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PRELIMINARY SUMMARY REPORT ON THE MANUFACTURES OF THE NON-FERROUS METALS IN CANADA, 1928.

Manufactures of the non-ferrous metals in Canada during 1928 reached a value of \$236,436,358 or \$36,066,397 above the corresponding total for last year, according to preliminary figures compiled by the Dominion Bureau of Statistics at Ottawa. Representing a total of \$249,391,088 in fixed and working capital, the 405 factories in this group of industries employed an average of 35,407 persons the year round, paid out \$47,358,864 in salaries and wages and spent \$97,843,758 on materials for use in manufacturing. The value added in the process of manufacturing was \$138,592,600.

Concerns in this line of work have been classified in 7 industries, each of which showed a substantial gain in production value during 1928. The greatest advance was recorded in the non-ferrous smelting and refining industry when production totalled \$94,341,702 in value as against \$77,996,265 in 1927; the same 10 concerns were in operation but the number of employees was lower at 7,526 as compared with 7,671 in the preceding year. The electrical apparatus and supplies industry also showed a splendid gain with output valued at \$92,487,827 as compared with \$78,558,730 in 1927; the number of establishments was higher by 5 at 135 and employees numbered 18,154 or 8 per cent more than for last year. Output of the brass and copper products industry in 1928 was valued at \$28,081,586, a gain of 17 per cent over the previous year; the number of operators decreased by 2 to 97 but employment advanced to 5,298 from 4,832. Aluminium products were worth \$3,192,696 or 38 per cent above the figure for 1927; there were 2 additional plants and the number of workers increased to 609 from 485. Precious metal products advanced 3 per cent in value to \$11,722,548 with 106 factories in operation and a payroll of 2,946 persons. Lead, tin and zinc products from 26 plants were valued at \$5,503,360, or 7 per cent more than in 1927, and the output from the miscellaneous non-ferrous metal products group advanced 17 per cent to \$1,106,639 with 17 plants in operation.

Imports of non-ferrous metals and their products into Canada during 1928 reached a value of \$68,939,379 of which \$56,023,758 worth came from the United States and \$6,293,022 from the United Kingdom. In 1927 imports in this class were appraised at \$59,195,656.

Exports in this class during 1928 were worth \$103,266,613 as against \$87,057,150 in 1927. United States took products worth \$56,405,451; the United Kingdom \$15,047,224; other countries to which Canada exported non-ferrous metal products, in large amounts, were: Japan, \$7,048,486; Germany, \$5,039,518; Netherlands, \$5,025,297; China, \$4,394,379; Belgium, \$2,591,122; British India, \$2,239,110; France, \$1,668,792 and New Zealand, \$729,266.

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PRELIMINARY^(z) STATISTICS OF THE MANUFACTURES OF THE NON-FERROUS METALS IN CANADA, 1924-1928.

Year	No. of plants	Capital employed \$	No. of employ- ees	Salaries and wages \$	Cost of materials \$	Selling value of products \$	Value added by manu- facturing \$
ALUMINIUM PRODUCTS (x)							
1924	11	8,936,025	1,098	1,362,774	3,454,116	7,700,822	4,246,706
1925	12	9,191,213	1,169	1,406,919	3,688,761	9,137,305	5,448,544
1926	12	3,930,336	428	554,024	801,835	1,917,810	1,115,975
1927	12	4,189,658	485	625,669	976,901	2,318,894	1,341,993
1928	14	5,094,213	609	805,393	1,865,328	3,192,696	1,327,368
BRASS AND COPPER PRODUCTS							
1924	81	18,594,443	3,747	4,604,293	7,889,367	15,487,826	7,598,459
1925	91	20,508,838	4,032	4,985,645	10,147,373	19,155,309	9,007,936
1926	98	20,764,404	4,533	5,716,529	11,810,686	22,028,636	10,217,950
1927	99	22,425,179	4,832	6,065,571	12,546,718	24,054,657	11,507,939
1928	97	23,362,157	5,298	6,665,775	15,479,662	28,081,586	12,601,924
LEAD, TIN AND ZINC PRODUCTS							
1924	20	3,229,833	480	557,476	2,404,827	3,353,910	949,083
1925	22	3,782,120	529	619,973	3,130,257	4,103,732	973,475
1926	25	4,241,731	609	806,849	3,766,648	5,184,096	1,417,448
1927	25	4,295,256	602	702,298	3,854,979	5,149,092	1,294,113
1928	26	4,681,889	647	763,078	4,108,167	5,503,360	1,395,193
PRECIOUS METAL PRODUCTS							
1924	104	10,440,218	2,473	3,235,981	3,941,706	9,449,284	5,507,578
1925	108	10,130,772	2,556	3,346,867	3,991,106	9,581,773	5,590,667
1926	109	10,545,761	2,831	3,625,770	4,456,047	10,751,795	6,295,748
1927	109	11,238,475	2,806	3,717,989	4,700,566	11,344,618	6,644,052
1928	106	11,082,383	2,946	3,942,954	4,867,003	11,722,548	6,855,545
ELECTRICAL APPARATUS AND SUPPLIES							
1924	109	72,301,204	13,670	16,089,492	24,370,996	56,490,465	32,119,469
1925	122	75,375,623	14,112	16,472,357	25,434,836	60,158,837	34,724,001
1926	132	80,323,534	15,246	18,626,500	30,195,935	69,767,308	39,571,373
1927	130	80,475,999	16,813	20,613,592	32,734,875	78,558,730	45,823,855
1928	135	84,190,790	18,154	22,683,119	37,958,986	92,487,827	54,528,841
MISCELLANEOUS NON-FERROUS METAL PRODUCTS							
1924	16	853,248	202	268,823	322,001	741,066	419,065
1925	17	919,733	233	313,145	346,518	999,277	652,759
1926	18	918,420	222	286,537	344,196	998,512	654,316
1927	16	965,937	234	309,236	281,940	947,705	665,765
1928	17	943,914	227	269,807	304,387	1,106,639	802,252
TOTAL FOR ALL INDUSTRIES LISTED ABOVE							
1924	341	114,354,971	21,670	26,118,839	42,383,013	93,223,373	50,840,360
1925	372	119,908,299	22,631	27,144,906	46,738,851	103,136,233	56,397,382
1926	394	120,724,186	23,869	29,616,209	51,375,347	110,648,157	59,272,810
1927	391	123,590,504	25,772	32,034,455	55,095,979	122,373,696	67,277,717
1928	395	129,355,346	27,881	35,130,126	64,583,533	142,094,656	77,511,123
NON-FERROUS METAL SMELTING							
1924	9	66,337,664	5,521	8,136,251	20,594,535	42,154,808	21,760,273
1925	6	61,691,928	5,104	8,563,997	27,329,409	56,633,793	29,304,384
1926	9	81,779,240	6,226	9,584,938	39,237,657	72,853,566	33,615,909
1927	10	85,366,662	7,671	12,120,240	32,516,687	77,996,265	45,479,578
1928	10	120,035,742	7,526	12,228,738	33,260,225	94,341,702	61,081,477
GRAND TOTAL							
1924	350	180,692,635	27,191	34,255,090	62,777,548	135,378,181	72,600,633
1925	378	181,600,227	27,735	35,713,903	74,068,260	159,770,026	85,701,766
1926	403	202,503,426	30,095	39,201,147	90,613,094	183,501,723	92,888,719
1927	401	208,957,166	33,443	44,154,695	87,612,666	200,369,961	112,757,295
1928	405	249,391,088	35,407	47,358,864	97,843,758	236,436,358	138,592,600

(x) Prior to 1926 statistics for the aluminium smelters were included in the "Aluminium Products Industry" but for later years have been shown in the "Non-Ferrous Metal Smelting and Refining Industry."

(a) Estimated cost of ores treated.

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

(z) All figures subject to revision.

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