

26-288
C.D.
Historical File Copy
Published by Authority of the Rt. Hon. C. D. Howe, M.P.,
Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

+++ *Industry and Merchandising Division* +++

MINING, METALLURGICAL & CHEMICAL SECTION

PRELIMINARY REPORT

ON THE

MINERAL PRODUCTION

OF

CANADA

1948



OTTAWA
1949

Price 25 cents

MILLION
DOLLARS

VALUE OF MINERAL PRODUCTION BY CLASSES CANADA, 1898-1948

700

600

500

400

300

200

100

0

1898 1900 1905 1910 1915 1920 1925 1930 1935 1940 1945 '48

806

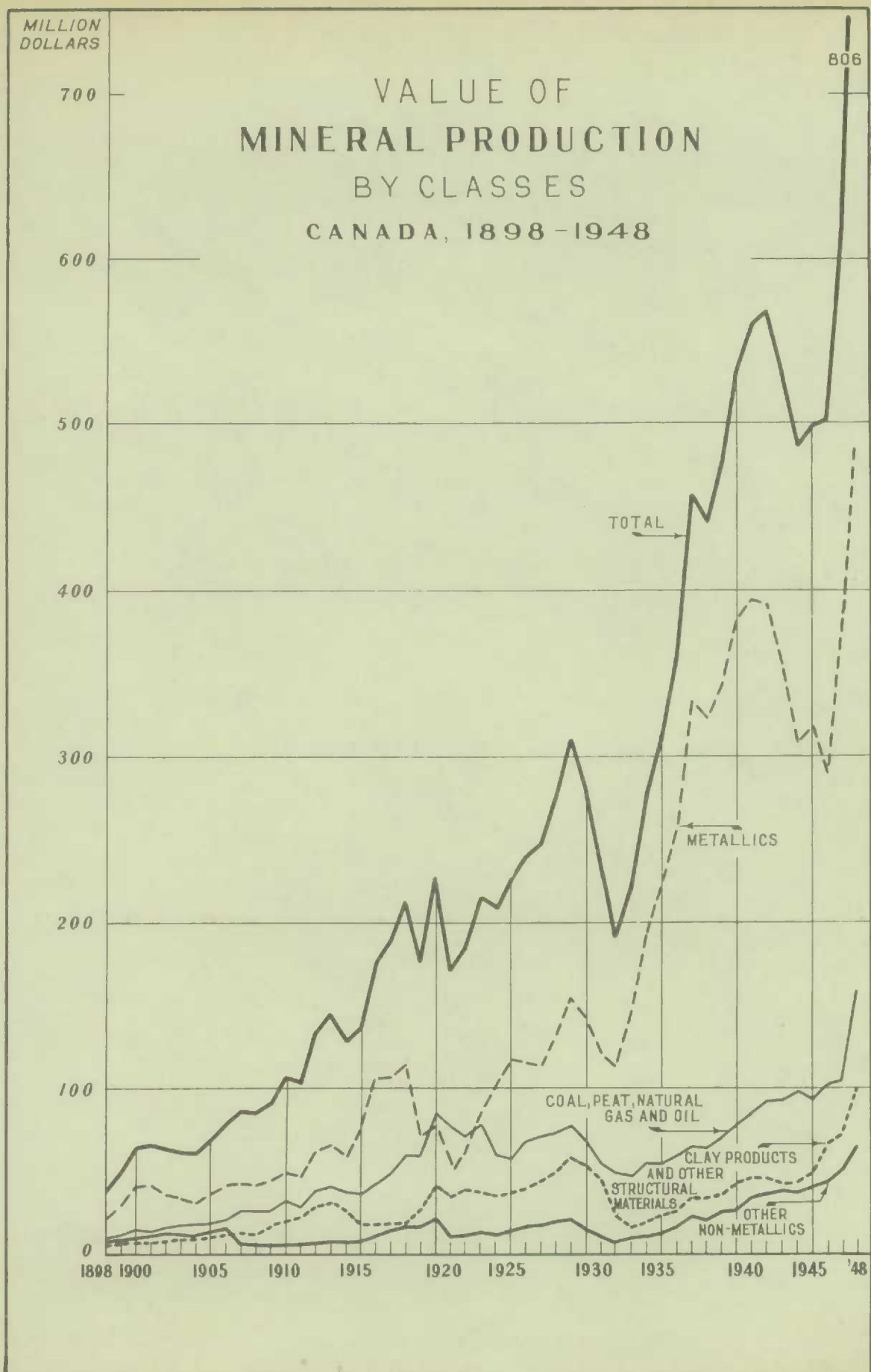
TOTAL

METALLICS

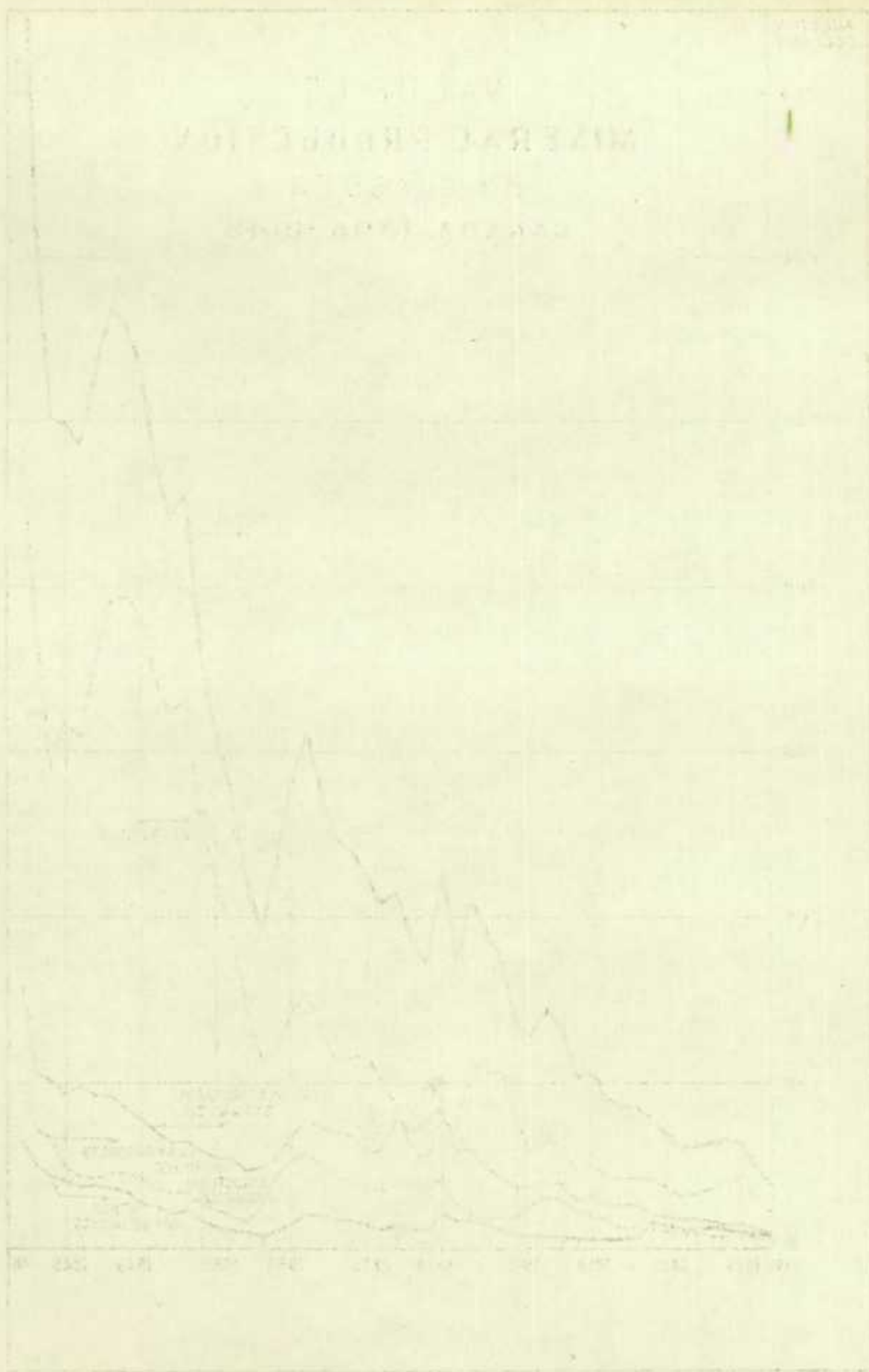
COAL, PEAT, NATURAL
GAS AND OIL

CLAY PRODUCTS
AND OTHER
STRUCTURAL
MATERIALS

OTHER
NON-METALLICS



MILNER'S PROBABILITIES



Dominion Statistician:
 Director - Industry and Merchandising Division:
 Chief - Mining, Metallurgical and Chemical Section:

Herbert Marshall
 W. H. Losee
 H. McLeod

PRELIMINARY REPORT

on the

MINERAL PRODUCTION OF CANADA

DURING THE CALENDAR YEAR 1948

A preliminary estimate of the value of the mineral production in Canada in 1948 indicates an all-time high of \$806.2 millions, an increase of 25 per cent over the previous record of \$644.7 millions in 1947. The output value of metallics increased 22.4 per cent, fuels advanced 43.7 per cent, other non-metallics gained 19.0 per cent, and the value of structural materials was higher by 16.8 per cent.

The value of metals in 1948 at \$483.8 millions was about \$87 millions more than in the previous year. There were substantial increases in the tonnages of copper, lead, zinc, nickel and other base metals, but the rises in market prices accounted for most of the gains in output values. Production of gold at 3.5 million ounces was about a half million ounces greater than in 1947, but still nearly 2 million ounces less than the record of 5.3 million ounces in 1941. The value of gold production, computed at the fixed price of \$35 per ounce, was 14 per cent above the 1947 figure. Silver, a by-product of most gold and base metal mines, increased in total value and quantity, but the output was less than half of the record high in 1910 when the Cobalt camp was in peak production.

The value of mineral fuels at \$158.8 millions was 44 per cent above the 1947 total. Coal production at 18.4 million tons was a half million tons below the record reached in 1942, but the value of \$107,298,757 was 70.6 per cent greater than in that year. Striking developments in the Leduc oil field in Alberta were responsible for bringing the output of crude petroleum in the Dominion to a new high of 12 million barrels valued at \$36.8 millions. Natural gas, being associated with crude petroleum, increased in output to 56.6 billion cubic feet worth \$14.6 millions.

The value of non-metallics increased 19 per cent to \$64.9 millions from \$54.5 millions in 1947. Asbestos production at 707,843 tons worth \$41.3 millions was up 7 per cent in quantity and 25 per cent in value from 1947. The gypsum industry again broke its previous high by producing 3,219,469 tons valued at \$5.6 millions. Salt production increased to 740,443 tons but the value was slightly lower than in 1947 due to a greater portion of low-priced brine being used by the chemical industry. Sulphur produced in the form of pyrite and sulphuric acid was only slightly less than in the preceding year.

Increased demands by the construction industry resulted in a record output of structural materials which in 1948 were valued at \$98.8 millions or 16.8 per cent more than in the previous year. Cement shipments amounted to 14.1 million barrels worth \$27.9 millions. Clay products, which include brick, tile, etc., made from Canadian clay, were valued at \$17.3 millions. Over a million tons of lime was discharged from the lime kilns in 1948. Stone quarried was in excess of 11 million tons worth \$17 millions. Highway construction used a large portion of the 64.2 million tons of sand and gravel produced in 1948. Each of the industries in the structural materials group reached a new high in the value of production.

Note: All 1948 figures in this report are preliminary and subject to revision upon receipt of more complete data. Also, all 1948 figures on imports and exports are for first ten months only, as data for the complete year are not available at this time.

This report was prepared by A. R. Deir, Mining Statistician.

Table 1 - VALUE OF MINERAL PRODUCTION OF CANADA, BY CLASSES, 1934-1948

Year	Metallics	Mineral fuels	Other non-metallics	Clay products and other structural materials	TOTAL
				(dollars)	
1934	194,110,968	54,262,099	10,501,762	19,286,761	278,161,590
1935	221,800,849	54,824,200	12,504,008	23,215,400	312,344,457
1936	259,425,194	59,983,320	16,740,117	25,770,741	361,919,372
1937	334,165,243	65,828,879	22,495,271	34,869,699	457,359,092
1938	323,075,154	64,803,294	20,066,123	33,878,666	441,823,237
1939	343,506,123	70,671,328	25,061,849	35,362,759	474,602,059
1940	382,503,012	78,837,874	26,011,498	42,472,651	529,825,035
1941	395,346,581	85,141,997	34,379,440	45,373,272	560,241,290
1942	392,192,452	92,169,291	36,677,122	45,729,807	566,768,672
1943	356,812,760	92,514,384	38,716,568	42,010,254	530,053,966
1944	308,292,161	97,291,007	37,251,009	42,984,937	485,819,114
1945	317,093,719	93,531,276	39,710,513	48,419,673	498,755,181
1946	290,424,689	102,516,888	43,754,453	66,120,221	502,816,251
1947	395,118,878	110,481,207	54,519,137	84,576,785	644,696,007
1948	483,770,759	158,767,255	64,862,840	98,779,361	806,180,215

Table 2 - MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1946-1948

Province	1946		1947		1948	
	\$	Per cent	\$	Per cent	\$	Per cent
Nova Scotia	35,350,271	7.0	34,255,560	5.3	56,155,799	7.0
New Brunswick	4,813,166	0.9	5,812,943	0.9	7,339,998	0.9
Quebec	92,785,148	18.5	115,151,635	17.9	147,081,732	18.2
Ontario	191,544,429	38.1	249,623,703	38.7	286,658,445	35.6
Manitoba	16,403,549	3.3	18,236,763	2.8	26,767,711	3.3
Saskatchewan	24,480,900	4.9	32,594,016	5.1	34,421,180	4.3
Alberta	60,082,513	12.0	67,432,270	10.5	92,623,314	11.5
British Columbia	74,622,846	14.8	116,772,621	18.1	147,317,853	18.3
Northwest Territories (*)	1,039,525	0.2	2,720,988	0.4	4,298,089	0.5
Yukon	1,693,904	0.3	2,095,508	0.3	3,516,094	0.4
TOTAL	502,816,251	100.0	644,696,007	100.0	806,180,215	100.0

(*) Excluding pitchblende products.

Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1947 and 1948

	1947		1948		
	Quantity	Value	Quantity	Value	
		\$		\$	
Metallics					
Antimony	lb.	1,150,463	384,255	298,000	108,770
Arsenic (As ₂ O ₃)	lb.	787,736	49,348	1,157,000	79,600
Barium	lb.	568	1,278	2,599	5,754
Bismuth	lb.	284,372	560,213	240,603	481,206
Cadmium	lb.	718,534	1,235,879	763,000	1,392,476
Calcium	lb.	602,665	642,607	395,192	1,774,065
Chromite	ton	2,162	42,159	1,650	32,430
Cobalt	lb.	572,673	875,644	2,329,800	2,720,830
Copper	lb.	451,723,093	91,541,888	479,759,756	107,111,669
Gold	fine oz.	3,070,221	107,457,735	3,495,403	122,339,105
Iron ore	ton	1,919,366	9,313,201	1,354,069	6,310,843
Lead	lb.	323,336,687	44,200,124	336,636,058	60,729,144
Manganese ore	ton	225	7,875	250	8,000
Magnesium (a)	...	...	...	...	...
Molybdenite concentrates	lb.	759,795	309,048	291,150	131,018
Nickel	lb.	237,251,496	70,650,764	257,741,704	85,615,175
Palladium, rhodium, iridium, etc.	fine oz.	110,332	4,387,740	143,822	5,975,194
Platinum	fine oz.	94,570	5,582,467	116,578	10,200,575
Pitchblende products	...	...	-- Not available --	...	...
Selenium	lb.	501,090	937,038	327,500	655,000
Silver	fine oz.	12,504,018	9,002,893	15,642,149	11,731,613

Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1947 and 1948 (Concluded)

	1947		1948		
	Quantity	Value \$	Quantity	Value \$	
<u>Metallics (Concluded)</u>					
Tellurium	lb.	9,194	16,090	32,100	56,175
Tin	lb.	714,198	517,794	691,330	688,565
Titanium ore	ton	7,104	36,036	...	...
Tungsten concentrates	lb.	496,023	680,792	962,000	962,000
Zinc	lb.	415,725,826	46,686,010	464,189,141	64,661,547
Total Metallics .....	...	...	395,118,878	...	483,770,759
<u>Non-metallics</u>					
<u>Fuels</u>					
Coal	ton	15,868,866	77,475,017	18,431,250	107,298,757
Natural gas	M cu.ft.	52,656,567	13,429,558	56,636,951	14,608,689
Peat	ton	95	950	85	850
Petroleum	bbl.	7,692,492	19,575,682	12,098,166	36,858,959
Total Fuels .....	...	...	110,481,207	...	158,767,255
<u>Other Non-metallics</u>					
Asbestos	ton	661,821	33,005,748	707,843	41,318,118
Barite	ton	128,675	1,380,753	95,470	1,075,679
Diatomite	ton	103	2,677	59	1,517
Feldspar	ton	36,104	381,360	50,279	460,947
Fluorspar	ton	7,186	209,886	10,534	324,032
Garnet schist	ton	1	300	1	300
Graphite	ton	2,398	207,364	2,580	241,370
Grindstones	ton	335	21,475	204	13,260
Gypsum	ton	2,496,984	4,734,853	3,219,469	5,583,921
Iron oxides	ton	13,418	258,322	12,620	187,279
Magnetitic dolomite and brucite (b) .....	...	...	1,238,948	...	1,722,341
Mica	lb.	8,318,755	200,903	4,583,640	176,438
Mineral waters	gal.	198,952	117,440	203,500	120,600
Nepheline syenite	ton	13,995	167,667	80,901	427,208
Peat moss	ton	80,019	2,279,821	74,253	2,314,467
Quartz	ton	1,836,428	1,796,612	1,920,120	2,073,395
Salt	ton	728,545	4,436,930	740,443	4,364,396
Silica brick	M	3,094	193,998	3,234	367,742
Soapstone (including some talc) ..	ton	26,709	266,377	26,000	268,000
Sodium carbonate	ton	163	1,793	...	...
Sodium sulphate	ton	163,290	1,793,043	150,293	2,089,012
Sulphur	ton	221,781	1,822,867	218,020	1,732,818
Total Other Non-metallics .....	...	...	54,519,137	...	64,862,840
<u>Clay Products and Other Structural Materials</u>					
Clay products (brick, tile, etc.) ...	...	...	14,486,189	...	17,350,069
Cement	bbl.	11,936,245	21,968,909	14,111,546	27,897,457
Lime	ton	977,413	8,542,507	1,050,841	9,665,198
Sand and gravel	ton	56,789,569	23,114,431	64,252,068	26,785,638
Stone	ton	10,889,388	16,464,749	11,451,449	17,080,999
Total Clay Products and Other Structural Materials .....	...	...	84,576,785	...	98,779,361
GRAND TOTAL .....	...	...	644,696,007	...	806,180,215

(a) Not available for publication.

(b) Includes magnesium metal.

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1948

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA	
Metals												
Antimony	lb.	...	...	...	...	...	...	298,000	...	...	298,000
\$	...	...	...	...	...	...	...	108,770	...	...	108,770
Arsenic	lb.	...	452,000	725,000	...	...	...	...	...	...	1,157,000
\$	...	...	27,000	52,800	...	...	...	...	...	...	79,800
Barium	lb.	...	...	2,599	...	...	...	...	...	...	2,599
\$	...	...	...	5,754	...	...	...	...	...	...	5,754
Bismuth	lb.	...	15,205	5,400	...	...	...	222,000	...	...	240,805
\$	...	...	26,406	10,800	...	...	...	444,000	...	...	481,206
Cadmium	lb.	...	...	...	71,500	77,500	...	614,000	...	...	765,000
\$	...	...	...	...	150,488	141,488	...	1,120,550	...	...	1,392,476
Calcium	lb.	...	...	595,192	...	...	...	...	...	...	595,192
\$	...	...	...	1,774,065	...	...	...	...	...	...	1,774,065
Chromite	ton	...	1,650	...	...	...	...	...	...	...	1,650
\$	...	...	32,430	...	...	...	...	...	...	...	32,430
Cobalt	lb.	...	...	2,329,800	...	...	...	...	...	...	2,329,800
\$	...	...	...	2,720,830	...	...	...	...	...	...	2,720,830
Copper	lb.	...	96,897,800	237,589,545	58,806,000	82,957,000	...	45,709,411	...	...	479,759,756
\$	...	...	21,611,958	55,007,465	8,875,141	14,070,890	...	9,749,217	...	...	107,111,669
Gold	oz.	192	765,854	2,068,978	109,354	90,003	55	308,794	98,555	55,660	3,495,403	
\$	6,720	...	26,804,190	72,414,250	3,827,390	5,150,105	1,225	10,807,790	3,449,555	1,878,100	122,339,105	
Iron ore	ton	...	...	1,354,069	...	...	...	...	...	...	1,354,069
\$	...	...	...	6,510,848	...	...	...	...	...	...	6,510,848
Lead	lb.	...	8,969,777	6,000	...	...	...	324,362,817	...	3,297,464	536,636,058
\$	...	...	1,618,148	1,082	...	...	...	58,515,052	...	594,862	80,729,144
Manganese ore	ton	...	250	...	...	...	...	...	...	...	250
\$	...	8,000	...	...	...	...	...	...	...	...	8,000
Magnesium .....	...	...	(*)	...	...	...	...	...	...	...	(*)
Molybdenite	lb.	...	291,150	...	...	...	...	...	...	...	291,150
\$	...	...	151,018	...	...	...	...	...	...	...	151,018
Nickel	lb.	...	...	257,741,704	...	...	...	...	...	...	257,741,704
\$	...	...	...	85,615,175	...	...	...	...	...	...	85,615,175
Palladium, rhodium, etc.	oz.	...	...	143,822	...	...	...	...	...	...	143,822
\$	...	...	...	5,975,194	...	...	...	...	...	...	5,975,194
Platinum	oz.	...	...	116,578	...	...	...	...	...	...	116,578
\$	...	...	...	10,200,575	...	...	...	...	...	...	10,200,575
Pitchblende .....	...	...	...	...	...	...	...	...	...	...	...
Selenium	lb.	...	123,500	122,000	16,400	65,600	...	...	...	...	527,500
\$	...	...	247,000	244,000	52,800	131,200	...	...	...	...	655,000
Silver	oz.	11	2,235,421	3,262,118	811,146	1,546,000	3	6,593,420	24,788	1,369,242	15,642,149	
\$	8	...	1,676,566	2,446,589	608,360	1,009,500	2	4,945,065	18,591	1,026,932	11,731,615	
Tellurium	lb.	...	13,900	8,700	1,900	7,600	...	...	...	...	32,100
\$	...	...	24,525	15,225	3,325	13,500	...	...	...	...	56,175
Tin	lb.	...	...	...	...	...	...	691,330	...	...	691,330
\$	...	...	...	...	...	...	...	688,565	...	...	688,565
Tungsten concentrates..	lb.	...	...	...	...	...	...	962,000	...	...	962,000
\$	...	...	...	...	...	...	...	962,000	...	...	962,000
Zinc	lb.	...	94,274,406	...	43,784,000	58,054,000	...	268,076,735	...	...	464,189,141
\$	...	...	13,132,425	...	6,099,111	8,086,922	...	37,343,089	...	...	64,661,547
Total Metals	\$	6,728	8,000	65,331,466	240,794,430	19,374,615	26,603,355	1,227	124,683,098	3,467,946	3,499,894	483,770,759
Non-metallics												
Fuels												
Coal	ton	6,435,270	513,722	...	...	1,560,630	8,127,621	1,792,472	...	1,535	18,431,250
\$	47,993,738	3,717,226	...	...	...	3,036,003	42,141,743	10,393,847	...	16,200	107,298,757
Natural gas	M cu. ft.	...	416,826	...	9,032,913	...	387,212	46,800,000	...	...	56,636,951
\$	...	237,590	...	6,142,380	...	38,719	8,190,000	...	...	...	14,608,689
Peat	ton	...	...	...	85	...	...	...	...	...	85
\$	...	...	...	...	850	...	...	...	...	...	850
Petroleum, crude	bbl.	...	20,823	...	174,290	...	865,715	10,660,000	377,338	...	12,098,166	
\$	...	31,235	...	463,611	...	995,570	34,538,400	...	830,143	...	36,858,959
Total Fuels	\$	47,993,738	3,986,051	...	6,606,841	...	4,070,292	84,870,143	10,393,847	830,143	16,200	158,767,255

Preliminary

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1948 (Concluded)

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA	
Other Non-metallics												
Asbestos	ton	...	707,843	...	...	...	...	...	...	...	707,843
	\$	...	41,318,118	...	...	...	...	...	...	...	41,318,118
Barite	ton	94,080	...	60	...	...	...	1,330	...	...	95,470
	\$	1,061,779	...	600	...	...	...	15,300	...	...	1,075,679
Diatomite	ton	22	...	...	...	...	...	37	...	...	59
	\$	600	...	...	...	...	...	917	...	...	1,517
Feldspar	ton	...	43,704	6,575	...	...	...	...	...	...	50,279
	\$	...	399,883	61,064	...	...	...	...	...	...	460,947
Fluorspar	ton	...	...	10,534	...	...	...	...	...	...	10,534
	\$	...	...	324,032	...	...	...	...	...	...	324,032
Garnet rock	ton	...	...	1	...	...	...	...	...	...	1
	\$	...	...	300	...	...	...	...	...	...	300
Graphite	ton	...	...	2,580	...	...	...	...	...	...	2,580
	\$	...	...	241,370	...	...	...	...	...	...	241,370
Grindstone	ton	...	204	...	...	...	...	...	...	...	204
	\$	...	13,260	...	...	...	...	...	...	...	13,260
Gypsum	ton	2,787,929	100,481	180,559	90,300	...	...	60,200	...	...	3,219,469
	\$	3,339,039	557,670	332,912	847,300	...	...	507,000	...	...	5,583,921
Iron oxides	ton	...	11,560	...	...	...	...	60	...	...	12,620
	\$	...	186,579	...	...	...	...	700	...	...	187,279
Magnesitic dolomite and brucite .....	\$	...	1,722,341(x)	...	...	...	...	...	...	...	1,722,341
Mica	lb.	...	2,174,260	1,515,380	...	...	...	894,000	...	...	4,583,640
	\$	...	110,185	55,759	...	...	...	10,494	...	...	176,438
Mineral water	gal.	...	200,000	3,500	...	...	...	...	...	...	203,500
	\$	...	120,000	600	...	...	...	...	...	...	120,600
Nepheline syenite	ton	...	...	80,901	...	...	...	...	...	...	80,901
	\$	...	...	427,208	...	...	...	...	...	...	427,208
Peat moss	ton	5,248	19,610	7,981	1,858	...	...	39,556	...	...	74,253
	\$	170,470	366,771	210,788	74,338	...	...	1,492,100	...	...	2,314,467
Quartz	ton	...	328,033	1,410,387	...	152,000	...	29,700	...	...	1,920,120
	\$	...	721,852	1,171,343	...	53,200	...	127,000	...	...	2,073,393
Salt	ton	56,480	...	624,113	23,987	...	35,863	...	...	...	740,443
	\$	482,083	...	3,057,674	397,641	...	426,998	...	...	...	4,364,398
Silica brick	M	1,980	...	1,254	...	...	...	...	...	...	3,234
	\$	236,248	...	131,494	...	...	...	...	...	...	367,742
Soapstone and talc	ton	...	13,000	13,000	...	...	...	...	...	...	26,000
	\$	...	123,000	145,000	...	...	...	...	...	...	268,000
Sodium sulphate	ton	...	...	...	...	150,293	...	...	...	...	150,293
	\$	...	...	...	...	2,089,012	...	...	...	...	2,089,012
Sulphur	ton	...	68,570	15,250	...	...	...	134,200	...	...	218,020
	\$	...	255,218	152,500	...	...	...	1,325,100	...	...	1,732,818
Total Other Non-metallics	\$	5,119,749	741,400	45,323,947	6,312,644	1,319,279	2,142,212	426,998	3,476,811	...	64,862,840	
Clay Products and Other Structural Materials												
Clay products	\$	857,100	410,200	5,134,200	6,307,922	486,358	552,260	2,212,183	1,389,846	...	17,350,069	
Cement	bbl.	...	...	6,541,269	3,599,360	1,686,345	...	1,256,591	1,027,981	...	14,111,546
	\$	...	...	12,307,117	6,741,950	3,895,457	...	2,588,577	2,364,356	...	27,897,457
Line	ton	...	19,757	394,501	511,072	47,389	...	24,047	54,075	...	1,050,841	
	\$	...	300,707	3,348,148	4,477,388	610,007	...	224,198	686,750	...	9,665,198
Sand and gravel	ton	3,136,853	4,438,855	25,819,842	18,188,821	1,824,185	1,590,408	3,401,209	5,872,095	...	64,252,068	
	\$	1,601,340	1,341,076	7,677,936	9,154,268	701,230	1,053,061	2,192,864	3,063,863	...	26,785,638	
Stone	ton	370,557	223,395	4,577,837	5,014,558	195,511	...	32,823	1,036,767	...	11,451,449	
	\$	577,144	552,584	7,980,918	6,263,002	380,765	...	87,124	1,259,482	...	17,080,999	
Total Clay Products and Other Structural Materials ..	\$	3,035,584	2,604,647	36,426,319	32,944,530	6,073,817	1,605,321	7,324,946	8,764,297	...	98,779,361	
GRAND TOTAL	\$	56,155,799	7,359,998	147,061,732	286,658,445	26,767,711	34,421,180	92,623,514	147,517,853	4,298,069	3,516,064	806,180,215

(*) Not available for publication.

(x) Includes magnesium metal.

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1947

		Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
<u>Metals</u>												
Antimony	lb.	...	...	...	...	...	...	...	1,150,463	...	...	1,150,463
	\$	...	...	...	...	...	...	...	384,255	...	...	384,255
Arsenic	lb.	...	...	787,736	...	...	...	...	...	...	...	787,736
	\$	...	...	49,348	...	...	...	...	...	...	...	49,348
Barium	lb.	...	...	...	568	...	...	...	...	...	...	568
	\$	...	...	...	1,278	...	...	...	...	...	...	1,278
Bismuth	lb.	...	...	15	...	...	...	...	284,357	...	...	284,372
	\$	...	...	30	...	...	...	...	560,183	...	...	560,213
Cadmium	lb.	...	...	...	...	75,030	97,866	...	545,638	...	...	718,534
	\$	...	...	...	...	129,052	168,330	...	938,497	...	...	1,235,879
Calcium	lb.	...	...	...	602,665	...	...	...	...	...	...	602,665
	\$	...	...	...	642,607	...	...	...	...	...	...	642,607
Chromite	ton	...	...	2,162	...	...	...	...	...	...	...	2,162
	\$	...	...	42,159	...	...	...	...	...	...	...	42,159
Cobalt	lb.	...	...	...	572,673	...	...	...	...	...	...	572,673
	\$	...	...	...	875,644	...	...	...	...	...	...	875,644
Copper	lb.	...	...	85,121,428	227,867,613	30,631,768	66,301,926	...	41,800,358	...	...	451,723,093
	\$	...	...	17,356,259	46,018,544	6,245,817	13,518,963	...	8,402,305	...	...	91,541,888
Gold	oz.	1,271	...	598,127	1,944,819	72,906	93,747	78	249,011	62,517	47,745	3,070,221
	\$	44,485	...	20,934,445	68,068,665	2,551,710	3,281,145	2,730	8,715,385	2,188,095	1,671,075	107,457,735
Iron ore	ton	...	...	...	1,919,366	...	...	...	...	...	...	1,919,366
	\$	...	...	...	9,313,201	...	...	...	...	...	...	9,313,201
Lead	lb.	...	...	8,175,577	282,765	...	...	...	313,733,089	...	1,145,256	323,336,687
	\$	...	...	1,117,601	38,654	...	...	...	42,887,313	...	156,556	44,200,124
Manganese ore	ton	...	225	...	...	...	...	...	...	...	...	225
	\$	...	7,875	...	...	...	...	...	...	...	...	7,875
Magnesium	...	...	...	(*)	...	...	...	...	...	...	...	(*)
Molybdenite	lb.	...	...	759,795	...	...	...	...	...	...	...	759,795
	\$	...	...	309,048	...	...	...	...	...	...	...	309,048
Nickel	lb.	...	...	...	237,251,496	...	...	...	...	...	...	237,251,496
	\$	...	...	...	70,650,764	...	...	...	...	...	...	70,650,764
Palladium, rhodium, etc.	oz.	...	...	...	110,332	...	...	...	...	...	...	110,332
	\$	...	...	...	4,387,740	...	...	...	...	...	...	4,387,740
Platinum	oz.	...	...	...	94,570	...	...	...	...	...	...	94,570
	\$	...	...	...	5,582,467	...	...	...	...	...	...	5,582,467
Pitchblende	...	...	...	...	...	...	...	...	...	...	...	...
Selenium	lb.	...	...	181,573	146,406	33,653	139,459	...	...	...	...	501,090
	\$	...	...	339,542	273,779	62,931	260,786	...	...	...	...	937,038
Silver	oz.	97	...	2,134,189	2,342,032	424,365	1,282,546	16	5,903,367	45,355	372,051	12,504,018
	\$	70	...	1,536,616	1,686,263	305,543	923,433	12	4,250,424	32,655	267,877	9,002,893
Tellurium	lb.	...	...	...	6,169	588	2,437	...	...	...	...	9,194
	\$	...	...	...	10,796	1,029	4,265	...	...	...	...	16,090
Tin	lb.	...	...	...	...	...	...	...	714,198	...	...	714,198
	\$	...	...	...	...	...	...	...	517,794	...	...	517,794
Titanium ore	ton	...	...	7,104	...	...	...	...	...	...	...	7,104
	\$	...	...	36,036	...	...	...	...	...	...	...	36,036
Tungsten (concentrates)	lb.	...	...	...	...	...	...	...	496,023	...	...	496,023
	\$	...	...	...	...	...	...	...	680,792	...	...	680,792
Zinc	lb.	...	...	69,462,925	...	27,753,131	65,503,602	...	253,006,168	...	...	415,725,826
	\$	...	...	7,800,686	...	3,116,677	7,356,054	...	28,412,593	...	...	46,686,010
Total Metals	\$	44,555	7,875	49,521,770	207,550,402	12,412,789	25,512,976	2,742	95,749,541	2,220,750	2,095,508	395,118,878
<u>Non-metallics</u>												
<u>Fuels</u>												
Coal	ton	4,118,196	345,194	...	...	...	1,571,147	8,070,430	1,763,899	...	...	15,868,866
	\$	27,175,251	2,301,511	...	...	...	2,928,812	36,439,158	8,630,285	...	...	77,475,017
Natural gas	M cu.ft.	...	489,810	...	7,785,921	...	274,193	44,106,643	...	...	...	52,656,567
	\$	...	279,790	...	5,334,991	...	68,891	7,745,886	...	...	...	13,429,558
Peat	ton	...	...	...	95	...	...	...	...	...	...	95
	\$	...	...	...	950	...	...	...	...	...	...	950
Petroleum, crude	bbbl.	...	23,129	...	151,295	...	640,117	6,770,477	...	227,474	...	7,692,492
	\$	...	32,381	...	350,000	...	614,156	18,078,907	...	500,238	...	19,575,682
Total Fuels	\$	27,175,251	2,613,682	...	5,685,941	...	3,611,859	62,263,951	8,630,285	500,238	...	110,481,207

Preliminary

101

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1947 (Concluded)

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA	
Other Non-metallics												
Asbestos	ton	...	661,821	...	...	...	...	...	...	...	661,821
	\$	...	33,005,748	...	...	...	...	...	...	...	33,005,748
Barite	ton	125,760	...	40	...	...	...	2,875	...	...	128,675
	\$	1,353,705	...	398	...	...	...	26,650	...	...	1,380,753
Diatomite	ton	44	...	...	...	...	...	59	...	...	103
	\$	1,205	...	...	...	...	...	1,472	...	...	2,677
Feldspar	ton	...	29,146	6,958	...	...	...	...	...	...	36,104
	\$	...	320,964	60,396	...	...	...	...	...	...	381,360
Fluorspar	ton	...	...	7,186	...	...	...	...	...	...	7,186
	\$	...	...	209,886	...	...	...	...	...	...	209,886
Garnet rock	ton	...	...	1	...	...	...	...	...	...	1
	\$	...	...	300	...	...	...	...	...	...	300
Graphite	ton	...	...	2,398	...	...	...	...	...	...	2,398
	\$	...	...	207,364	...	...	...	...	...	...	207,364
Grindstone	ton	...	335	...	...	...	...	...	...	...	335
	\$	...	21,475	...	...	...	...	...	...	...	21,475
Gypsum	ton	2,137,704	65,939	...	155,249	79,356	...	58,736	...	...	2,496,984
	\$	2,303,275	711,535	...	671,548	525,197	...	523,298	...	...	4,734,853
Iron oxides	ton	...	...	13,360	...	...	...	58	...	...	13,418
	\$	...	...	257,621	...	...	...	701	...	...	258,322
Magnesitic dolomite and brucite .....	\$	...	...	1,238,948(x)	...	...	...	...	...	...	1,238,948
Mica	lb.	...	3,272,293	3,238,462	...	...	...	1,808,000	...	...	8,318,755
	\$	...	120,712	55,951	...	...	...	24,240	...	...	200,903
Mineral water	gal.	...	...	195,452	3,500	...	...	...	...	...	198,952
	\$	...	...	116,840	600	...	...	...	...	...	117,440
Nepheline syenite	ton	...	...	13,995	...	...	...	...	...	...	13,995
	\$	...	...	167,667	...	...	...	...	...	...	167,667
Peat moss	lb.	5,054,700	42,584,930	16,499,450	3,690,870	...	...	92,208,046	...	...	160,037,996
	\$	60,943	383,795	170,443	76,291	...	...	1,588,349	...	...	2,279,821
Quartz	ton	9,146	226,050	1,442,341	...	124,322	...	34,569	...	...	1,836,428
	\$	55,393	638,521	949,210	...	43,513	...	109,975	...	...	1,796,612
Salt	ton	40,107	...	633,766	24,974	...	29,698	...	...	...	728,545
	\$	416,332	...	3,132,165	449,608	...	438,825	...	...	...	4,436,930
Silica brick	M	1,983	...	1,111	...	...	...	...	...	...	3,094
	\$	181,841	...	12,157	...	...	...	...	...	...	193,998
Soapstone and talc	ton	...	13,279	...	...	...	...	...	...	...	13,279
	\$	...	123,467	...	...	...	...	...	...	...	123,467
Sodium sulphate	ton	...	...	...	...	163,290	...	...	...	...	163,290
	\$	...	...	...	...	1,793,043	...	...	...	...	1,793,043
Sodium carbonate	ton	...	...	...	...	...	...	163	...	...	163
	\$	...	...	...	...	...	...	1,793	...	...	1,793
Sulphur	ton	...	48,688	15,931	...	...	...	157,162	...	...	221,781
	\$	...	187,112	159,310	...	...	...	1,476,445	...	...	1,822,867
Talc	ton	...	...	13,430	...	...	...	...	...	...	13,430
	\$	...	...	142,910	...	...	...	...	...	...	142,910
Total Other Non-metallics	\$	4,311,751	793,953	36,393,728	5,940,305	1,051,096	1,836,556	438,825	3,752,923	...	54,519,137	
Clay Products and Other Structural Materials												
Clay products	\$	752,126	381,184	4,257,423	5,289,528	392,518	495,016	1,771,250	1,147,144	...	14,486,189	
Cement	bbbl.	...	...	5,453,407	3,529,438	1,352,109	...	737,551	863,740	...	11,936,245
	\$	...	...	9,351,477	6,219,993	3,009,157	...	1,491,510	1,896,772	...	21,968,909
Lime	ton	...	20,938	349,038	490,681	40,597	...	25,733	50,626	...	977,413	
	\$	...	295,178	2,903,491	3,596,494	460,717	...	235,509	651,118	...	8,542,507
Sand and gravel	ton	2,966,680	3,464,347	16,537,303	20,230,499	1,765,976	2,131,705	2,058,142	7,634,917	...	56,789,569	
	\$	1,363,363	1,278,376	4,977,339	9,034,131	549,640	1,137,609	1,170,883	3,703,090	...	23,114,431	
Stone	ton	379,622	227,419	4,266,956	4,844,647	119,763	...	13,883	1,037,098	...	10,889,388	
	\$	608,514	442,695	7,846,407	5,506,909	360,876	...	57,600	1,241,748	...	16,464,749	
Total Clay Products and Other Structural Materials ..	\$	2,724,003	2,397,433	29,236,137	30,447,055	4,772,908	1,632,625	4,726,752	8,639,872	...	84,576,785	
GRAND TOTAL	\$	34,255,560	5,812,943	115,151,635	249,623,703	18,236,763	32,594,016	67,432,270	116,772,621	2,720,988	2,095,508	644,696,007

(*) Not available for publication.

(x) Includes magnesium metal.

Preliminary

- 7 -

ALUMINUM

Table 6 -

Year	Production of aluminum ingots in Canada	Consumption of aluminum ingots in Canada (Tons of 2,000 pounds)	Exports	
			Bars, ingots and blooms	Rods, sheets and circles
1940	109,144	18,197		86,536
1941	213,873	19,717		192,758
1942	340,596	32,700		314,483
1943	495,750	40,100		375,383
1944	462,065	38,400	295,227	3,124
1945	215,713	40,800	382,286	1,841
1946	193,400	33,875	187,336	2,449
1947	297,838	50,267	213,716	3,898
1948	372,500	65,764	285,714	4,661 (*)

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

(*) 1948 exports are for 10 months only.

ANTIMONY

Table 7 -

Year	Total Production in All Forms		Production refined metal Pounds	Imports Refined Metal or Regulus	
	Pounds	\$		Pounds	\$
1940	2,594,492	396,468	2,549,792	236,071	21,521
1941	3,185,077	445,911	3,169,785	2,240	423
1942	3,041,108	516,988	3,041,030	100	21
1943	1,114,166	189,408	1,114,166	240,700	38,755
1944	1,937,933	281,000	1,937,933	1,558,198	237,334
1945	1,667,951	290,557	256,970	1,034,792	172,253
1946	642,145	96,322	...	1,861,962	374,066
1947	1,150,463	384,255	...	2,880,513	807,307
1948	298,000	108,770	...	797,337	268,184 (*)

(*) 1948 imports are for 10 months only.

ARSENIC

Table 8 -

Year	Production (Crude and Refined)(*)		Exports (Crude and Refined)(*)	
	Pounds	\$	Pounds	\$
1940	2,093,275	62,798	1,127,100	33,362
1941	3,538,000	153,195	3,937,700	126,616
1942	7,853,123	580,893	8,049,500	212,375
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	1,157,000	79,600	170,800	6,582 (x)

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

(x) 1948 exports are for 10 months only.

BISMUTH

Table 9 -

Year	Total Production in All Forms		Production Refined Metal Pounds	Imports Refined Metal	
	Pounds	\$		Pounds	\$
1940	58,529	81,004	40,700	5	11
1941	7,511	10,396	...	100	149
1942	347,556	479,627	318,888	5	11
1943	407,597	562,484	407,596	...	...
1944	123,875	154,844	123,876	...	...
1945	189,815	260,047	189,815	5	11
1946	240,504	336,706	234,020	6	11
1947	284,372	560,213	284,357	3,984	9,009
1948	240,603	481,206	222,000	166,770	88,981 (*)

(*) 1948 imports are for 10 months only.

CADMIUM

Table 10 -

Year	Production in All Forms		Exports Refined Metal	
	Pounds	\$	Pounds	\$
1940	908,127	1,056,152	798,710	879,711
1941	1,251,291	1,469,016	910,329	946,921
1942	1,148,963	1,355,776	800,710	855,618
1943	786,611	904,602	572,215	626,379
1944	526,970	579,667	383,324	412,332
1945	646,064	639,603	350,744	385,369
1946	802,648	979,230	573,368	694,254
1947	718,534	1,235,879	622,891	1,370,233
1948	763,000	1,392,476	527,185	1,230,355 (*)

(*) 1948 exports are for 10 months only.

CHROMITE

Table 11 -

Year	Production Chrome Ore		Imports Chrome Ore	
	Tons	\$	Tons	\$
1940	335	5,780	29,936	554,413
1941	2,372	42,679	92,952	1,460,209
1942	11,456	343,568	87,628	1,271,482
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	1,650	32,430	55,313	1,550,714 (*)

(*) 1948 imports are for 10 months only.

COBALT

Table 12 -

Year	Total Production in All Forms		Imports Cobalt Ore		Exports			
	Pounds	\$	Tons	\$	Cobalt Contained in Ores		Metallic Cobalt	
					Pounds	\$	Pounds	\$
1940	794,359	1,235,220	1,960	1,164,616	478,100	387,642	355,227	438,728
1941	263,257	255,904	1,300	1,543,086	279,700	281,385	1,021,132	1,526,911
1942	83,871	88,444	1,668	1,485,370	161,700	97,266	943,632	1,471,024
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	2,329,800	2,720,830	424	64,857	860,100	633,118	19,850	39,055

NOTE: 1948 imports and exports are for 10 months only.

A large portion of 1948 cobalt production is shipments from stockpiles of ores which were mined in earlier years.

COPPER

Table 13 - PRODUCTION OF PRIMARY COPPER IN ALL FORMS

Year	Quebec		Ontario		Manitoba	
	Tons	\$	Tons	\$	Tons	\$
1940	67,083	13,532,079	173,965	34,742,229	37,634	7,591,524
1941	76,892	14,502,052	166,915	33,192,644	33,509	6,759,492
1942	70,456	14,212,372	154,141	30,625,404	23,798	4,800,491
1943	65,582	15,411,744	138,920	32,232,027	19,007	4,466,747
1944	54,027	12,966,620	142,654	33,845,632	21,939	5,265,437
1945	51,342	12,886,976	119,726	29,771,633	20,563	5,161,332
1946	34,899	8,934,105	89,712	22,502,528	19,250	4,928,134
1947	42,561	17,356,259	113,934	46,018,544	15,316	6,245,817
1948	48,349	21,611,958	118,795	53,007,463	19,403	8,673,141
	Saskatchewan		British Columbia		Northwest Territories	
1940	10,243	2,066,112	38,872	7,841,117	...	...
1941	16,162	3,260,250	33,163	6,689,758	17	3,301
1942	28,391	5,726,979	25,008	5,044,565	37	7,561
1943	42,924	10,098,974	21,112	4,961,109	...	...
1944	36,757	8,821,740	18,152	4,356,315	6	1,428
1945	32,950	8,270,538	12,876	3,231,782	...	...
1946	31,356	8,027,258	8,750	2,240,068	...	...
1947	33,151	13,518,963	20,900	8,402,305	...	...
1948	31,479	14,070,890	21,854	9,748,217	...	...
	C A N A D A					
1940	327,797	65,773,061				
1941	321,658	64,407,497				
1942	301,831	60,417,372				
1943	287,595	67,170,601				
1944	273,535	65,257,172				
1945	237,457	59,322,261				
1946	183,968	46,632,093				
1947	225,862	91,541,888				
1948	239,880	107,111,669				

COPPER

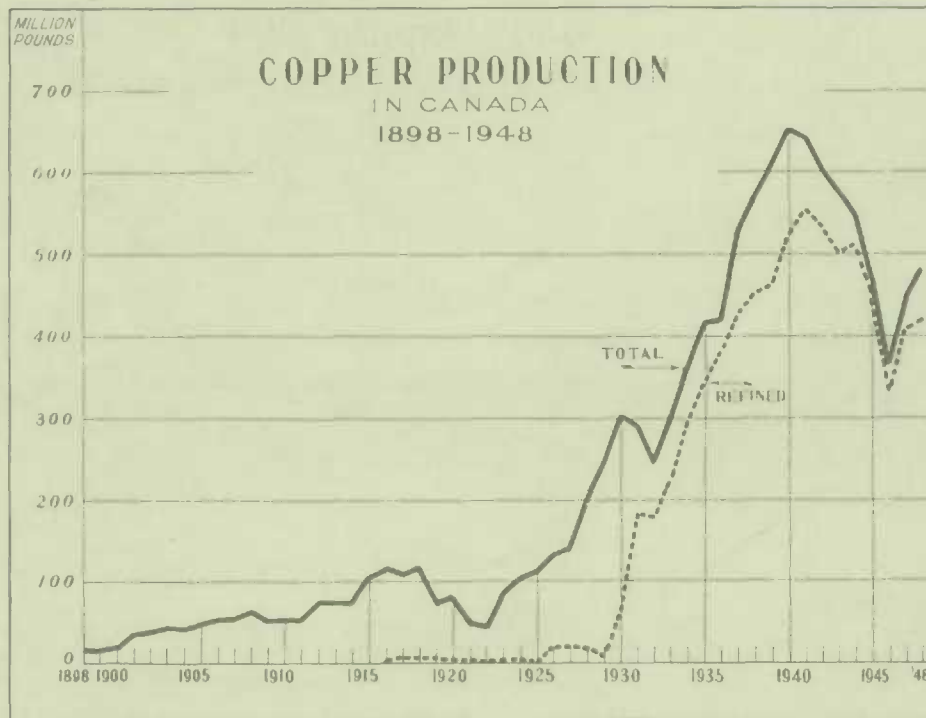


Table 14 - PRODUCTION OF REFINED COPPER

Year	Tons	Year	Tons
1940	261,878	1945	228,861
1941	278,224	1946	167,221
1942	268,447	1947	203,505
1943	251,495	1948	210,000
1944	256,244		

Table 15 - EXPORTS OF PRIMARY COPPER

Year	Blister Copper		Copper Contained in Ore, Matte, etc.		Copper in Ingots, Bars, Cakes, Slabs and Billets	
	Tons	\$	Tons	\$	Tons	\$
1940	15,823	2,986,737	52,601	7,364,182	154,502	31,368,792
1941	11,962	2,392,505	47,769	6,687,709	126,424	25,352,157
1942	6,455	1,290,939	34,047	4,766,438	98,617	19,490,785
1943	4,274	846,896	36,210	5,069,358	64,333	12,731,158
1944 .....	...	...	27,994	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 (10 months)	...	...	23,587	7,547,984	96,359	41,762,347

G O L D

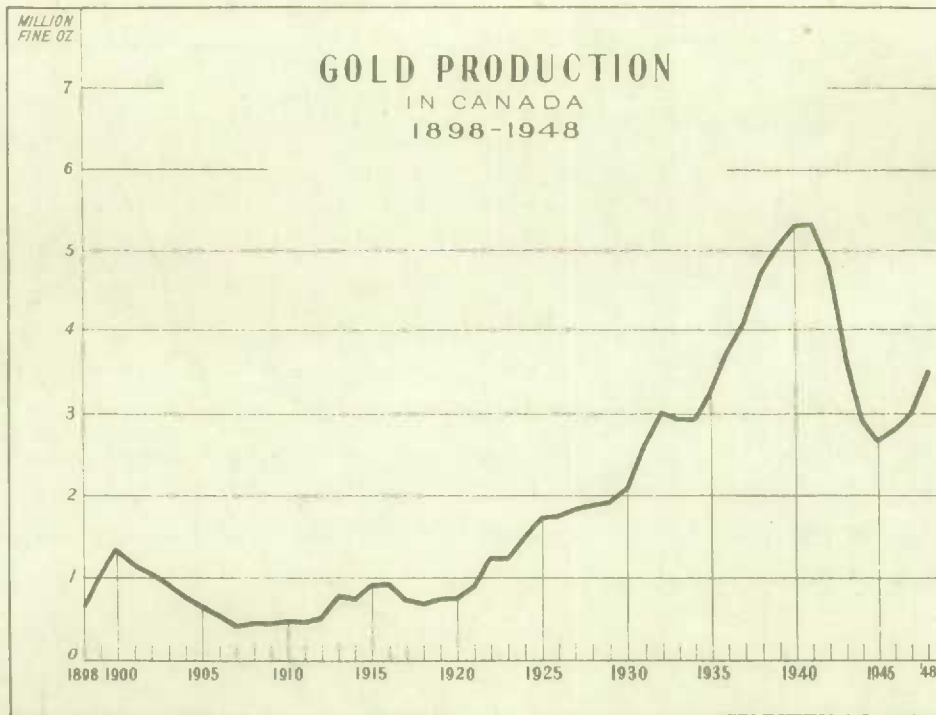


Table 16 -

Year	Production		Year	Production	
	Fine ounces	\$		Fine ounces	\$
1940	5,311,145	204,479,083	1945	2,696,727	103,823,990
1941	5,345,179	205,789,392	1946	2,832,554	104,096,359
1942	4,841,306	186,390,281	1947	3,070,221	107,457,735
1943	3,651,301	140,575,088	1948	3,495,403	122,339,105
1944	2,922,911	112,532,073			

Table 17 - GOLD PRODUCTION BY PROVINCES

	1947		1948	
	Fine ounces	\$	Fine ounces	\$
Nova Scotia	1,271	44,485	192	6,720
Quebec -				
Gold mines	488,547	17,099,145	599,174	20,971,090
Base metal mines	109,580	3,835,300	166,660	5,833,100
Total Quebec	598,127	20,934,445	765,834	26,804,190
Ontario -				
Gold mines: Porcupine	937,415	32,809,525	991,125	34,689,375
Kirkland Lake	438,936	15,362,760	444,925	15,572,375
Larder Lake	188,158	6,585,530	200,241	7,008,435
Matachewan	52,175	1,826,125	48,208	1,687,280
Sudbury	4,778	167,230	24,166	845,810
Algoma	24	840	...	...
Thunder Bay	117,613	4,116,455	110,605	3,871,175
Patricia	161,994	5,669,790	212,500	7,437,500
Other mines	43,726	1,530,410	37,208	1,302,280
Total Ontario	1,944,819	68,068,665	2,068,978	72,414,230

Table 17 - GOLD PRODUCTION BY PROVINCES, 1947 and 1948 (Concluded)

	1947		1948	
	Fine ounces	\$	Fine ounces	\$
Manitoba -				
Gold mines	42,325	1,481,375	61,588	2,155,580
Other mines	30,581	1,070,335	47,766	1,671,810
Total Manitoba	72,906	2,551,710	109,354	3,827,390
Saskatchewan -				
Gold mines	4	140	3	105
Other mines	93,743	3,281,005	90,000	3,150,000
Total Saskatchewan	93,747	3,281,145	90,003	3,150,105
Alberta (placer)	78	2,730	35	1,225
British Columbia -				
Gold mines (lode)	223,804	7,833,140	271,016	9,485,560
Gold mines (placer)	5,732	200,620	18,185	636,475
Other mines	19,475	681,625	19,593	685,755
Total British Columbia	249,011	8,715,385	308,794	10,807,790
Northwest Territories -				
Gold mines	62,517	2,188,095	98,553	3,449,355
Yukon (chiefly placer)	47,745	1,671,075	53,660	1,878,100
TOTAL CANADA	3,070,221	107,457,735	3,495,403	122,339,105

IRON ORE

Table 18 -

Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
1940	414,603	1,211,305	2,418,237	5,513,215	251,626	923,859
1941	516,037	1,426,057	3,254,655	7,134,765	282,068	1,040,155
1942	545,306	1,517,077	2,701,968	6,230,197	295,960	1,055,861
1943	641,294	2,032,240	3,906,425	9,056,389	374,677	1,450,985
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	1,354,069	6,310,843	3,567,473	12,760,749	839,447	4,177,413

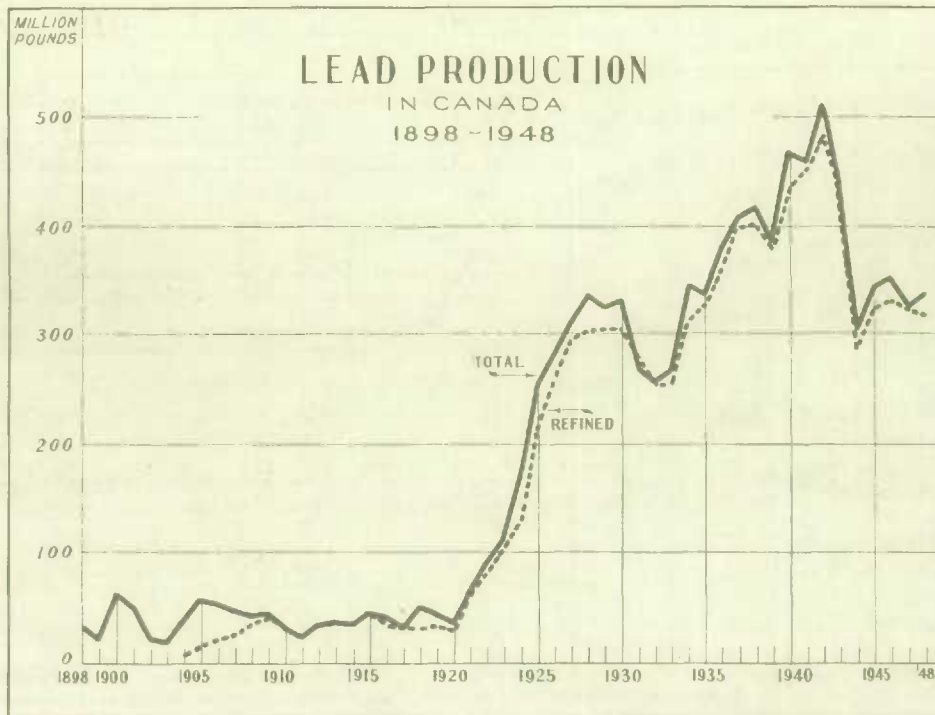
Note: 1948 imports and exports are for 10 months only.

LEAD

Table 19 -

Year	Production Primary		Production Refined Lead	Exports			
	Lead in All Forms			Lead Contained in Ore		Pig Lead	
	Tons	\$	Tons	Tons	\$	Tons	\$
1940	235,925	15,863,605	220,087	9,170	462,159	151,546	9,028,165
1941	230,083	15,470,815	228,027	6,617	440,778	184,284	13,083,523
1942	256,071	17,218,233	243,306	5,929	409,193	210,782	15,243,454
1943	222,030	16,670,041	223,871	5,735	425,306	154,348	9,222,104
1944	152,291	13,706,199	142,581	9,500	650,433	102,880	6,394,550
1945	173,497	17,349,723	162,537	7,834	573,690	107,292	8,603,049
1946	176,987	23,893,230	165,744	6,007	736,933	104,109	15,977,709
1947	161,668	44,200,124	162,000	6,726	1,601,583	124,965	29,098,727
1948	168,318	60,729,144	158,000	5,220	1,428,007	82,202	24,380,248

Note: 1948 exports are for 10 months only.



MAGNESIUM

Table 20 -

Year	Production Refined Magnesium	
	Pounds	\$
1941	10,905	2,944
1942	808,718	355,836
1943	7,153,974	2,074,652
1944	10,579,778	2,575,695
1945	7,358,545	1,607,264
1946	320,677	75,538
1947	Not available	
1948	for publication	

MANGANESE ORE

Table 21 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	152	4,315	70,460	777,416
1941	(*)	(*)	104,474	1,170,768
1942	435	8,932	57,389	860,248
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	250	8,000	210,616	5,837,602 (x)

(*) 7,500 pounds of manganese metal produced at a mine in Nova Scotia from local manganese ore.
 (x) 1948 imports are for 10 months only.

MERCURY

Table 22 -

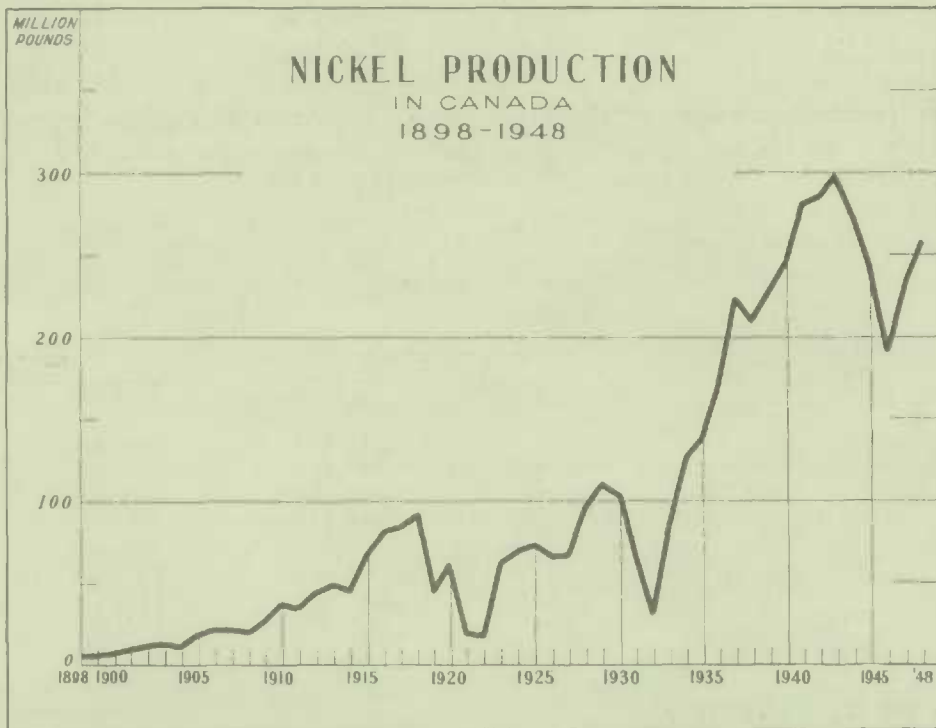
Year	Production		Imports	
	Pounds	\$	Pounds	\$
1940	153,830	369,317	78,597	202,106
1941	536,304	1,335,697	8,599	24,241
1942	1,035,914	2,943,807	1,971	6,378
1943	1,690,240	4,559,200	2,047	6,981
1944	735,908	1,210,375	35,425	44,171
1945 .....	...	...	27,101	32,924
1946 .....	...	...	152,719	165,431
1947 .....	...	...	412,649	400,156
1948 .....	...	...	688,784	510,610 (x)

(x) 1948 imports are for 10 months only.

MOLYBDENITE

Table 23 -

Year	Concentrates Shipped		Year	Concentrates Shipped	
	Tons	\$		Tons	\$
1940	11.1	10,280	1945	489.0	411,663
1941	98.3	88,470	1946	318.2	295,640
1942	114.0	134,963	1947	379.9	309,048
1943	392.3	549,515	1948	145.6	131,018
1944	1063.7	1,079,698			



NICKEL

Table 24 -

Year	Exports					
	Production Primary Nickel in All Forms		Nickel Contained in Matte or Speiss		Refined Nickel	
	Tons	\$	Tons	\$	Tons	\$
1940	122,779	59,822,591	38,484	13,854,142	82,168	45,513,150
1941	141,129	68,656,795	42,616	15,331,760	87,739	49,002,172
1942	142,606	69,998,427	41,263	14,854,626	88,308	49,294,531
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	128,871	85,615,175	39,628	18,957,642	60,914	37,116,566

Note: 1948 exports are for 10 months only.

METALS OF THE PLATINUM GROUP

Table 25 -

Year	Production (*)			
	Platinum		Palladium, rhodium, iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
1940	108,488	4,240,362	91,522	3,520,746
1941	124,317	4,750,153	97,432	3,396,304
1942	258,228	10,898,561	222,573	8,279,221
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	116,578	10,200,575	143,822	5,975,194

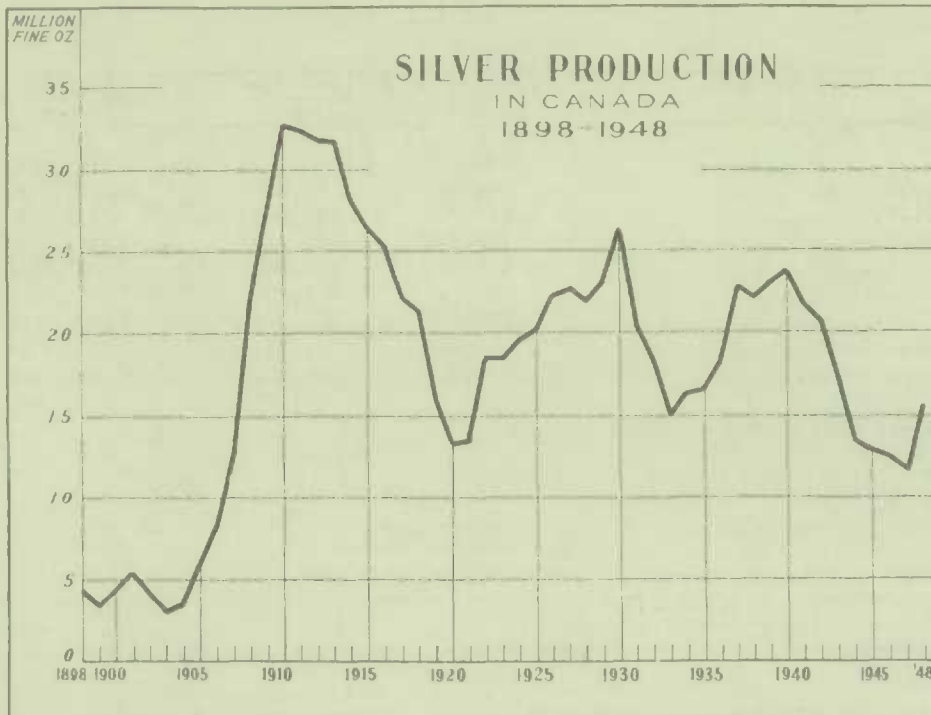
(*) From 1945 the figures represent the metal content of concentrates produced from nickel-copper ores. For earlier years the figures refer to refined metals recovered and the contents of concentrates sold. 1945 includes an accumulated revision of previous years.

SELENIUM

Table 26 -

Year	Production		Exports	
	Pounds	\$	Pounds	\$
1940	179,860	343,533	259,419	405,129
1941	406,930	777,236	336,329	540,080
1942	495,369	951,108	225,127	373,101
1943	374,013	654,523	211,530	380,493
1944	298,592	537,466	250,404	445,768
1945	379,187	728,039	350,744	385,369
1946	521,867	949,798	723,490	1,261,205
1947	501,090	937,038	673,588	1,131,013
1948	327,500	655,000	340,154	636,310 (*)

(*) 1948 exports are for 10 months only.



SILVER

Table 27 -

Year	Production Primary Silver in All Forms		Production Silver Bullion Fine ounces	Exports			
	Fine ounces	\$		Silver Contained in Ore, Concentrates, etc.		Silver Bullion	
				Fine ounces	\$	Fine ounces	\$
1940 ...	23,833,752	9,116,172	Not available	5,633,106	2,052,298	13,612,952	5,113,206
1941 ...	21,754,408	8,323,454	17,391,104	4,069,487	1,513,388	13,165,833	5,072,055
1942 ...	20,695,101	8,726,296	15,868,821	3,534,947	1,487,045	10,645,539	4,465,595
1943 ...	17,344,569	7,849,111	12,019,567	2,253,018	1,040,297	9,198,617	4,517,756
1944 ...	13,627,109	5,859,656	10,890,402	2,389,739	1,170,475	3,577,243	1,762,944
1945 ...	12,942,906	6,083,166	10,774,693	2,232,405	1,153,796	2,723,698	1,443,814
1946 ...	12,544,100	10,493,139	10,196,340	1,863,817	1,429,083	2,316,689	2,061,338
1947 ...	12,504,018	9,002,893	12,250,000	2,722,261	1,998,464	7,514,373	5,429,335
1948 ...	15,642,149	11,731,613		2,860,799	2,114,219	4,554,616	3,391,782

Note: 1948 exports are for 10 months only.

TELLURIUM

Table 28 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1940	3,491	5,607	1945	484	929
1941	11,453	18,394	1946	15,848	24,405
1942	11,084	17,735	1947	9,194	16,090
1943	8,600	15,050	1948	32,100	56,175
1944	10,661	18,657			

T I N

Table 29 -

Year	Production Refined Tin		Imports in Blocks, Pigs	
	Pounds	\$	Pounds	\$
1940 .....	...	...	11,837,800	6,235,268
1941	64,744	33,667	17,438,100	9,652,288
1942	1,237,863	643,689	7,205,100	4,166,714
1943	776,937	450,623	2,631,100	1,504,438
1944	516,626	299,643	2,682,300	1,767,779
1945	849,983	492,990	7,195,000	4,983,234
1946	874,186	507,028	8,402,000	5,977,344
1947	714,198	517,794	8,872,300	6,677,436
1948	691,330	688,565	6,314,100	6,122,933 (*)

(*) 1948 imports are for 10 months only.

TITANIUM ORE

Table 30 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	4,535	24,510	1945	14,147	67,575
1941	12,651	49,110	1946	1,406	7,735
1942	10,031	50,906	1947	7,104	36,036
1943	69,437	308,290	1948 .....	...	...
1944	33,973	165,195			

TUNGSTEN

Table 31 -

Year	Production Tungsten Concentrates		Imports Tungsten-bearing Ores	
	Pounds	\$	Pounds	\$
1940	12,002	7,303		
1941	82,846	38,712	Not available	
1942	520,981	406,275	1,157,800	1,071,605
1943	1,508,621	1,083,538	121,300	98,412
1944	886,745	245,780	...	...
1945	1,153	1,045	3,900	3,362
1946 .....	...	...	2,000	1,131
1947	496,023	680,792	97,500	75,811
1948	962,000	962,000	111,400	91,762 (*)

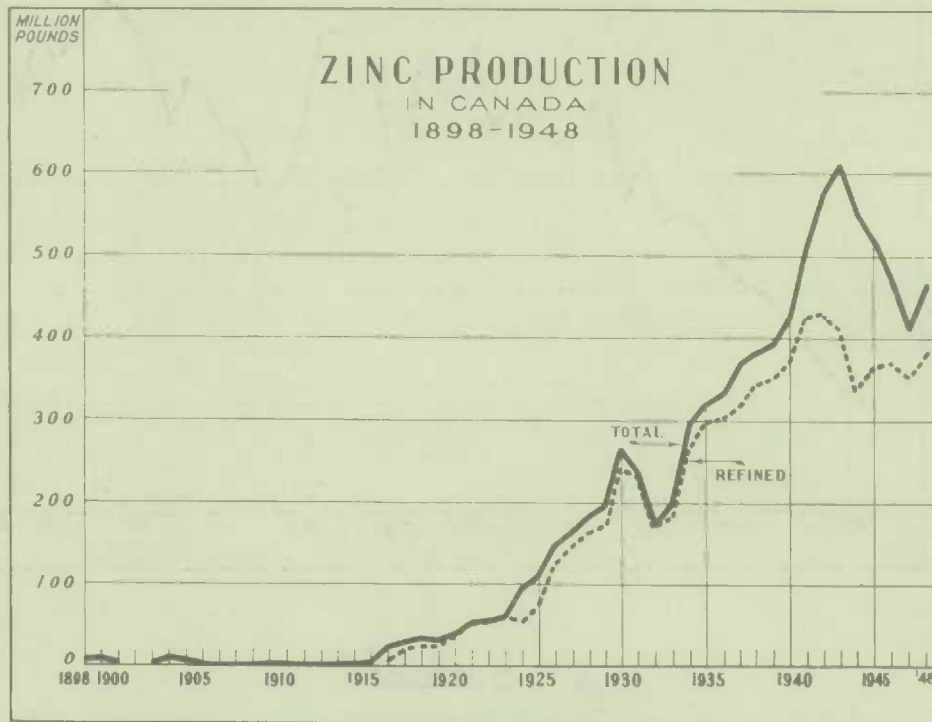
(*) 1948 imports are for 10 months only.

Z I N C

Table 32 -

Year	Production Primary Zinc in All Forms		Production Refined Zinc Tons	Exports			
	Tons	\$		Zinc Contained in Ore		Refined Zinc	
				Tons	\$	Tons	\$
1940	212,014	14,463,624	185,722	33,511	780,852	167,073	11,133,824
1941	256,191	17,477,337	213,608	55,279	2,326,109	141,086	9,876,787
1942	290,129	19,792,579	215,795	76,114	4,070,803	152,158	10,783,049
1943	305,377	24,430,174	206,510	111,275	6,097,117	129,315	10,260,030
1944	275,412	23,685,405	168,518	113,303	7,046,844	95,985	7,666,731
1945	258,607	33,308,556	182,266	91,780	5,540,384	121,960	14,122,706
1946	235,310	36,755,450	185,683	58,200	3,181,120	144,896	24,174,704
1947	207,863	46,686,010	178,264	40,575	2,916,649	137,228	26,661,360
1948	232,095	64,661,547	192,500	44,014	3,617,201	119,385	29,236,204

Note: 1948 exports are for 10 months only.



F U E L S

COAL

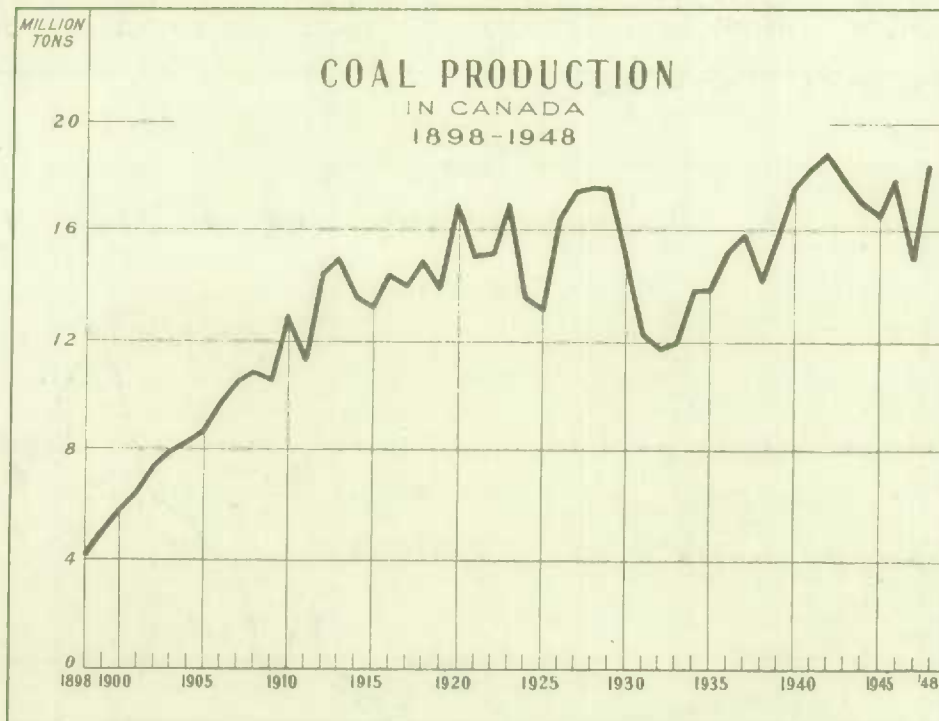
Table 33 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1940	17,566,884	54,675,844	17,426,734	49,630,132	504,898	2,361,551
1941	18,225,921	58,059,630	20,388,393	61,588,041	531,449	2,596,626
1942	18,865,030	62,897,581	24,937,347	81,851,219	815,585	4,278,345
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	121,703,641	862,489	5,946,224
1947	15,868,866	77,475,017	28,891,930	138,949,785	714,549	5,440,788
1948	18,431,250	107,298,757	25,871,348	153,658,993	963,151	8,363,845

Note: 1948 imports and exports are for 10 months only.

Table 34 - COAL PRODUCTION, BY PROVINCES, 1947 and 1948

Province	1947		1948	
	Tons	\$	Tons	\$
Nova Scotia	4,118,196	27,175,251	6,435,700	47,993,738
New Brunswick	345,194	2,301,511	513,722	3,717,226
Saskatchewan	1,571,147	2,928,812	1,560,630	3,036,003
Alberta	8,070,430	36,439,158	8,127,621	42,141,743
British Columbia	1,763,899	8,630,285	1,792,472	10,393,847
Yukon .....	...	...	1,535	16,200
CANADA	15,868,866	77,475,017	18,431,250	107,298,757



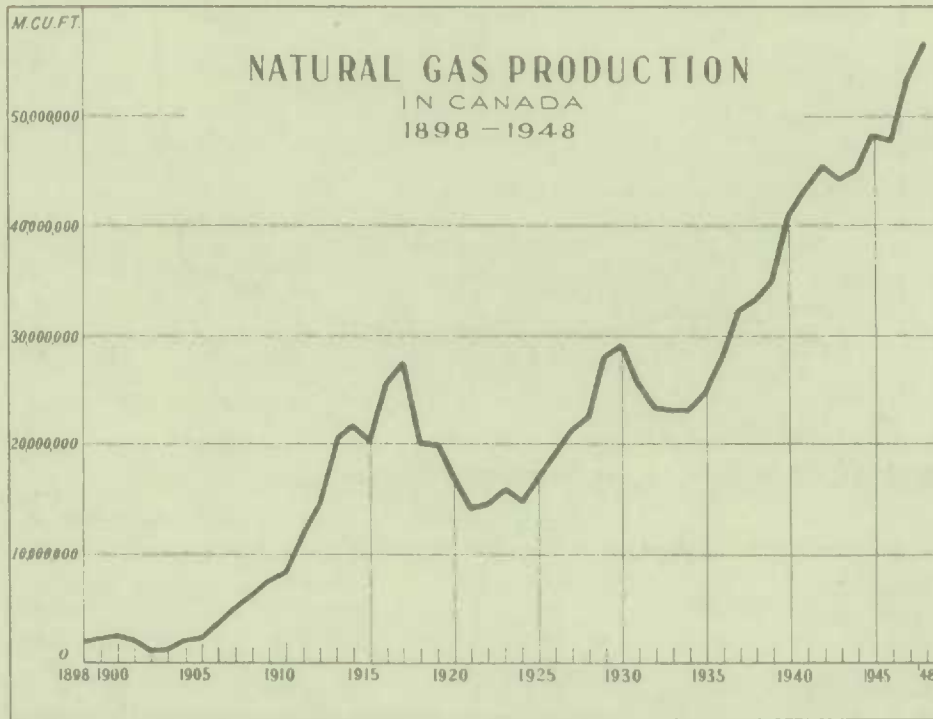
NATURAL GAS

Table 35 -

Year	Production		Year	Production	
	M cu.ft.	\$		M cu.ft.	\$
1940	41,232,125	13,000,593	1945	48,411,585	12,309,564
1941	43,495,353	12,665,116	1946	47,900,484	12,165,050
1942	45,697,359	13,301,655	1947	52,656,567	13,429,558
1943	44,198,005	11,813,629	1948	56,636,951	14,608,689
1944	45,067,158	11,422,541			

Table 36 - NATURAL GAS PRODUCTION, BY PROVINCES, 1947 and 1948

Province	1947		1948	
	M cu.ft.	\$	M cu.ft.	\$
New Brunswick	489,810	279,790	416,826	237,590
Ontario	7,785,921	5,334,991	9,032,913	6,142,380
Saskatchewan	274,193	68,891	387,212	38,719
Alberta	44,106,643	7,745,886	46,800,000	8,190,000
CANADA	52,656,567	13,429,558	56,636,951	14,608,689



CRUDE PETROLEUM

Table 37 -

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
1940	8,590,978	11,160,213	1945	8,482,796	13,632,248
1941	10,133,838	14,415,096	1946	7,585,555	14,989,052
1942	10,364,796	15,968,851	1947	7,692,492	19,575,682
1943	10,052,302	16,470,417	1948	12,098,166	36,858,959
1944	10,099,404	15,429,900			

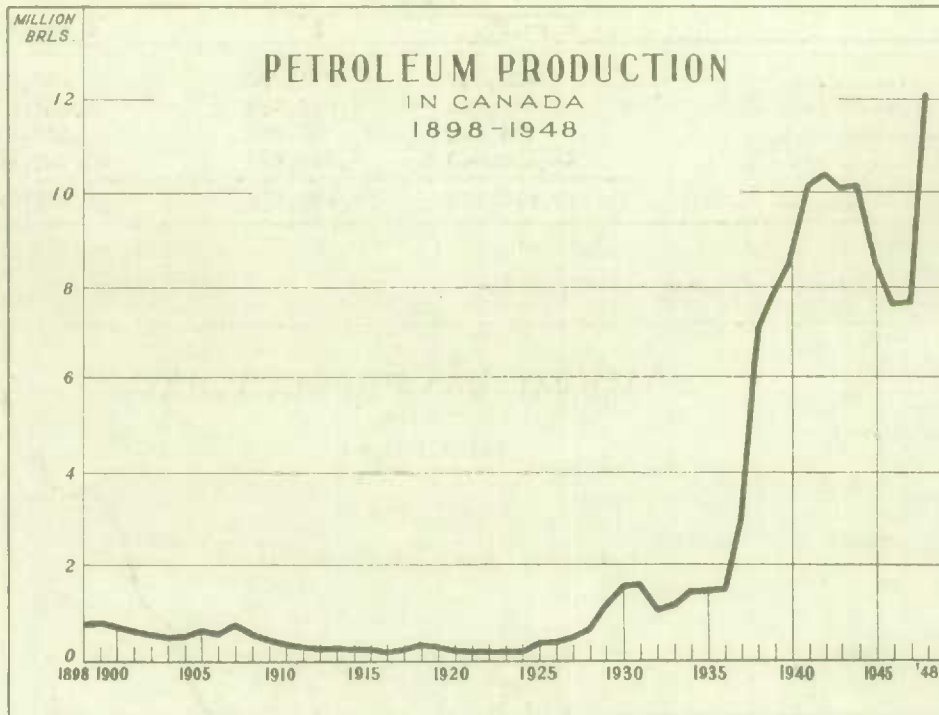


Table 38 - CRUDE PETROLEUM PRODUCTION, BY PROVINCES, 1947 and 1948

Province	1947		1948	
	Barrels	\$	Barrels	\$
New Brunswick	23,129	32,381	20,823	31,235
Ontario	131,295	350,000	174,290	463,611
Saskatchewan	540,117	614,156	865,715	995,570
Alberta	6,770,477	18,078,907	10,660,000	34,538,400
Northwest Territories	227,474	500,238	377,338	830,143
TOTAL	7,692,492	19,575,682	12,098,166	36,858,959

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

CLAY PRODUCTS

Table 39 -

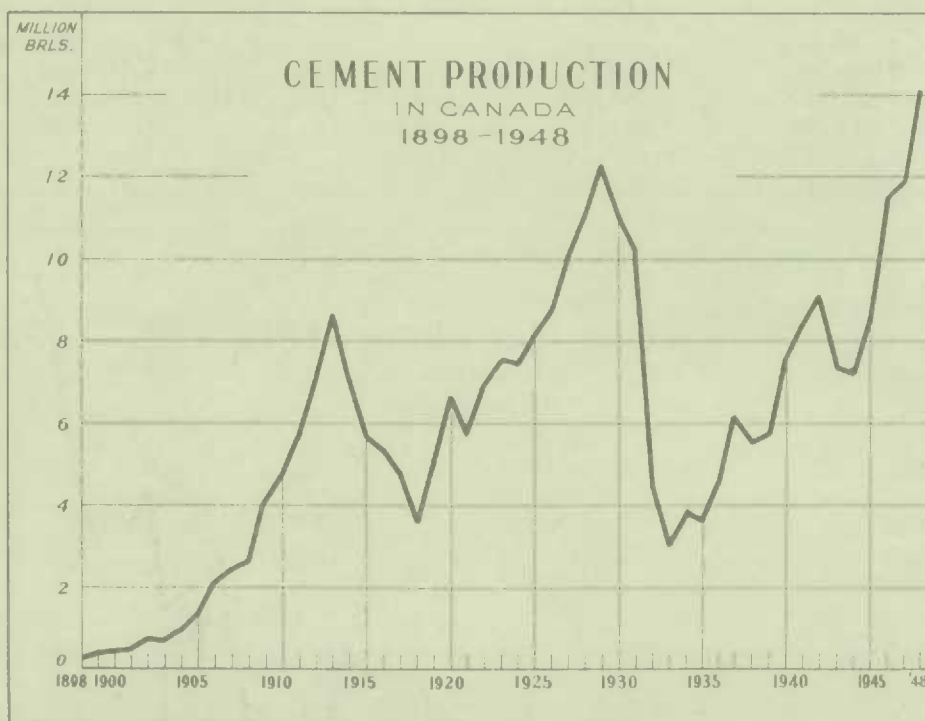
Year	Production	Year	Production
	\$		\$
1940	6,344,547	1945	8,913,092
1941	7,575,336	1946	12,207,367
1942	7,081,723	1947	14,486,189
1943	6,608,193	1948	17,350,069
1944	6,997,425		

CEMENT

Table 40 -

Year	Production		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
1940	7,559,648	11,775,345	13,213	69,821	299,975	414,442
1941	8,368,711	13,063,588	11,986	59,162	310,873	517,762
1942	9,126,041	14,365,237	26,320	116,126	273,880	476,284
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	114,302	236,276
1947	11,936,245	21,968,909	1,248,625	3,843,652	88,030	198,354
1948	14,111,546	27,897,457	911,122	3,310,303	65,757	181,643

Note: 1948 imports and exports are for 10 months only.



L I M E

Table 41 -

Year	Production					
	Quicklime		Hydrated Lime		TOTAL	
	Tons	\$	Tons	\$	Tons	\$
1940	623,803	4,421,758	92,927	772,797	716,730	5,194,555
1941	723,864	5,287,711	137,021	1,070,230	860,885	6,357,941
1942	749,282	5,646,049	135,548	884,790	884,830	6,550,839
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			Not available		1,050,841	9,665,198

SAND AND GRAVEL

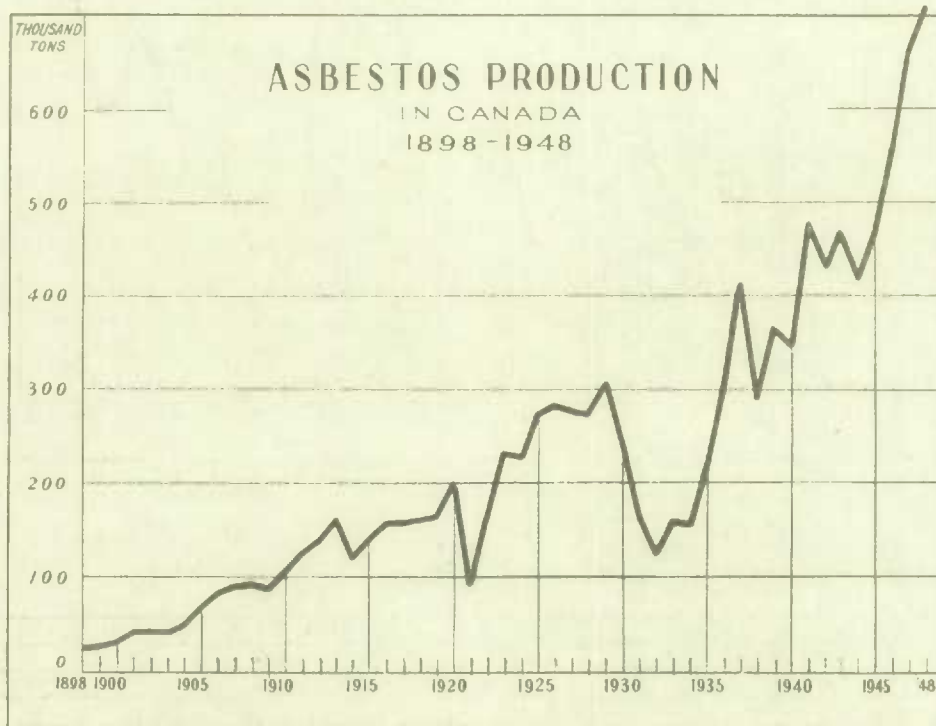
Table 42 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	31,575,415	11,759,245	1945	29,750,703	10,568,363
1941	31,604,806	10,375,723	1946	39,949,994	15,529,700
1942	26,349,907	9,005,414	1947	56,789,569	23,114,431
1943	25,744,469	9,005,857	1948	64,252,068	26,785,638
1944	28,399,986	10,280,119			

STONE

Table 43 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	7,447,665	7,398,959	1945	6,205,555	8,166,700
1941	7,940,801	8,000,684	1946	8,056,260	11,185,711
1942	7,978,066	8,746,594	1947	10,889,388	16,464,749
1943	7,222,950	7,964,179	1948	11,451,449	17,080,999
1944	5,994,992	7,159,177			



ASBESTOS

Table 44 -

Year	Production		Exports		
	Tons	\$	Crude Tons	Milled Fibres Tons	Waste, Refuse or Shorts Tons
	1940	346,805	15,619,865	2,082	179,564	154,929
1941	477,846	21,468,840	2,757	217,498	233,654
1942	439,459	22,663,283	2,796	198,452	226,209
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	707,843	41,318,118	711	190,734	372,341

Note: 1948 exports are for 10 months only.

BARITE

Table 45 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1940	338	4,819	2,622	64,922
1941	6,890	74,416	3,431	81,620
1942	19,667	188,144	2,536	68,196
1943	24,474	279,253	1,686	43,239
1944	114,387	1,052,045	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	95,470	1,075,679	1,083	33,505 (*)

(*) 1948 imports are for 10 months only.

FELDSPAR

Table 46 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1940	21,455	187,623	790	14,334	14,255	95,846
1941	26,040	244,284	756	12,866	12,926	86,867
1942	22,270	213,941	563	12,021	564	12,087
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	50,279	460,947	196	4,347	26,408	188,290

Note: 1948 imports and exports are for 10 months only.

FLUORSPAR

Table 47 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	4,454	59,317	30,316	628,719
1941	5,534	97,767	26,539	567,656
1942	6,199	148,039	47,784	1,046,528
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	51,813	737,094
1947	7,186	209,886	32,001	702,419
1948	10,534	324,032	42,802	968,132 (*)

(*) 1948 imports are for 10 months only.

GRAPHITE

Table 48 -

Year	Production		Imports			Exports
	Tons	\$	Plumbago, not ground or otherwise manufactured	Crucibles plumbago	Plumbago, ground and manufactures of, n.o.p.	\$
1940 .....	...	94,038	24,380	131,200	179,677	75,947
1941 .....	...	132,924	44,242	209,586	213,359	77,586
1942 .....	...	117,904	39,361	340,761	273,301	58,572
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	2,580	241,370	69,184	92,406	267,583	158,516

Note: 1948 imports and exports are for 10 months only.

GYPSUM

Table 49 -

Year	Production		Exports Crude Gypsum	
	Tons	\$	Tons	\$
1940	1,448,788	2,065,933	1,312,005	1,347,332
1941	1,593,406	2,248,428	1,165,726	1,186,167
1942	566,166	1,254,182	489,842	544,094
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	3,219,469	5,583,921	2,256,806	2,335,574 (*)

(*) 1948 exports are for 10 months only.

IRON OXIDES

Table 50 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	9,979	111,874	1945	10,314	172,053
1941	10,045	142,069	1946	12,695	152,268
1942	9,304	151,653	1947	13,418	258,322
1943	8,401	135,893	1948	12,620	187,279
1944	8,599	150,250			

MAGNETIC-DOLOMITE AND BRUCITE

Table 51 -

Year	Production	Imports Dead-burned,		Exports Dead-burned	
	Magnetite-dolomite and Brucite	Sintered and Calcined Magnesite		Refractories	
	\$	Tons	\$	Tons	\$
1940	897,016	1,597	102,754	12,826	333,958
1941	831,041	4,804	278,061	1,548	45,399
1942	1,059,374	6,463	308,921	537	25,108
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	1,722,341 (*)	6,923	519,247	3,551	157,218

(*) Includes metallic magnesium.

Note: 1948 imports and exports are for 10 months only.

M I C A

Table 52 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1940	1,806,219	237,145	1945	7,044,221	253,270
1941	3,487,891	335,288	1946	8,720,669	199,039
1942	6,019,671	383,567	1947	8,318,755	200,903
1943	8,050,692	553,856	1948	4,583,640	176,438
1944	6,684,846	841,026			

MINERAL WATERS

Table 53 -

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
1940	140,663	20,892	1945	244,761	126,499
1941	181,064	72,531	1946	217,842	122,404
1942	157,085	74,505	1947	198,952	117,440
1943	139,611	67,541	1948	203,500	120,600
1944	156,150	79,031			

NEPHELINE SYENITE

Table 54 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1940	20,510	117,849	23,812	111,357
1941	39,707	227,583	29,385	109,936
1942	42,206	246,893	32,840	89,520
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	13,995	167,667	52,198	188,352
1948	80,901	427,208	50,291	262,832 (*)

(*) 1948 exports are for 10 months only.

PEAT MOSS

Table 55 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1940 .....	...	...
1941	27,803	644,253		
1942	53,506	1,069,372		
1943	64,360	1,461,422		
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	74,253	2,314,467	66,788	2,509,564 (*)

(*) 1948 exports are for 10 months only.

PHOSPHATE ROCK

Table 56 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	358	4,039	165,858	663,554
1941	2,487	33,376	237,029	863,833
1942	1,264	17,431	271,373	1,053,229
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 .....	...	...	411,208	2,485,271 (*)

(*) 1948 imports are for 10 months only.

QUARTZ

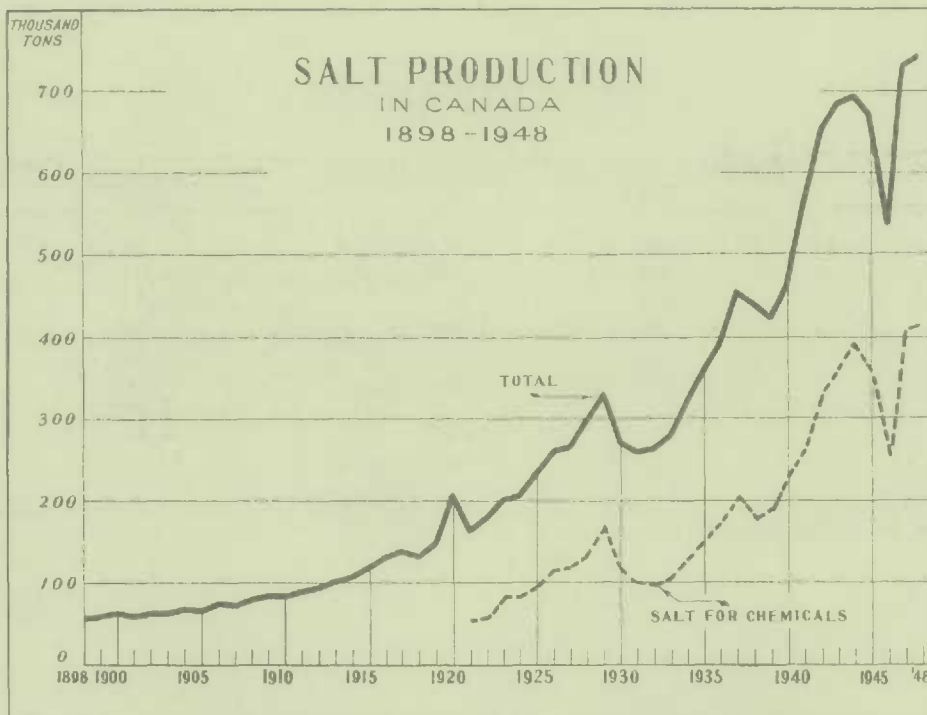
Table 57 -

Year	Production Quartz, Quartzite, etc.		Exports of Quartzite	
	Tons	\$	Tons	\$
1940	1,858,302	1,203,527	106,203	195,163
1941	2,052,878	1,366,187	105,077	190,933
1942	1,738,174	1,538,162	82,570	147,172
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	1,920,120	2,073,395	201,977	438,211 (*)

(*) 1948 exports are for 10 months only.

Table 58 -

Year	Imports Ganister		Imports Silex or Crystallized Quartz, Ground or Unground		Imports Flint and Ground Flint Stones		Imports Silica Sand	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1940	395	3,484	4,149	56,814	579	13,698	278,727	556,683
1941	759	5,216	5,075	130,000	953	18,605	421,144	782,977
1942	949	8,865	9,781	442,233	936	18,645	540,904	1,011,476
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	1,148,597
1948 (10 months).	174	1,179	14,424	143,380	730	25,307	473,807	1,164,767



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	\$
1940	240,705	2,464,297	224,009	358,972	464,714	2,823,269
1941	302,134	2,765,512	258,711	430,653	560,845	3,196,165
1942	326,124	3,263,406	327,548	580,781	653,672	3,844,187
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	348,488	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	326,062	3,662,643	414,381	701,753	740,443	4,364,396

(*) 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							
	For use of the Sea or Gulf Fisheries		In Bulk, n.o.p.		In Bags, Barrels, etc., n.o.p.		Total Exports of Salt	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1940	34,682	125,838	53,401	202,454	24,427	229,194	6,349	61,922
1941	16,675	87,797	47,837	200,547	16,918	161,448	12,525	121,784
1942	20,865	141,050	35,295	165,762	13,182	133,895	9,326	128,832
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 (10 months)	26,337	166,974	111,544	551,078	13,923	156,020	4,369	102,486

S O D I U M C A R B O N A T E (N a t u r a l)

Table 61 -

Year	P r o d u c t i o n N a t u r a l S o d i u m C a r b o n a t e		I m p o r t s o f S o d a A s h	
	Tons	\$	Tons	\$
1940	220	1,760	4,647	110,285
1941	186	1,488	38,944	816,067
1942	256	2,048	65,589	1,540,247
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 .....	...	...	30,477	904,768 (*)

(*) 1948 imports are for 10 months only.

SODIUM SULPHATE (Natural)

Table 62 -

Year	Production of Natural Sodium Sulphate		Imports			
			Salt Cake		Glauber's Salt	
	Tons	\$	Tons	\$	Tons	\$
1940	94,260	829,589	8,295	94,674	543	12,450
1941	115,608	931,554	7,819	105,502	250	8,244
1942	131,258	1,079,692	7,071	85,479	75	4,664
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	150,293	2,089,012	10,743	213,541	1,286	44,561

Note: 1948 imports are for 10 months only.

SULPHUR

Table 63 -

Year	Production Sulphur in Pyrites and in Smelter Gases		Imports of Sulphur		Exports of Sulphur in Pyrites	
	Tons	\$	Tons	\$	Tons	\$
1940	170,630	1,298,018	215,597	3,628,348	40,380	230,981
1941	260,023	1,702,786	235,271	3,920,184	129,629	585,258
1942	303,714	1,994,891	290,121	4,680,672	166,451	700,918
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	218,020	1,732,818	285,790	4,478,069	34,933	138,927

Note: 1948 imports and exports are for 10 months only.

TALC AND SOAPSTONE

Table 64 -

Year	Production			
	Talc		Soapstone (*)	
	Tons	\$	Tons	\$
1940	15,168	154,734	...	74,905
1941	18,171	204,884	16,461	155,925
1942	15,499	174,295	14,369	136,529
1943	11,959	131,216	14,204	135,469
1944	13,584	153,122	19,013	204,127
1945	12,863	141,194	14,225	153,694
1946	14,439	153,680	14,914	150,004
1947	13,430	142,910	13,279	123,467
1948	13,000	145,000	13,000	123,000

(*) Includes some low-grade talc.

Talc and Soapstone (Concluded)

Table 65 -

Year	Imports of Talc and Soapstone		Exports of Talc	
	Tons	\$	Tons	\$
1940	2,719	66,238	10,232	142,577
1941	4,804	93,455	19,411	263,568
1942	5,441	114,852	16,055	214,033
1943	6,450	130,813	11,365	146,516
1944	6,094	130,603	11,920	157,178
1945	6,388	131,863	7,363	100,114
1946	6,736	150,972	6,402	74,991
1947	8,472	196,697	5,807	68,394
1948 (10 months)	6,127	166,756	4,326	54,397

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010688784 *2*