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MANUFACTURES OF THE NON-FERROUS METALS

PRELIMINARY SUMMARY STATISTICS, 1944

Production in Canada of non-ferrous metals and their manufactures was valued at \$989,340,155 in 1944 according to preliminary figures compiled from the Census of Industry reports for that year. The value was 4.3 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, 4.3 per cent to \$31,519,968; brass and copper products 22.8 per cent to \$148,993,037; white metal alloys 7.0 per cent to \$20,662,117 and non-ferrous smelting and refining of primary metals 7.2 per cent to \$474,206,801. The electrical apparatus industry advanced 14.9 per cent to \$282,338,225; jewellery and electro-plated ware increased 9.2 per cent to \$26,103,889, and the miscellaneous industry gained 3.4 per cent to \$5,516,118.

For the group as a whole, there were 614 plants in operation compared with 596 in 1943. The number of workers declined 4.1 per cent to 104,056; salaries and wages decreased 2.7 per cent to \$181,760,678; the cost of materials dropped 10.7 per cent to \$548,904,270, and the cost of fuel and electricity fell off 13.5 per cent to \$43,316,367.

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	Salaries	Cost of	Cost of	Gross selling
		number of em- ployees	and wages	fuel and electricity at works	materials at works	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.	16	26,749	48,491,732	43,105,101	356,251,255	511,213,376
TOTAL .....	596	109,522	186,874,396	50,100,572	615,283,895	1,034,330,379
	<u>1 9 4 4</u>					
Aluminum products .....	19	5,535	9,856,523	861,710	14,051,111	31,519,968
Brass and copper products .....	158	17,209	32,697,791	2,659,787	72,838,774	148,993,037
White metal alloys .....	37	2,857	4,205,794	309,247	12,598,871	20,662,117
Jewellery and electro-plated ware.	133	4,622	6,970,814	173,242	13,689,547	26,103,899
Electrical apparatus and supplies.	229	49,071	82,167,028	2,360,075	119,985,071	282,338,225
Miscellaneous non-ferrous products	22	835	1,325,737	44,683	1,744,756	5,516,118
Non-ferrous smelting and refining.	16	23,927	44,536,991	36,907,623	313,996,140	474,206,801
TOTAL .....	614	104,056	181,760,678	43,316,337	548,904,270	989,340,155
Per cent change, 1944 from 1943 ..	+2.9	-4.1	-2.7	-13.5	-10.7	-4.3

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 employees	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 .....	596	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	148	35,456	61,604,882	21,842,962	225,394,756	401,691,020
Ontario .....	395	63,646	110,729,837	16,849,432	282,645,341	526,482,946
Manitoba .....	23(x)	542	932,598	214,211	7,164,084	9,928,855
Saskatchewan and Alberta	7(x)	500	1,077,659	706,718	14,653,172	17,468,208
British Columbia and Northwest Territories.	41	3,912	7,415,702	3,703,044	19,046,917	33,769,126
CANADA .....	614	104,056	181,760,678	43,316,367	548,904,270	989,340,155

(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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