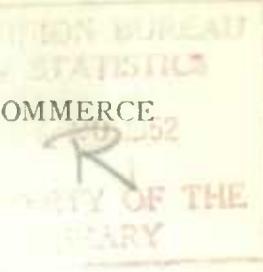


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DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE
CANADA



THE IRON CASTINGS INDUSTRY
1950

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 XII, Iron and Steel Products. 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, 25¢.
- B The Agricultural Implements Industry, 25¢.
- C The Boilers and Plate Work Industry, 25¢.
- D The Bridge Building and Structural Steel Industry, 25¢.
- E The Hardware, Tools and Cutlery Industry, 25¢.
- F The Heating and Cooking Apparatus Industry, 25¢.
- G The Machinery Industry, 25¢.
- H The Machine Shops Industry, 25¢.
- I The Iron Castings Industry, 25¢.
- J The Primary Iron and Steel Industry, 35¢.
- K The Sheet Metal Products Industry, 25¢.
- L The Wire and Wire Goods Industry, 25¢.
- M The Miscellaneous Iron and Steel Products Industry, 25¢.

THE IRON CASTINGS INDUSTRY

1950

This industry covers the operations of iron and steel works which were occupied chiefly in making commercial iron castings or iron and steel pipe and tubing. Some machinery, boilers, engines, stoves and furnaces, etc., were made as secondary or minor products.

Some iron foundries have not been included in the Iron Castings Industry but have been classified to other special groups. For example, some makers of agricultural implements operated iron foundries to make castings for their own use and these concerns have, of course, been included in the Farm Implements Industry which is reviewed in a separate bulletin. Similarly, some stove manufacturers operated iron foundries but they have been classified to the Cooking and Heating Apparatus Industry which is covered in a separate report.

In 1950 there were 218 establishments in the Iron Castings Industry distributed by provinces, as follows: Ontario, 102; Quebec, 59; British Columbia, 22; Manitoba, 8; Nova Scotia, 7; Saskatchewan, 7; New Brunswick, 5; Alberta, 5; Prince Edward Island, 2; Newfoundland, 1. Production from these works was valued at \$142,361,845 at factory prices and they employed a total of 17,567 persons, paid out \$47,718,307 for salaries and wages, \$3,632,883 for fuel and electricity, and \$60,200,601 for manufacturing materials.

Tables 1 to 4 and 7 of this report are for the Iron Castings Industry only. Tables 5 and 6 give the total output in Canada, from all industries, of iron and steel pipe and tubing and miscellaneous iron castings.

TABLE 1. Principal Statistics of the Iron Castings Industry, 1946 - 1950

Year	Number of plants	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	Net ¹ value of production
1946	219	16,925	\$ 31,381,935	\$ 2,346,480	\$ 27,546,850	\$ 82,278,070	\$ 52,384,740
1947	216	18,167	38,201,506	2,627,481	36,201,211	102,515,842	63,687,150
1948	225	19,354	46,387,940	3,318,540	49,005,345	123,738,693	71,414,808
1949	231	18,339	46,165,355	3,117,227	55,315,454	133,313,505	74,880,824
1950	218	17,567	47,718,307	3,632,883	60,200,601	142,361,845	78,528,361
Per cent change 1950 from 1949	-	+ 4.2	+ 3.4	+ 16.5	+ 8.8	+ 6.8	+ 4.9

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.

1. Gross value less cost of materials, fuel and electricity.

TABLE 2. Principal Statistics of the Iron Castings Industry, by Provinces, 1949 and 1950

Province	Number of plants	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
			\$	\$	\$	\$
1949						
Prince Edward Island	2	361	718,293	72,373	610,231	1,635,796
Nova Scotia	8	109	147,643	10,634	89,301	350,787
New Brunswick	7	3,944	9,594,199	642,942	13,128,656	29,462,754
Quebec	58	12,173	31,681,711	2,159,601	38,038,298	91,627,925
Ontario	112	725	1,675,497	67,717	1,301,491	4,004,137
Manitoba	7	146	256,186	18,941	225,036	620,278
Saskatchewan	7	342	793,304	25,925	536,283	1,912,156
Alberta	22	539	1,298,522	119,094	1,386,158	3,698,672
British Columbia	231	18,339	46,165,355	3,117,227	55,315,454	133,313,505
Canada						
1950						
Newfoundland	1	362	745,295	74,724	705,168	1,698,342
Prince Edward Island	2	104	134,265	12,189	44,520	300,104
Nova Scotia	7	3,762	9,739,299	710,816	14,617,180	29,807,947
New Brunswick	5	11,679	33,130,554	2,623,550	41,349,109	99,400,473
Quebec	59	725	1,800,270	42,973	1,529,620	5,547,692
Ontario	102	143	255,242	19,531	232,837	665,603
Manitoba	8	207	451,146	16,547	335,135	996,311
Saskatchewan	5	585	1,462,236	132,553	1,387,032	3,945,373
Alberta	22	17,567	47,718,307	3,632,883	60,200,601	142,361,845
Canada						

TABLE 3. Products Made by Firms Included in the Iron Castings Industry, 1949 and 1950

Product	1949			1950		
	Tonnage made	Tonnage sold	Selling value at works	Tonnage made	Tonnage sold	Selling value at works
Commercial castings:			\$			\$
Aluminum	823	810	778,192	721	705	684,263
Grey iron	190,272	186,173	30,550,301	202,111	197,728	32,748,879
Malleable iron	33,145	31,898	8,541,999	32,218	31,465	8,117,237
Brass	396	389	304,579	492	485	422,364
Bronze	89	89	69,873	63	63	49,524
Pipe, tubing and fittings, iron and steel	327,144	324,620	52,498,334	403,390	375,943	59,404,564
Pipe fittings (except iron and steel) and other plumbers' goods (other than valves)	—	—	3,219,955	—	—	3,521,970
Sanitaryware, enamelled, cast iron	—	—	10,987,851	—	—	12,418,432
Heating and cooking apparatus (stoves, furnaces, etc.)	—	—	2,605,606	—	—	2,486,099
Machinery and parts	—	—	5,055,625	—	—	2,414,517
Valves (iron, steel, brass and bronze) including radiator valves and traps	—	—	3,115,410	—	—	4,038,808
All other products	—	—	14,395,205	—	—	14,583,245
Receipts from custom work and repairs	—	—	1,190,575	—	—	1,471,943
Total	—	—	133,313,505	—	—	142,361,845

Note: Data given in this table cover only the output of firms which were engaged chiefly in making commercial iron castings, iron and steel pipe and fittings, and which have been classified to the Iron Castings Industry. Figures for the individual items do not represent the total output for Canada as in each case there was also a production in other industrial groups. Supplementary tables have been added to show total production in Canada of iron castings and of iron and steel pipe and tubing.

TABLE 4. Materials Used in the Iron Castings Industry, 1949 and 1950

Material	Unit of measure	1949		1950	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron:					
Pig iron, all grades.....	ton	210,401	9,822,518	236,909	10,990,789
Iron castings of all kinds.....	ton	6,147	1,212,525	5,381	1,200,216
Steel, hot or cold rolled:					
Steel castings.....	ton	207	80,761	984	304,886
Billets.....	ton	24,121	1,890,768	16,965	1,327,985
Bars.....	ton	4,215	422,976	11,799	999,343
Forgings.....	—	—	21,342	—	22,739
Plates.....	ton	2,681	303,597	2,875	424,791
Shafting.....	ton	444	88,249	—	61,242
Sheets:					
Galvanized.....	ton	487	75,115	406	65,245
Plain (black).....	ton	3,442	347,092	3,259	378,900
Polished.....	ton	2	270	2	300
Skelp.....	ton	185,353	15,193,334	185,952	15,726,722
Strip.....	ton	66	8,428	6,825	739,629
Stampings.....	—	—	726,879	—	718,695
Structural shapes (channels, angles, etc.).....	ton	2,617	273,484	2,126	280,211
Wire.....	ton	4,845	409,589	3,875	360,587
Alloy steel.....	—	—	185,904	—	202,628
Scrap iron and steel of all kinds.....	ton	223,414	6,538,437	248,189	7,684,950
Other iron and steel (except finished parts).....	—	—	741,535	—	223,820
Perro-alloys.....	—	—	573,848	—	604,015
Non-ferrous metals (including scrap):					
Aluminum.....	pound	2,093,829	456,306	2,257,226	480,928
Brass and bronze.....	pound	5,609,955	1,196,804	5,589,891	1,342,913
Copper.....	pound	346,714	83,609	540,187	134,400
Lead.....	pound	97,732	28,510	106,284	19,192
Nickel.....	pound	417,533	162,588	491,028	238,569
Tin.....	pound	2,643	2,964	13,648	14,030
Zinc.....	pound	15,958,070	2,033,259	11,282,628	1,698,675
Babbitt metals and solders.....	pound	419,589	72,329	71,658	21,959
Other non-ferrous metals.....	—	—	56,070	—	55,540
Articles used for further manufacture:					
Parts for stoves, machines, etc.....	—	—	1,162,747	—	1,180,763
Iron and steel pipe, tubing and fittings.....	—	—	292,320	—	1,132,461
Frit for enamelling.....	—	—	467,293	—	381,518
Feldspar.....	ton	520	13,011	534	13,936
Paints, oils and varnishes.....	—	—	97,513	—	96,296
Other materials and supplies:					
Foundry coke (used in cupola, not for heat or power).	ton	96,980	2,347,746	99,917	2,648,752
Moulding sands.....	ton	59,615	357,984	53,434	380,716
Core sands.....	ton	79,210	300,021	82,120	344,276
Silica sand for sand-blasting.....	ton	4,433	36,207	4,328	39,287
Other foundry sands.....	ton	7,188	43,888	13,143	60,936
Starch.....	pound	303,869	23,101	857,815	50,436
Plumbago.....	pound	524,897	38,842	479,753	41,828
Other foundry facings.....	pound	5,385,138	141,503	7,400,602	147,980
Patterns and models.....	—	—	95,520	—	104,558
Lumber.....	M ft. b.m.	3,790	317,411	3,666	319,600
Firebrick.....	no.	2,052,077	320,502	2,133,312	342,429
Fireclay.....	ton	8,533	82,849	9,500	85,404
Cupola blocks.....	no.	341,830	94,441	367,517	132,304
Core oil.....	Imp. gal.	254,626	263,650	325,292	262,733
Core compound.....	pound	2,372,386	111,435	1,854,932	79,056
Sulphuric acid, 100%.....	pound	6,034,036	69,770	3,758,787	44,533
Acetylene.....	cu. ft.	1,329,183	41,873	1,283,589	34,270
Oxygen.....	cu. ft.	17,487,828	118,494	11,077,205	91,936
Shipping containers.....	—	—	844,489	—	871,872
All other materials and supplies.....	—	—	4,623,954	—	4,988,822
Total.....	—	—	55,315,454	—	60,200,601

TABLE 5. Factory Sales of Iron and Steel Pipe and Tubing, 1949 and 1950 (From all industries)

		1949	1950
Cast iron soil pipe and fittings	ton	39,622	51,300
Cast iron water pipe and fittings	\$	6,837,214	9,042,000
Cast iron pipe fittings, all other, including flanges and flange fittings	ton	88,560	93,300
Cast iron pipe fittings, all other, including flanges and flange fittings	\$	8,863,539	9,335,000
Malleable iron pipe fittings of all kinds, including railing fittings	ton	13,227	14,600
Malleable iron pipe fittings of all kinds, including railing fittings	\$	3,310,135	3,840,000
Steel pipe, buttweld and lapweld, all sizes	ton	11,497	10,800
Steel pipe, buttweld and lapweld, all sizes	\$	6,279,235	6,644,000
Steel pipe, riveted or welded (from plate)	ton	163,571	148,100
Steel pipe, riveted or welded (from plate)	\$	23,754,051	23,764,000
Steel pipe fittings, all kinds	ton	4,364	4,600
Steel pipe fittings, all kinds	\$	1,474,413	2,222,000
Steel pipe, riveted or welded (from plate)	ton	3,953	1,300
Culvert pipe formed from steel sheets	\$	1,188,958	282,000
Steel tubing, including seamless, boiler, light cold formed, etc.	ton	5,378,000	5,944,000
Steel tubing, including seamless, boiler, light cold formed, etc.	\$	33,874	85,000
Total value.....	\$	63,516,957	70,714,000

APPENDIX

As mentioned in the opening paragraphs of this report, the Iron Castings Industry includes only the foundries which were engaged chiefly in making miscellaneous castings and forgings to their customers' orders, or in making such specific products as cast iron or malleable iron pipe and fittings or cast iron sanitaryware. Some other concerns operated customs foundries as a secondary part of their business, and others maintained foundries to cast their own parts for agricultural implements, machinery, stoves, etc., which were the

final products of their works. These latter foundries have been classified to other industrial groups.

A special study of all reports submitted to the Bureau indicates that in 1950 there were about 400 operating foundries distributed across Canada. In 1950 these foundries used 406,000 net tons of pig iron, 569,000 net tons of scrap iron, and 197,000 net tons of cupola coke, and production of iron castings totalled 779,000 tons.

TABLE 6. Total Production of Iron Castings, and Materials Charged to Cupolas, 1948-1950

		1948	1949	1950
Pig iron used.....	net tons	439,101	380,000	406,000
	\$	17,909,408	17,806,000	19,134,000
Scrap iron and steel used	net tons	539,406	532,000	569,000
	\$	14,569,533	14,673,000	16,488,000
Coke used in cupolas or melting furnaces	net tons	208,269	195,000	197,000
	\$	4,660,450	4,616,000	5,227,000
Iron castings made (whether for sale or for own use):				
Gray and white iron castings ¹	net tons	503,000	579,000	565,000
Malleable iron	net tons	43,000	43,000	48,000
Cast iron pipe and fittings	net tons	152,000	146,000	155,000
Malleable iron pipe fittings	net tons	11,000	10,000	11,000
Total castings	net tons	709,000	778,000	779,000

1. Estimated from monthly statements by 200 iron foundries which in 1950 accounted for about 85 per cent of total production.

TABLE 7. Employees and their Earnings in the Iron Castings Industry, 1949 and 1950

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female		\$	\$	
1949								
Prince Edward Island	29	11	317	4	361	86,471	631,822	718,293
Nova Scotia	33	4	70	2	109	38,760	108,883	147,643
New Brunswick		159	3,266	90	3,944	1,594,580	7,999,619	9,594,199
Quebec	429	355	10,769	235	12,173	3,991,090	27,690,621	31,681,711
Ontario	314	355						
Manitoba	89	37	598	1	725	383,840	1,291,657	1,675,497
Saskatchewan	18	8	115	5	146	71,732	184,454	256,186
Alberta	39	13	283	7	342	162,590	630,714	793,304
British Columbia	58	19	461	1	539	237,944	1,060,578	1,298,522
Canada	1,509	606	15,879	345	18,339	6,567,007	39,598,348	46,165,355
1950								
Newfoundland	30	10	314	8	362	84,534	660,761	745,295
Prince Edward Island		168	3,083	89	3,762	1,773,956	7,965,343	9,739,299
Nova Scotia	29	3	71	1	104	28,280	105,985	134,265
New Brunswick	422	372	10,248	216	11,679	4,459,968	28,670,586	33,130,554
Quebec	843	33	585	—	725	455,191	1,345,079	1,800,270
Ontario	107	7	111	4	143	78,916	176,326	255,242
Manitoba	21	7	168	3	207	105,088	346,058	451,146
Saskatchewan	29	7	495	7	585	262,933	1,199,303	1,462,236
Canada	1,543	621	15,075	328	17,567	7,248,866	40,469,441	47,718,307

Directory of Firms Included in the Iron Castings Industry, 1950

Note: The following list includes only names of the concerns which have been classified to this particular industry. It is not intended to be a complete list of iron foundries in Canada.

Name of Firm	Location of Plant
Newfoundland:	
Corner Brook Foundry & Machine Co. Ltd.	Corner Brook
Prince Edward Island:	
Parker, H. W.	Georgetown
Stewart, Bruce, and Co. Limited	6 Great George St., Charlottetown
Nova Scotia:	
Dartmouth Iron Foundry	42 Maple St., Dartmouth
Enamel and Heating Products Limited	Station St., Amherst
Fleming Bros	1595 Barrington St., Halifax
Hanright Foundry Co.	10 Highfield St., Amherst
Hillis and Sons, Ltd.	209 Hollis St., Halifax
Matheson, I., Co. Limited	Box 1101, New Glasgow
New Glasgow Foundry	New Glasgow
New Brunswick:	
Courtenay Iron and Brass Foundry	169 Rothesay Ave., Saint John
Dunbar Engine and Foundry Co.	Box 63, Woodstock
McLennan Engineering Works Ltd.	Campbellton
Moncton Foundry & Machine Co. Limited	Beaverbrook St., Moncton
Phoenix Foundry Company	150 Station St., Saint John

Directory of Firms Included in the Iron Castings Industry, 1950 — Continued

Name of Firm	Location of Plant
Quebec:	
A la Vieille Forge Enrg.	St. Césaire
Boisclair, Antoine	St. Gabriel de Brandon
Canada Iron Foundries, Limited	227 St. Maurice St., Three Rivers
Canadian National Foundry	Grand'Mère
Canadian Tube and Steel Products, Limited	5765 Hamilton St., Montreal
Crane, Limited	3800 St. Patrick St., Cote St. Paul, Montreal
Crane Steelware Ltd.	Industrial Centre #5, Quebec
Dominion Tank Mech. Works	Bvd. Labelle, St. Martin
Fonderie Fortin	110 Lois St., Hull
Fonderie Savoie	Ste. Marie de Beauce
Fonderie Vulcan Inc.	Napoleon St., Victoriaville
Gariepy Foundry Reg'd	49 Allen St., Waterloo
General Foundry Ltd.	Windsor Mills
Granby Foundry & Machine Co.	165 Laval St., Granby
Hudon, J., & Fils Enrg.	1 St. Louis St., La Tuque
La Compagnie Dussault et Lamoureux	18, Ave. de L'Hotel Dieu, St. Hyacinthe
La Fonderie B.C.L. Ltée	Rivière Bleue
La Fonderie Bégin & Gingras Enrg.	Industrial Center No. 5, Quebec
La Fonderie Beloeil, Ltée	Beloeil Station
La Fonderie Bourget, Enrg.	Windsor Mills East
La Fonderie Canadienne	374 St. Jacques St., St. John
La Fonderie de Ste. Croix Ltée	Ste. Croix
La Fonderie de Robertsonville Ltée	Robertsonville
La Fonderie de Thetford Ltée	235 Notre Dame St., Thetford Mines
La Fonderie Despres	Montmagny Station
La Fonderie Légaré	48 Short St., Sherbrooke
La Fonderie Magog	Magog
La Fonderie Ouellet Enrg.	St. Leonard d'Aston
La Fonderie Paquette Enrg.	30 St. Ignace St., Laprairie
La Fonderie St. Maurice Enrg.	Brunelle
La Fonderie St. Placide	St. Placide
La Fonderie St. Romuald, Enrg.	58, rue Saxe, St. Romuald
La Fonderie Trottier Inc.	Ste. Anne de la Perade
Laroche & Frères, Ltée	Pont Rouge
Lavoie, Euchariste, Enrg.	Baie St. Paul
Les Industries Roy Ltée	Montmagny Station
Limoges & Frères	42 Chateauguay St., Hull
Maury, A., & Fils	7544A St. Hubert St., Montreal
McOuat, T., and Son, Limited	Lachute Mills
Melanson's Foundry Ltd.	2430 Ville Marie St., Montreal
Metro Engineering Co.	102 Elmslie St., Ville La Salle
Montreal Foundry Limited	1260 Condé St., Montreal
Monsarrat Machinery and Foundries Ltd.	Rivière du Loup
Northern Foundry	60 St. Hubert St., Pont Viau
Paul Bros. Foundry Limited	3, rue Poupart, Laprairie
Peacock Bros. Limited	260 St. Patrick St., Ville la Salle
Provost, Aimé	Napierville
Quebec Brass and Iron Foundry Co. Ltd.	53 Commercial St., Lévis
Rouleau Limitée	Mont Joli
St. Jerome Industries Ltd.	St. Jerome
Shawinigan Foundries, Limited	Shawinigan Falls
Steel Company of Canada, Limited	4110 St. Ambroise St., Montreal
Terreau & Racine Limitée	194-228, rue St. Paul, Quebec
Terrebonne Foundry Inc.	40 St. Joseph St., Terrebonne
Union Foundry Limited	431 St. Luke St., Granby
Vallée Machine Works Reg'd	69 Dante St., Montreal
Viau, M.I., et Fils, Ltée	St. Joseph St., St. Jerome
Wabi Iron Works (Quebec) Ltd.	Noranda
Walford, H., Limited	2320 Aird Ave., Montreal
Ontario:	
Acton Machine Shops & Foundry	Acton
Alloy Foundry Incorporated	Merrickville
Armstrong Foundry & Machine Shop, Ltd.	Wellington St., Orangeville
Auto Specialties Mfg. Co. (Canada) Ltd.	614 Tecumseh Rd. E., Windsor
Barco Mfg. Co. of Canada, Ltd.	Power Building, Windsor
Barratt and Milks	Gananoque
Beatty Bros. Ltd.	Fergus
Beaver Foundry & Furnace Works	Harvey St., Tillsonburg
Bell City Foundry	441 West St., Brantford
Benn Iron Foundry	314 Wallace St., Wallaceburg

Directory of Firms Included in the Iron Castings Industry, 1950 — Continued

Name of Firm	Location of Plant
Ontario: — Continued	
Bibby Foundry	Beverley St., Galt
Bock, A.E., Foundry Co.	70 Water St. N., Galt
Bowmanville Foundry Company Limited	Scugog St., Bowmanville
Canada Iron Foundries Limited	Stuart St. W., Hamilton
Canada Valve & Hydrant Co. Limited	44 Holme St., Brantford
Canadian Car & Foundry Company, Limited	Wilkins St., Brantford
Canadian General Electric Co. Ltd.	990 Lansdowne Ave., Toronto
Castings of Ottawa, Ltd.	51 Booth St., Ottawa
Central Foundry	Hespeler
Cobalt Foundry Limited	Ferland Ave., Cobalt
Concord Foundries Limited	27 John St., Grimsby
Cornwall Brass & Iron Foundry	422 Sixth Ave. E., Cornwall
Crawford Machine & Foundry	100 Wilson St., Woodstock
Cunningham & Son Limited	Berryman Ave., St. Catharines
Dairy - Brewery Equipment & Engineering	37 Hanna Ave., Toronto
Daly Household Appliances	1107 Aubin Road, Windsor
Dart Union Co. Ltd.	11 Charlotte St., Toronto
Davidson Foundry	16 Hamilton Ave., Ottawa
Domestic Foundry	1595 Crawford Ave., Windsor
Du-Vis Products	R.R. #9, London
Eureka Foundry & Manufacturing Co. Limited	Winnett St., Woodstock
Fairbanks Foundry	52 Clarkson Ave., Toronto
Fergusson, J.H., Company	Dundas
Fittings Limited	135 Bruce St., Oshawa
Foley Foundry & Machine Co. Limited	368 Front St., Belleville
Galt Malleable Iron Co. Limited	Shade and Kerr Sts., Galt
Gartshore-Thomson Pipe and Foundry Co. Ltd.	Stuart St., Hamilton
Gies, Philip, Foundry Ltd.	36 Water St. S., Kitchener
Green, G. Walter, Co. Limited	406 McDonnel St., Peterborough
Griffin Foundry Co.	22 Huskisson St., Guelph
Grinnell Company of Canada, Limited	2440 Dundas St. W., Toronto
Guelph Engineering Co. Limited	Adelaide St., Guelph
Hamilton Foundry Co. Ltd.	33 Clinton St., Hamilton
Hampson, A.G.	Walkerton
Hartley Foundry Co.	247 Colborne St. W., Brantford
Hastings & Sons Foundry & Machine Shop	10 Pine St., Stratford
Holmes Foundry Company Limited	Exmouth St., Sarnia
Hopper Foundry Ltd.	Forest
Imbleau, H., & Sons	11 Bridge St., Renfrew
International Malleable Iron Co. Ltd.	200 Beverley St., Guelph
Jackson Marine Engineering and Foundry Co.	382-388 King St. E., Kingston
James Bros. Foundry	Perth
Kent Foundry	Richmond St., Chatham
Lakeside Foundry Ltd.	101 Killaly Road, Humberstone
Lawson, Thos., and Sons, Ltd.	376 Wellington St., Ottawa
Lincoln Foundry Co.	65 St. Paul Crescent, St. Catharines
Massey-Harris Company Limited	Canal St., Brantford
Marshall, A.	940 Assumption Ave., Windsor
McLean Underfeed Stoker Co. Limited	West Hill, Toronto
McCain Foundry	6 Plymouth Ave., Toronto
McCoy Foundry Co.	67 Bay St. N., Hamilton
McCrae, J., Machine & Foundry Co.	81 Williams St. N., Lindsay
McIntyre & Taylor, Limited	505 Queen St. W., Toronto
Morash Foundry Co.	Morrisburg
Muskoka Foundry Limited	Shier St., Bracebridge
National Iron Corporation Limited	324 Cherry St., Toronto
Niagara Foundry Company	747 Butterly Ave., Niagara Falls
Ontario Malleable Iron Co. Ltd.	Oshawa
Page-Hersey Tubes, Ltd.	Guelph and Welland
Paramount Gearworks Limited	1247 Lawrence Ave. W., Weston
Payette, P., Co.	Nelson St., Penetanguishene
Port Hope Sanitary Mfg. Co. Limited	Port Hope
Preston Foundry Co. Ltd.	307 Bishop St., Preston
Progressive Heating Co. Limited	147 Main St., Galt
Sarco Canada Ltd.	Claremont
Shantz, P.E., Foundry	Fountain St., Preston
Slatcher Engineering Co. Ltd.	644 Rogers Road, Toronto
Smith Bros.	Beaverton
Smiths Falls Malleable Casting Limited	22 Bay St., Smiths Falls
Sol Pipe & Fittings Limited	Mimico
Standard Foundry and Supply Co. Ltd.	840 Walker Road, Windsor
Standard Sanitary & Dominion Radiator Ltd.	800 Lansdowne Ave., Toronto
Standard Tube Company Limited	Drew & Given Sts., Woodstock



Directory of Firms Included in the Iron Castings Industry, 1950 — Concluded

Name of Firm	Location of Plant
Ontario: — Concluded	
Standard Castings & Mfg. Co.	Sheffield St., Hespeler
Sudbury Construction & Machinery Co., Ltd.	149 Lorne St., Sudbury
Tomlinson, T., Foundry Co. Limited	352 Front St. E., Toronto
Toronto Foundry Co. Limited	1884 Davenport Road, Toronto
Toronto Hardware Mfg. Co. Ltd.	420 Dufferin St., Toronto
Tube Turns of Canada Ltd.	33 Colborne St., Chatham
Victoria Foundry Co. Ltd.	44 Booth St., Ottawa
Wabi Iron Works, Limited	New Liskeard
Walker Metal Products Limited	1511 Kildare Road, Walkerville
Walkerton Foundry	Walkerton
Warp Tension Governors, Limited	303 Water St. W., Cornwall
Webber, O.M.	Hawkesville
Welland Iron and Brass Ltd.	130 Niagara St., Welland
Wells Foundry Limited	1250 Florence St., London
West Machinery Limited	1 Union St., Simcoe
Whittaker Fireplaces	859 Wyandotte St. W., Windsor
Woodside Bros.	173 Manitou St., Port Arthur
Worr Foundry Company Limited	163 Sterling Road, Toronto
Wotherspoon, J.A., & Son Ltd.	Cross Ave., Oakville
Manitoba:	
Anthes Foundry Limited	Saskatchewan Ave., Winnipeg
Bell Foundry Co.	120 Aberdeen Ave., Winnipeg
Dominion Foundry Company	Watt and Union Sts., Winnipeg
Greens Stove & Repairs Limited	1030 Arlington St., Winnipeg
Progressive Mfg. Company	470 Warsaw Ave., Winnipeg
Thor Foundry	794 Archibald St., St. Boniface
Vulcan Iron Works, Limited	Sutherland & Maple, Winnipeg
Winnipeg Foundry Co. Ltd.	944 Henry Ave., Winnipeg
Saskatchewan:	
Acme Iron Works Ltd.	182 Wall St., Saskatoon
Blanchard Foundry & Machine Co. Ltd.	104-22nd Street W., Saskatoon
East, John, Iron Works Ltd.	121 Avenue C.N., Saskatoon
Melfort Iron Works	Melfort
Moose Jaw Foundry	High St. & 6th Ave., Moose Jaw
Prince Albert Foundry Company	17th and Central Sts., Prince Albert
Springstein & Davidson Machine Shop	6th Avenue and Lorne St., Regina
Alberta:	
Calgary Iron Works Limited	410-9th Avenue E., Calgary
Canadian Foundry Company	240-3rd Avenue E., Calgary
Lethbridge Iron Works Co. Ltd.	120-1st Avenue S., Lethbridge
Nichols Bros. Limited	10103-95th Street, Edmonton
Norwood Foundry Co. Ltd.	9111-111th Avenue, Edmonton
Standard Iron Works, Limited	121 St. and 106 Avenue, Edmonton
British Columbia:	
Alliance Ware, Ltd.	1590 Powell St., Vancouver
Acme Iron Works Ltd.	1210 Glen Drive, Vancouver
Associated Iron Foundry	4080 Nanaimo St., Vancouver
Cranbrook Foundry Company Limited	Cranbrook
Dobney Foundry Co.	312-13th St., New Westminster
Dura Steel Co. Ltd.	1701 West 3rd Ave., Vancouver
Ellis, W.J., & Co. Ltd.	210 Lorne St., Kamloops
Littler & Sons Iron Works	1475 Franklin St., Vancouver
McLean and Powell Iron Works	398 W. 2nd Avenue, Vancouver
Mainland Foundry Company	1707 Pandora St., Vancouver
Master Heating Products Ltd.	224 W. 5th Ave., Vancouver
Milbourne Foundry	852 River Road, Lulu Island, Eburne
Nairn Brothers Foundry	1616 Powell St., Vancouver
Nye Foundry	503 Powell Street, Vancouver
Peach City Foundry	176 Estabrook St., Penticton
Ramsay & Adams Foundry Co. Ltd.	1630 Store St., Victoria
Reliance Foundry Company Limited	149-4th Avenue W., Vancouver
Ross and Howard Iron Works Co. Ltd.	ft. Woodland Drive, Vancouver
Terminal City Iron Works, Ltd.	1909 Franklin St., Vancouver
Van Wyck's Welding and Stove Works	2157 Main St., Vancouver
Victoria Foundry & Metals Ltd.	2426 Quesnel St., Victoria
Victoria Machinery Depot Co. Ltd.	33 Dallas Road, Victoria
Western Foundry Co.	1416 Franklin St., Vancouver