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THE LEAD, TIN AND ZINC PRODUCTS INDUSTRY IN CANADA, 1929.

Production from the lead, tin and zinc products industry in Canada during 1929 was valued at \$6,466,168, according to data compiled by the Dominion Bureau of Statistics at Ottawa. This was a record for the industry being 18 per cent over the previous high of \$5,495,360 in 1928 and 41 per cent over the total value of \$4,574,165 reported for 1920.

Twenty-eight factories in Canada were engaged principally in the manufacture of lead, tin and zinc products in 1929; 11 of these were located in Quebec, 11 in Ontario, 3 in Manitoba, and 3 in British Columbia. These firms represented a capital of \$5,988,683 and gave employment during the year to a monthly average of 755 people who received \$929,295 as salaries and wages. Materials purchased for manufacturing were valued at \$4,757,366 and the value added by manufacturing processes amounted to \$1,708,082.

Production from this industry during the year under review included 5,611,990 pounds of antimonial lead valued at \$374,907; 5,187,142 pounds of babbitt metal at \$721,596; 4,440,107 pounds of lead pipe at \$398,802; 4,094,203 pounds of type and type metal at \$425,438; 3,296,576 pounds of solders at \$814,101; 2,944,817 pounds of sheet lead at \$263,046; 2,703,224 pounds of lead bars and ingots at \$185,646; metals recovered from scrap such as aluminium, copper, lead, tin and zinc, etc.; and other articles such as collapsible tubes, packing, shot, scrap, etc.

PRINCIPAL STATISTICS OF THE LEAD, TIN AND ZINC PRODUCTS INDUSTRY IN CANADA, 1925-1929.

Year	No. of plants	Capital employed	Average number of employ-ees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manu-facturing
		\$		\$	\$	\$	\$
1925 ...	22	3,782,120	529	619,973	3,150,257	4,103,732	973,475
1926 ...	25	4,241,731	609	806,849	3,766,648	5,104,096	1,417,448
1927 ...	25	4,295,256	602	702,298	3,854,979	5,149,092	1,294,113
1928 ...	25	4,673,882	644	759,603	4,105,167	5,495,360	1,388,193
1929 -							
Quebec....	11	729,480	111	201,637	1,391,312	1,733,358	362,026
Ontario...	11	4,869,990	601	664,970	3,016,809	4,205,333	1,188,524
Manitoba..	3	206,261	23	30,102	155,498	222,865	67,367
Br. Columbia	3	182,952	20	32,586	193,747	284,652	90,865
CANADA.....	28	5,988,683	755	929,295	4,757,366	6,466,168	1,708,802

MATERIALS USED IN THE LEAD, TIN AND ZINC PRODUCTS INDUSTRY IN CANADA, 1928 and 1929.

Materials used	Unit of measure	1 9 2 8		1 9 2 9	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Antimony regulus -					
From England.....lb.		89,539	11,619	91,123	9,265
From United States.....lb.		169,000	14,750	188,828	16,353
From other countries.....lb.		458,400	41,929	507,559	40,048
Lead, pig -					
From England.....lb.		11,943	758	24,347	1,584
From United States.....lb.		278,700	21,954	65,171	4,004
From Canada.....lb.		14,499,581	875,026	16,617,231	1,056,009
Lead and tin alloys.....lb.		1,641,756	106,372	1,522,721	75,557
Phosphorus.....lb.		393	195	285	168
Spelter.....lb.		488,858	34,961	398,931	40,036
Tin, pig.....lb.		2,887,218	1,475,620	3,245,062	1,539,860
Other metal, scrap, etc. -					
Alloys of white metal.....lb.		1,417,332	100,734	175,909	10,237
Aluminium.....lb.		365,155	65,229	374,900	103,264
Brass.....lb.		1,292,603	113,609	1,368,217	189,171
Copper.....lb.		2,268,652	306,268	2,454,790	385,695
Nickel.....lb.		133,744	37,638	145,967	42,700
Lead.....lb.		1,774,072	137,044	2,579,930	193,937
Zinc.....lb.		403,846	22,805	468,929	22,643
Unspecified, including scrap.....lb.		8,668,215	641,200	7,062,059	554,598
Shipping containers, all kinds..... -		...	10,320	...	48,404
All other materials..... -		...	87,136	...	453,853
TOTAL..... -		...	4,105,167	...	4,757,366

(a)

PRODUCTS OF THE LEAD, TIN AND ZINC PRODUCTS INDUSTRY IN CANADA, 1928 and 1929.

Products	Unit of measure	1928		1929	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Babbitt metal.....lb.		5,370,235	1,066,588	5,187,142	721,596
Castings - Alloys, white metal.....lb.		...	125,273	1,708,267	188,165
Aluminium.....lb.		88,628	24,756	35,391	8,399
Brass and bronze.....lb.		2,366,920	400,005	2,274,524	416,144
Other.....lb.		127,412	72,532	227,728	73,683
Lead - Bars and ingots.....lb.		1,750,870	133,193	2,703,224	185,646
Pipe.....lb.		4,906,410	477,667	4,440,107	398,802
Sheet.....lb.		2,367,215	192,022	2,944,817	263,046
Traps and fittings.....lb.		763,469	100,443	527,475	101,208
Antimonial lead.....lb.		3,097,553	208,544	5,611,990	374,907
Refined metals - Copper.....lb.		2,173,471	340,235	2,327,142	400,940
Lead.....lb.		503,783	36,825	769,539	51,917
Tin.....lb.		78,016	41,299	90,131	40,327
Zinc.....lb.		432,875	30,139	360,628	24,496
Other.....lb.		1,595,341	284,704	1,444,388	248,766
Scrap.....lb.		1,215,320	116,679	674,530	55,901
Solders.....lb.		3,361,987	851,385	3,296,576	814,101
Type and type metal.....lb.		2,475,724	253,619	4,094,203	425,438
All other products (x)..... -		...	737,452	...	1,672,686
TOTAL..... -		...	5,493,560	...	6,466,168

(a) Production data as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed. This industry includes only concerns which made such articles as their principal products; there may have been also a small output in plants classified to other industries.

(x) Includes collapsible tubes, shot, small articles of aluminium, packing metal, etc.

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