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MANUFACTURES OF THE NON-FERROUS METALS
PRELIMINARY SUMMARY STATISTICS, 1933.

Manufactures from non-ferrous metals in 1933 were valued at \$167,105,027, an increase of \$25 millions over the corresponding total for 1932, according to preliminary figures compiled by the Dominion Bureau of Statistics at Ottawa. A total of 469 plants were in operation during the year and a monthly average of 25,856 workers were employed. Payments for salaries and wages totalled \$29,171,021 and expenditures for manufacturing materials amounted to \$71,954,235. Capital employed was reported at \$263,710,844.

The concerns in Canada which manufacture products from non-ferrous metals have been divided, for statistical purposes, into 7 groups, of which 5 reported higher output values and 2 showed declines when compared with 1932. The non-ferrous smelting and refining industry made a gain of \$24 millions to \$100,561,297; the lead, tin and zinc products industry advanced \$0.7 millions to \$4,214,803; brass and copper products increased \$0.5 millions to \$10,095,188; the miscellaneous industry advanced slightly to \$674,861 from \$490,076; and the aluminium products industry showed a small gain to \$2,799,447 from \$2,703,212. Declines were reported by the electrical apparatus industry and by the jewellery and silverware industry, the former showing a drop of \$9.4 millions to \$42,672,786 and the latter a small decline to \$6,086,645 from \$6,118,871.

The majority of the plants in this group were located in Ontario and Quebec. In 1933 Ontario had 306 or 65 per cent of the factories which accounted for a production of \$90,878,786 or 54 per cent of the total for Canada. Quebec had 105 establishments and an output valued at \$52,108,707. British Columbia was third with 26 plants and a production of \$15,691,554.

Imports into Canada of non-ferrous metals and their products were valued at \$18,035,947 compared with \$21,994,565 in 1932. Of the 1933 total, \$12,294,082 or 68 per cent came from the United States and \$2,817,758 or 16 per cent from the United Kingdom.

Exports during 1933 of Canadian-made goods of this class were appraised at \$69,340,625 of which \$18,244,354 went to the United States and \$30,175,972 to the United Kingdom. In 1932 the exports totalled \$48,130,177 in value. Re-exports from Canada, or exports of foreign-made goods, amounted to \$329,408 in 1933 and \$457,563 in 1932.

Table 1 - PRELIMINARY STATISTICS(x) ON THE MANUFACTURES OF THE NON-FERROUS METALS IN CANADA, 1929 - 1933.

Years	No. of plants	Capital employed \$	Average number of employees	Salaries and wages \$	Cost of materials at works \$	Selling value of products at works \$	Value added by manufacturing \$
<u>ALUMINIUM PRODUCTS</u>							
1929 ...	14	5,264,388	723	930,216	2,754,726	4,263,801	1,509,075
1930 ...	14	5,217,665	808	1,065,195	2,184,658	4,343,436	2,158,778
1931 ...	14	4,540,834	793	923,546	2,066,851	3,597,764	1,530,913
1932 ...	14	3,906,196	661	678,400	1,375,902	2,703,212	1,327,310
1933 ...	15	3,648,362	631	664,512	1,475,061	2,799,447	1,324,386
<u>BRASS AND COPPER PRODUCTS</u>							
1929 ..	102	27,431,520	6,232	7,800,591	21,118,038	36,115,581	14,997,543
1930 ...	117	26,820,527	5,297	6,742,752	13,355,186	25,412,225	12,057,039
1931 ...	127	24,351,059	4,437	5,627,486	7,200,608	16,052,756	8,852,148
1932 ...	119	23,148,843	3,535	3,880,838	3,949,157	9,594,115	5,644,958
1933 ...	117	20,607,137	3,262	3,292,079	4,508,657	10,095,188	5,586,531
<u>LEAD, TIN AND ZINC PRODUCTS</u>							
1929 ...	28	5,988,683	755	929,295	4,757,366	6,466,168	1,708,802
1930 ...	23	4,612,408	614	734,650	3,813,569	5,178,583	1,365,014
1931 ...	23	4,507,307	532	679,631	2,330,652	4,137,600	1,806,948
1932 ...	24	4,434,722	532	621,480	1,935,507	3,498,049	1,562,542
1933 ...	28	4,811,904	676	757,478	2,492,117	4,214,803	1,722,686
<u>JEWELLERY AND SILVERWARE</u>							
1929 ...	98	10,781,963	2,931	3,998,851	4,913,604	11,933,593	7,019,989
1930 ...	96	10,159,074	2,634	3,431,059	3,735,346	9,242,126	5,506,780
1931 ...	95	8,511,317	2,435	2,949,469	2,892,228	7,449,754	4,557,526
1932 ...	93	7,460,760	2,169	2,322,392	2,432,728	6,118,871	3,686,143
1933 ...	100	7,543,567	2,193	2,405,898	2,518,971	6,086,645	3,567,674
<u>ELECTRICAL APPARATUS AND SUPPLIES</u>							
1929 ...	139	101,767,108	20,871	26,725,215	49,623,322	113,796,002	64,172,680
1930 ...	149	102,979,896	20,568	26,260,004	43,111,629	104,577,790	61,466,161
1931 ...	163	100,057,945	18,207	22,474,319	32,385,342	81,578,595	49,193,253
1932 ...	169	82,458,754	14,305	16,262,368	20,414,844	53,264,918	32,850,074
1933 ...	173	79,873,397	12,505	13,406,032	17,528,596	42,672,786	25,144,190
<u>MISCELLANEOUS NON-FERROUS METAL PRODUCTS</u>							
1929 ...	17	788,359	236	345,245	317,130	1,116,053	798,923
1930 ...	16	805,293	209	289,243	227,551	758,425	530,874
1931 ...	19	758,326	150	211,595	130,806	480,188	349,382
1932 ...	20	927,306	159	210,655	106,855	490,076	383,221
1933 ...	21	1,141,193	229	241,841	188,270	674,861	486,591

(x) All 1933 figures are preliminary and subject to revision.

Table 1 -- PRELIMINARY STATISTICS(x) ON THE MANUFACTURES OF THE NON-FERROUS METALS IN CANADA, 1929 - 1933. (concluded)

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
<u>NON-FERROUS SMELTING AND REFINING</u>							
						(a)	(b)
1929 ...	10	146,699,085	8,119	13,772,393	41,416,446	109,854,468	68,438,022
1930 ...	13	175,010,686	8,626	13,796,124	45,310,472	100,946,136	55,635,664
1931 ...	14	175,669,195	7,860	13,245,327	48,336,301	98,565,755	50,229,454
1932 ...	13	149,708,860	5,343	8,778,970	37,719,947	76,442,076	38,722,129
1933 ...	15	146,085,284	6,360	8,403,181	43,242,563	100,561,297	57,318,734

GRAND TOTAL

1929 ...	408	298,721,106	39,867	54,501,806	124,900,632	283,545,666	158,645,034
1930 ...	428	325,605,549	38,756	52,319,027	111,738,411	250,458,721	138,720,310
1931 ...	455	318,395,983	34,414	46,111,373	95,342,788	211,862,412	116,519,624
1932 ...	452	272,045,441	26,704	32,755,103	67,934,940	152,111,317	84,176,377
1933 ...	469	263,710,844	25,856	29,171,021	71,954,235	167,105,027	95,150,792

(x) All 1933 figures are preliminary and are subject to revision.

(a) Estimated cost of ores treated.

(b) Value of shipments from metallurgical works less cost of ores, concentrates, matte, etc., treated.

Table 2 - PRINCIPAL STATISTICS OF THE MANUFACTURES OF THE NON-FERROUS METALS IN CANADA, BY PROVINCES, 1932 and 1933.

Provinces	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
<u>1932</u>							
Nova Scotia and New Brunswick.	5	840,952	223	159,102	52,184	268,575	216,391
Quebec ...	92	64,276,923	6,598	8,312,237	27,093,942	52,642,669	25,548,727
Ontario ..	303	159,915,537	16,950	19,301,667	32,157,861	77,913,135	45,755,274
Manitoba .	19	4,944,730	541	735,570	2,671,379	7,182,665	4,511,286
Saskatchewan and Alberta	7	355,271	44	56,984	126,067	255,466	129,399
Br. Columbia	26	41,712,028	2,348	4,189,543	5,833,507	13,848,807	8,015,300
TOTAL ...	452	272,045,441	26,704	32,755,103	67,934,940	152,111,317	84,176,377
<u>1933 (x)</u>							
Nova Scotia and New Brunswick .	5	863,495	219	152,113	35,922	231,220	195,298
Quebec ...	105	61,263,998	6,352	7,736,580	25,724,858	52,108,707	26,383,849
Ontario ...	306	155,958,497	15,952	17,464,265	36,138,628	90,878,786	54,740,158
Manitoba ..	19	3,948,695	375	485,752	2,488,828	7,278,769	4,789,941
Saskatchewan and Alberta	8	1,248,814	79	122,455	332,886	915,991	583,105
Br. Columbia	26	40,427,345	2,879	3,209,856	7,233,113	15,691,554	8,458,441
TOTAL	469	263,710,844	25,856	29,171,021	71,954,235	167,105,027	95,150,792

(x) All 1933 figures are preliminary and subject to revision.

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