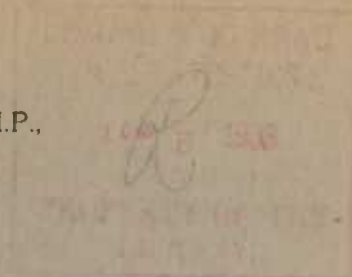


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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**  
**MINING, METALLURGICAL & CHEMICAL BRANCH**

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**THE CASTINGS AND FORGINGS**  
**INDUSTRY**  
**IN**  
**CANADA**  
**1937**

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OTTAWA  
1939

Price 15 cents



DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA

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ANNUAL INDUSTRY REPORT

IRON AND STEEL AND THEIR PRODUCTS GROUP

THE CASTINGS AND FORGINGS INDUSTRY, 1937

In accordance with the provisions of the Statistics Act, each manufacturing concern in Canada submits to the Dominion Bureau of Statistics at Ottawa a yearly report covering such items as production, employment, capital, etc.. In most cases, a manufacturer makes more than one product but is not asked to apportion these details between the different articles which he manufactures. It is impossible, therefore, except in a few cases, to compile detailed figures of employment, etc., for any single commodity.

For the presentation of these detailed statistics, the Bureau has subdivided manufacturing into nine groups of industries, producing concerns being classified according to the principal component material of their major products. For example, the pulp and paper industry is classified under "Wood and Paper"; iron foundries under "Iron and Steel and Their Products", etc.. These main groups are further divided into industries to which the concerns are allotted according to the nature of their main products. The iron and steel group is subdivided into 17 industries, one being the Castings and Forgings Industry which is reviewed in this bulletin. This industry covers the operations of iron and steel works which were occupied chiefly in making commercial iron castings, iron and steel pipe and tubing, and drop forgings of all kinds; some machinery, boilers, engines, stoves and furnaces, etc., were made as secondary or minor products.

Some iron foundries have not been included in the Castings and Forgings 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, the concerns which make stoves operate iron foundries but they have been classified to the Cooking and Heating Apparatus Industry which is covered in a separate report. Supplementary data covering all iron foundries have been assembled and are appended to this report.

In 1937 there were 231 establishments in the Castings and Forgings Industry distributed, by provinces, as follows - Ontario, 111; Quebec, 53; British Columbia, 29; Nova Scotia, 10; Alberta, 8; New Brunswick, 8; Saskatchewan, 5; Manitoba, 4; Prince Edward Island, 3. Production from these works was valued at \$41,913,753 at factory prices and they employed an average of 12,164 persons, paid out \$14,333,923 for salaries and wages, \$1,505,625 for fuel and electricity, and \$17,091,230 for manufacturing materials.



This report is divided into two sections. In Section 1, the data given in Tables 1 to 9, inclusive, are for the Castings and Forgings Industry only, while Tables 10 and 11 give the total output in Canada of iron castings and iron and steel pipe and tubing as assembled from all industries. Section 2 gives data for all iron foundries in Canada, regardless of the particular industries to which they may have been classified in the statistical summaries.

Section 1 - THE CASTINGS AND FORGINGS INDUSTRY

Table 1 - PRINCIPAL STATISTICS, BY PROVINCES, 1936 and 1937.

Province	No. of plants	Capital employed \$	Average number 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>1936</u>							
Prince Edward Island .....	3	336,499	54	48,771	2,881	23,568	120,288
Nova Scotia .	10	1,821,267	468	486,488	65,378	407,025	1,193,100
New Brunswick	7	534,152	139	157,540	10,292	65,555	296,515
Quebec .....	54	12,348,915	2,323	2,353,767	252,132	2,947,650	7,253,738
Ontario .....	119	26,415,107	6,407	7,033,101	890,611	7,414,069	19,716,937
Manitoba ....	4	2,015,148	284	323,685	22,240	183,570	636,534
Saskatchewan.	5	225,847	62	71,790	4,676	28,918	155,515
Alberta .....	8	1,084,056	212	232,265	18,947	159,610	513,036
Br. Columbia .	28	1,648,043	442	513,531	35,507	295,175	1,126,221
CANADA ....	238	46,429,034	10,391	11,225,958	1,302,664	11,524,940	31,011,884
<u>1937</u>							
Prince Edward Island .....	3	361,741	55	47,338	3,134	23,029	134,086
Nova Scotia .	10	1,837,761	532	591,481	82,466	454,660	1,202,241
New Brunswick	8	538,593	161	194,554	11,430	73,953	337,864
Quebec .....	53	12,099,101	2,624	2,833,424	252,744	4,449,737	9,293,962
Ontario .....	111	29,120,444	7,669	9,331,780	1,072,280	11,288,650	28,172,336
Manitoba ....	4	1,829,451	276	340,469	20,568	180,318	622,671
Saskatchewan.	5	239,293	59	65,901	3,968	20,812	122,853
Alberta .....	8	1,113,577	243	269,442	20,842	230,231	636,324
Br. Columbia.	29	1,674,968	545	659,534	38,193	369,840	1,391,416
CANADA ...	231	48,814,929	12,164	14,333,923	1,505,025	17,091,230	41,913,753

Table 2 - CAPITAL EMPLOYED, BY PROVINCES, 1936 and 1937.

Province	Present value of lands, buildings, machinery, tools and other equip- ment	Inventory value of materials, supplies and finished products on hand and stocks in process	Operating capital (cash, bills and accounts re- ceivable, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1936</u>				
Prince Edward Island .....	178,894	134,054	23,551	326,499
Nova Scotia ..	1,155,304	324,395	341,568	1,821,267
New Brunswick.	376,273	79,783	78,096	534,152
Quebec .....	8,517,211	2,421,203	1,410,501	12,348,915
Ontario .....	16,138,819	5,801,452	4,474,836	26,415,107
Manitoba .....	1,433,252	390,209	191,687	2,015,148
Saskatchewan .	132,563	62,407	30,877	225,847
Alberta .....	684,896	225,989	173,171	1,084,056
Br. Columbia .	908,431	324,009	415,603	1,648,043
CANADA ....	29,525,643	9,763,501	7,139,890	46,429,034
<u>1937</u>				
Prince Edward Island .....	196,721	135,740	29,280	361,741
Nova Scotia ..	1,159,831	341,559	336,371	1,837,761
New Brunswick.	390,540	69,801	78,252	538,593
Quebec .....	8,039,376	2,915,864	1,143,861	12,099,101
Ontario .....	16,001,530	7,872,360	5,246,554	29,120,444
Manitoba .....	1,434,298	266,388	128,765	1,829,451
Saskatchewan .	142,136	67,289	29,868	239,293
Alberta .....	655,402	240,529	217,646	1,113,577
Br. Columbia .	838,378	359,325	477,265	1,674,968
CANADA ....	28,858,212	12,268,855	7,687,862	48,814,929

Table 3 - SIZE OF ESTABLISHMENTS ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES and CAPITAL EMPLOYED, 1937.

	Number of plants	Capital employed \$	Number of employees	Gross selling value of products at works \$
<u>(a) PRODUCTION</u>				
Under \$5,000 .....	29	252,802	85	91,275
\$5,000 to \$10,000 .....	26	299,400	112	194,685
\$10,001 to \$25,000 ....	44	1,346,006	441	721,744
\$25,001 to \$50,000 ....	34	1,545,094	562	1,178,257
\$50,001 to \$100,000 ...	29	2,670,721	866	2,137,104
\$100,001 to \$250,000 ..	32	6,264,337	1,808	4,893,021
\$250,001 to \$500,000 ..	18	9,366,479	2,333	6,521,428
\$500,001 to \$1,000,000.	11	8,483,539	2,689	8,322,162
Over \$1,000,000 .....	8	18,586,051	3,268	17,854,077
TOTAL .....	231	48,814,929	12,164	41,913,753



Table 3 - SIZE OF ESTABLISHMENTS ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES and CAPITAL EMPLOYED, 1937. (concluded)

	Number of plants	Capital employed \$	Number of employees	Gross selling value of products at works \$
(b) EMPLOYEES				
1 or 2 .....	17	184,667	27	75,267
3 to 10 .....	72	1,388,247	414	910,789
11 to 20 .....	41	2,176,559	620	1,354,392
21 to 50 .....	44	4,589,783	1,409	3,586,790
51 to 100 .....	25	7,191,372	1,734	5,210,437
101 to 250 .....	19	10,908,735	3,038	9,001,916
Over 250 .....	13	22,375,566	4,922	21,774,162
TOTAL .....	231	48,814,929	12,164	41,913,753
(c) CAPITAL				
Under \$25,000 .....	91	977,085	621	1,159,098
\$25,000 to \$100,000 ....	68	3,673,237	1,535	3,603,334
\$100,001 to \$500,000 ...	48	11,533,224	4,282	12,358,229
\$500,001 to \$1,000,000 .	13	14,701,023	2,530	11,396,303
Over \$1,000,000 .....	11	17,930,360	3,196	13,396,789
TOTAL .....	231	48,814,929	12,164	41,913,753

Table 4 - EMPLOYEES, SALARIES and WAGES, BY PROVINCES, 1936 and 1937.

Table 4 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1936 and 1937.

Province	Average Number of Employees					Salaries	Wages	TOTAL
	On Salaries		On Wages		TOTAL			SALARIES and WAGES
	Male	Female	Male	Female				
1936						\$	\$	\$
Prince Edward Island .....	5	4	45	...	54	13,500	35,271	48,771
Nova Scotia .	27	13	424	4	468	81,079	405,409	486,488
New Brunswick	21	6	112	...	139	50,717	106,823	157,540
Quebec .....	318	86	1,871	48	2,323	654,814	1,698,953	2,353,767
Ontario .....	516	165	5,658	68	6,407	1,368,972	5,664,129	7,033,101
Manitoba ....	51	6	227	...	284	73,375	250,310	323,685
Saskatchewan.	13	3	46	...	62	31,322	40,468	71,790
Alberta .....	43	5	164	...	212	70,778	161,487	232,265
Br. Columbia.	60	9	373	...	442	107,623	410,908	518,531
CANADA ....	1,054	297	8,920	120	10,391	2,452,180	8,773,758	11,225,938
1937								
Prince Edward Island .....	6	4	45	...	55	14,100	33,238	47,338
Nova Scotia .	35	19	474	4	532	98,472	493,009	591,481
New Brunswick	23	9	129	...	161	61,715	132,839	194,554
Quebec .....	367	84	2,122	51	2,624	702,457	2,130,967	2,833,424
Ontario .....	589	174	6,830	76	7,669	1,575,958	7,755,822	9,331,780
Manitoba ....	48	5	223	...	276	81,746	258,723	340,469
Saskatchewan.	12	...	46	1	59	24,858	41,043	65,901
Alberta .....	49	7	187	...	243	79,170	190,272	269,442
Br. Columbia.	67	10	468	...	545	130,432	529,102	659,534
CANADA ....	1,196	312	10,524	132	12,164	2,768,908	11,565,015	14,333,923

Table 5 - WAGE-EARNERS, BY MONTHS, 1936 and 1937. (On the 15th of each month)

Month	1	9	3	6	1	9	3	7
	Male No.	Female No.	TOTAL No.		Male No.	Female No.	TOTAL No.	
January .....	8,610	125	8,735		9,365	127	9,492	
February .....	8,745	124	8,869		9,950	133	10,083	
March .....	8,801	124	8,925		10,520	140	10,660	
April .....	8,794	114	8,908		10,379	137	11,016	
May .....	8,941	122	9,063		10,748	125	10,873	
June .....	8,942	109	9,051		11,072	129	11,201	
July .....	8,790	101	8,891		10,894	124	11,018	
August .....	8,548	103	8,651		10,801	124	10,925	
September .....	9,083	117	9,200		10,650	124	10,774	
October .....	9,084	122	9,206		10,562	135	10,697	
November .....	9,215	127	9,342		10,284	130	10,414	
December .....	9,303	130	9,433		10,179	122	10,301	
AVERAGE .....	8,920	120	9,040		10,524	132	10,656	

Table 6 - FUEL AND ELECTRICITY USED, 1936 and 1937.

Table 5 - FUEL AND ELECTRICAL COSTS, 1936 and 1937.									
		1936				1937			
Kind	Unit of measure	Quantity	Cost at works		Quantity	Cost at works			
			\$			\$			
Bituminous coal - Canadian ..	short ton	11,979	69,262		10,616	62,678			
Imported ..	short ton	78,742	456,413		102,328	564,792			
Anthracite coal .....	short ton	3,862	27,978		2,425	18,212			
Lignite coal .....	short ton	1,900	6,816		1,874	7,083			
Coke .....	short ton	7,345	75,992		10,803	70,147			
Gasoline .....	Imp. gal.	35,686	8,767		79,723	17,805			
Kerosene .....	Imp. gal.	13,006	2,119		12,957	2,255			
Fuel oil .....	Imp. gal.	2,166,362	148,608		2,857,894	205,032			
Wood .....	cord	3,882	17,676		2,870	13,250			
Gas - Manufactured .....	M cu.ft.	8,108	5,201		22,653	7,015			
Natural .....	M cu.ft.	61,238	29,367		324,860	37,999			
Other fuel .....	\$	...	5,002		...	2,375			
Electricity purchased .....	K. W. H.	36,772,128	449,463		42,538,025	496,982			
TOTAL .....	\$	...	1,302,664		...	1,505,625			
Electricity generated for own use .....	K. W. H.	...	...		540,000	...			

Table 7 - POWER EQUIPMENT, 1936 and 1937.

Kind	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1 9 3 6				
Steam engines and steam turbines .....	27	1,337	7	850
Gasoline, gas and oil engines .....	17	448	2	16
Hydraulic turbines or water wheels .....	...	...	1	10
Total Primary Power Equipment .....	44	1,785	10	876
Electric motors run by purchased power ..	3,710	47,955	81	1,809
TOTAL .....	3,754	49,740	91	2,685
Electric motors run by power generated by above primary units .....	23	252	...	...
Stationary boilers .....	88	8,672	6	855



Table 7 - POWER EQUIPMENT, 1936 and 1937. (concluded)

Kind	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 3 7</u>				
Steam engines and steam turbines .....	29	1,537	8	945
Gasoline, gas and oil engines .....	12	338	2	20
Hydraulic turbines or water wheels .....	...	...	1	10
Diesel engines .....	2	190	...	...
Total Primary Power Equipment .....	43	2,065	11	975
Electric motors run by purchased power..	3,465	48,634	85	1,542
TOTAL .....	3,508	50,699	96	2,517
Electric motors run by power generated by above primary units .....	55	1,026	7	135
Stationary boilers .....	83	8,247	14	960

Table 8 - MATERIALS USED, 1936 and 1937.

Materials	Unit of measure	1 9 3 6				1 9 3 7			
		Quantity		Cost at works	Quantity		Cost at works		
				\$			\$		
<u>Iron -</u>									
Pig iron, all grades .....	long ton	49,157	1,101,484	72,072	1,700,890				
Wrought iron skelp .....	short ton	1,579	87,133	2,755	148,613				
Iron castings of all kinds ...	short ton	4,798	309,117	5,542	436,057				
<u>Steel, hot or cold rolled -</u>									
Steel castings .....	short ton	646	116,752	1,222	262,920				
Ingots, blooms and billets ...	short ton	8,308	267,289	15,204	535,949				
Bars and rods .....	short ton	11,140	611,957	33,132	1,612,380				
Forgings .....	short ton	78	15,917	97	21,965				
Plates .....	short ton	1,964	118,464	2,605	151,921				
Shafting .....	short ton	631	51,447	373	46,127				
Sheets - Enamelling .....	short ton	553	41,632	496	35,566				
Galvanized .....	short ton	1,664	125,458	629	64,022				
Plain (black) .....	short ton	549	43,801	1,802	146,628				
Polished .....	short ton	624	38,639	693	40,289				
Stainless .....	short ton	4	1,525	2	866				
Skelp .....	short ton	84,994	2,660,621	98,427	4,109,766				
Strip .....	short ton	639	50,744	873	71,900				
Stampings .....	short ton	100	21,752	...	50,210				
Structural shapes (channels, angles, etc.) .....	short ton	2,258	147,342	2,403	161,760				
Wire .....	short ton	2,462	122,835	5,518	170,273				
Alloy steel .....	short ton	...	794,972	...	523,559				
Scrap iron and steel of all kinds ..	short ton	84,438	939,515	114,104	1,614,303				
Other iron and steel (except finished parts) .....	short ton	...	79,010	...	70,211				
<u>Non-ferrous metals (including scrap) -</u>									
Aluminium .....	pound	190,429	29,912	177,567	27,605				
Brass and bronze castings ....	pound	768,352	102,137	1,938,941	297,730				
Brass and bronze sheets, etc..	pound	668,359	65,337						
Copper sheets, bars, etc. ....	pound	783,226	71,768	980,401	126,600				
Lead .....	pound	262,528	12,520	425,917	21,116				
Nickel .....	pound	23,362	7,072	114,488	36,349				



Table 8 - MATERIALS USED, 1936 and 1937. (concluded)

Table 3 - MATERIALS USED, 1936 and 1937. (concluded)					
Materials	Unit of measure	1 9 3 6	Cost at works \$	1 9 3 7	Cost at works \$
		Quantity		Quantity	
<u>Non-ferrous metals (including scrap) (concluded) -</u>					
Tin .....	pound	69,861	35,535	80,948	45,643
Zinc .....	pound	6,013,818	250,411	7,357,651	403,432
Babbitt metals and solders ..	pound	67,386	14,205	77,586	22,704
Other non-ferrous metals ...	\$	...	91,146	...	37,943
<u>Articles used for further manufacture -</u>					
Parts for stoves, machines, etc. ....	\$	...	41,724	...	80,332
Iron and steel pipe, tubings and fittings .....	\$	...	178,713	...	193,756
Bolts, nuts, rivets and screws .....	\$	...	130,146	...	187,777
Electrical goods, including motors .....	\$	...	103,928	...	133,350
Frit for enamelling .....	\$	...	76,701	...	93,731
Feldspar .....	short ton	166	3,491	179	3,672
Paints, oils and varnishes .	\$	...	58,136	...	55,131
Rubber and leather goods ...	\$	...	49,788	...	42,747
Other articles of this class	\$	...	127,312	...	22,716
<u>Other materials and supplies -</u>					
Foundry coke (used in cupola; not for heat or power) .....	short ton	34,095	392,849	41,854	498,017
Moulding sands .....	short ton	19,096	92,583	24,122	124,674
Core sands .....	short ton	34,776	70,169	39,546	103,034
Other foundry sands (sand- blast, etc.) .....	short ton	4,229	27,182	...	33,088
Starch .....	pound	...	...	17,260	875
Plumbago .....	pound	140,879	11,553	171,676	11,881
Other foundry facings .....	pound	1,160,891	26,869	2,300,940	47,555
Patterns and models .....	\$	...	26,839	...	41,564
Lumber .....	M ft.b.m.	2,812	96,937	3,508	132,278
Firebrick .....	\$	...	90,590	...	127,585
Fireclay .....	short ton	3,763	26,009	4,053	36,591
Cupola blocks .....	number	133,452	17,623	...	25,874
Core oil .....	Imp. gal.	64,592	43,444	135,003	95,869
Core compound .....	pound	638,706	21,108	...	40,042
Shipping containers .....	\$	...	73,643	...	106,866
All other materials and supplies .....	\$	...	1,310,154	...	1,856,928
TOTAL .....	\$	...	11,524,940	...	17,091,230

Table 9 - PRODUCTS MADE BY FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY,  
1936 and 1937.

NOTE - Data given in this table cover only the output of firms which were engaged chiefly in making commercial iron castings, commercial forgings or iron and steel pipe and fittings, and which have been classified to the Castings and Forgings 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.

Products	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Commercial castings -					
Aluminium .....	short ton	71	48,779	64	55,422
Grey iron .....	short ton	59,609	5,453,676	84,393	7,830,207
Malleable iron .....	short ton	14,420	1,852,729	20,924	2,842,984
Brass .....	short ton	139	61,036	233	108,618
Copper .....	short ton	26	12,763	...	...
Bronze .....	short ton	212	101,501	202	104,356
Commercial forgings .....	\$	...	2,256,778	...	3,689,183
Chains .....	short ton	...	557,710	3,254	723,524
Pipe, tubing and fittings, iron and steel .....	\$	...	9,660,976	...	12,925,147
Pipe fittings (except iron and steel), and other plumbers' goods (other than valves) .....	\$	...	371,762	...	494,210
Sanitaryware, enamelled, cast iron	\$	...	989,713	...	1,428,286
Heating and cooking apparatus (stoves, furnaces, etc.) .....	\$	...	816,373	...	751,866
Machinery and parts .....	\$	...	1,644,805	...	2,491,491
Valves (iron, steel, brass and bronze) including radiator valves and traps .....	\$	...	396,745	...	556,451
All other products .....	\$	...	4,594,947	...	5,713,273
Receipts from custom work and repairs .....	\$	...	2,191,591	...	2,199,095
TOTAL .....	\$	...	31,011,884	...	41,913,273

Table 10 - TOTAL PRODUCTION OF COMMERCIAL IRON CASTINGS (SOLD AS SUCH) IN CANADA,  
1935 - 1937 (FROM ALL INDUSTRIES)

Kind	1 9 3 5		1 9 3 6		1 9 3 7	
	Short tons	Selling value at works \$	Short tons	Selling value at works \$	Short tons	Selling value at works \$
Grey iron castings .....	87,914	7,087,169	93,880	7,711,388	126,041	10,909,005
Malleable iron castings .....	18,484	2,398,871	16,475	2,250,752	24,788	3,363,910
TOTAL .....	106,398	9,486,040	110,355	9,962,140	150,829	14,272,915



Table 11 - TOTAL PRODUCTION OF IRON AND STEEL PIPE AND TUBING IN CANADA, 1935, 1936 and 1937. (FROM ALL INDUSTRIES)

Kind	1935		1936		1937	
	Short tons	Selling value at works \$	Short tons	Selling value at works \$	Short tons	Selling value at works \$
Cast iron soil pipe and fittings .....	8,093	490,961	12,222	708,590	15,471	946,740
Other cast iron pipe ..	12,174	577,900	13,196	656,432	22,483	1,289,399
Other cast iron pipe fittings .....	5,032	623,557	5,259	681,189	3,319	655,881
Malleable iron pipe fittings .....	3,584	900,257	3,941	1,007,392	4,321	1,105,682
Genuine wrought iron pipe and fittings ....	689	81,140	826	95,225	1,060	122,654
Steel pipe .....	59,664	4,800,257	69,825	5,202,520	82,299	6,838,217
Steel pipe fittings ...	1,528	324,292	2,159	449,875	3,260	723,699
Steel tubing (seamless, boiler tubes, cold formed, etc.) .....	10,483	1,446,693	9,502	1,245,493	16,822	1,915,712
TOTAL .....	101,247	9,245,057	116,930	10,046,716	149,035	13,597,984

DIRECTORY OF FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY, 1937.

NOTE - Iron foundries are marked (F). See also supplementary list of iron foundries at end of this report.

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>PRINCE EDWARD ISLAND -</u>	
Bishop, Elias (F)	Summerside
Parker, H. W. (F)	Georgetown
Stewart, Bruce, and Co. Ltd. (F)	6 Great George St., Charlottetown
<u>NOVA SCOTIA -</u>	
Cummings, J.W., Mfg. Co. Ltd.	Glasgow St., New Glasgow
Dartmouth Iron Foundry (F)	42 Maple St., Dartmouth
Enamel and Heating Products Ltd. (F)	Station St., Amherst
Fleming Bros. (F)	1595 Barrington St., Halifax
Hanright Foundry (F)	10 Highfield St., Amherst
Hillis and Sons, Ltd. (F)	209 Hollis St., Halifax
Lunenburg Foundry Co. Ltd. (F)	Lunenburg
Matheson, I., and Co. Ltd. (F)	North Provost St., New Glasgow
Sydney Foundry and Machine Works, Ltd. (F)	Esplanade, Sydney
Thompson Bros. Machinery Co. Ltd. (F)	Water St., Liverpool
<u>NEW BRUNSWICK -</u>	
Abrams, John, Sons, Ltd. (F)	62 Foundry St., Moncton
Courtenay Iron and Brass Foundry (F)	Rothsay Ave., Saint John
Dunbar Engine and Foundry Co.	Woodstock
McLennan Foundry and Machine Works, Ltd. (F)	Campbellton
Miramichi Foundry Machine Works Ltd. (F)	Water St., Chatham
Phoenix Foundry Co. (F)	126 Pond St., Saint John
Saint John Iron Works, Ltd. (F)	Saint John
Wallace Mfg. Co. Ltd. (F)	Winter St., Sussex

DIRECTORY OF FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY, 1937  
(continued)

<u>Name of Firm</u>	<u>Location of Plant</u>
<b>QUEBEC -</b>	
Bergeron, J. E. (F)	1 rue St. Louis, La Tuque
Bruleur Desro Star Enrg.	309 St. Georges St., Three Rivers
Canada Iron Foundries, Ltd. (F)	227 St. Maurice St., Three Rivers
Canadian National Foundry (F)	Grand'Mere
Canadian Tube and Steel Products, Ltd.	5765 Hamilton St., Montreal
Cote Bros. and Burritt	1260 Conde St., Montreal
Crane, Ltd. (F)	3800 St. Patrick St., Cote St. Paul, Montreal
Darling Bros. Ltd. (F)	140 Prince St., Montreal
East End Foundry Co. Ltd. (F)	1990 LePailleur St., Montreal
Engineering Products of Canada, Ltd.	6359 Notre Dame St. E., Montreal
Fonderie Belanger (F)	2440 rue des Carrieres, Montreal
Fonderie Despres (F)	Montmagny Station
Fonderie de Lacolle (F)	Lacolle
Fonderie Paquette (F)	30 St. Ignace St., Laprairie
Frenette, Emile	2720 Notre Dame St. W., Montreal
General Foundry, Ltd. (F)	Windsor Mills
La Compagnie F. X. Drolet (F)	206 rue du Pont, Quebec
La Compagnie Dussault et Lamoureux (F)	8 St. Hyacinthe St., St. Hyacinthe
La Fonderie Beloeil, Enrg. (F)	Beloeil Station
La Fonderie Bourget, Enrg. (F)	Windsor Mills East
La Fonderie Canadienne (F)	374 St. Jacques St., St. John
La Fonderie de Ste. Croix Ltée. (F)	Ste. Croix
La Fonderie de Joliette Ltée. (F)	2 Alice St., Joliette
La Fonderie Legare (F)	48 Short St., Sherbrooke
La Fonderie de St. Anselme, Ltée. (F)	St. Anselme Station
La Fonderie Ouellet, Enrg. (F)	St. Leonard d'Aston
La Fonderie de Thetford, Ltée. (F)	796 Notre Dame St., Thetford Mines
La Fonderie Rigaud (F)	St. Anselme St., Rigaud
La Fonderie de Robertsonville (F)	Robertsonville
La Fonderie Roy (F)	Laprairie
Laperle, Louis, Enrg. (F)	St. Ours
Laroche & Frères, Enrg. (F)	Pont Rouge
Lefebvre, J. (F)	St. Placide
Limoges et Freres (F)	42 Chateauguay St., Hull
MacDonald Metal Products Co. Ltd. (F)	Taylor St. E., Waterloo
McOuat, T., and Son (F)	Lachute Mills
Montreal Foundry Ltd. (F)	1249 Conde St., Montreal
Monsarrat Machinery and Foundries Ltd. (F)	Riviere du Loup
Mount Royal Foundry Reg'd. (F)	1971 Tansley St., Montreal
Paquette et Frere (F)	11 St. Jean Baptiste St., Terrebonne
Paterson, William, & Co.	6940 Park Ave., Montreal
Peacock Bros. Ltd. (F)	290 St. Patrick St., Ville La Salle
Quebec Brass and Iron Foundry Co. Ltd. (F)	53 Commercial St., Levis
Savoie, Alonzo, (F)	Ste. Marie de Beauce
Shawinigan Foundries, Ltd. (F)	Shawinigan Falls
Sorel Mechanical Shops Co. Ltd. (F)	King St., Sorel
Steel Company of Canada, Limited, The	4110 St. Ambroise St., Montreal
Terreau et Racine Ltée. (F)	137-143 St. André St., Quebec
Trottier et Sauvageau	St. Casimir
Union Foundry Reg'd. (F)	45 St. Louis St., Granby



DIRECTORY OF FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY, 1937.  
(continued)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>QUEBEC</u> (concluded) -	
Viau, M.I., et Fils, Ltee. (F)	St. Joseph St., St. Jerome
Vilas Furniture Co. Ltd. (F)	Cowansville
Walford, H., Ltd. (F)	2320 Aird Ave., Montreal
<u>ONTARIO</u> -	
Acme Calk and Tool Co.	35 Cannon St. E., Hamilton
Algoma Steel Corporation, Ltd. (F)	Sault Ste. Marie
Anthes Foundry Ltd. (F)	64 Jefferson Ave., Toronto
Armstrong Foundry & Machine Shop, Ltd. (F)	Wellington St., Orangeville
Auto Specialties Manufacturing Co. Inc. (F)	614 Tecumseh Rd. E., Windsor
Barco Mfg. Co. of Canada, Ltd.	Power Building, Devonshire Rd., Walkerville
Belleville Foundries, Ltd. (F)	111 Station St., Belleville
Bibby Foundry (F)	Beverly St., Galt
Bishop, T. G., Engineering Co. (F)	King and Queen Sts., Kingston
Bond Engineering Works Ltd. (F)	Cor. Villiers and Munition Sts., Toronto
Bowmanville Foundry Co. Ltd. (F)	Scugog St., Bowmanville
Bredannaz, Louis, and Sons	156 Duke St., Toronto
Callander Foundry and Mfg. Co. Ltd. (F)	54 Crimea St., Guelph
Canada Foundries and Forgings, Ltd.	Queen St., Welland, and Major St., Welland
Canada Valve and Hydrant Co. Ltd., The	Holme St., Brantford
Canadian Blower and Forge Co. Ltd. (F)	Woodside Ave., Kitchener
Canadian Car & Foundry Co. Ltd. (F)	Wilkins St., Brantford
Canadian Fanner Ltd.	50 Frid St., Hamilton
Canadian General Electric Co. Ltd. (F)	1025 Lansdowne Ave., Toronto
Canadian Steam Boiler Equipment Co. Ltd.	20 McDgee St., Toronto
Castings of Ottawa, Ltd. (F)	51 Booth St., Ottawa
Cobalt Foundry (F)	Cobalt
Cooley, H. W., Machine and Arms Co.	King and Tremaine Sts., Cobourg
Cornwall Brass & Iron Foundry (F)	422 Sixth Ave. E., Cornwall
Cunningham & Son (F)	Berryman Ave., St. Catharines
Dart Union Co. Ltd.	11-17 Charlotte St., Toronto
Davidson Foundry (F)	16 Hamilton Ave., Ottawa
Devlin, C., and Son (F)	274 Pembroke St. W., Pembroke
Diamond Calk Horseshoe Co.	27 Bathurst St., Toronto
Dominion Forge and Stamping Co. Ltd.	2480 Seminole St., Walkerville
Draft King Blowers	1960 Yonge St., Toronto
Ellinghausen, S. F. (F)	Walkerton
Eureka Planter Co. Ltd., The (F)	Winnett St., Woodstock
Fittings Limited (F)	135 Bruce St., Oshawa
Fleck, Alexander, Ltd. (F)	416 Wellington St., Ottawa
Fruit Machinery Co. Ltd. (F)	368 Front St., Belleville
Galt British Forge	202 Beverly St., Galt
Galt Malleable Iron Co. Ltd. (F)	Shade and Kerr Sts., Galt
Gartshore-Thomson Pipe and Foundry Co. Ltd. (F)	Stuart St., Hamilton
Gies, Philip, Foundry Ltd. (F)	36 Water St. S., Kitchener
Goderich Iron and Brass Foundry (F)	Victoria St., Goderich
Green, G. Walter, Co. Ltd., The (F)	406 McDonnell St., Peterborough
Griffin Foundry Co. (F)	22 Huskisson St., Guelph
Grinnell Co. of Canada, Ltd. (F)	2440 Dundas St. W., Toronto
Hamilton Foundry Co. (F)	Ruth and Clinton Sts., Hamilton

DIRECTORY OF FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY, 1937.  
(continued)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO (continued) -</u>	
Hampson, A. G. (F)	Walkerton
Hastings Foundry (F)	10 Pine St., Stratford
Hayden, Thos., and Son (F)	Cavan St., Port Hope
Hepburn, John T., Ltd. (F)	18-60 Van Horne St., Toronto
Holmes Foundry Co. Ltd. (F)	Exmouth St., Sarnia
Imbleau, H., & Sons (F)	63 Raglan St., Renfrew
International Malleable Iron Co. Ltd. (F)	200 Beverly St., Guelph
Involute Gear Co.	321 Howland Ave., Toronto
Jackson, Geo. H., Ltd.	Biggar Ave., Hamilton
James Bros. Foundry (F)	Perth (2 plants)
Kerr and Coombes Foundry Co. Ltd. (F)	67 Bay St. N., Hamilton
Kerr Engine Co. Ltd., The	840 Walker Road, Walkerville
Kingsville Foundry (F)	Main St. W., Kingsville
Lakeside Foundry (F)	Ft. Erie Rd., Port Colborne
Lawson, Thos., and Sons, Ltd. (F)	376 Wellington St., Ottawa
Lindsay Foundry (F)	Victoria Ave., Lindsay
McBain Foundry (F)	6 Plymouth Ave., Toronto
McCrae, John, Machine and Foundry Co., The (F)	81 William St. N., Lindsay
McIntyre & Taylor, Ltd. (F)	505 Queen St. W., Toronto
McKinnon Columbus Chain Ltd.	Ontario St., St. Catharines
Marshall, A. (F)	940 Assumption St., Windsor
Midland Engine Works (F)	Midland
Morash Foundry Co. (F)	Morrisburg
Muskoka Foundry Ltd. (F)	Shier St., Bracebridge
National Iron Corporation Ltd. (F)	324 Cherry St., Toronto
New Standard Foundry Co. (F)	Foot of Jarvis St., Toronto
Niagara Foundry Co. (F)	747 Buttrey Ave., Niagara Falls
Northern Foundry and Machine Co. Ltd. (F)	457 Bay St., Sault Ste. Marie
Norsworthy, C., Co. Ltd. (F)	106 Center St., St. Thomas
Ontario Malleable Iron Co. Ltd. (F)	Oshawa
Orme's Ltd.	175 Sparks St., Ottawa
Oxford Foundry Ltd. (F)	Woodstock
Page-Hersey Tubes, Ltd.	Guelph and Welland
Payette, P., Co. (F)	Nelson St., Penetanguishene
Port Hope Sanitary Mfg. Co. Ltd. (F)	Port Hope
Sandilands Valve Manufacturing Co.	19 Concession St., Galt
Sandwich Foundry Ltd. (F)	3435 Bloomfield Rd., Sandwich
Shantz, P.E., Foundry (F)	Fountain St., Preston
Slater, N., Co. Ltd.	20 Sydney St., Hamilton
Smith's Falls Malleable Castings Ltd. (F)	22 Bay St., Smith's Falls
Standard Foundry and Supply Co. Ltd. (F)	840 Walker Road, Walkerville
Standard Sanitary Mfg. Co. Ltd. (F)	1000 Lansdowne Ave., Toronto
Standard Tube Co. Ltd.	Drew and Given Sts., Woodstock
Stark, Geo. S. (F)	Newmarket
Steel Company of Canada, Limited, The	River St., Gananoque
Sudbury Construction & Machinery Co. Ltd. (F)	149 Lorne St., Sudbury
Tomlinson, T., Foundry Co. Ltd. (F)	60 Esplanade St., E., Toronto
Toronto Foundry Co. (F)	1884 Davenport Road, Toronto
Toronto Furnace Co. Ltd. (F)	35 Golden Ave., Toronto
Toronto Hardware Mfg. Co. Ltd. (F)	420 Dufferin St., Toronto
Tweed Foundries, Ltd. (F)	Tweed



DIRECTORY OF FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY, 1937.  
(continued)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO (concluded) -</u>	
Union Foundry Co. (F)	Aubin Road, East Windsor
Victoria Foundry Co. (F)	44 Booth St., Ottawa
Wabi Iron Works, Ltd. (F)	New Liskeard
Walker Metal Products Ltd. (F)	Kildare Road, Walkerville
Warp Tension Governors, Ltd. (F)	330 Water St. W., Cornwall
Waugh Stove Works (F)	Almonte
Welland Iron and Brass Co. (F)	102 Niagara St., Welland
Well's Motors, Ltd. (F)	1245 York St., London
West's Company (F)	Norfolk and Union Sts., Simcoe
Windsor Furnace Co. (F)	829 Dufferin St., Windsor
Woodside Bros. (F)	173 Manitou St., Port Arthur
Worr Foundry Co. Ltd. (F)	163 Sterling Road, Toronto
<u>MANITOBA -</u>	
Anthes Foundry Ltd. (F)	Saskatchewan Ave., Winnipeg
Dominion Foundry Co. (F)	Watt and Union Sts., Winnipeg
Vulcan Iron Works, Ltd. (F)	Point Douglas Ave., Winnipeg
Winnipeg Foundry Co. Ltd. (F)	115 Robinson St., Winnipeg
<u>SASKATCHEWAN -</u>	
Blanchard Foundry & Machine Co. Ltd. (F)	104 .. 22nd Street W., Saskatoon
East, John, Iron Works Ltd. (F)	121 Avenue C. N., Saskatoon
Moose Jaw Foundry (F)	6th and High Streets W., Moose Jaw
Prince Albert Foundry Co. (F)	17th and Central Sts., Prince Albert
Springstein & Davidson Machine Shop (F)	6th Avenue and Lorne St., Regina
<u>ALBERTA -</u>	
Alberta Foundry and Machine Co. Ltd. (F)	Smelter Ave., Medicine Hat
Bolton, Garvie Co. (F)	10334 - 108th Street, Edmonton
Calgary Iron Works Ltd. (F)	410-418 .. 9th Avenue E., Calgary
Lethbridge Iron Works Co. Ltd. (F)	120 .. 1st Avenue S., Lethbridge
Nichols Bros. Ltd. (F)	10103 .. 95th Street, Edmonton
Norwood Foundry Co. Ltd. (F)	9111 .. 111th Avenue, Edmonton
Riverside Iron Works Ltd. (F)	803 .. 24th Avenue S.E., Calgary
Standard Iron Works, Ltd. (F)	121st and 106th Avenues, Edmonton
<u>BRITISH COLUMBIA -</u>	
Acme Iron Works (F)	1210 Glen Drive, Vancouver
Anthes-Tait Foundry Ltd. (F)	26th Avenue and Nanaimo Road, Vancouver
Boundary Iron Works Ltd. (F)	Grand Forks
Canada Chain and Forge Co. Ltd.	Granville Island, Vancouver
Canadian Sumner Iron Works Ltd. (F)	1214 Pender St. E., Vancouver
Cranbrook Foundry Co. Ltd. (F)	Cranbrook
Ellis, W. J., & Co. Ltd. (F)	Kamloops
Leader Burners	323 Alexander St. W., Vancouver
Letson & Burpee Ltd. (F)	172 Alexander St., Vancouver
Lister Iron Works	302 West 3rd Avenue, Vancouver
Little & Sons Iron Works (F)	1375 Franklin St., Vancouver
McLean and Powell Iron Works (F)	392 .. W. 2nd Avenue, Vancouver
Mainland Foundry Ltd. (F)	1707 Pandora St., Vancouver
Milbourne & Dickson Foundry (F)	3379 .. 12th Avenue East, Vancouver

DIRECTORY OF FIRMS INCLUDED IN THE CASTINGS AND FORGINGS INDUSTRY, 1937.  
(concluded)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>BRITISH COLUMBIA (concluded) -</u>	
Nanaimo Foundry (c/o Joseph W. Dobeson) (F)	Comox Road, Nanaimo
Nelson Iron Works, Ltd. (F)	Hull and Front Sts., Nelson
New Westminster Foundry Co. Ltd. (F)	Ft. Braid St., New Westminster
Nye Foundry (F)	503 Powell Street, Vancouver
Pacific Foundry (F)	101 .. 1st Avenue E., Vancouver
Progressive Engineering Works Ltd. (F)	360 .. 1st Avenue W., Vancouver
Ramsay & Adams Foundry Co. Ltd. (F)	435 Garbally Rd., Victoria
Reliance Foundry Co. Ltd. (F)	149 .. 4th Avenue W., Vancouver
Ross and Howard Iron Works Co. Ltd. (F)	Ft. Woodland Drive, Vancouver
Terminal City Iron Works (F)	1949 Franklin St., Vancouver
Vancouver Engineering Works Ltd. (F)	519 .. 6th Avenue W., Vancouver
Victoria Brass and Iron Works Ltd. (F)	620 Pioneer St., Esquimalt
Victoria Machinery Depot Co. Ltd. (F)	343 Bay St., Victoria
Wallace Foundry Co. Ltd. (F)	Granville Island, Vancouver
Western Foundry (F)	12th Avenue E., Vancouver

SECTION II - SUPPLEMENTARY DATA COVERING ALL IRON FOUNDRIES, 1937.

As mentioned in the opening paragraphs of this report, the various manufacturing concerns are classified to certain industries in accordance with the nature of their main products. Under this scheme it is possible to include under the Castings and Forgings Industry 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 1937 there were 328 operating iron foundries, distributed across Canada as follows - Ontario, 171; Quebec, 69; British Columbia, 34; Nova Scotia, 3; New Brunswick 16; Manitoba, 9; Alberta, 10; Saskatchewan, 5, and Prince Edward Island, 3. These foundries used 174,806 long tons of pig iron, 299,417 short tons of scrap iron and 102,662 short tons of foundry coke during 1938.

The total production from these works was valued at \$158,722,644 in 1937 but, of course, only a part of this total was made up of iron castings or cast iron products. Machinery, farm implements, locomotives, stoves, boilers, engines, and a variety of other products were made by these concerns which operated foundries in connection with their business. The value of castings made for sale as such and reported under the headings of "grey iron castings" or "malleable iron castings" amounted to only \$14,272,915, but castings were reported also under specific items such as "cast iron pipe", "machinery parts", "stove parts", etc.. From the information at hand, it is not possible to give statistics covering the total output of iron castings for all purposes.



The following table gives summary statistics for the firms which operated iron foundries in 1936 and 1937. The figures, of course, cover the entire manufacturing operations of these establishments and it is not possible from the information at hand to determine the proportions which apply to the foundry divisions only.

Table 12 - PRINCIPAL STATISTICS FOR ALL IRON FOUNDRIES, 1936 and 1937.

	1936	1937
Number of foundries .....	327	328
Capital employed ..... \$	209,294,857	220,928,683
Number of employees .....	38,842	45,430
Salaries and wages ..... \$	43,072,577	55,400,482
Cost of materials at works (except fuel and electricity) ..... \$	45,483,587	71,377,968
Selling value of all products at works ..... \$	113,485,317	158,722,644
Iron castings made for sale - short tons .....	110,355	150,829
\$	9,962,140	14,272,915
Pig iron used ..... - long tons .....	130,194	174,806
\$	2,858,447	4,245,263
Scrap iron and steel used . - short tons .....	224,160	299,417
\$	2,492,679	4,230,017
Foundry coke used ..... - short tons .....	78,704	102,662
\$	879,675	1,239,603

LIST OF CONCERNS WHICH OPERATED IRON FOUNDRIES IN 1937 BUT WHICH WERE CLASSIFIED TO OTHER INDUSTRIES

NOTE - Foundries in the Castings and Forgings Industry are marked (F) in the Directory for that industry given on pages 9 to 14 of this bulletin.

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>NOVA SCOTIA -</u>	
Canadian Car & Foundry Co. Ltd.	Amherst
Cook, H.S., and Co.	Water St., Yarmouth
Hawboldt Gas Engines	Chester
Oxford Foundry & Machine Co. Ltd.	Oxford
Robb Engineering Works Ltd.	Amherst
Thompson and Sutherland, Ltd.	North Sydney
Dominion Wheel & Foundries Ltd.	New Glasgow
<u>NEW BRUNSWICK -</u>	
Enamel and Heating Products Ltd.	Main St., Sackville
Enterprise Foundry Co. Ltd.	Lorne St., Sackville
McAvity, T.M., & Sons, Ltd.	Rothsday Ave., Saint John
Record Stove and Furnace Co. Ltd.	Lutz St., Moncton
<u>QUEBEC -</u>	
Belanger, A., Ltee.	65 rue St. Jean Baptiste, Montmagny
Canadian Bronze Powder Works Ltd. (incorporating Valleyfield Iron Works)	Valleyfield
Canadian Car & Foundry Co. Ltd.	Cote St. Paul, Montreal
Canadian Ingersoll-Rand Co. Ltd.	Sherbrooke

LIST OF CONCERNS WHICH OPERATED IRON FOUNDRIES IN 1937 BUT WHICH WERE CLASSIFIED TO  
OTHER INDUSTRIES (continued)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>QUEBEC -</u>	
Canadian National Railways	Montreal
Canadian Pacific Railway Company	Montreal
Chalifoux, O., and Fils Ltee.	111 St. Anne St., St. Hyacinthe
Desjardins Limitee	St. Andre de Kamouraska
Dominion Engineering Co. Ltd.	Lachine
Fairbanks, E. & T., & Co. Ltd.	Sherbrooke
Gurney Foundry Co. Ltd., The	96 Principal St., St. Laurent de Montreal
Hardware & Woodenware Ltd.	Coaticook
Jenkins Brothers Ltd.	Lachine
La Cie J. A. Gosselin Limitee	Drummondville
La Compagnie Bedard, Ltee.	L'Assomption
La Fonderie de L'Islet Ltee.	L'Islet Station
Matthew Moody & Sons Co.	Terrebonne
Montreal Locomotive Works, Ltd.	Montreal
Mitchell, Robert, Co. Ltd., The	102 Monkland Blvd., Montreal
Plessisville Foundry, The	Plessisville
Radiateur Plessis Limitee	Plessisville
Singer Manufacturing Co., The	St. Johns
Superheater Co. Ltd., The	Sherbrooke
Vessott, S., Co. Ltd.	Joliette
Warden King, Limited	2104 Bennett Ave., Montreal
<u>ONTARIO -</u>	
Architectural Bronze & Iron Works	830 Lansdowne Ave., Toronto
Babcock-Wilcox and Goldie-McCulloch, Ltd.	Galt
Barber, Chas., & Sons	Meaford
Beach Foundry, Ltd.	Hinton Ave., Ottawa
Beatty Bros. Ltd.	Fergus
Beaver Foundry and Furnace Works	Harvey St., Tillsonburg
Bell, Robert, Engine & Thresher Co., The	Seaforth
Bertram, John, & Sons Co. Ltd., The	Dundas
Bissell, T. E., Co. Ltd.	Elora
Brock Snyder Manufacturing Company	Grimsby
Brown Boggs Foundry & Machine Co. Ltd.	Hamilton
Caloric Furnace Co. Ltd., The	Alliston
Canada Foundries & Forgings Ltd. (James Smart Plant)	Brockville
Canada Iron Foundries, Ltd.	Fort William, Hamilton, and St. Thomas
Canadian Locomotive Co. Ltd.	Kingston
Canadian Westinghouse Co. Ltd.	Hamilton
Chatham Foundry	400 Lacroix St., Chatham
Chrysler Corp. of Canada, Ltd.	Windsor
Clare Bros. and Co. Ltd.	216 King St., Preston
Cockshutt Plow Company, Ltd.	66 Mohawk St., Brantford
Collingwood Shipyards Ltd.	Collingwood
Doherty Mfg. Co. Ltd., The	Sarnia
Dominion Radiator & Boiler Co. Ltd.	17 S. Market St., Brantford, and 1322 Dufferin St., Toronto
Dominion Wheel & Foundries, Ltd.	171 Eastern Ave., Toronto, and Cobourg
Empire Stove and Furnace Co. Ltd.	2362 .. 3rd Avenue E., Owen Sound
Findlays Ltd.	High St., Carleton Place



LIST OF CONCERNS WHICH OPERATED IRON FOUNDRIES IN 1937 BUT WHICH WERE CLASSIFIED TO  
OTHER INDUSTRIES (continued)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO - (continued) -</u>	
Fleury's, J., Sons, Limited	Aurora
Ford Motor Co. of Canada, Ltd.	Windsor
Foster Wheeler Limited	Westchester St., St. Catharines
Frost & Wood Co. Ltd., The	Smiths Falls
General Steel Wares, Ltd.	Adelaide St., London
Gilson Mfg. Co. Ltd.	York Road, Guelph
Goodison, John, Thresher Co. Ltd., The	Clifford St., Sarnia
Grimsby Stove and Furnace Ltd.	John St., Grimsby
Guelph Stove Co. Ltd., The	Victoria Road, Guelph
Gurney Foundry Co. Ltd., The	4 Junction Road, Toronto
Hall Foundry Co. Ltd., The	Sheffield St., Hespeler
Harriston Stove Co. Ltd., The	Harriston
Herrgot Co.	Mildmay
Imperial Iron Corporation Ltd.	St. Catharines
International Harvester Co. of Canada, Ltd.	Sherman Ave., Hamilton
Jardine, A.B., & Co., Limited	Hespeler
Kennedy, William, & Sons, Ltd., The	Owen Sound
Kondu Manufacturing Co. Ltd.	Preston
Leonard, E., & Sons, Ltd.	381 York St., London
Link Belt Limited	Elmira, and 191 Eastern Ave., Toronto
London Foundry, The	683 Bathurst St., London
Long, E., Limited	Orillia
Nassey-Harris Co. Ltd.	Market St., Brantford, and 915 King St.W., Toronto
Maxwells Limited	St. Mary's
McDougall, R., Co. Ltd., The	Galt
McKinnon Industries Ltd., The	Ontario St., St. Catharines
Meaford Steel Products Ltd.	Meaford
Moffats, Ltd.	Denison Road, Weston
Mueller Ltd.	Sarnia
Napanee Iron Works Ltd.	Napanee
New Idea Furnaces, Ltd.	64 Thames St., Ingersoll
Oil Well Supply Co. Ltd.	Petrolia
Ontario Steel Products Co. Ltd.	Oshawa and Gananoque
Otaco Limited	Orillia
Otis-Fensom Elevator Co. Ltd.	Victoria Ave. N., Hamilton
Pease Foundry Co. Ltd.	Brampton
Percival Plow & Metal Works Ltd.	Merrickville
Peterborough Lock Mfg. Co. Ltd.	Peterborough
Pollard Manufacturing Co. Ltd.	564 Ferguson St., Niagara Falls
Port Arthur Shipbuilding Co. Ltd.	Port Arthur
Renfrew Machinery Co. Ltd., The	Renfrew
Sawyer-Massey Ltd.	Wellington Ave. N., Hamilton
Sheldons Limited	96 Grand Ave. S., Galt
Spencer Foundry Co. Ltd.	Fox St., Penetanguishene
Stephens-Adamson Mfg. Co. of Canada, Ltd.	Belleville
Stewart, James, Mfg. Co. Ltd., The	Tecumseh St., Woodstock
Taylor-Forbes Ltd.	Guelph
Teeswater Foundry Co.	Teeswater
Waterous Limited	Brantford
Waterloo Manufacturing Co. Ltd., The	Waterloo

LIST OF CONCERNS WHICH OPERATED IRON FOUNDRIES IN 1937 BUT WHICH WERE CLASSIFIED TO  
OTHER INDUSTRIES (concluded)

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO (concluded)</u>	
Watson, John, Mfg. Co. Ltd., The	Ayr
Western Foundry Co. Ltd.	Wingham
Whitby Malleable Iron & Brass Co. Ltd.	Whitby
White, George, & Sons, Ltd.	Cabell St., London
Whittaker Fireplaces	859 Crawford Ave., Windsor
Yale & Towne Mfg. Co. (Canadian Division)	Vine St., St. Catharines
<u>MANITOBA -</u>	
Canadian National Railways	Transcona
Canadian Pacific Railway Company	Winnipeg
Dominion Wheel & Foundries, Ltd.	Archibald St., St. Boniface
Manitoba Bridge & Iron Works Ltd.	845 Logan Ave. W., Winnipeg
Strong Scott Mfg. Co. Ltd.	772-782 Dufferin Ave., Winnipeg
<u>ALBERTA -</u>	
Canadian Pacific Railway Company	Calgary
Coutts Machinery Co. Ltd.	Edmonton
<u>BRITISH COLUMBIA -</u>	
Allard Machine Works, Ltd.	1031 Quebec St., New Westminster
Cook & Sons Foundry	266 .. 2nd Avenue E., Vancouver
Easthope Brothers Ltd.	1747 West Georgia St., Vancouver
Enamel & Heating Products, Ltd.	2101 Government St., Victoria
Hi-Power Furnace & Stoker Co.	Bridgeport
Kumfort Furnace Co. Ltd.	5669 Tyne St., Vancouver
Vancouver Stove and Heater Co. Ltd.	2100 .. 11th Avenue W., Vancouver
Yorston Bros. Foundry	1050 Boundary Rd., Vancouver

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