

26-202

THIS INFORMATION NOT TO BE RELEASED UNTIL JANUARY 2, 1947

Published by Authority of the Hon. James A. MacKinnon, N.P.
Minister of Trade and Commerce

Al-28-12-46
Price -
25 cents

Historical File Copy

Department of Trade and Commerce
Dominion Bureau of Statistics
Census of Industry and Merchandising
Mining, Metallurgical and Chemical Statistics
Ottawa - Canada

Dominion Statistician: Herbert Marshall
Director - Division of Census of Industry and Merchandising: W. H. Losee
Chief - Mining, Metallurgical and Chemical Statistics: H. McLeod

CANADA'S MINERAL PRODUCTION OVER A HALF BILLION DOLLARS IN 1946

(PRELIMINARY ESTIMATE FOR 1946)

Preliminary figures on Canada's mineral production in 1946 indicate an increase of 2 per cent in value to \$503.9 millions compared with \$498.7 millions in 1945. Although hampered by a shortage of skilled labour, by strikes, and by a lack of essential equipment, the mining industry continued at a high level of operations, the output in 1946 being higher than in any other peace-time year and only 10 per cent below the record of \$566.7 millions in 1942. Output of fuels, structural materials and other non-metallics were at record levels, but the gains in these groups were more than offset by declines in the more important base metals.

The value of the metals in 1946 at \$304.7 millions was the lowest since 1936 despite the higher export prices for base metals. The tonnage of copper was down 22 per cent to 185,543 tons; zinc dropped 9 per cent to 235,917 tons; and nickel declined 22 per cent to 95,406 tons. Lead increased slightly to 177,222 tons. Gold production was up 19 per cent in quantity and 14 per cent in value to 3,214,577 fine ounces at \$118.1 millions, and silver at 12,778,218 ounces worth \$10.7 millions was down slightly in quantity but up 75 per cent in value.

Output of structural materials was greater than in any other year, the 1946 value of \$61.4 millions being 27 per cent above the \$48.4 millions in 1945. The increases by items were as follows: cement 13 per cent in quantity and 37 per cent in value to 11,415,167 barrels at \$19.5 millions; clay products 37 per cent to \$12.2 millions; stone 11 per cent to \$9.0 millions; sand and gravel 34 per cent to \$14.1 millions. Lime production at 324,609 tons valued at \$6.5 millions was slightly below the 1945 output.

Coal production totalled 17,692,052 tons at \$74.4 millions, representing gains of 7 per cent in tonnage and 10 per cent in value over the 1945 figures. Output of natural gas at 46.9 billion cubic feet at \$11.3 millions was down 3 per cent in quantity and 8 per cent in value. Crude petroleum declined 9 per cent in quantity to 7,663,000 barrels, but the value at \$14.3 millions was 10 per cent higher than in 1945.

Other non-metallics gained 6 per cent to \$42.0 millions compared with \$39.7 millions in the previous year. Asbestos advanced to 547,769 tons from 466,397 tons; gypsum increased to 1,838,717 tons from 839,781 tons, and peat moss to 87,531 tons from 83,963 tons. Salt declined to 530,250 tons from 675,076 tons in 1945.

Table 1 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1945 and 1946

		1 9 4 5		1 9 4 6 (Preliminary)	
		Quantity	Value	Quantity	Value
<u>Metallics</u>					
Antimony	lb.	1,667,951	290,557	685,000	102,750
Arsenic (As ₂ O ₃)	lb.	2,045,730	130,909	745,000	39,100
Bismuth	lb.	189,815	260,047	234,000	327,600
Cadmium	lb.	646,064	659,603	761,400	928,908
Calcium	lb.	22,720	19,312	53,548	75,592
Chromite	ton	5,755	160,752	3,100	58,125
Cobalt	lb.	109,123	90,026	74,902	61,794
Copper	lb.	474,914,052	59,322,261	371,085,000	47,013,560
Gold	fine oz.	2,696,727	103,823,990	3,214,377	118,128,354
Iron ore	ton	1,135,444	3,635,095	1,581,063	4,835,580
Lead	lb.	346,994,472	17,340,723	354,444,076	23,324,975
Magnesium	lb.	7,358,545	1,607,264	323,234	75,350
Mercury	lb.	...	...	...	...
Holybdenite concentrates	lb.	978,117	411,663	751,197	350,032
Nickel	lb.	245,130,983	61,982,135	190,811,179	46,844,738
Palladium, rhodium, iridium, etc.	fine oz.	458,674	18,671,074	114,200	4,758,717
Platinum	fine oz.	208,234	8,017,010	130,400	8,216,504
Fitchblende products ...	...	(x)	(x)	(x)	(x)
Selenium	lb.	379,187	728,039	534,000	902,750
Silver	fine oz.	12,942,906	6,083,166	12,778,218	10,638,970
Tellurium	lb.	484	929	48,200	65,300
Tin	lb.	849,983	492,690	874,000	480,700
Titanium ore	ton	14,147	67,575	1,352	6,880
Tungsten concentrates ..	lb.	1,153	1,045	...	...
Zinc	lb.	517,213,604	35,308,556	471,833,000	36,850,174
Total Metallics ....	...	...	317,093,719	...	504,736,412

Non-metallicsFuels

Coal	ton	16,506,713	67,588,402	17,692,052	74,418,107
Natural gas	M cu.ft.	48,411,585	12,309,564	46,902,000	11,354,000
Peat	ton	118	1,062	145	1,505
Petroleum	bbl.	8,482,796	13,632,248	7,668,000	14,961,000
Total Fuels ....	...	...	93,531,276	...	100,734,412

Table 1 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1945 and 1946 (Concluded)

		1 9 4 5		1 9 4 6 (Preliminary)	
		Quantity	Value	Quantity	Value
			\$		\$
<u>Other Non-metallics</u>					
Asbestos	ton	466,897	22,805,157	549,497	24,490,695
Barytes	ton	139,589	1,211,403	102,263	1,006,867
Corundum	ton	1,317	130,393	1,190	104,110
Diatomite	ton	46	1,258	88	2,227
Feldspar	ton	30,246	282,656	36,369	338,986
Fluorspar	ton	7,369	233,708	7,554	218,421
Garnet schist	ton	...	...	(x)	(x)
Graphite	ton	1,910	179,001	1,975	201,450
Grindstones	ton	225	10,870	250	15,000
Gypsum	ton	839,781	1,783,290	1,833,717	3,226,000
Iron oxides	ton	10,314	172,053	13,026	148,422
Magnesitic dolomite and brucite .....	...	...	1,273,596	...	1,282,424
Mica	lb.	7,044,221	233,270	4,522,181	169,780
Mineral waters	gal.	244,761	126,499	240,000	125,000
Nepheline syenite	ton	61,345	275,766	57,000	199,000
Peat moss	ton	83,963	2,011,139	87,149	2,505,835
Phosphate	ton	299	4,356	57	872
Quartz	ton	1,513,628	1,535,458	1,243,825	1,329,224
Salt	ton	673,076	4,054,720	530,250	3,370,511
Silica brick	M	4,208	317,263	3,089	174,304
Soapstone (including some talc)	ton	14,225	153,694	19,152	149,100
Sodium carbonate	ton	286	3,146	210	2,310
Sodium sulphate	ton	93,068	884,322	105,768	1,030,546
Sulphur	ton	250,114	1,881,321	231,476	1,766,119
Talc	ton	12,863	141,194	13,000	130,000
Total Other Non-metallics	...	...	39,710,513	...	41,987,203
<u>Clay Products and Other Structural Materials</u>					
Clay products (brick, tile, etc.) .....	...	...	8,913,092	...	12,225,575
Cement	bbl.	8,471,679	14,246,480	11,415,167	19,502,190
Lime	ton	832,253	6,525,038	824,609	6,517,276
Sand and gravel	ton	29,750,703	10,568,363	36,223,834	14,123,405
Stone	ton	6,205,555	8,166,700	6,846,263	9,046,158
Total Clay Products and Other Structural Materials .....	...	...	48,419,673	...	61,414,604
GRAND TOTAL .....	...	...	498,755,181	...	508,872,631

(x) Not available.

Table 2 - VALUE OF MINERAL PRODUCTION OF CANADA, BY CLASSES, 1933-1946

Year	Metallics	Coal, natural	Other non-	Clay products	TOTAL
		gas, peat and crude petroleum		and other structural materials	
	\$	\$	\$	\$	\$
1933	147,015,593	47,778,436	10,004,537	16,696,687	221,495,253
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	560,241,260
1942	392,192,452	92,169,291	36,677,122	45,723,807	566,768,672
1943	356,812,760	92,514,384	38,716,568	42,010,254	530,053,366
1944	308,222,161	97,231,007	37,251,309	42,384,937	485,819,114
1945	317,093,719	93,531,276	39,710,513	48,419,673	466,755,181
1946 (x) ..	304,736,412	100,734,412	41,987,203	61,414,604	508,872,651

(x) Preliminary.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010761000