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Annual Industry Report



Manufactures of the Non-ferrous Metals Group

THE ALUMINUM PRODUCTS INDUSTRY - 1948

As reviewed in this report, the Aluminum Products Industry covers only the operations of factories which were occupied chiefly in casting, rolling or fabricating aluminum to make bars, rods, sheets, wire, cable, foil, cooking utensils, etc. It does not include the primary aluminum smelters as these works have been classified to the Non-ferrous Smelting and Refining Industry which is reviewed in a separate pamphlet. Nor does it include the aluminum castings, cable, utensils, etc., which were made as secondary or minor products of brass and iron foundries or other manufacturing establishments.

Seventy-two factories were classified to this industry in 1948, including 3 rolling mills. Of the remaining plants, 26 were occupied chiefly in the manufacture of miscellaneous castings, 12 made cooking utensils, 5 made match plates and patterns, 3 made die castings, 2 made hat dies and blocks, 2 made knitting needles, 15 made miscellaneous items, while boot and shoe lasts, thermit welding supplies, window sash and nails were each made by 1 plant.

Employees in this industry numbered 5,604; salaries and wages totalled \$11,616,902; materials used in manufacturing processes cost \$22,080,321, and production was valued at \$46,797,436. This value was 17.4 per cent over the \$39,849,383 of 1947.

Output of aluminum cooking utensils in this industry was valued at \$6,877,081, but in addition, concerns in other industries made aluminum-ware worth \$1,643,009, bringing the total for Canada to \$8,520,090. In 1947 the corresponding total was \$7,333,484, and in 1946 \$7,605,470.

NOTE: This report was prepared in the Mining, Metallurgical and Chemical Section.

Table 1 - PRINCIPAL STATISTICS OF THE ALUMINUM PRODUCTS INDUSTRY, 1944-1948

Year	Average Number of plants of em- ployees		Salaries and wages \$	Cost of fuel and electricity at works \$	Cost of materials at works \$	Gross sell- ing value of products at works \$
1944	21	5,561	9,918,846	864,883	14,096,430	31,686,134
1945	32	4,677	8,142,816	808,214	12,981,173	26,738,152
1946	53	4,860	8,959,446	834,431	17,113,209	33,575,481
1947	81	5,827	11,208,312	1,030,744	20,203,350	39,849,383
1948	72	5,604	11,616,902	1,001,675	22,080,321	46,797,436
Per cent change, 1948 from 1947 ..	..	-3.8	+3.6	-2.8	+9.3	+17.4

Note: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, advertising, etc.

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1947 and 1948

Province	Average Number of plants of em- ployees		Salaries and wages \$	Cost of fuel and electricity at works \$	Cost of materials at works \$	Gross sell- ing value of products at works \$
<u>1947</u>						
Quebec	28	1,153	2,236,062	199,994	7,294,840	11,479,103
Ontario	46	4,607	8,877,058	825,211	12,867,312	28,166,306
Manitoba ...	3	16	18,222	1,798	10,092	31,773
Alberta	1)					
British Columbia..	)	51	76,970	3,741	31,106	172,201
	3)					
CANADA...	81	5,827	11,208,312	1,030,744	20,203,350	39,849,383
<u>1948</u>						
Quebec	22	1,296	2,601,023	143,019	8,141,093	13,680,433
Ontario	45	4,235	8,877,693	851,093	13,858,522	32,747,846
Manitoba ...	3)					
Alberta	1)					
British Columbia..)	73	138,186	7,563	80,906	369,157
	1)					
CANADA...	72	5,604	11,616,902	1,001,675	22,080,321	46,797,436

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Table 3 - PRODUCTS OF THE ALUMINUM PRODUCTS INDUSTRY, 1946-1948

Product	1 9 4 6	1 9 4 7 (Dollars)	1 9 4 8
Cooking utensils (a)	5,967,420	6,125,614(c)	6,877,081
All other products (b) ...	27,608,061	33,723,769	39,920,355
TOTAL	33,575,481	39,849,383	46,797,436

(a) In addition to the above output, aluminum cooking utensils valued at \$1,643,009 in 1948; \$1,207,870 in 1947; \$1,638,050 in 1946, were made as minor products by concerns in other industrial groups.

(b) Includes aluminum ingots, bars and rods, extruded shapes, foil, forgings, powder, rivets, sheets, tubing, wire and cable, boot and shoe lasts, bottle caps and seals, hair curlers, canoes, hat dies, etc. Figures for these commodities cannot be shown separately as in most cases there were only one or two producers in this industry.

(c) Revised.

Table 4 - MATERIALS USED IN THE ALUMINUM PRODUCTS INDUSTRY, 1947 and 1948

	1 9 4 7		1 9 4 8	
	Quantity	Cost at works	Quantity	Cost at works
	lb.	\$	lb.	\$
Aluminum -				
Castings	2,118,779	730,556	156,033	46,852
Circles and forms for making hollow-ware	6,088,601	1,797,444	7,557,379	2,253,201
Ingots	110,947,305	13,991,962	110,511,070	15,164,826
Scrap	258,694	25,497	374,577	46,931
Sheets	1,489,116	445,851	2,248,406	621,448
Strips	83,133	25,542	183,572	62,155
Rods	3,800	1,500	23,860	7,694
Tubing	32,318	21,336	70,826	42,746
Wire	127,306	35,462	308,158	89,910
Other	653,112	547,442	525,411	326,087
Copper ingots, slabs, etc.	199,204	22,372	98,641	19,241
Magnesium metal	32,280	8,349	58,947	16,064
Silicon metal	472,984	70,708	212,882	37,231
Steel - Sheets and strips	1,112,196	65,528	3,390,718	211,802
Wire	10,144,404	917,196	15,139,494	1,605,692
Other	19,000	2,267	12,775	3,669
Zinc	287,959	19,859	20,234	3,501
Trimmings, knobs, handles, etc. for utensils and hollow-ware..	...	522,139	...	651,109
Shipping containers and packing materials .....	...	195,466	...	203,091
All other materials and process supplies .....	...	756,874	...	667,071
TOTAL .....	...	20,203,350	...	22,080,321

Table 5 - TOTAL PRODUCTION OF ALUMINUM HOLLOW-WARE AND KITCHENWARE IN CANADA,
1939-1948

Year	Selling value at works \$	Year	Selling value at works \$
1939	1,666,716	1944	412,216
1940	2,256,710	1945	2,981,151
1941	1,084,611	1946	7,605,470
1942	343,079	1947	7,333,484(*)
1943	280,608	1948	8,520,090

Note: The above table shows total production in Canada regardless of the industry in which produced.

(*) Revised.

Table 6 - EXPORTS FROM CANADA OF ALUMINUM AND ITS PRODUCTS, 1947 and 1948

	1	2	4	7		1	2	4	8
	Tons				\$	Tons			
Aluminum in bars, blocks, ingots and blooms	213,716				52,610,741	327,108			84,191,712
Aluminum in rods, sheets, circles and plates	3,898				2,068,164	6,168			3,403,699
Aluminum kitchen utensils and hollow-ware .....	...				1,163,510	...			464,742
Aluminum wire and cable .....	...				2,529,927	...			5,521,471
Aluminum manufactures, other.	...				3,648,551	...			3,323,163
Aluminum scrap	10,802				1,934,681	22,840			5,141,641
TOTAL .....	...				63,955,574	...			102,046,428

Table 7 - IMPORTS INTO CANADA OF ALUMINUM AND ITS PRODUCTS, 1947 and 1948

	1	2	4	7		1	2	4	8
	Quantity				Value	Quantity			
	lb.				\$	lb.			
Aluminum in pigs, ingots, blocks, notch bars, slabs, billets and blooms	1,232,000				126,305	49,200			10,581
Aluminum scrap	253,800				13,051	413,400			21,918
Aluminum angles, channels, beams, tees and other rolled or drawn sections or shapes	420,600				308,877	503,900			428,334
Aluminum in bars, rods and wire..	100,600				30,106	2,453,000			587,969
Aluminum leaf or foil .....	...				510,701	...			165,454
Aluminum pipes and tubes	80,400				63,574	165,900			78,756
Aluminum in plates, sheets, strips and circles	8,138,700				2,261,158	4,458,500			1,367,683
Aluminum powder	41,417				23,838	49,072			32,204
Aluminum wire and cable, twisted or stranded, reinforced with steel or not	1,000				411	5,600			3,267
Aluminum kitchen or household hollow-ware .....	...				743,667	...			110,432
Other manufactures of aluminum				3,340,915	...			3,893,400
TOTAL				7,422,603	...			6,699,998

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Table 8 - EMPLOYEES, SALARIES AND WAGES, IN THE ALUMINUM PRODUCTS INDUSTRY, BY PROVINCES, 1947 and 1948

Province	Average Number of Employees					Salaries	Wages	TOTAL	
	On Salaries		On Wages		Total			SALARIES	and WAGES
	Male	Female	Male	Female					
						\$	\$	\$	
<u>1947</u>									
Quebec	200	53	859	41	1,153	615,639	1,620,423	2,236,062	
Ontario ...	589	366	3,235	417	4,607	2,223,344	6,653,714	8,877,058	
Manitoba ..	4	...	12	...	16	3,556	14,666	18,222	
Alberta ...)									
British ...)	12	2	35	2	51	23,048	53,922	76,970	
Columbia..)									
CANADA ..	805	421	4,141	460	5,827	2,865,587	8,342,725	11,208,312	
<u>1948</u>									
Quebec	221	67	945	63	1,296	735,509	1,865,514	2,601,023	
Ontario ...	571	388	2,951	325	4,235	2,119,131	6,758,562	8,877,693	
Manitoba ..)									
Alberta ...)	17	3	50	3	73	38,332	99,854	138,186	
British ...)									
Columbia..)									
CANADA ..	809	458	3,946	391	5,604	2,892,972	8,723,930	11,616,902	

LIST OF FIRMS IN THE ALUMINUM PRODUCT INDUSTRY - 1948

Note: This industry includes only the concerns which were occupied chiefly in making aluminum products. Some concerns in other industries make aluminum castings, etc., as secondary or minor products; they are not listed below.

Name of Firm	Address
<u>Quebec -</u>	
Aluminum Company of Canada, Limited	Arvida, Shawinigan Falls
Aluminum Foundry & Pattern Works, Limited	St. Philippe St., St. Laurent
Aluminum Industries	9765 St. Lawrence Blvd., Montreal
Aubin & Frère	St. Apollinaire
Aviation Products Ltd.	King's Park Rd., Ville St. Laurent
Canadian Hat Block & Dies Co.	705 Notre Dame St. W., Montreal
Couverture d'Aluminium Enrg.	120 High St., Arvida
Fa-Let Aluminium Enrg.	St. Rémi
Fonderie Laurentide	3 Derome St., Pont-Viau
Grégoire, T.	297 Notre-Dame St., Victoriaville
Hardt Potato Peeler & Slicer Mfg.	560 - 19th Ave., Lachine
Labelle Aluminum Reg'd.	837 St. Paul W., Montreal
Les Industries E. Hamel Enrg.	St. Ephrem, Beauce
Les Produits en Aluminium et Acier	
Inoxydable l'Hoir Inc.	229 St. Laurent St., Lévis
Metalite Company Ltd.	507 Blvd. St. Laurent, Cap de la Madeleine

List of Firms in the Aluminum Products Industry - 1948
(Continued)

Name of Firm	Address
<u>Quebec - (concluded)</u>	
Modern Aluminum Products Co.	1520 Notre-Dame St. W., Montreal
Raymond Manufacturing Company	719 Imperial Ave., Montreal
Richelieu Mfg. Co.	115 Salaberry St., Chambly Basin
Royal Aluminum Mfg. Co.	169 Belanger St., Montreal
Solo Products Ltd.	1820 Gilford St., Montreal
Vic Aluminum Ware Ltd., The	9500 St. Lawrence Blvd., Montreal
<u>Ontario -</u>	
A.B.M. Castings	1656 Queen St. E., Toronto
Acme Aluminum Foundry	429 Main St., Weston
Aluminum Company of Canada, Limited	Kingston, Long Branch
Alumaloy Castings, Limited	483 Eastern Ave., Toronto
Aluminum Goods Limited	158 Sterling Road, Toronto
Aluminum Match Plates	888 Roselawn Ave., Toronto
Atlas Aluminum Co.	352 George St., Toronto
Brant Aluminum Foundry	44 Elgin St., Brantford
Canadian Die Casters	180 Beverley St., Galt
Charg-A Plate Co. of Canada Ltd.	1191 Bathurst St., Toronto
Chesley-Sarnes of Canada Ltd.	Essex
City Foundry Co.	Grand Marais Road, Windsor
Clark, George C., Metal Last Company, Inc.	1889 Sandwich St., Walkerville
Coles, J., Aluminum Foundry	74 Market St., Toronto
Demill Metal Patterns	33 Haddington St., Galt
Dillon Foundry & Mfg. Co.	22 Davidson St., Galt
Dunbar Aluminum Foundry, Limited	315 Breithaupt St., Kitchener
Duro Aluminum Ltd.	281 Birch Ave., Hamilton
General Stampings Limited	137 Randall Ave., Oakville
Gordon Mfg. Co. Ltd.	Wallaceburg
Gurbin, F., Eng. & Mfg. Co.	Irwin Ave., Essex
Hamilton Aluminum Mfg. Co.	13 Ferguson Ave. N., Hamilton
Hamilton Match Plate Co.	108 Burton St., Hamilton
Harrington Bros. Aluminum Foundry	145 Main St., Woodstock
Hobrough Metal Products	Lucknow
Hudson Aluminum Ware	370 Dufferin St., Toronto
Huggins Al. Co.	918 Palmerson Ave., Toronto
McDermott Metal Products	10 John St., Toronto
Metal and Thermit Corporation	15 Emily St., Toronto
Metal Stampings Ltd.	3600 Danforth Ave., Toronto
Metalair Products	57 Sylvan Ave., Toronto
Modern Moulding & Metal Craft Co. Ltd.	20 Vincent St., Toronto
Monarch Aluminum Co.	2427 St. Clair St. W., Toronto
National Pattern Works	Horner Ave., Etobicoke
National Pressure Cooker Co. (Canada) Limited	Arnold St., Wallaceburg
Park Aluminum Foundry	13 Brewery St., St. Catharines
S & W Manufacturing Co.	Division St. N., Kingston
Serv-O-Matic Ltd.	672 Queen St. E., Toronto
Shaw, H. G., Company	24 Mercer St., Toronto

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List of Firms in the Aluminum Products Industry - 1948
(Concluded)

Name of Firm	Address
<u>Ontario - (concluded)</u>	
Super Health Aluminum Co. Ltd.	348 Greenwood Ave., Toronto
Toronto Match Plate Works	79 $\frac{1}{2}$ Nassau St., Toronto
Victory Specialties	670 Bloor St. W., Toronto
Werner, R. D., Co. Ltd.	Port Dalhousie
Wright Aluminum Co. Ltd.	2889 Dufferin St., Toronto
<u>Manitoba -</u>	
Fisher, W. J. & Sons	60 Maryland St., Winnipeg
Metal Spinning Co.	425 Atlantic Ave., Winnipeg
Universal Machine Shop	1553 St. Mary's Road, St. Vital
<u>Alberta -</u>	
Calta Metal Products Co.	4820 MacLeod Trail, Calgary
<u>British Columbia -</u>	
Major Aluminum Foundry Ltd.	5 W. 2nd Ave., Vancouver

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