

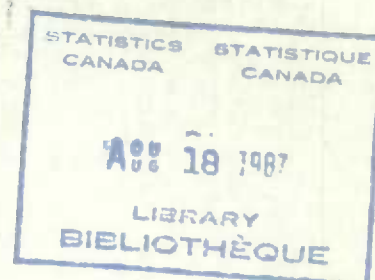
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# THE BRIDGE BUILDING AND STRUCTURAL STEEL INDUSTRY, 1958



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## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Iron and Steel Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

		A — Annual	M — Monthly	S.C. — Special Compilation		
Catalogue number	Title				Price	
41-201	Iron and Steel Products — General Review (A).....				.50	
42-202	The Agricultural Implements Industry (A).....				.50	
41-205	The Boilers and Plate Work Industry (A).....				.50	
41-207	The Bridge Building and Structural Steel Industry (A) .....				.25	
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31-001	Inventories, Shipments and Orders in Manufacturing Industries (M) .....			per year	4.00	
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## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

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### SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- <sup>P</sup> preliminary figures.

# THE BRIDGE BUILDING AND STRUCTURAL STEEL INDUSTRY, 1958

The value of work done by concerns in the Bridge Building and Structural Steel Industry amounted to \$210,882,702 in 1958 a decrease of 8.9 per cent from the \$231,450,499 reported in the previous year.

This industry includes firms which were occupied chiefly in fabricating or erecting steel for bridges, buildings, etc., and in 1958 covered the operations of 65 plants, of which 31 were located in Ontario, 18 in Quebec, 6 in British Columbia, 5 in Alberta, 2 in Nova Scotia, 2 in Manitoba and 1 in New Brunswick.

These firms gave employment to 14,531 persons who were paid \$66,027,964 in salaries and wages. Fuel and electricity cost \$1,859,516 and expenditures for materials for use in manufacturing amounted to \$100,702,283.

The principal products were 316,811 tons of structural work for buildings at \$104,788,297; 113,812 tons of other structural work, such as bridges, transmission towers, etc., at \$49,931,055; mechanical work, including cranes, trolleys, boilers, machinery, etc., at \$10,604,700 and plate and tank work at \$20,951,154.

**TABLE 1. Principal Statistics of the Bridge Building and Structural Steel Industry, Significant Years 1929 - 58, and by Provinces, 1957 and 1958**

Year and province	Estab- lish- ments	Em- ployees <sup>1</sup>	Salaries and wages <sup>1</sup>	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Gross selling value of products
	number				dollars		
1929 .....	10	4,977	8,937,427	364,936	14,557,679	19,256,873	34,179,488
1934 .....	18	1,659	2,089,552	170,764	2,765,535	1,763,844	4,700,143
1937 .....	19	3,418	5,004,456	247,801	8,657,728	7,944,795	16,850,324
1939 .....	21	2,949	4,546,648	232,377	6,786,893	8,821,322	15,840,592
1943 .....	22	10,974	23,175,872	1,005,517	24,014,652	47,495,665	72,515,834
1946 .....	25	6,091	15,825,390	639,503	18,896,434	20,586,758	40,122,695
1949 .....	29	7,149	18,576,533	802,391	30,936,308	43,953,532	75,692,231
1954 .....	43	10,881	42,167,982	1,394,349	67,131,407	85,577,222	156,102,978
1955 .....	49	11,863	46,557,144	1,527,085	79,731,908	76,453,347	157,712,340
1956 .....	51	13,707	58,440,200	1,813,402	103,229,597	99,728,554	204,771,553
<b>1957</b>							
Quebec .....	14	5,315	23,260,648	652,488	38,271,105	30,104,470	69,028,063
Ontario .....	30	6,652	29,890,716	919,456	45,061,269	55,010,287	100,991,012
Alberta .....	5	1,007	4,104,465	76,322	9,167,516	6,971,321	16,215,159
British Columbia .....	5	1,813	8,909,947	253,493	14,881,595	13,985,517	29,120,605
Nova Scotia .....	2	1,187	4,790,492	116,955	9,680,339	6,248,366	16,095,660
Manitoba .....	2						
<b>Canada</b> .....	<b>58</b>	<b>15,974</b>	<b>70,956,268</b>	<b>2,068,714</b>	<b>117,061,824</b>	<b>112,319,961</b>	<b>231,450,499</b>
<b>1958</b>							
Quebec .....	18	5,167	23,431,145	633,517	32,756,416	37,578,394	70,968,327
Ontario .....	31	5,563	25,660,226	830,604	36,633,531	46,258,317	83,722,452
Alberta .....	5	1,106	4,499,938	87,028	8,744,984	4,342,239	13,174,251
British Columbia .....	6	1,431	6,954,504	170,117	11,469,061	11,643,619	23,282,797
Nova Scotia .....	2	1,264	5,482,151	138,250	11,098,291	8,498,334	19,734,875
Manitoba .....	2						
New Brunswick .....	1						
<b>Canada</b> .....	<b>65</b>	<b>14,531</b>	<b>66,027,964</b>	<b>1,859,516</b>	<b>100,702,283</b>	<b>108,320,903</b>	<b>210,882,702</b>

<sup>1</sup> See footnote to Table 8.

<sup>2</sup> Gross value less cost of materials, fuel and electricity.

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

TABLE 2. Inventories<sup>1</sup> by Provinces, 1958

	Raw materials and supplies	Goods in process <sup>2</sup>	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec .....	18,558,649	3,347,527	260,696	22,166,872
Ontario .....	21,195,916	5,671,552	1,853,364	28,720,832
Alberta .....	4,200,438	278,120	32,240	4,510,798
British Columbia .....	7,513,952	57,256	322,772	7,893,980
New Brunswick, Nova Scotia and Manitoba .....	5,415,249	1,017,865	244,021	6,677,135
<b>Canada .....</b>	<b>56,884,204</b>	<b>10,372,320</b>	<b>2,713,093</b>	<b>69,969,617</b>
Closing:				
Quebec .....	13,164,290	3,779,556	675,318	17,619,164
Ontario .....	16,403,386	4,900,260	1,486,264	22,789,910
Alberta .....	3,072,888	457,567	15,714	3,546,169
British Columbia .....	4,617,346	1,211,759	296,440	6,125,545
New Brunswick, Nova Scotia and Manitoba .....	3,620,778	2,980,907	210,642	6,812,327
<b>Canada .....</b>	<b>40,878,688</b>	<b>13,330,049</b>	<b>2,684,378</b>	<b>56,893,115</b>

<sup>1</sup> (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Bridge Building and Structural Steel Industry, for the year under review are shown in the above table.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones or the transfer of establishments to other industries for statistical purposes.

<sup>2</sup> Adjusted to allow for progress payments.

TABLE 3. Products Made in the Bridge Building and Structural Steel Work Industry, 1957 and 1958

Product	1957		1958	
	Quantity	Selling value at works	Quantity	Selling value at works
	tons	\$	tons	\$
Structural work:				
Buildings .....	357,548	125,081,539	316,811	104,788,297
Bridges .....	68,911	27,736,602	43,236	24,437,989
Transmission towers .....	32,634	10,190,947	37,427	13,510,380
All other .....	47,255	18,089,782	33,149	11,982,686
<b>Total structural work .....</b>	<b>506,348</b>	<b>181,098,870</b>	<b>430,623</b>	<b>154,719,352</b>
Other production:				
Plate and tank work, including tanks, hoppers, digesters, etc. ..	—	13,017,428	..	20,951,154
Mechanical work, including cranes, trolleys, boilers, machinery, etc. ....	—	10,154,064	..	10,604,700
Custom work and repairs .....	—	1,878,061	..	1,073,650
Other products <sup>1</sup> .....	—	14,976,541	..	14,640,192
Work done during year on products not completed at year-end ....	—	52,549,424	..	61,344,833
<b>Total value of structural work and other production .....</b>	<b>—</b>	<b>273,674,388</b>	<b>..</b>	<b>263,333,881</b>
Less value of work done in previous years on products completed during the year .....	—	42,223,889	..	52,451,179
<b>Total production for year .....</b>	<b>—</b>	<b>231,450,499</b>	<b>...</b>	<b>210,882,702</b>

<sup>1</sup> Includes barges, reinforcing steel, castings, etc.

Note: Plate and tank work and some structural work was done also in other industries, particularly in the Boilers and Platework Industry.

TABLE 4. Materials Used in the Bridge Building and Structural Steel Work Industry, 1957 and 1958

Material		1957		1958	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Steel (except alloy steel):					
Castings (rough and semi-finished received from foundry):					
Iron (gray and malleable) .....	ton	1,095	337,419	339	115,502
Steel .....	"	1,110	609,841	567	312,619
Bars .....	"	66,047	9,767,340	61,942	9,088,449
Plates (3/16 in. and thicker) .....	"	113,787	17,339,579	95,866	15,480,887
Sheets (under 3/16 in.):					
Black .....	"	9,077	1,277,053	6,685	1,021,022
Galvanized .....	"	5,124	744,798	4,329	793,440
Strips (less than 14 in. wide) .....	"	2,954	469,549	5,585	758,978
Structural shapes .....	"	439,315	64,357,639	344,372	50,014,879
Wire .....	"	432	120,272	1,196	145,454
Alloy steel in all forms:					
Alloy steel (other than stainless and tool steel):					
Billets, bars and rods .....	..	..	317,002	..	505,414
Other shapes .....	..	..	20,057	..	—
Stainless—Billets, bars and rods .....	..	..	5,185	..	6,272
Sheets .....	..	..	132,720	..	66,360
Other shapes .....	..	..	600	..	..
Tool steel (all types including high speed):					
Billets, bars and rods .....	..	..	38,648	..	23,013
Other shapes .....	..	..	5,702	..	5,702
Other iron and steel .....	...	...	2,251,905	...	3,935,369
Non-ferrous metals in all forms:					
Aluminum—Sheet .....	pounds	11,746	6,004	28,698	16,508
Other forms .....	"	7,282	2,551	25,148	10,101
Brass and bronze .....	"	204,879	154,037	113,966	68,360
Copper—Sheet .....	"	208	223	2,400	1,282
Lead .....	"	68,957	16,785	39,608	6,636
Zinc .....	"	3,769,207	487,612	2,047,172	215,667
Other non-ferrous metals .....	...	...	73,435	...	84,265
Other materials and supplies:					
Paints, oils and varnishes .....	..	..	918,258	..	769,213
Lumber .....	M bd. ft.	2,618	263,275	1,080	110,543
All other materials .....	...	...	17,344,335	...	17,146,348
<b>Total materials and supplies .....</b>		<b>...</b>	<b>117,061,824</b>	<b>...</b>	<b>100,702,283</b>

TABLE 5. Principal Statistics of the Bridge Building and Structural Steel Industry, grouped according to Size of Establishment, 1957 and 1958

Establishments reporting a value of production	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Gross selling value of products
	number			dollars		
<b>1957</b>						
\$50,000 to \$99,999 .....	4	32	124,212	4,061	167,071	314,475
\$100,000 " \$199,999 .....	3	50	162,038	7,442	297,060	488,807
\$200,000 " \$499,999 .....	8	222	858,619	53,593	1,396,990	2,629,322
\$500,000 " \$999,999 .....	6	311	1,389,164	46,927	2,081,388	4,410,595
\$1,000,000 " \$4,999,999 .....	21	3,601	14,907,710	551,675	31,833,386	57,950,237
\$5,000,000 and over .....	16	11,758	53,514,525	1,405,016	81,285,929	165,657,063
<b>Totals .....</b>	<b>58</b>	<b>15,974</b>	<b>70,956,268</b>	<b>2,068,714</b>	<b>117,061,824</b>	<b>231,450,499</b>
<b>1958</b>						
\$50,000 to \$99,999 .....	6	38	123,843	4,062	141,206	281,329
\$100,000 " \$199,999 .....	6	80	283,121	8,314	463,107	832,108
\$200,000 " \$499,999 .....	8	205	863,256	50,802	1,558,045	3,007,753
\$500,000 " \$999,999 .....	7	342	1,346,303	58,336	2,301,525	4,610,000
\$1,000,000 " \$4,999,999 .....	26	4,926	21,868,000	708,956	34,552,620	66,095,920
\$5,000,000 and over .....	12	8,940	41,543,441	1,029,046	61,685,780	135,933,819
<b>Totals .....</b>	<b>65</b>	<b>14,531</b>	<b>66,027,964</b>	<b>1,859,516</b>	<b>100,702,283</b>	<b>210,760,929</b>

**TABLE 6. Capital and Repair Expenditures in the Bridge Building and Structural Steel Work Industry, 1954-58**

Year	Capital expenditures		Sub- total	Repair and maintenance expenditures		Sub- total	Total capital and repair expenditures
	Con- struction	Machinery and equipment		Con- struction	Machinery and equipment		
	thousands of dollars						
1954 .....	1, 310	2, 450	3, 760	522	1, 377	1, 899	5, 659
1955 .....	1, 201	1, 995	3, 196	414	1, 539	1, 953	5, 149
1956 .....	1, 706	3, 613	5, 319	591	1, 833	2, 424	7, 743
1957 .....	5, 755	6, 391	12, 146	782	2, 030	2, 812	14, 958
1958 .....	3, 362	4, 921	8, 283	512	1, 957	2, 469	10, 752

**TABLE 7. Employees, Salaries and Wages, by Provinces, in the Bridge Building and Structural Work Industry, 1957 and 1958**

Province	Employees					Salaries and wages		
	Supervisory and office		Production workers <sup>1</sup>		Total	Supervisory and office	Production workers <sup>1</sup>	Total
	Male	Female	Male	Female				
1957	number					dollars		
Quebec .....	997	204	4,114	—	5,315	6,986,920	16,273,728	23,260,648
Ontario .....	1,237	276	5,127	12	6,652	7,274,119	22,616,597	29,890,716
Alberta .....	207	44	756	—	1,007	1,294,680	2,809,785	4,104,465
British Columbia .....	298	68	1,447	—	1,813	1,947,625	6,962,322	8,909,947
Other provinces .....	281	71	835	—	1,187	1,576,581	3,213,911	4,790,492
Canada .....	3,020	663	12,279	12	15,974	19,079,925	51,876,343	70,956,268
1958								
Quebec .....	986	219	3,962	—	5,167	7,316,290	16,114,855	23,431,145
Ontario .....	1,187	261	4,098	17	5,563	7,614,161	18,046,065	25,660,226
Alberta .....	249	57	800	—	1,106	1,521,845	2,978,093	4,499,938
British Columbia .....	287	65	1,078	1	1,431	1,864,184	5,090,320	6,954,504
Other provinces .....	293	73	898	—	1,264	1,735,921	3,746,230	5,482,151
Canada .....	3,002	675	10,836	18	14,531	20,052,401	45,975,563	66,027,964

<sup>1</sup> See footnote to Table 8.**TABLE 8. Production Workers<sup>1</sup> by Months, 1957 and 1958**

Month	1957				1958			
	Male		Female	Total	Male		Female	Total
	In shops	On erection			In shops	On erection		
	number							
January .....	8, 845	2, 475	12	11, 332	8, 561	2, 514	18	11, 093
February .....	9, 198	2, 762	12	11, 972	8, 472	2, 589	18	11, 079
March .....	9, 469	2, 789	12	12, 270	8, 255	2, 541	18	10, 814
April .....	9, 666	2, 734	12	12, 412	8, 200	2, 513	18	10, 731
May .....	9, 503	3, 008	12	12, 523	8, 399	2, 604	18	11, 021
June .....	9, 797	3, 026	12	12, 835	8, 732	2, 674	18	11, 424
July .....	9, 778	3, 181	12	12, 971	8, 502	2, 660	18	11, 180
August .....	9, 659	3, 147	12	12, 818	8, 526	2, 754	18	11, 298
September .....	9, 863	3, 115	12	12, 990	8, 628	2, 734	18	11, 380
October .....	9, 525	3, 076	12	12, 613	8, 303	2, 661	18	10, 982
November .....	9, 006	2, 991	12	12, 009	7, 649	2, 260	18	9, 927
December .....	8, 589	2, 458	12	11, 059	7, 275	1, 985	18	9, 278
Average .....	9, 405	2, 874	12	12, 291	8, 293	2, 543	18	10, 854

<sup>1</sup> Breakdown as between "In shops" and "On erection" was not collected before 1955, accordingly, it is possible that in some cases erection crews were not reported and, therefore, not included under production workers. For this reason data relating to production workers and wages shown for 1955 and later years may not be exactly comparable with previous years.

TABLE 9. Fuel and Electricity Used in the Bridge and Structural Steel Work Industry, 1957 and 1958

		1957		1958	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal (a) From Canadian mines .....	ton	10,053	124,683	9,369	113,766
(b) Imported .....	"	4,635	58,410	2,872	37,872
Anthracite coal .....	"	87	2,254	92	2,388
Lignite coal .....	"	1,780	9,309	1,998	12,480
Coke .....	"	235	4,665	108	2,084
Gasoline (including gasoline used in cars and trucks)....	Imp. gal.	1,409,164	503,742	1,311,535	475,209
Kerosene .....	"	20	7	3,067,875	389,760
Fuel oil .....	"	2,906,750	522,619		
Gas (a) Liquefied petroleum gases .....	"	2,600	1,333	8,872	2,577
(b) Other manufactured gas .....	M cu. ft.	7,069	12,372	6,740	9,954
(c) Natural gas .....	"	126,680	76,362	168,270	104,111
Other fuel .....		—	—	...	8,134
Electricity purchased .....	kwh.	54,122,465	752,958	55,042,334	701,181
<b>Totals .....</b>		<b>...</b>	<b>2,068,714</b>	<b>...</b>	<b>1,839,316</b>

**TABLE 10. Total Horsepower Rating of Equipment in Use or Available for Use  
in the Bridge and Structural Steel Work Industry, at the End of 1958**

Type of equipment	Not driving generators
	horsepower
<b>A. Prime movers</b>	
Steam engines .....	441
Diesel engines .....	739
Gasoline, gas and oil engines, other than diesel engines .....	3,225
<b>Totals</b> .....	<b>4,405</b>
<b>B. Electric motors (one-quarter horsepower and over)</b> .....	<b>53,695</b>

### List of Firms in the Bridge Building and Structural Steel Work Industry, 1958

Name of firm	Location of plant
<b>Nova Scotia:</b>	
Dominion Structural Steel Limited.....	Burnside
Robb Engineering Works Limited.....	51 La Planche St., Amherst
<b>New Brunswick:</b>	
York Structural Steel Co. ....	955 Union St., Fredericton
<b>Quebec:</b>	
B & H Metal Industries Co. Ltd. ....	4650 Notre Dame St. E., Montreal 24
The Canadian Bridge Co., Limited .....	5901 Irwin St., Ville la Salle
Canadian Structural Steel Works Co. Ltd. ....	4500 - 17th Ave., Rosemount (Montreal)

## List of Firms in the Bridge Building and Structural Steel Work Industry, 1958 — Concluded

Name of firm	Location of plant
<b>Quebec — Concluded:</b>	
Central Quebec Steel Ltd. ....	1005 Pere Daniel, Trois Rivières
Cobra Industries Inc. ....	45 Dorchester Sud, Quebec
Dominion Structural Steel Limited .....	6894 Clanranald Ave., Montreal
Dominion Bridge Co. Ltd. ....	555 Notre Dame St., Lachine
Eastern Canada Steel & Iron Works Ltd. ....	Lesage Ave., Quebec
Leeds' Bridge and Iron Works Ltd. ....	175 Wanklyn St., Ville la Salle
Lemaire & Cie Ltée .....	5565 Rue Fullum, Montreal 36
Les Structures d'Acier Saguenay Lac St. Jean Ltée .....	31 Racine, Chicoutimi
Lord & Company Ltd. ....	4700 Iberville St., Montreal
MacKinnon Structural Steel Company Limited .....	575 DesForges St., Sherbrooke
Marcotte, J.P., & Cie Ltée. ....	7964—18ieme Ave., Ville St. Michel
Quebec Structure & Metal Inc. ....	Blvd. Henri Bourassa, Quebec
Rimouski Structure Enr. ....	53 Fiset, Rimouski
Ross Structural Steel Ltd. ....	4900 Amiens, Montreal N.
Standard Structural Steel Ltd. ....	5330 Pare St., Montreal
<b>Ontario:</b>	
Argus Steel Construction Limited .....	5 Brydon Drive, Rexdale
Brayshaws Steel Limited .....	184 Van Horne St., Port Arthur
Bridge & Tank Co. of Canada .....	Depew St., Hamilton
Camsteel Limited .....	5343 Dundas St. W., Toronto 18
The Canadian Bridge Company Limited .....	1219 Walker Road, Windsor
Central Bridge Company Limited .....	300 West St., Trenton
Classic Ironworks Limited .....	38 Crockford Blvd., Scarborough
Crowley Steel Fabricating & Stamping Co. ....	1 Bond St., Dundas
Dominion Bridge Company Limited .....	1139 Shaw St., Toronto
Dominion Bridge Company Limited .....	Charlevoix St., Eastview
Dominion Bridge Co. Ltd. ....	177 Conmee Ave., Sault Ste. Marie
Dominion Fire Escape & Steel Works .....	502 Dundas St. E., Cooksville
Dominion Structural Steel Ltd., Disher Steel Division .....	Disco Road, Rexdale
Dominion Structural Steel Ltd. ....	Star Top Road, Ottawa
Frankel Steel Construction Limited .....	East Don Roadway, Toronto
Hepburn, John T., Limited .....	914-948 Dupont St., Toronto 4
Leeds Bridge and Iron Works Limited .....	Crosby Road, Gananoque
London Steel Construction Co., Limited .....	48 Burslem St., London
McDonald Welding Limited .....	235 Speers Road, Oakville
Newman Structural Steel Ltd. ....	64 North St., St. Catharines
Niagara Structural Steel Ltd. ....	Smith & Petrie Sts., St. Catharines
Noront Steel Construction Co. Limited .....	510 Whissell St., Sudbury
Oshawa Structural Steel Co. ....	66 Russett Ave., Oshawa
Provincial Engineering Ltd. ....	Stanley St., Niagara Falls
Runnymede Steel Construction Ltd. ....	3370 Dundas St. W., Toronto
Sarnia Bridge Co. Limited .....	251 Campbell St., Sarnia
Scarboro Steel Works Limited .....	102 Manville Rd., Scarboro
Standard Iron & Steel Works Limited .....	3430 Dundas St. W., Toronto 9
Standard Steel Construction Co. Division of United Steel Corporation Ltd. ....	Port Robinson
V.H. Metal Services Limited .....	385 Salter Ave., Windsor
York Steel Construction Ltd. ....	75 Ingram Drive, Toronto 9
<b>Manitoba:</b>	
Bridge & Tank Western Limited .....	Sutherland & Maple, Winnipeg
Dominion Bridge Company, Limited .....	Dublin Ave., Winnipeg
<b>Alberta:</b>	
Calgary Structural Steel Ltd. ....	205—55th Ave., Calgary
Carry, C.W. Ltd. ....	10530—103 St., Edmonton
Dominion Bridge Company Limited .....	803—24th Ave. S.E., Calgary
Standard Iron & Engineering Works, Limited .....	120th St. and 107th Ave., Edmonton
Western Metal Fabricators Ltd. ....	1501—2nd Ave. S., Lethbridge
<b>British Columbia:</b>	
Allied Steel Fabricators Limited .....	Bay 19, Annacis Industrial Estate, New Westminster
C.B. Archibald Steel Fabricating Co. Ltd. ....	6787 East Hastings St., Burnaby
Coast Steel Fabricators Ltd. ....	1423 Grant St., Vancouver 6
Dominion Bridge Co. Ltd. ....	2450 Boundary Road, Burnaby
Gilchrist Engineering & Steel Fabricators Ltd. ....	2525 Skeena, Vancouver 10
Western Bridge and Steel Fabricators Ltd. ....	145 W. 1st Ave., Vancouver 10



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