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Department of Trade and Commerce  
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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

### MANUFACTURES OF THE NON-FERROUS METALS

#### FINAL SUMMARY STATISTICS, 1946

Production in Canada of non-ferrous metals and their manufactures was valued at \$719,191,106 in 1946 according to final figures compiled from the Census of Industry reports for that year. The value was 8 per cent below the corresponding total for 1945.

Four of the industries in this group showed increases in production in 1946 compared with 1945 and three industries showed decreases. The losses were as follows: the miscellaneous industry, 3.7 per cent to \$6,609,941; brass and copper products, 31.5 per cent to \$72,056,922; and non-ferrous smelting and refining of primary metals, 14.3 per cent to \$304,718,524. The electrical apparatus industry advanced 1.7 per cent to \$234,572,653; jewellery and electro-plated ware increased 33.1 per cent to \$41,528,678; white metal alloys increased 12.5 per cent to \$26,128,907, and the aluminum products industry gained 25.6 per cent to \$33,575,481.

For the group as a whole, there were 740 plants in operation compared with 683 in 1945. The number of workers declined 3.9 per cent to 84,853; salaries and wages decreased 5.0 per cent to \$150,366,178; the cost of materials dropped 3.9 per cent to \$413,022,247, and the cost of fuel and electricity fell off 15.8 per cent to \$27,707,597.

Imports into Canada of non-ferrous metals and their products were valued at \$120,281,405 in 1946 compared with \$99,119,533 in 1945, and exports of Canadian-made goods of this class were appraised at \$247,810,065 as against \$352,545,645 in 1945.



Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY INDUSTRIES, 1945 and 1946

Industry	Number of plants	Average number of em- ployees	Salaries and wages \$	Cost of fuel and electricity at works \$	Cost of materials at works \$	Gross sell- ing value of products at works \$
<u>1945</u>						
Aluminum products .....	32	4,677	8,142,816	808,214	12,981,173	26,738,152
Brass and copper products .....	161	13,267	25,680,949	2,091,380	53,655,695	105,150,750
White metal alloys .....	41	2,929	4,560,581	343,085	13,718,455	23,222,129
Jewellery and electro-plated ware.	158	5,514	8,108,837	197,435	16,164,076	31,199,217
Electrical apparatus and supplies.	247	44,129	76,468,795	2,570,945	92,041,030	230,531,874
Miscellaneous non-ferrous products	27	1,063	1,543,639	50,633	2,412,156	6,866,252
Non-ferrous smelting and refining.	17	16,771	33,853,120	26,837,162	238,940,486	355,676,526
TOTAL .....	683	88,350	158,358,737	32,898,854	429,913,071	779,384,900
<u>1946</u>						
Aluminum products .....	53	4,860	8,959,446	834,431	17,113,209	33,575,481
Brass and copper products .....	162	10,252	18,425,724	1,198,680	39,983,930	72,056,922
White metal alloys .....	47	3,414	5,600,124	430,560	15,851,099	26,128,907
Jewellery and electro-plated ware.	172	6,691	10,507,305	244,177	22,873,016	41,528,678
Electrical apparatus and supplies.	266	43,998	74,510,479	2,664,455	101,939,272	234,572,653
Miscellaneous non-ferrous products	25	1,092	1,714,739	47,722	2,396,691	6,609,941
Non-ferrous smelting and refining.	15	14,546	30,648,361	22,287,572	212,865,030	304,718,524
TOTAL .....	740	84,853	150,366,178	27,707,597	413,022,247	719,191,106
Per cent change, 1946 from 1945 ..	+8.3	-3.9	-5.0	-15.8	-3.9	-7.7

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY PROVINCES, 1945 and 1946

Province	Number of plants	Average number of em- ployees	Salaries and wages \$	Cost of fuel and electricity at works \$	Cost of materials at works \$	Gross sell- ing value of products at works \$
<u>1 9 4 5</u>						
New Brunswick and Quebec .	172	25,593	46,496,310	13,276,740	138,700,442	252,095,010
Ontario .....	434	57,896	102,268,168	15,024,441	242,322,267	456,734,685
Manitoba .....	25(*)	673	1,051,581	242,734	8,244,720	11,099,927
Saskatchewan and Alberta..	8(*)	475	999,466	652,884	15,041,997	18,010,817
British Columbia and Yukon	44	3,713	7,543,212	3,702,055	25,603,645	41,444,461
CANADA .....	683	88,350	158,358,737	32,898,854	429,913,071	779,384,900
<u>1 9 4 6</u>						
New Brunswick and Quebec .	194	25,003	44,121,490	11,921,257	117,227,612	214,743,448
Ontario .....	466	54,424	94,813,566	11,771,875	223,684,543	415,291,772
Manitoba .....	27(*)	986	1,477,030	253,428	10,458,859	14,854,476
Saskatchewan and Alberta..	10(*)	521	1,086,084	714,844	17,839,630	19,328,041
British Columbia and Yukon	44	3,919	8,868,008	3,046,193	43,811,603	54,973,369
CANADA .....	740	84,853	150,366,178	27,707,597	413,022,247	719,191,106

(\*) Data for the Flin Flon smelter on the Manitoba-Saskatchewan boundary are divided between these two provinces but the plant is counted only once in the grand totals.



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