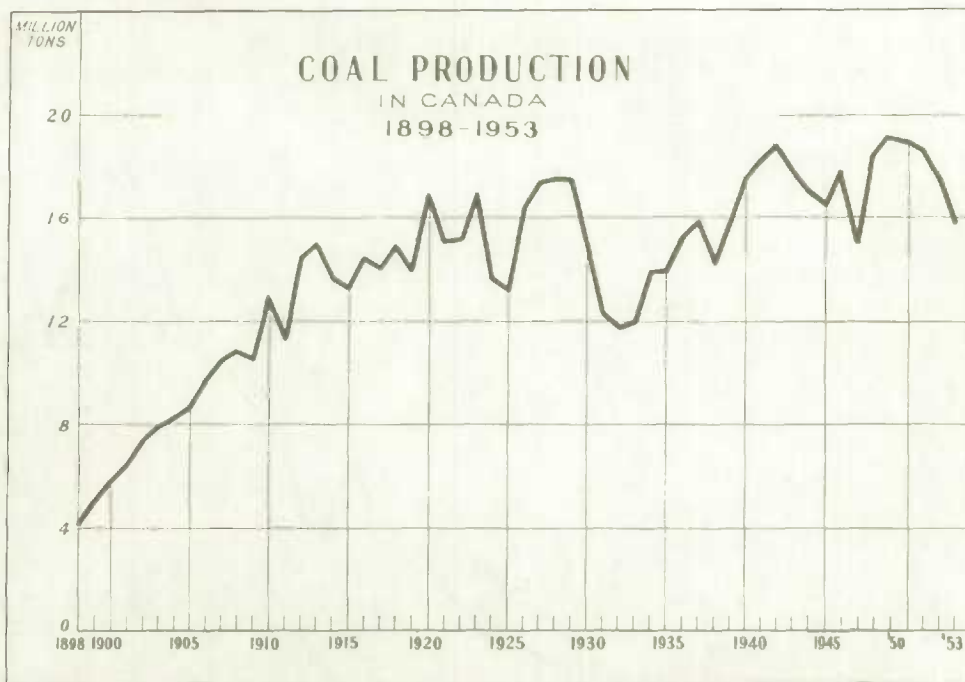
COAL

Table 32 -

Year	Production		Imports		Exports	
	Tons	⌘	Tons	⌘	Tons	⌘
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	17,579,002	111,026,149	25,088,450	152,538,874	388,960	3,203,522
1953	15,760,000	102,100,000	23,265,541	136,567,453	255,274	1,999,908

Table 33 - COAL PRODUCTION, BY PROVINCES, 1952 and 1953

Province	1952		1953	
	Tons	\$	Tons	\$
Nova Scotia .....	2,605,265	51,227,678	5,760,000	51,903,000
New Brunswick .....	742,823	5,836,736	712,000	5,694,000
Saskatchewan .....	2,083,465	4,004,308	2,000,000	3,793,000
Alberta .....	7,194,757	39,908,362	5,850,000	31,894,000
British Columbia .....	1,644,250	9,909,720	1,434,000	8,753,000
Yukon .....	8,442	139,345	4,000	63,000
<b>CANADA .....</b>	<b>17,579,002</b>	<b>111,026,149</b>	<b>15,760,000</b>	<b>102,100,000</b>



NATURAL GAS

Table 34 -

Year	Production		Year	Production	
	M cu.ft.	\$		M cu.ft.	\$
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 .....	88,686,465	9,517,638
1948 .....	58,603,269	15,632,507	1953 .....	99,628,189	11,023,350

Table 35 - NATURAL GAS PRODUCTION, BY PROVINCES, 1952 and 1953

Province	1952		1953	
	M cu.ft.	\$	M cu.ft.	\$
New Brunswick .....	202,042	150,073	176,000	132,000
Ontario .....	8,302,190	3,320,876	10,430,000	4,172,000
Saskatchewan .....	1,007,491	100,749	1,139,189	120,000
Alberta .....	79,149,895	5,936,242	87,858,000	6,589,350
Northwest Territories .....	24,847	9,698	25,000	10,000
CANADA .....	88,686,465	9,517,638	99,628,189	11,023,350

CRUDE PETROLEUM

Table 36 -

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
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 .....	61,237,322	143,038,212
1948 .....	12,286,660	37,418,895	1953 .....	81,311,531	198,111,542

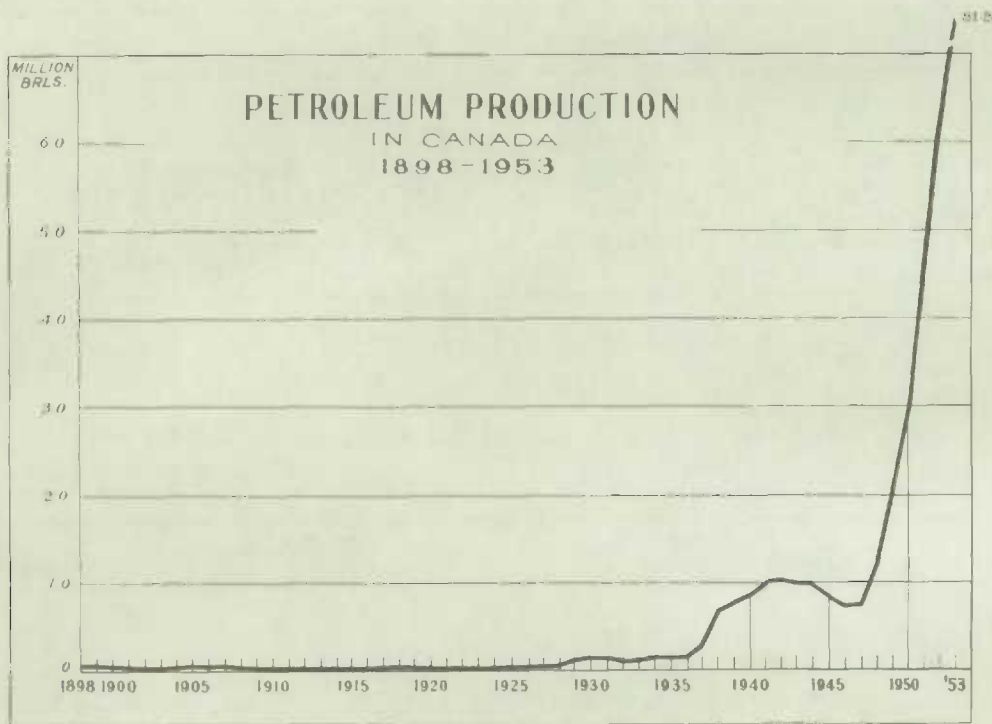


Table 37 - CRUDE PETROLEUM PRODUCTION, BY PROVINCES, 1952 and 1953

Province	1952		1953	
	Barrels	\$	Barrels	\$
New Brunswick .....	14,237	19,932	14,500	20,300
Ontario .....	19,814	641,037	298,710	997,691
Manitoba .....	104,826	229,299	619,321	1,526,751
Saskatchewan .....	1,696,505	2,256,352	3,000,000	4,300,000
Alberta .....	58,915,723	139,512,432	77,065,000	190,890,000
Northwest Territories .....	314,217	379,160	314,000	376,800
CANADA .....	61,237,322	143,038,212	81,311,531	198,111,542

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALSCLAY PRODUCTS

Table 38 -

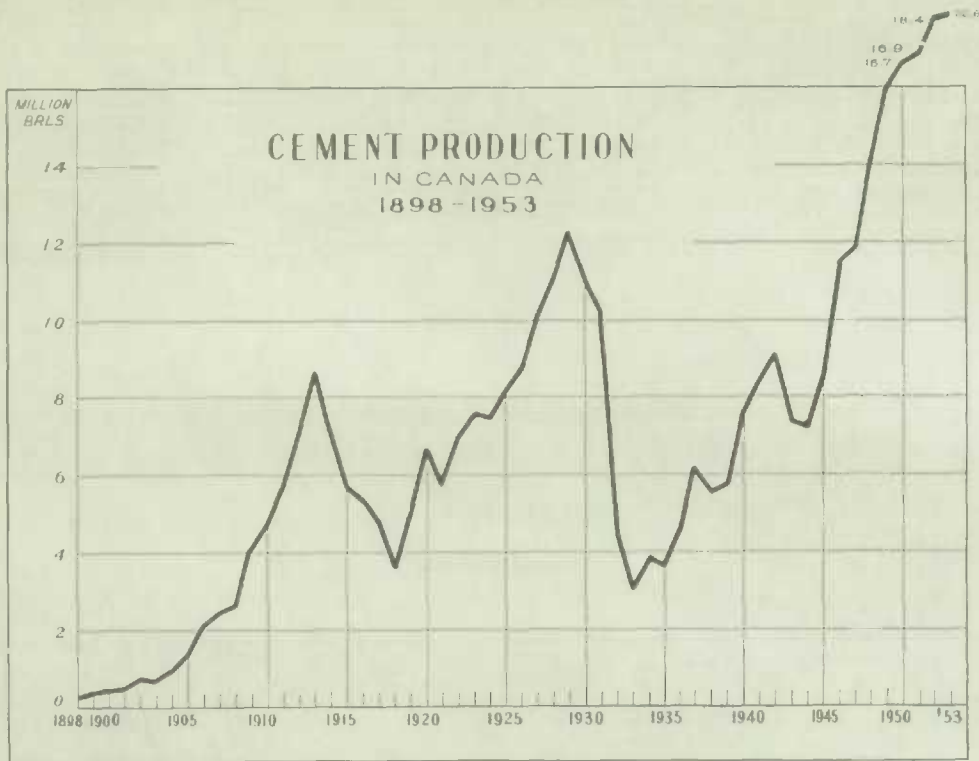
Year	Production	Year	Production
	\$		\$
1944 .....	6,997,425	1949 .....	17,981,709
1945 .....	8,913,092	1950 .....	21,790,888
1946 .....	12,207,367	1951 .....	23,527,656
1947 .....	14,486,189	1952 .....	24,961,528
1948 .....	17,629,048	1953 .....	29,220,283

C E M E N T

Table 39 -

Year	Production		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
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 .....	18,520,538	48,059,470	2,913,981	9,068,181	4,306	20,686
1953 .....	22,577,141	59,839,705	2,482,783	7,403,158	14,728	77,559





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	\$
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	912,143	10,677,367	263,643	2,935,854	1,175,786	13,613,221
1953		Not available			1,184,963	13,457,648

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

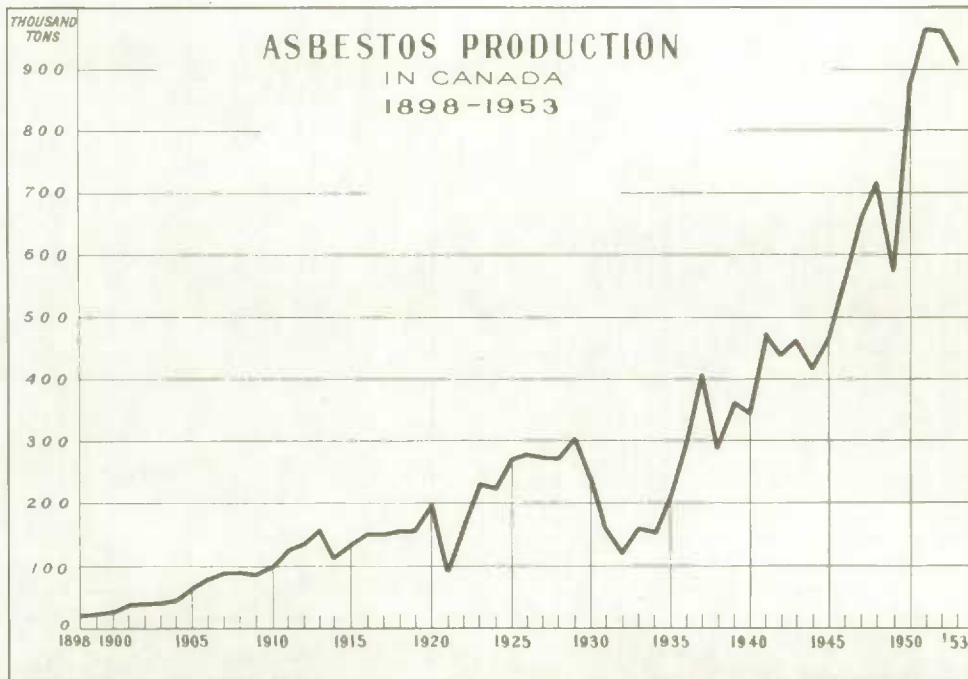
Table 41 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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	102,895,545	51,339,043
1948	68,670,863	30,629,596	1953	101,399,474	50,800,061

STONE

Table 42 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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 .....	18,726,196	30,835,356
1948 .....	11,696,643	17,948,553	1953 .....	19,548,262	30,288,154



ASBESTOS

Table 43 -

Year	Production		Exports		
	Tons	\$	Crude Tons	Milled fibres Tons	Waste, refuse or shorts Tons
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 .....	929,339	89,254,913	692	339,818	561,548
1953 .....	911,713	87,633,124	638	316,588	561,304

ARSENIOUS OXIDE

Table 44 -

Year	Production (crude and refined) (*)		Exports (crude and refined) (*)	
	Pounds	\$	Pounds	\$
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 .....	1,708,351	76,876	294,800	16,906
1953 .....	1,424,250	78,333	935,300	39,675

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

(+) Data for 1951-1953 include some arsenious oxide recovered from foreign ores.

BARITE

Table 45 -

Year	Production		Imports	
	Tons	\$	Tons	\$
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	929	32,269
1950 .....	77,177	750,378	2,089	70,095
1951 .....	98,113	1,131,917	1,068	37,471
1952 .....	136,002	1,521,162	1,445	44,488
1953 .....	248,973	2,316,474	1,207	40,143

FELDSPAR

Table 46 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
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 .....	20,267	330,635	154	3,769	6,360	54,899
1953 .....	20,564	337,716	350	7,085	6,848	64,234

FLUORSPAR

Table 47 -

Year	Production		Imports	
	Tons	\$	Tons	\$
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 .....	82,187	2,523,408	22,714	684,968
1953 .....	90,078	2,657,104	20,161	546,915

GRAPHITE

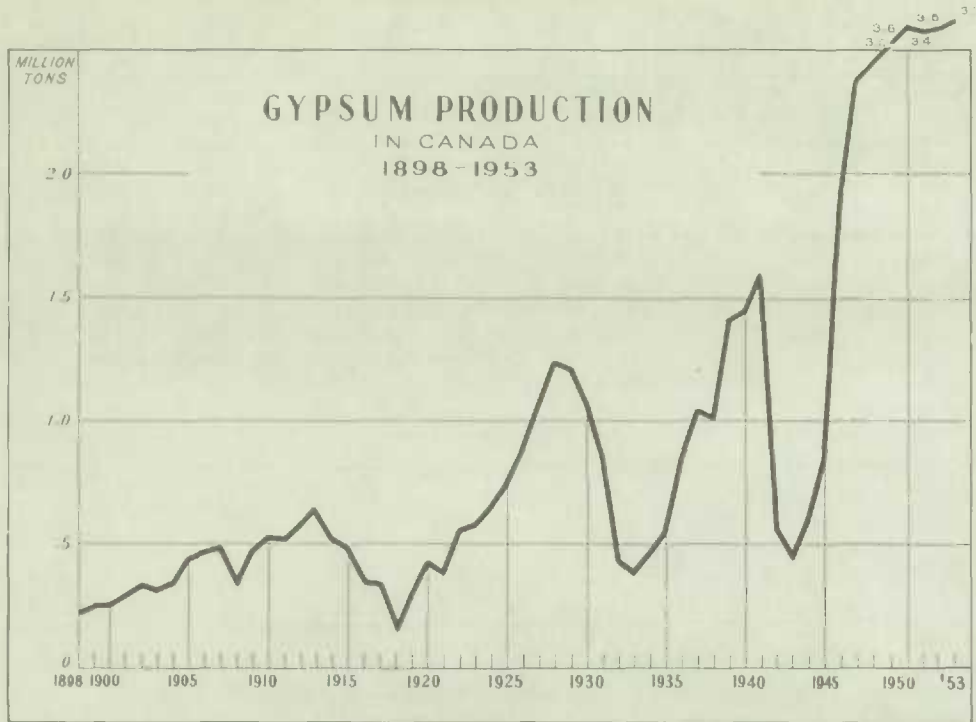
Table 48 -

Year	Production		Imports			Exports \$
	Tons	\$	Plumbago, not ground or otherwise manufactured	Crucibles, plumbago	Plumbago, ground and manufactures of n.o.p.	
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 .....	2,040	255,732	97,658	213,429	434,650	191,563
1953 .....	3,476	361,184	125,740	217,066	481,982	320,688

GYPSUM

Table 49 -

Year	Production		Exports of crude gypsum	
	Tons	\$	Tons	\$
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 .....	3,590,783	6,538,074	2,763,492	2,847,463
1953 .....	3,765,763	7,487,928	2,769,990	3,794,083



IRON OXIDES

Table 50 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
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 .....	11,487	194,922
1948 .....	13,181	203,391	1953 .....	9,297	172,037

MAGNESITIC-DOLOMITE AND BRUCITE

Table 51 -

Year	Production magnesitic-dolomite and brucite \$	Imports of dead-burned, sintered and calcined magnesite		Exports of dead-burned refractories	
		Tons	\$	Tons	\$
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 .....	2,715,266(*)	10,278	518,159	2,960	167,717
1953 .....	3,122,122(*)	6,801	398,319	4,601	305,695

(\*) Includes some magnesium metal.

M I C A

Table 52 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
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 .....	2,014,941	194,106
1948 .....	7,902,303	219,948	1953 .....	1,856,713	171,372

MINERAL WATERS

Table 53 -

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
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 .....	311,495	166,033
1948 .....	192,539	110,259	1953 .....	312,400	166,450

NEPHELINE SYENITE

Table 54 -

Year	Production		Exports	
	Tons	\$	Tons	\$
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 .....	82,681	1,111,950	56,323	802,376
1953 .....	108,000	1,402,000	76,375	1,120,781

PEAT MOSS

Table 55 -

Year	Production		Exports	
	Tons	\$	Tons	\$
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 .....	74,899	2,443,765	68,276	3,127,593
1953 .....	84,847	2,497,219	73,509	3,289,755

## PHOSPHATE ROCK

Table 56 -

Year	Production		Imports	
	Tons	\$	Tons	\$
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
1953 .....	...	...	576,500	3,951,318

## QUARTZ

Table 57 -

Year	Production of quartz, quartzite, etc.		Exports of quartzite	
	Tons	\$	Tons	\$
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 .....	1,783,081	2,253,500	193,955	642,351
1953 .....	1,651,791	1,608,195	200,169	674,777

Table 58 -

Year	Imports ganister		Imports of silix or crystallized quartz, ground or unground		Imports of flint and ground flint stones		Imports silica sand	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1944 .....	347	2,463	8,773	530,200	1,481	30,787	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
1953 .....	286	4,303	30,534	1,733,477	1,106	14,358	703,221	1,928,438

S A L T

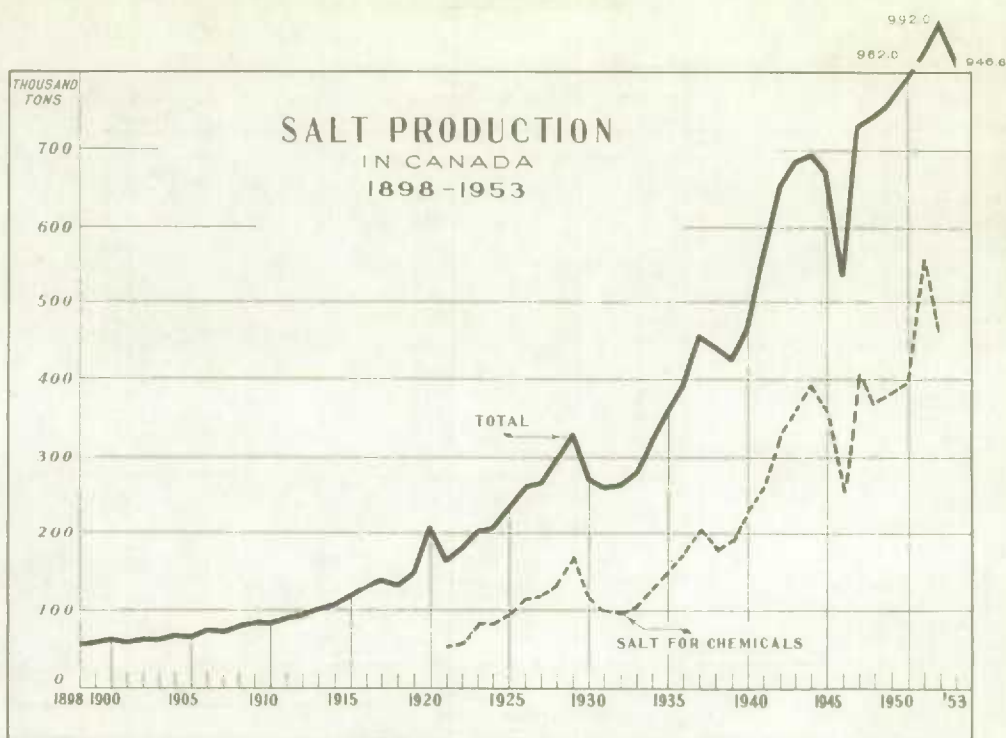


Table 59 -

Year	P r o d u c t i o n					
	Commercial salt		Salt for chemicals (*)		T O T A L	
	Tons	\$	Tons	\$	Tons	\$
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					971,903	7,774,815
1953					946,650	7,356,595

(\*) 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	\$
1944	31,458	173,125	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
1953	60,121	369,042	210,826	1,115,000	36,362	531,025	2,354	32,499



SODIUM CARBONATE (Natural)

Table 61 -

Year	Production of natural sodium carbonate		Imports of soda ash	
	Tons	\$	Tons	\$
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	947,389
1949 .....	47	513	5,437	206,206
1950 .....	...	...	23,597	625,557
1951 .....	...	...	60,093	1,577,142
1952 .....	...	...	35,680	900,968
1953 .....	...	...	110,704	3,146,748

SODIUM SULPHATE (Natural)

Table 62 -

Year	Production of natural sodium sulphate		Imports			
	Tons	\$	Salt cake		Glauber's salt	
			Tons	\$	Tons	\$
1944 .....	102,421	987,942	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	20,381	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 .....	122,590	1,708,807	19,576	313,739	4,577	122,294
1953 .....	112,881	1,704,313	32,802	516,863	5,493	150,263

SULPHUR

Table 63 -

Year	Production of sulphur in pyrites and in smelter gases		Elemental sulphur from natural gas		Imports of sulphur		Exports of sulphur in pyrites	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
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	1,823,867			361,424	5,466,201	56,336	231,880
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 .....	423,788	3,851,183	4,225	85,768	415,185	8,376,824	197,897	1,643,180
1953 .....	333,873	3,127,464	17,713	354,260	359,105	8,526,804	129,608	1,034,228

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	\$				
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 .....	12,454	149,711	12,578	130,901	8,749	276,496	3,435	44,925
1953 .....	13,000	160,000	13,863	134,250	11,867	372,628	2,937	38,193

(\*) 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 .....	30,805	1,238,103
1953 .....	96,660	4,217,000



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