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ANNUAL



# FABRICATED STRUCTURAL METAL INDUSTRY

## 1961

The list of firms normally included in this report has been omitted from this issue, along with certain tables. See introductory text for details.

### ANNUAL CENSUS OF MANUFACTURES

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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.

## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 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. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

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 1961, 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

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

### 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 but will be shown separately in subsequent years.

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, handling, warehousing and delivery staff. 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 the calendar year 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 with salaries, but will be shown separately in subsequent years. 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 establishment including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components 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 or 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 generally refer to shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishment 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 which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment 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 value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

### Value added by Manufacturing

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

<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 advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

### Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.





# FABRICATED STRUCTURAL METAL INDUSTRY

1961

Data presented in this report under the heading of Fabricated Structural Metal Industry reflect implementation of the revised Standard Industrial Classification (S.I.C.) and New Establishment Concept which are being used by the Dominion Bureau of Statistics in its compilation of 1961 industry statistics — see items "Standard Industrial Classification" and "Establishment" in the Explanatory Notes section of this report. For statistical purposes the industry titled Fabricated Structural Metal Industry in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in fabrication of heavy steel parts and similar parts of other metals and alloys for structural purposes. Products of this industry include fabricated shapes for bridges, buildings, large tanks and similar structures. Establishments in this industry may erect buildings, bridges and large tanks as well as fabricate the metal parts but they are primarily engaged in fabrication. Establishments primarily engaged in the erection of buildings, bridges and large tanks from purchased metal parts are included in Industry 421—Special—Trades Contractors.

The introduction of the new definition of establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. For the most part the effect of these changes was minimal.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of certain tables normally contained in this report. It is planned to resume publication of these tables in the 1962 reports. In general the tables affected are the following: Directory of firms—Imports—Exports—Capital and Repair Expenditures.

**Note:** (a) In addition to accommodating the changes resulting from the introduction of the Standard Industrial Classification and the new definition of establishment, data as presented in the 1961 report for this industry reflect an adjustment in the figures for work put in place but not completed at year end. Figures for years back to 1957 (Table 1) have been adjusted accordingly.

(b) Figures for value added by manufacture prior to 1960 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1960 the procedure for calculating "value added" was amended to take into account the change in "finished goods" inventory to accommodate products such as joists, reinforcing bars, small boilers, machinery, small tanks and other miscellaneous equipment reported in terms of factory shipments rather than production. Figures for years back to 1957 (Table 1) have been adjusted accordingly.

**TABLE 1. Principal Statistics, Fabricated Structural Metal Industry, by Provinces, 1957-61**

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture	Value of factory shipments
	number				dollars		
<b>1957</b>							
Nova Scotia.....	2	} 5,855	25,136,245	729,825	43,652,855		76,931,583
Quebec.....	15						
Ontario.....	33	7,906	35,872,570	1,044,150	57,650,692		127,456,767
Manitoba.....	2	} 1,871	7,719,675	185,420	17,701,582	1	31,120,034
Alberta.....	6						
British Columbia.....	5	1,813	8,909,947	253,493	14,881,595		32,286,870
<b>Canada.....</b>	<b>63</b>	<b>17,445</b>	<b>77,638,437</b>	<b>2,212,888</b>	<b>133,886,724</b>		<b>267,795,254</b>
<b>1958</b>							
Nova Scotia.....	2	} 333	1,301,093	53,950	2,635,621	1,940,347	4,629,918
New Brunswick.....	1						
Quebec.....	18	5,180	23,466,545	639,712	32,723,457	40,001,958	72,535,883
Ontario.....	33	6,608	31,022,945	975,711	47,644,077	48,336,963	97,624,851
Manitoba.....	2	} 2,062	8,780,396	176,331	18,074,515	15,956,334	34,306,990
Alberta.....	6						
British Columbia.....	6	1,431	6,954,504	170,117	11,469,061	13,436,402	25,129,190
<b>Canada.....</b>	<b>68</b>	<b>15,614</b>	<b>71,525,483</b>	<b>2,015,821</b>	<b>112,546,731</b>	<b>119,672,004</b>	<b>234,226,832</b>
<b>1959</b>							
Nova Scotia.....	2	} 382	1,433,334	56,322	2,587,032	2,425,631	5,068,985
New Brunswick.....	1						
Quebec.....	17	5,274	24,330,546	678,187	35,237,004	39,768,024	76,409,353
Ontario.....	33	6,407	31,022,545	1,057,893	46,955,669	45,661,382	96,101,254
Manitoba.....	3	} 1,147	5,428,049	93,907	8,557,932	9,898,682	18,499,425
Saskatchewan.....	1						
Alberta.....	6	1,259	5,466,843	96,436	10,717,231	6,820,277	17,633,944
British Columbia.....	5	1,277	6,383,372	174,541	9,360,062	6,570,201	16,089,442
<b>Canada.....</b>	<b>68</b>	<b>15,746</b>	<b>74,064,689</b>	<b>2,157,286</b>	<b>113,414,930</b>	<b>111,144,197</b>	<b>229,802,403</b>
<b>1960</b>							
Nova Scotia.....	2	} 440	1,805,100	66,667	3,366,587	3,343,476	6,776,730
New Brunswick.....	2						
Quebec.....	17	4,973	23,403,253	625,397	30,114,418	30,005,482	60,699,598
Ontario.....	33	6,347	31,117,745	1,075,908	50,776,276	54,109,948	105,807,163
Manitoba.....	4	888	4,489,437	91,183	4,969,948	9,664,714	14,741,395
Saskatchewan.....	3	150	537,432	16,143	1,439,068	411,438	1,848,238
Alberta.....	7	1,172	5,167,596	111,056	10,046,311	6,976,982	17,134,349
British Columbia.....	5	1,225	6,511,628	204,696	9,431,125	1,736,550	11,676,492
<b>Canada.....</b>	<b>73</b>	<b>15,195</b>	<b>73,032,191</b>	<b>2,191,050</b>	<b>110,143,733</b>	<b>106,248,590</b>	<b>218,683,965</b>
<b>1961</b>							
Nova Scotia.....	2	} 613	2,561,411	98,899	5,779,323	4,045,235	9,867,964
New Brunswick.....	3						
Quebec.....	19	4,378	22,317,703	573,002	34,763,822	27,254,553	62,621,037
Ontario.....	34	5,948	30,031,698	950,225	49,526,055	47,500,125	97,963,183
Manitoba.....	5	765	3,731,076	100,288	3,919,995	4,054,891	8,148,789
Saskatchewan.....	3	225	961,727	30,688	2,232,976	1,348,627	3,606,914
Alberta.....	7	954	4,209,754	91,391	8,251,534	5,709,906	14,052,831
British Columbia.....	5	906	4,596,163	172,155	7,541,072	6,115,769	13,800,486
<b>Canada.....</b>	<b>78</b>	<b>13,789</b>	<b>68,409,532</b>	<b>2,016,648</b>	<b>112,014,777</b>	<b>96,029,106</b>	<b>210,061,203</b>

<sup>1</sup> Because of lack of inventory data "Value added" is not available for 1957.

Note: Value of shipments includes erected value for products which were fabricated and erected.



TABLE 2. Inventories:<sup>1</sup> Fabricated Structural Metal Industry, 1961

	Raw materials and supplies	Goods in process <sup>2</sup>	Finished goods of own manufacture	Total
	dollars			
Opening: <sup>3</sup>				
Quebec .....	11,583,815	8,828,294	204,948	20,617,057
Ontario .....	17,546,756	9,055,796	391,298	26,993,850
Alberta .....	3,911,422	808,843	—	4,720,265
British Columbia .....	3,170,762	1,451,907	240,241	4,862,910
New Brunswick, Nova Scotia, Manitoba and Saskatchewan .....	6,742,741	2,476,499	522,832	9,742,072
<b>Canada .....</b>	<b>42,955,496</b>	<b>22,621,339</b>	<b>1,359,019</b>	<b>66,936,154</b>
Closing:				
Quebec .....	12,674,693	7,895,409	175,288	20,745,390
Ontario .....	14,198,961	12,171,354	404,520	26,774,835
Alberta .....	3,149,269	984,893	—	4,134,162
British Columbia .....	3,397,073	1,992,170	268,752	5,657,995
New Brunswick, Nova Scotia, Manitoba and Saskatchewan .....	5,742,723	2,548,140	511,087	8,801,950
<b>Canada .....</b>	<b>39,162,719</b>	<b>25,591,966</b>	<b>1,359,647</b>	<b>66,114,332</b>

<sup>1</sup> Book value of all manufacturing inventories owned and held at plant and plant warehouses.<sup>2</sup> Adjusted to allow for progress payments.<sup>3</sup> The opening inventory for 1961 differs from the closing inventory for 1960 because of the receipt of revised data, the inclusion of new establishments, the removal of figures for establishments which did not operate in 1961, changes in classification and the implementation of the New Establishment Concept.

TABLE 3. Products Made in the Fabricated Structural Metal Industry, 1961

Item	Quantity shipped	Value of factory shipments <sup>1</sup>
		\$
Structural work:		
Bridges .....	ton 64,151	27,443,007
Buildings-Industrial .....	" 153,380	49,886,674
Residential, commercial and institutional .....	" 156,970	49,485,460
Other buildings .....	" 15,840	5,412,918
Transmission towers .....	" 10,973	4,115,357
Other structural steel .....	" 22,293	9,420,736
Metal tanks and vessels, custom fabricated and field erected:		
Bulk storage tanks .....	" 7,232	3,973,566
Pressure vessels and tanks including process vessels, tanks and kettles for refineries, etc. ....	" 2,435	1,254,031
Fabricated steel plate(factory assembled or formed and prepared for field erection) .....	..	16,503,909
Tanks (complete at factory) and cylinders:		
Tanks and vessels, pressure and vacuum (excluding hot water tanks):		
Liquefied petroleum gas tanks .....	No. 1,202	596,502
Other pressure and vacuum tanks and vessels .....	..	715,851
Storage and processing tanks .....	..	1,322,919
Boilers and parts .....	..	2,731,045
Heat exchangers .....	No. 134	1,038,782
Hoisting machinery and parts (except mine hoists) .....	..	2,046,652
Miscellaneous products:		
Fabricated bar joists .....	ton 22,524	7,437,015
Fabricated concrete reinforcing bar .....	" 29,160	5,765,192
Custom work and repairs .....	...	3,205,714
All other products .....	...	14,107,692
Work done in 1961 on products not completed at year-end .....	...	64,276,135
<b>Total of above .....</b>	<b>...</b>	<b>270,739,157</b>
Less value of work done in previous years on products completed during 1961 .....	...	58,969,806
<b>Total production for year .....</b>	<b>...</b>	<b>211,769,351</b>
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above. ....	...	1,708,148
<b>Total (adjusted) .....</b>	<b>...</b>	<b>210,061,203</b>

<sup>1</sup> Value of shipments includes erected value for products which were fabricated and erected.

TABLE 4. Materials Used: Fabricated Structural Metal Industry, 1961

Material	Quantity	Cost at works
		\$
Steel (except alloy steel):		
Castings (rough and semi-finished received from foundry):		
Iron (gray and malleable) .....	ton 625	253,206
Steel .....	" 4,431	791,235
Bars .....	" 88,747	12,021,746
Plates (3/16 in. and thicker) .....	" 117,944	17,848,847
Sheets (under 3/16 in.):		
Plain .....	" 5,380	790,385
Galvanized .....	" 5,088	837,737
Strips .....	" 7,490	1,007,193
Structural shapes .....	" 331,574	48,490,434
Wire .....	" 450	87,767
Alloy steel in all forms:		
Alloy steel (other than stainless and tool steel):		
Billets, bars and rods .....	..	246,907
Stainless — Billets, bars and rods .....	..	20,513
Other shapes .....	..	304,236
Tool steel (all types including high speed):		
Billets, bars and rods .....	..	91,586
Other shapes .....	..	340
Other iron and steel .....	...	3,023,540
Non-ferrous metals in all forms:		
Aluminum .....	lb. 15,117	13,826
Brass and bronze .....	" 26,055	18,270
Lead .....	" 450	342
Zinc .....	" 1,332,845	164,781
Other non-ferrous metals .....	..	12,268
Other materials and supplies:		
Paints, oils and varnishes .....	..	554,352
Lumber .....	M bd. ft. 626	78,462
All other materials <sup>1</sup> .....	...	25,356,896
<b>Total materials and supplies</b> .....	...	<b>112,014,777</b>

<sup>1</sup> No detailed information on materials used was collected from small establishments. The estimated value of materials used by these establishments was \$1,827,067 in 1961 and this amount is included in "All other materials".

TABLE 5. Principal Statistics classified according to Type of Ownership: Fabricated Structural Metal Industry, 1961

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value of factory shipments
	number			dollars		
Partnerships .....	2	} 13,789	68,409,532	2,016,648	112,014,777	210,061,203
Incorporated companies .....	76					
<b>Totals</b> .....	<b>78</b>	<b>13,789</b>	<b>68,409,532</b>	<b>2,016,648</b>	<b>112,014,777</b>	<b>210,061,203</b>

TABLE 6. Principal Statistics grouped according to Selling Value of Factory Shipments:  
Fabricated Structural Metal Industry, 1961

Establishments reporting factory shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value of factory shipments
	number		dollars			
\$ 50,000 to \$ 99,999 .....	1	80	309,244	11,880	401,606	686,910
\$ 100,000 " 199,999 .....	4					
\$ 200,000 " 499,999 .....	14	380	1,465,197	61,634	2,023,935	3,940,855
500,000 " 999,999 .....	11	530	2,184,149	78,910	4,760,343	8,105,895
1,000,000 " 4,999,999 .....	36	5,753	26,182,064	882,870	49,202,041	87,974,072
5,000,000 and over .....	12	7,046	38,268,878	981,354	55,626,852	109,353,471
<b>Totals</b> .....	<b>78</b>	<b>13,789</b>	<b>68,409,532</b>	<b>2,016,648</b>	<b>112,014,777</b>	<b>210,061,203</b>

TABLE 7. Employees and their Earnings: Fabricated Structural Metal Industry, 1961

Province	Employees					Salaries and wages		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Quebec .....	936	205	3,237	—	4,378	7,902,401	14,415,302	22,317,703
Ontario .....	1,124	253	4,558	13	5,948	7,579,670	22,452,028	30,031,698
Alberta .....	258	59	632	5	954	1,423,034	2,786,720	4,209,754
British Columbia .....	263	45	598	—	906	1,655,388	2,940,775	4,596,163
Other provinces .....	439	83	1,055	26	1,603	2,584,665	4,669,549	7,254,214
Canada .....	3,020	645	10,080	44	13,789	21,145,158	47,264,374	68,409,532

TABLE 8. Production Workers by Months: Fabricated Structural Metal Industry, 1961

Month	Establishments reporting monthly detail <sup>1</sup>		
	Male		Female
	In shops	On erection	
January .....	7,519	2,405	45
February .....	7,370	2,343	46
March .....	7,123	2,159	46
April .....	7,391	2,162	46
May .....	7,620	2,395	46
June .....	7,840	2,662	43
July .....	7,654	2,765	42
August .....	7,821	2,719	42
September .....	7,825	2,224	42
October .....	7,439	2,112	42
November .....	6,983	2,689	44
December .....	6,617	2,180	45
Average for establishments reporting monthly detail .....	9,835		45
Average estimated for small establishments <sup>2</sup> .....	245		—
Average for all establishments .....	10,080		45

<sup>1</sup> The number of production workers, by months, was collected only for large establishments.

<sup>2</sup> The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.



TABLE 9. Fuel and Electricity Used: Fabricated Structural Metal Industry, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal:		
(a) From Canadian mines .....	ton	5,518
(b) Imported .....	"	1,683
Anthracite coal .....	"	454
Lignite coal .....	"	2,392
Coke .....	"	516
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	1,277,663
Fuel oil including kerosene or coal oil .....	"	3,262,961
Gas:		
(a) Liquefied petroleum gases .....	"	110,434
(b) Other manufactured gas .....	M cu. ft.	9,862
(c) Natural gas .....	"	241,783
Other fuel .....		..
Electricity purchased .....	kwh.	67,251,659
2. Estimate for establishments for which no data were collected: <sup>2</sup>		
Cost of fuel and electricity .....		..
3. All establishments:		
Total cost of fuel and electricity .....		...
		2,016,648

<sup>1</sup> Large establishments.<sup>2</sup> Small establishments.



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