

41-D-21

C.2

Published by Authority of the HON. JAMES A. MacKINNON, M.P.  
Minister of Trade and Commerce

44-18-4-44  
Price -  
15 cents

DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA

DOMINION BUREAU  
OF STATISTICS  
APR 25 1943  
PROPERTY OF THE  
LIBRARY.

Dominion Statistician:	S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief - Mining, Metallurgical and Chemical Branch:	W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products:	H. McLeod, B.Sc.

MANUFACTURES OF THE NON-FERROUS METALS

FINAL SUMMARY STATISTICS, 1942

Production in Canada of non-ferrous metals and their manufactures was valued at \$901,569,437 in 1942 according to final figures compiled from the Census of Industry reports for that year. The value was 24 per cent above the corresponding total for 1941.

All industries in this group showed advances in production in 1942 compared with 1941. Aluminium manufactures increased 46 per cent to \$26,462,235; brass and copper manufactures, 63 per cent to \$164,291,350; white metal alloys, 10 per cent to \$23,325,076; jewellery and electro-plated ware, 4 per cent to \$24,249,804; electrical apparatus and supplies, 17 per cent to \$208,872,781; the miscellaneous industry, 17 per cent to \$6,750,992, and the non-ferrous smelting and refining industry, 18 per cent to \$447,617,199.

For the group as a whole, there were 595 plants in operation compared with 578 in 1941. Capital employed advanced 12 per cent to \$612,513,064; the number of workers increased 24 per cent to 90,937; salaries and wages increased 35 per cent to \$146,690,366, and the cost of materials increased 24 per cent to \$505,122,844.

Imports into Canada of non-ferrous metals and their products was valued at \$82,415,670 in 1942 compared with \$94,758,269 in 1941. Exports were appraised at \$310,329,084 as against \$245,407,157 in 1941.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY INDUSTRIES, 1941 and 1942

Industry	Number of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works(x)	Gross sell- ing value of products at works
		\$		\$	\$	\$
<u>1941</u>						
Aluminium products .....	20	17,661,866	3,127	4,094,085	8,552,035	18,148,205
Brass and copper products .....	143	57,892,897	13,190	19,560,353	59,409,859	100,588,991
White metal alloys .....	43	13,981,356	2,343	3,114,179	13,795,427	21,307,949
Jewellery and electro-plated ware.	152	14,253,352	4,760	6,227,601	12,259,325	23,313,589
Electrical apparatus and supplies.	211	128,317,208	33,086	47,210,886	77,466,516	177,903,626
Miscellaneous non-ferrous products	26	3,792,406	930	1,205,207	1,834,832	5,763,817
Non-ferrous smelting and refining.	13	309,963,342	16,014	27,482,689	232,814,167	379,322,270
TOTAL .....	578	545,862,427	73,450	108,895,000	406,132,161	726,350,747
<u>1942</u>						
Aluminium products .....	14	17,352,176	4,419	6,381,685	13,155,250	26,462,235
Brass and copper products .....	149	66,282,716	17,454	29,269,030	85,452,694	164,291,350
White metal alloys .....	40	12,585,907	2,583	3,848,639	13,328,759	23,325,076
Jewellery and electro-plated ware.	127	13,642,114	4,717	6,707,580	12,491,800	24,249,804
Electrical apparatus and supplies.	225	143,178,182	39,676	61,799,069	92,799,017	208,872,781
Miscellaneous non-ferrous products	25	3,419,004	926	1,343,807	1,907,811	6,750,992
Non-ferrous smelting and refining.	15	356,052,965	21,162	37,340,555	285,987,513	447,617,199
TOTAL .....	595	612,513,064	90,937	146,690,366	505,122,844	901,569,437
Per cent change, 1942 from 1941 ..	2.5	+12.0	+23.8	+34.8	+24.4	+24.1

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.

(x) Does not include fuel and electricity costing \$31,392,961 in 1941 and \$41,441,185 in 1942.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURES OF THE NON-FERROUS METALS, BY PROVINCES, 1941 and 1942

Province	Number of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works(b)	Gross sell- ing value of products at works
		\$		\$	\$	\$
<u>1941</u>						
New Brunswick and Quebec .....	131	226,784,371	22,554	31,779,282	131,863,986	244,821,445
Ontario .....	380	268,053,602	46,101	68,741,179	230,098,876	418,382,096
Manitoba .....	25(a)	8,068,606	680	991,404	10,675,216	12,964,908
Saskatchewan and Alberta .....	8(a)	4,769,817	271	425,363	7,499,958	10,975,012
British Columbia .....	35	38,186,031	3,844	6,957,772	25,994,125	39,207,286
CANADA .....	578	545,862,427	73,450	108,895,000	406,132,161	726,350,747
<u>1942</u>						
New Brunswick and Quebec .....	143	271,510,772	31,690	48,836,040	189,238,976	337,750,044
Ontario .....	383	289,967,588	53,959	87,687,354	266,464,954	491,228,003
Manitoba .....	23(a)	9,952,918	764	1,312,561	7,513,804	9,870,253
Saskatchewan and Alberta .....	10(a)	3,279,145	231	387,370	12,345,658	16,561,863
British Columbia .....	37	37,802,641	4,293	8,467,041	29,559,452	46,159,274
CANADA .....	595	612,513,064	90,937	146,690,366	505,122,844	901,569,437

(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 \$31,392,961 in 1941 and \$41,441,185 in 1942.

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010684475