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MANUFACTURES OF THE NON-FERROUS METALS

FINAL SUMMARY STATISTICS, 1941

Production in Canada of non-ferrous metals and their manufactures was valued at \$722,350,747 in 1941 according to final figures compiled from the Census of Industry reports for that year. The value was 34 per cent above the corresponding total for 1940.

All industries in this group showed advances in production in 1941 compared with 1940. Aluminium manufactures increased 22 per cent to \$13,142,205; brass and copper manufactures, 76 per cent to \$100,582,331; white metal alloys, 69 per cent to \$21,307,949; jewellery and silverware, 36 per cent to \$23,313,589; electrical apparatus and supplies, 37 per cent to \$177,903,626; the miscellaneous industry, 63 per cent to \$5,765,817, and the non-ferrous smelting and refining industry, 24 per cent to \$379,322,270.

For the group as a whole, there were 573 plants in operation compared with 544 in 1940. Capital employed advanced 29 per cent to \$545,862,427; the number of workers increased 35 per cent to 73,450; salaries and wages increased 44 per cent to \$102,895,000; the cost of materials increased 32 per cent to \$406,132,161, and production increased 34 per cent to \$722,350,747.

Imports into Canada of non-ferrous metals and their products was valued at \$94,753,269 in 1941 compared with \$71,143,931 in 1940. Exports were appraised at \$244,012,336 as against \$194,711,934 in 1940.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY INDUSTRIES, 1940 and 1941

Industry	Number of plants	Capital employed \$	Average	Salaries and wages \$	Cost of materials at works(=) \$	Gross selling value of products at works \$
			number of employees			
<u>1 9 4 0</u>						
Aluminium products	26	14,735,022	2,268	2,724,123	8,920,649	14,895,282
Brass and copper products	132	32,939,544	7,354	10,371,575	35,196,919	57,238,558
White metal alloys	41	9,361,580	1,671	2,040,629	7,941,952	12,599,215
Jewellery and silverware	113	11,837,692	3,845	4,815,861	8,636,503	17,151,503
Electrical apparatus and supplies.	194	118,825,205	25,120	35,246,655	58,371,201	130,001,457
Miscellaneous non-ferrous products	25	2,350,068	561	690,771	351,299	3,534,805
Non-ferrous smelting and refining.	13	234,326,742	13,466	21,766,197	187,790,596	305,360,547
TOTAL	544	425,766,353	54,285	75,655,811	307,803,225	540,781,367
<u>1 9 4 1</u>						
Aluminium products	29	17,661,666	3,127	4,094,035	8,552,035	13,142,205
Brass and copper products	143	57,392,397	13,199	12,569,353	59,409,859	100,588,991
White metal alloys	43	13,981,356	2,343	3,114,179	12,795,427	21,307,049
Jewellery and silverware	152	14,253,352	4,769	6,227,601	12,259,325	23,313,589
Electrical apparatus and supplies.	211	128,317,208	33,986	47,210,336	77,466,516	177,303,626
Miscellaneous non-ferrous products	26	3,792,406	950	1,205,207	1,334,332	5,763,817
Non-ferrous smelting and refining.	13	509,963,342	16,014	27,422,629	232,314,167	379,322,279
TOTAL	578	545,362,427	73,450	108,395,000	408,132,161	726,350,747
Per cent change, 1941 from 1940 ..	+6.6	+23.2	+35.3	+44.0	+31.9	+34.3

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.

(=) Does not include fuel and electricity costing \$22,629,352 in 1940 and \$31,392,961 in 1941.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY PROVINCES, 1940 and 1941

Province	Number of plants	Capital employed \$	Average number of employees	Salaries and wages \$	Cost of materials at works(b) \$	Gross selling value of products at works \$
<u>1 9 4 0</u>						
New Brunswick and Quebec	119	157,329,734	14,133	18,749,437	93,225,751	163,568,361
Ontario	361	241,375,544	35,932	50,073,778	180,347,200	324,322,263
Manitoba	23(a)	7,403,007	530	353,331	8,876,166	13,121,993
Saskatchewan and Alberta	3(a)	3,230,723	136	302,269	3,848,091	7,550,744
British Columbia	31	35,227,345	3,494	5,671,946	21,511,017	32,217,400
CANADA	544	425,766,955	54,235	75,655,811	307,808,225	540,731,367
<u>1 9 4 1</u>						
New Brunswick	131	226,784,371	22,554	31,773,232	131,363,936	244,321,445
Ontario	330	262,053,602	46,101	68,741,179	230,093,876	418,332,036
Manitoba	25(a)	3,066,606	680	991,404	10,675,216	12,264,908
Saskatchewan and Alberta	3(a)	4,769,317	271	425,363	7,429,053	10,075,012
British Columbia	35	33,186,021	3,844	6,957,772	25,034,125	39,207,286
CANADA	578	545,862,427	73,450	103,395,000	406,132,161	726,350,747

(a) 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.

(b) Does not include fuel and electricity costing \$22,620,353 in 1940 and \$31,392,261 in 1941.

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