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MANUFACTURES OF THE NON-FERROUS METALS

FINAL SUMMARY STATISTICS, 1944

Production in Canada of non-ferrous metals and their manufactures was valued at \$992,345,975 in 1944 according to final figures compiled from the Census of Industry reports for that year. The value was 4 per cent below the corresponding total for 1943.

Four of the industries in this group showed declines in production in 1944 compared with 1943, and three industries showed increases. The losses were as follows: Aluminum manufactures, 3.8 per cent to \$31,686,134; brass and copper products 22.3 per cent to \$149,851,354; white metal alloys 4.2 per cent to \$21,303,718, and non-ferrous smelting and refining of primary metals 7.2 per cent to \$474,206,801. The electrical apparatus industry advanced 15.2 per cent to \$283,071,440; jewellery and electro-plated ware increased 11.5 per cent to \$26,664,087, and the miscellaneous industry gained 4.2 per cent to \$5,562,441.

For the group as a whole, there were 634 plants in operation compared with 596 in 1943. The number of workers declined 4.8 per cent to 104,314; salaries and wages decreased 2.1 per cent to \$182,909,292; the cost of materials dropped 10.7 per cent to \$549,317,062, and the cost of fuel and electricity fell off 13.1 per cent to \$43,530,394.

Imports into Canada of non-ferrous metals and their products were valued at \$106,650,546 in 1944 compared with \$115,566,684 in 1943, and exports of Canadian-made goods of this class were appraised at \$339,908,279 as against \$332,704,960 in 1943.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY INDUSTRIES, 1943 and 1944

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 selling value of products at works
			\$	\$	\$	\$
<u>1 9 4 3</u>						
Aluminum products .....	17	5,938	8,763,823	758,124	15,136,675	32,936,285
Brass and copper products .....	157	21,899	40,731,201	3,254,224	108,330,435	192,987,718
White metal alloys .....	36	2,790	4,120,334	336,494	12,495,881	22,231,960
Jewellery and electro-plated ware.	124	4,336	6,517,132	163,887	11,882,521	23,913,367
Electrical apparatus and supplies.	223	46,928	76,906,994	2,440,467	109,281,060	245,770,859
Miscellaneous non-ferrous products	23	882	1,343,180	42,275	1,906,068	5,336,814
Non-ferrous smelting and refining.	15	26,749	48,491,732	43,105,101	356,251,255	511,213,376
TOTAL .....	595	109,522	186,874,396	50,100,572	615,283,895	1,034,390,379
<u>1 9 4 4</u>						
Aluminum products .....	21	5,561	9,918,846	864,883	14,096,430	31,686,134
Brass and copper products .....	162	17,633	33,490,354	2,734,387	72,460,196	149,851,354
White metal alloys .....	41	2,911	4,310,348	316,930	12,930,750	21,303,718
Jewellery and electro-plated ware..	138	4,586	7,024,646	173,081	13,650,416	26,664,087
Electrical apparatus and supplies.	234	48,834	82,304,460	2,488,432	120,413,034	283,071,440
Miscellaneous non-ferrous products	22	862	1,323,647	45,058	1,770,096	5,562,441
Non-ferrous smelting and refining.	15	23,927	44,536,991	36,907,623	313,996,140	474,206,801
TOTAL .....	633	104,314	182,909,292	43,530,394	549,317,062	992,345,975
Per cent change, 1944 from 1943 ..	+ 6	-4.8	-2.1	-13.1	-10.7	-4.0

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, 1943 and 1944

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 selling value of products at works
			\$	\$	\$	\$
<u>1 9 4 3</u>						
New Brunswick and Quebec	141	39,520	66,946,148	27,684,319	259,871,032	411,414,206
Ontario .....	384	64,570	109,551,139	17,211,749	304,530,818	549,243,536
Manitoba .....	22(x)	501	820,220	146,070	6,895,645	8,103,429
Saskatchewan and Alberta	8(x)	571	1,135,056	652,354	17,201,734	20,859,837
British Columbia .....	41	4,360	8,421,833	4,406,080	26,784,666	44,769,371
CANADA .....	595	109,522	186,874,396	50,100,572	615,283,895	1,034,390,379

<u>1 9 4 4</u>						
New Brunswick and Quebec	158	35,986	62,950,270	21,919,342	227,224,875	405,135,078
Ontario .....	402	63,302	110,444,525	16,985,855	281,010,267	526,157,444
Manitoba .....	24(x)	540	936,443	214,323	7,151,920	9,518,577
Saskatchewan and Alberta	7(x)	500	1,072,659	706,718	14,653,172	17,468,208
British Columbia .....	43	3,986	7,505,395	3,704,156	19,276,828	34,066,668
CANADA .....	633	104,314	182,909,292	43,530,394	549,317,062	992,345,975

(x) 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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