

41-206

C9

Bain
Mr Pearce

DOMINION BUREAU OF STATISTICS - DEPARTMENT OF TRADE AND COMMERCE
CANADA



THE BRASS AND COPPER PRODUCTS INDUSTRY
1949



Published by Authority of the Rt. Hon. C.D. HOWE
Minister of Trade and Commerce

Prepared in the Mining, Metallurgical and Chemical Section,
Industry and Merchandising Division,
Dominion Bureau of Statistics, Ottawa



NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XIV. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review
- B The Aluminum Products Industry
- C The Brass and Copper Products Industry
- D The White Metal Alloys Industry
- E The Jewellery and Silverware Industry
- F The Non-ferrous Smelting and Refining Industry
- G The Miscellaneous Non-ferrous Metal Products Industry

THE BRASS AND COPPER PRODUCTS INDUSTRY

1949

This report covers the operations of brass foundries and other plants in Canada engaged chiefly in the manufacture of commodities (other than electrical equipment) from brass, bronze or copper. One hundred and fifteen foundries and 47 fabricating plants reported under this industry in 1949, and their production was valued at \$115,407,796. In 1948 the corresponding output value amounted to \$122,382,484 and in 1947 to \$96,549,840.

Products manufactured during 1949 by firms in this group included ingots, bars, rods, plates, sheets, tubing, and such further fabricated lines as wire cloth, valves, kettles and tanks, plumbing supplies, gas and water meters, fire extinguishers, lightning rods, metal fasteners, automobile hardware, etc. Copper wire and cable, lighting fixtures, switches and other such articles for electrical purposes have not been listed in this group but have been classified to the Electrical Apparatus and Supplies Industry which is dealt with in a separate report.

Brass foundry departments which were run by iron foundries or by manufacturers of machinery, farm implements, etc., as a secondary or minor part of their operations, are not included in this group as, in such instances, separate reports were not required for the brass foundry divisions and all data concerning same were included in the industries of major importance. It is believed that there are in Canada about 300 brass foundries in all.

A total of 162 plants was included in this group during 1949, of which 92 were located in Ontario, 41 in Quebec, 19 in British Columbia, 6 in Manitoba, 1 in New Brunswick and 3 in Alberta. Ontario factories accounted for 58 per cent of the total production and Quebec plants for 36 per cent.

The average number of employees in 1949 was 9,389 compared with 10,661 in 1948, and salaries and wages aggregated \$22,943,888 as against \$24,251,055 for the previous year.

Note: Data for 1949 as shown in this report are not strictly comparable with those of previous years as, in accordance with the Standard Industrial Classification adopted by the Bureau in 1949, some firms were transferred to another industrial category. The value of production by the firms which were transferred in 1949 amounted in value to \$3,600,000.

TABLE 1. Principal Statistics of the Brass and Copper Products Industry, 1945-1949

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1945	161	13,267	\$ 25,680,949	\$ 2,091,380	\$ 53,655,695	\$ 105,150,750
1946	162	10,252	\$ 18,425,724	\$ 1,198,680	\$ 39,983,930	\$ 72,056,922
1947	161	10,417	\$ 21,227,616	\$ 1,567,005	\$ 60,387,706	\$ 96,549,840
1948	168	10,661	\$ 24,251,055	\$ 1,822,927	\$ 79,921,765	\$ 122,382,484
1949	162	9,389	\$ 22,943,888	\$ 1,662,442	\$ 73,045,193	\$ 115,407,796
Per cent change 1949 from 1948.....	-	- 12.0	- 5.4	- 8.8	- 8.6	- 5.7

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, insurance, advertising, etc.

NON-FERROUS METAL PRODUCTS

TABLE 2. Principal Statistics, by Provinces, 1948 and 1949

Province	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1948						
Quebec	41	3,420	7,281,486	671,227	30,546,433	43,005,412
Ontario	97	6,377	15,118,644	1,007,459	46,222,268	73,009,217
British Columbia.....	19	272	665,325	30,136	447,500	1,340,177
Manitoba	7	178	388,133	45,979	1,637,706	2,570,999
New Brunswick.....	1	414	797,467	68,126	1,067,858	2,456,679
Alberta	3					
Canada	168	10,661	24,251,055	1,822,927	79,921,765	122,382,484
1949						
Quebec	41	3,000	6,857,362	612,967	28,769,819	41,613,642
Ontario	92	5,471	14,129,326	911,309	41,701,658	67,314,435
British Columbia.....	19	253	516,604	21,666	326,815	1,162,002
Manitoba	6	181	399,449	46,697	1,205,860	2,055,454
New Brunswick.....	1	484	1,041,147	29,803	1,041,041	3,262,263
Alberta	3					
Canada	162	9,389	22,943,888	1,622,442	73,045,193	115,407,796

TABLE 3. Principal Statistics, by Sub-Groups, 1948 and 1949

	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1948						
Foundries making taps, valves, etc.....	15	3,401	7,304,828	359,144	4,988,332	17,151,597
Other brass and bronze foundries.....	102	5,169	12,365,145	1,212,169	35,672,799	56,694,457
Fabricating plants (not foundries).....	51	2,091	4,581,082	251,614	39,260,634	48,536,430
Total.....	168	10,661	24,251,055	1,822,927	79,921,765	122,382,484
1949						
Foundries making taps, valves, etc.....	15	3,089	7,190,687	321,052	4,757,029	17,751,554
Other brass and bronze foundries.....	100	4,403	11,335,243	1,120,064	31,393,438	52,541,845
Fabricating plants (not foundries).....	47	1,897	4,417,958	221,326	36,894,726	45,114,397
Total.....	162	9,389	22,943,888	1,662,442	73,045,193	115,407,796

Note. In Table 3, data for foundries are only for the foundries which were occupied chiefly in making valves, plumbers' goods, castings, etc., as their regular line of goods for sale. Brass foundry departments which were run by iron foundries or by manufacturers of machinery, etc., as a secondary or minor part of their operations are not included as, in such cases, separate reports are not required for the brass foundry divisions. Ingot makers are included with foundries as also are the concerns which make brass and roll same into rods, sheets, cartridge discs, etc.

TABLE 4. Materials Used in the Brass and Copper Products Industry, 1948 and 1949

Material	Unit of measure	1948		1949	
		Quantity	Cost at works	Quantity	Cost at works
Aluminum:			\$		\$
Ingots.....	lb.	1,917,593	374,515	1,524,898	301,134
Scrap.....	lb.	2,730,156	402,785	2,220,455	212,828
Other forms.....	lb.	869,551	326,278	449,825	177,563
Antimony.....	lb.	26,024	10,596	21,343	7,539
Brass:					
Ingots.....	lb.	12,763,927	2,410,591	11,493,262	1,969,433
Scrap.....	lb.	27,727,603	4,757,608	31,176,745	4,588,962
Bars and rods.....	lb.	3,261,463	876,235	3,441,936	883,950
Plates, sheets and strip.....	lb.	1,683,047	563,880	1,635,104	538,889
Pipe and tubing.....	lb.	806,542	303,920	854,238	308,742
Wire.....	lb.	1,248,929	435,575	1,245,098	521,547
Castings.....	lb.	503,177	201,620	491,607	200,691
Other forms.....	lb.	34,795	15,398	36,420	33,634
Bronze:					
Ingots:					
Aluminum bronze.....	lb.	640,341	135,360	454,702	92,447
Manganese bronze.....	lb.	381,711	84,691	612,871	116,475
Phosphor bronze.....	lb.	243,460	52,141	316,101	75,323
Silicon bronze.....	lb.	31,975	7,848	31,574	6,226
All other bronze ingots.....	lb.	10,490,285	2,001,387	8,123,800	1,515,484
Scrap.....	lb.	21,883,589	4,366,524	20,329,338	3,674,483
Bars and rods.....	lb.	123,614	38,139	33,392	10,854
Plates, sheets and strip.....	lb.	115,313	41,628	92,063	37,974
Wire.....	lb.	1,594,036	1,017,743	1,377,985	800,909
Castings.....	lb.	107,430	39,945	110,549	41,402
Other forms.....	lb.	15,137	5,147	10,181	3,841
Copper:					
Ingots, slabs, wire bars, etc.....	lb.	217,735,097	48,676,195	208,431,736	44,551,701
Scrap.....	lb.	9,994,719	2,043,766	10,936,990	1,993,578
Rods.....	lb.	16,522	6,173	19,843	7,944
Pipe and tubing.....	lb.	728,323	265,316	600,984	232,079
Plates, sheets and strip.....	lb.	836,044	309,607	754,155	286,403
Wire.....	lb.	616,378	182,859	444,627	144,036
Other forms.....	lb.	159,171	44,800	97,526	27,899
Lead:					
Pig.....	lb.	1,164,025	189,485	796,487	138,052
Scrap.....	lb.	423,146	76,718	515,741	78,293
Other forms.....	lb.	108,257	38,936	292,054	49,581
Magnesium.....	lb.	31,782	22,232	105,651	32,982
Manganese metal.....	lb.	11,289	2,826	28,085	6,809
Monel metal.....	lb.	151,692	86,130	169,437	105,463
Nickel.....	lb.	524,899	176,694	511,657	210,404
Nickel-copper shot.....	lb.	58,755	19,780	38,129	15,917
Nickel-silver, all forms.....	lb.	1,524,333	343,327	1,738,662	427,739
Silicon metal.....	lb.	10,618	2,025	5,363	985
Silver, fine.....	fine oz.	288	283	2,773	1,783
Tin:					
Ingots:					
Phosphor tin.....	lb.	106,200	93,705	104,352	109,864
Other tin ingots.....	lb.	187,967	155,608	87,181	87,506
Scrap.....	lb.	21	22	68,689	33,800
Other forms.....	lb.	—	125,957	97,366	86,885
Zinc:					
Ingots and slabs.....	lb.	11,266,786	1,601,051	10,926,871	1,522,772
Scrap.....	lb.	522,922	59,147	404,951	53,567
Sheets.....	lb.	431,886	112,132	489,900	109,466
Other forms.....	lb.	—	75,890	—	174,936
Other non-ferrous metals.....	lb.	3,311,411	597,086	—	609,219
Iron and steel:					
Pig iron.....	ton	3,433	179,006	4,219	202,671
Iron castings.....	ton	1,771	133,658	1,110	282,218
Steel castings.....	ton	82	75,818	85	94,630
Steel bars and rods.....	ton	830	126,086	386	98,364
Steel wire.....	ton	982	95,799	281	105,349
Steel sheets.....	ton	1,298	188,378	424	101,264
Iron and steel scrap.....	ton	2,435	83,613	2,181	68,674
Other iron and steel.....	ton	—	291,279	—	233,363
Lumber.....	M bd. ft.	785	68,208	1,114	93,379
Crucibles.....	—	—	51,969	—	62,091
Foundry coke.....	ton	3,889	80,704	2,986	65,932
Foundry facings.....	lb.	168,792	7,657	192,470	6,633
Foundry sands.....	ton	8,564	61,032	10,489	79,382
Graphite.....	lb.	59,416	10,362	63,081	13,387
Refractories.....	—	—	34,215	—	30,348
Other materials.....	—	—	4,162,097	—	3,845,204
Containers and packing materials.....	—	—	514,580	—	452,302
Total all materials.....	—	—	79,921,765	—	73,045,193

TABLE 5. Products Made in the Brass and Copper Products Industry, 1948 and 1949

	Unit of measure	1948		1949	
		Quantity	Gross selling value at works	Quantity	Gross selling value at works
Aluminum:			\$		\$
Castings	lb.	1,080,141	910,415	1,518,729	745,172
Other forms.....	-	-	535,818	-	550,605
Brass and bronze:					
Ingots.....	ton	8,572	3,395,852	8,172	2,744,674
Castings	ton	17,684	11,353,777	16,954	10,432,893
Scrap.....	ton	290	95,767	410	125,692
Other forms ¹	ton	24,909	14,919,006	23,217	14,432,638
Copper sheets, wire rods, tubing, etc.	ton	96,913	50,233,862	95,823	46,796,657
Fire extinguishers, hand type	-	-	917,151	-	1,162,648
Hardware.....	-	-	1,259,769	-	438,408
Lighting fixtures.....	-	-	541,149	-	489,991
Lightning rods and supplies	-	-	374,762	-	391,157
Plumbers' brass fittings.....	-	-	7,311,053	-	7,887,186
Cast iron plumbing fixtures	-	-	281,642	-	281,243
Valves:					
Iron and steel body.....	-	-	1,421,750	-	1,756,068
Brass and bronze, including radiator valves and traps	-	-	4,023,516	-	3,212,507
Ships' fittings	-	-	129,000	-	68,009
Steam boiler trimmings, including gauge cocks and water gauge mountings	-	-	250,280	-	278,402
Wire cloth of brass, bronze or monel.....	sq. ft.	5,175,751	4,525,529	4,827,174	4,252,892
All other products, including items made by only 1 or 2 concerns ²	-	-	19,902,386	-	19,360,954
Total All Products	-	-	122,382,484	-	115,407,796

1. Includes bars, rods, sheets, strips, tubing, powder, etc.

2. Includes railway car fittings, kettles, cosmetic containers, gauges, brewery distillation equipment, zipper fasteners, gas and water meters, etc.

Note. The data in this table are for the Brass and Copper Products Industry only and do not necessarily represent the total Canadian output of the items that are listed. Concerns in other industries may have made such articles as secondary products. The total production of plumbers' brass fittings and hand type fire extinguishers from all industries is shown in Tables 6 and 7.

TABLE 6. Total Production in Canada of Plumbers' Brass Fittings, 1948 and 1949 (From all industries)

Product	1948	1949
	Selling value at works	Selling value at works
Tub fillers, showers, and combinations of same.....	\$	\$
Traps, drains, supplies and other tubular fittings.....	1,345,600	1,383,000
Stops and stop and drains	2,155,522	1,914,000
Sink faucets and sink combinations.....	1,124,352	1,366,000
Lavatory and bath faucets, lavatory combinations	1,253,351	1,283,000
Closet tank fittings	1,288,056	1,048,000
All other brass plumbing fittings	306,194	695,000
Total.....	2,576,863	3,363,000
	10,049,938	11,052,000

TABLE 7. Total Production in Canada of Hand Type Fire Extinguishers, 1940-1949 (From all industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1940.....	620,000	1945.....	1,308,000
1941.....	775,000	1946.....	896,000
1942.....	877,000	1947.....	713,000
1943.....	1,100,000	1948.....	967,000
1944.....	1,283,000	1949.....	1,225,000

TABLE 8. Imports into Canada of Brass and Copper and Their Products, 1948 and 1949

Item	1948		1949	
	Quantity	Value	Quantity	Value
Brass and Its Products:				
Brass in blocks, ingots or pigs..... cwt.	2,260	40,269	11	494
Brass scrap..... cwt.	6,307	82,361	36,830	649,224
Brass in bars or rods..... cwt.	4,418	125,675	3,917	126,177
Brass in strips, sheets or plates..... cwt.	4,402	190,023	4,118	196,840
Brass tubing..... cwt.	10,993	553,216	9,213	457,638
Metal caps, for use in the manufacture of electric batteries.....	—	39,017	—	43,467
Coin locks of which solid brass or bronze are the components of chief value, plain, polished or plated.....	—	1,829	—	1,956
Pumps, hand, brass, n.o.p.....	—	10,053	—	21,185
Valves, brass.....	—	1,785,135	—	1,944,914
Meters, brass and parts, n.o.p.....	—	203,646	—	148,556
Brass wire, for the manufacture of fourdrinier wires or of paper-machine wire cloth.....	—	85,180	—	35,555
Wire, brass, n.o.p..... lb.	111,907	49,561	135,798	74,399
Wire cloth, or woven wire of brass, n.o.p.....	—	161,345	—	139,737
Manufactures of brass, n.o.p.....	—	6,406,377	—	8,868,118
Copper and Its Products:				
Copper, in blocks, pigs or ingots..... cwt.	15	853	189	6,015
Copper scrap; cathode plates of electrolytic copper for melting..... cwt.	850	13,016	7,606	137,380
Copper in bars or rods, for the manufacture of trolley, telegraph and telephone wires, electric wires, electric cables and electrical conductors..... cwt.	39,316	778,340	28,569	581,110
Copper in bars or rods, n.o.p..... cwt.	1,379	51,584	1,453	51,065
Copper in strips, sheets or plates..... cwt.	2,537	91,588	2,418	113,824
Copper tubing..... cwt.	11,504	479,245	6,828	329,091
Copper rollers and stones, used in the printing of textile fabrics or wallpaper.....	—	67,714	—	171,536
Copper wire, n.o.p..... lb.	496,693	219,384	91,735	48,309
Copper wire cloth or woven wire of copper.....	—	6,286	—	6,772
Copper, manufactures of, n.o.p.....	—	704,558	—	567,378

Note. "n.o.p." means "not otherwise provided for".

TABLE 9. Exports from Canada of Brass and Copper and Their Products, 1948 and 1949

Item	1948		1949	
	Quantity	Value	Quantity	Value
		\$		\$
Brass and Its Products:				
Brass scrap, dross and ashes..... cwt.	107,268	1,346,121	65,756	754,637
Brass in bars, ingots, rods, strips, sheets and plates	60,561	1,561,317	88,124	2,510,073
Brass tubing..... cwt.	2,868	98,467	2,254	75,055
Brass valves	—	896,957	—	339,677
Brass manufactures, n.o.p.	—	773,861	—	599,888
Copper and Its Products:				
Copper scrap, slag, skimmings and sludge cwt.	104,917	1,881,698	70,324	1,143,857
Copper in ingots, bars, cakes, slabs and billets	2,323,388	50,682,650	2,543,209	53,714,754
Copper in rods, strips, sheets and plates..... cwt.	559,376	13,503,801	621,086	14,370,505
Copper tubing	13,412	504,408	9,498	368,512
Copper wire and cable, insulated	—	2,009,523	—	1,787,164
Copper wire, bare	—	1,070,226	—	319,109
Copper wire screen	—	189,200	—	66,757
Copper manufactures, n.o.p.	—	56,238	—	29,563

TABLE 10. Employees and Their Earnings in the Brass and Copper Products Industry, by Provinces, 1948 and 1949

Province	Average Number of Employees				Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers
	Male	Female	Male	Female			
						\$	\$
							\$
1948							
Quebec	409	172	2,588	251	3,420	1,752,904	5,528,582
Ontario	677	343	4,617	740	6,377	3,267,050	11,851,594
British Columbia.....	58	9	200	5	272	166,583	498,742
Other provinces	58	12	472	50	592	230,757	954,843
Canada	1,202	536	7,877	1,046	10,661	5,417,294	18,833,761
1949							
Quebec	402	158	2,312	128	3,000	1,845,926	5,011,436
Ontario	665	342	4,002	462	5,471	3,195,961	10,933,365
British Columbia.....	88	10	154	1	253	159,778	356,826
Other provinces	77	26	510	52	665	339,063	1,101,533
Canada	1,232	536	6,978	643	9,389	5,540,728	17,403,160

Directory of Firms Included in the Brass and Copper Products Industry in Canada - 1949

Note. This Directory carries only the names of the concerns which the Bureau has classified to the Brass and Copper Products Industry. This industry includes all works which were engaged chiefly in making brass and bronze or articles (other than wire or electrical equipment) from brass, bronze and copper. Manufacturers of copper wire and cable and of electrical equipment have been classified to the Electrical Apparatus Industry, which is covered in a separate bulletin. A complete list of brass foundries may be obtained by writing direct to the Dominion Bureau of Statistics, Ottawa, Canada.

Name of Firm	Location of Plant
--------------	-------------------

(a) Foundries Engaged Chiefly in Making Brass Valves, Taps, Plumbers' Supplies, etc.**New Brunswick:**

McAvity & Sons, T., Ltd.....	Rothesay Ave., Saint John
------------------------------	---------------------------

Quebec:

Cuthbert, W. R., & Co.	55 Duke St., Montreal
Golden Gate Manufacturing Co. Ltd.	361 Youville St., Montreal
Jenkins Bros. Limited.....	617 St. Rémi St., Montreal, and St. Joseph St., Lachine
Robertson, James, Company Limited.....	946 William St., Montreal

Ontario:

Canadian Brass Company, Limited.....	415 Dundas St., Galt
Empire Brass Manufacturing Company Limited.....	Dundas St. E., London
Galt Brass Company, Limited.....	471 Dundas St., Galt
Morrison, James, Brass Manufacturing Co. Ltd.	276 King St. W., Toronto
Mueller, Limited.....	Clifford St., Sarnia
Penberthy Injector Co. Limited.....	159 Windsor Ave., Windsor
Prescott Brass Manufacturing Co. Ltd.	Prescott
Wallaceburg Brass Ltd.	Wallaceburg
Wolverine Brass Company Limited	918 Palmerston Ave., Toronto

**(b) Firms Engaged Chiefly in Operating Brass and Bronze Foundries
(Other than for Valves, Taps, etc.)****Quebec:**

Archambault Foundry Reg'd.	8016 Henri Julien St., Montreal
Bougie, Roland	220 Ellice, Valleyfield
Bouliane Brass Foundry.....	2020 Labreque St., Montreal
Canadian Bronze Powder Works Limited	Valleyfield
Dominion Brass & Aluminum Foundry Co.	24 Mont Vernon Ave., Ville St. Pierre
Clark, C. O., & Bros. Reg'd.	355 Canal Rd., Lachine
Eastern Brass Foundry, Limited	514 Harbour St., Montreal
Empire Brass Foundry Limited.....	137 Nazareth St., Montreal
Hazel, James & Son	130 Mgr. Gauvreau St., Quebec
Industrial Pattern & Foundry Works, Reg'd.	1427 Maisonneuve St., Montreal
Lauzon Brass and Aluminum Foundry.....	50 Carrier St., Lauzon
Miller's Brass Foundry, Reg'd.	791 Hertel St., Three Rivers
Mitchell, Robert, Co. Limited, The.....	750 Belair Ave., Montreal and 64 Monkland Blvd., St. Laurent
Montreal Bronze Limited.....	999 Delormier Ave., Montreal
National Foundry Reg'd.	1722 Champigny St., Montreal
Noranda Copper and Brass Limited.....	Sherbrooke and Durocher St., Montreal East
Regent Brass Foundry	7980 Dryden Ave., Ville St. Michel
Reliance Foundry	915 St. Martin St., Montreal
Sicotte, Paul	73 Dubois, Ste. Thérèse
Union Screen Plate Company of Canada, Limited.....	72 Main St., Lennoxville
Vandervoerde Foundry	1990 Kent St., Montreal
Victory Brass & Aluminum Foundry	5244A Casgrain St., Montreal

Ontario:

Acme Brass Company	Horner Ave., Etobicoke
Anaconda American Brass Limited	8th Street, New Toronto
Atkins & Hoyle Limited	69 Portland St., Toronto
Beare Brass Foundry.....	57 Grey St., Brantford
Bond Brass Limited.....	110 McArthur Ave., Eastview
Bowman Bronze Company	26 Railway St., Hamilton
Canadian General Electric Company Limited	Lansdowne Ave., Toronto
Chadwick Carroll Brass & Fixtures Ltd.	365 Wilson St., Hamilton
Coulter Copper & Brass Company, Limited.....	115 Sumach St., Toronto
Dean Brothers.....	132 Simcoe St., Toronto

Directory of Firms Included in the Brass and Copper Products Industry in Canada, 1949 - Con.

Name of Firm	Location of Plant
(b) FIRMS ENGAGED CHIEFLY IN OPERATING BRASS AND BRONZE FOUNDRIES - CON. (OTHER THAN FOR VALVES, TAPS, ETC.)	
Ontario - Con.:	
Dominion Gas Meter Company, Limited, The	1-11 Garfield Ave., London
Elmira Aluminum Specialties	Elmira
Ferguson, Robt. J., & Sons	64 Booth St., Ottawa
Fisher and Son	366 Wilson St., Hamilton
Galt Castings Limited	199 Samuelson St., Galt
General Castings Limited	146-30th St., Long Branch
Guelph Brass & Aluminum Works	17 Division St., Guelph
Hanover Foundries	Hanover
Inkerman Alloys Foundry	44 Inkerman St., Guelph
Kilby, Wm., & Son	360 East St., Orillia
Kitchener Brass & Aluminum Foundry	388 Wendell Ave., Kitchener
Lawrence, T. C., & Sons	17 Jarvis St., Galt
The Long Branch Foundry	28 Brown's Line, Toronto
May Foundry Co.	2018 Buchanan St., Niagara Falls
McKay Smelters, Limited	20 Charlevoix St., Ottawa
Merritton Bronze	Boyle Rd., Merritton
Morris Precision Castings	30 Bridgman St., Toronto
National Brass & Aluminum Foundry	117 St. Patrick St., Toronto
Neptune Meters, Limited	Long Branch
Niagara Bronze	747 Buttery St., Niagara Falls
Non-Ferrous Castings Company	65 Frederick St., Toronto
Potts Pattern Works Ltd.	1979 Dundas St. W., Toronto
Quality Brass Foundry	29 Wabash St., Toronto
Queen City Brass Foundry	28 Dalhousie St., Toronto
Rahn Metals Limited	Regina St., North Bay
Robinson, J., & Son	2 Hinton Ave., Ottawa
Royal Brass & Aluminum Foundry	6 Widmer St., Toronto
St. Catharines Brass Works, Ltd.	62 George St., St. Catharines
St. Thomas Bronze Company, Limited	First Ave., St. Thomas
Sheratt, W., & Son	6 Britain St., Toronto
Sloski, E.	71 Browns Ave., Toronto
Standard Brass & Aluminum Foundry	70 Kingsmill Ave., Guelph
Standard Brass Foundry	561 Catharine St. N., Hamilton
Stoermer Bell & Brass Foundry	Kitchener
Tallman, A. H., Bronze Company Limited	Cavell Ave., Hamilton
Thunder Bay Foundries	12 Gordon Ave., Port Arthur
Usarco Limited	363 Wellington St. N., Hamilton
Wagman, Z., & Son Ltd.	190 Edwin Ave., Toronto
Wilson Brass & Aluminum Foundries	5 Hamilton St., Toronto
Wilson & Cousins, Limited	35 McCaul St., Toronto
Windsor Brass Works, Limited	408 Hanna St. E., Windsor
Windsor Match Plates Co.	911 Cadillac St., Windsor
Zenith Alloys Company	13 Dundas St., Brantford
Manitoba:	
Bay Bronze Co.	Pacific and Yoeman Sts., Winnipeg
Northwestern Brass, Limited	13 Bury St., Winnipeg
Western Canada Bronze Company	595 Clifton St., Winnipeg
Winnipeg Brass Limited	600 Clifton St., Winnipeg
Alberta:	
Northwestern Brass, Limited	1609-24th Ave. E., Calgary
Paragon Bronze & Aluminum Products	511-3rd Ave. W., Calgary
British Columbia:	
A-1 Pattern Shop & Brass Foundry	29 West 3rd Ave., Vancouver
Fraser Brass Foundry	360 Scott Rd., R.R. #7, New Westminster
Georgia Foundry Limited	22 E. 5th Ave., Vancouver
Green, Wm., & Sons Brass Foundry	515 Pembroke St., Victoria
Hastings Brass Foundry Ltd.	236 Clark Drive, Vancouver
Hi-Way Foundry	506 Island Highway, Victoria
Lansco Foundries Limited	1865 West Georgia St., Vancouver
McPhail, Wm., & Sons (Canada) Ltd.	251 East Second Ave., Vancouver
Northwestern Brass & Bronze Foundry	1869 West Georgia St., Vancouver
North Shore Brass & Aluminum	234 E. Esplanade St., N. Vancouver
Ornamental Bronze Company, Ltd.	1125 Vernon Drive, Vancouver
Pacific Bronze Co.	244 Woodland Drive, Vancouver

Directory of Firms Included in the Brass and Copper Products Industry in Canada, 1949 — Conc.

Name of Firm	Location of Plant
(b) Firms Engaged Chiefly in Operating Brass and Bronze Foundries — Conc. (Other than for Valves, Taps, etc.)	
British Columbia — Conc.	
Pioneer Foundry & Machine Works Ltd.	707-4th. Ave. N., Port Alberni
Smith Bros. Foundry, Limited	632 Pembroke St., Victoria
Sumner Brass Foundry Ltd.	619 Bidwell St., Vancouver
Vancouver Metals Company Limited	2235 Triumph St., Vancouver
Westcoast Metal Products	1175 Glen Drive, Vancouver
Wilson's Brass Foundry.....	22 East Second Ave., Vancouver
(c) Firms Engaged Chiefly in Making Fabricated Articles (Not Foundries)	
Quebec:	
Booth-Coulter Coppersmithing Co., Ltd.	997 Wellington St., Montreal
Brass & Bronze Manufacturing Co.	1071 Panet St., Montreal
Canada Wire & Cable Co. Limited	Sherbrooke and Durocher Sts., Montreal East
Cassidy and Maillard, Limited	1575 Craig St. E., Montreal
Christie, George, Canada, Ltd.	2106 Bellefeuille St., Three Rivers
Fayle Coppersmith Works Limited.....	910 Wellington St., Montreal
Frigi Ltée	1290 Jean Talon Est, Montreal
Guard-X Reg'd.	6579 St. Denis St., Montreal
Industrial Spinning Co. Ltd.	3850 Ontario St. E., Montreal
Johnson Wire Works, Ltd., The.....	530 De Courcelles St., Montreal
Kidde, Walter, & Company of Canada Ltd.	6975 Jeanne Mance St., Montreal
Lawson Machine Works Ltd.	425 River St., Section Q, Montreal
Statham, E.	430 Maple Ave., St. Lambert
Ontario:	
Booth, W. E., Co. Ltd.	12 Mercer St., Toronto
Breen Wire Products Ltd.	64 Merton St., Toronto
Brockville Fire Extinguisher Co.	Brock St., Brockville
Brydon Brass Manufacturing Co. Limited.....	927 Dufferin St., Toronto
Canadian Meter Company, Limited	90 Caroline St. N., Hamilton
Canadian Terrazzo Metal Strip Co. Ltd.	330 Geary Ave., Toronto
Capital Wire Cloth & Manufacturing Co. Ltd., The.....	Hinton Ave., Ottawa
Dodd & Struthers.....	1721 Moy Ave., Windsor
Dominion Brass Products Ltd.	65 Saulter St., Toronto
Dominion Lightning Rod Company.....	63 Main St., Dundas
Dominion Oxygen Co. Ltd.	207 Queen's Quay W., Toronto
Durham Pure Copper Lightning Rod Conductor.....	Queen St., Durham
Fyr-Fyter Company of Canada, Ltd.	589 Cannon St. E., Hamilton
General Detroit Corp. Canada Ltd.	978 St. Luke Rd., Windsor
Johnston Copper & Brass Limited	11 New St., Toronto
Kurly Kate (Canada) Limited.....	49 Colborne St., Toronto
Lauder Brass Company Limited.....	186 Adelaide St. W., Toronto
Metal Textile Corporation of Canada, Ltd.	126 Catherine St. N., Hamilton
Millman, W. H., & Sons	107 Front St. E., Toronto
Niagara Wire Weaving Company Limited.....	Robinson St., Niagara Falls
Ottawa Brass Mfg. Co.	542 Wellington St., Ottawa
Phillips, B., Company Limited.....	32 Osborne Ave., Toronto
Phillips Electrical Works Ltd.	Kingston Road, Brockville
Pyrene Manufacturing Co. of Canada, Limited	91 East Don Roadway, Toronto
Riverdale Copper & Brass Works	160 Duchess St., Toronto
S & S Metal Spinning Company	2298 Dundas St. W., Toronto
Toronto Coppersmithing Company	80 Knox Ave., Toronto
Turner Metal Products.....	123 Willow St., Paris
United-Carr Fastener Company of Canada, Limited.....	Gage Ave. and Beach Road, Hamilton
Universal Lighting Rod Company	Hespeler
Manitoba:	
Canadian Electric & Brass Ltd.	574½ Minto St., Winnipeg
Wawanesa Mutual Insurance Co. (Commercial Department).	Wawanesa
Alberta:	
Winter's Metal Spinning Works.....	510-6th Ave. W., Calgary
British Columbia:	
Ellett Copper & Brass Co. Ltd.	92 West 2nd Ave., Vancouver

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010655593