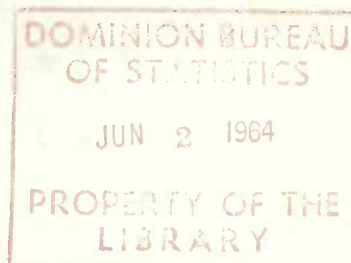


CATALOGUE No. 41-223  
ANNUAL



# BOILER AND PLATE WORKS

## 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.



## BOILER AND PLATE WORKS

1961

Data presented in this report under the heading of Boiler and Plate Works reflect implementation of the revised Standard Industrial Classification (S.I.C.) and the 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 Boiler and Plate Works in the revised Standard Industrial Classification covers establishments primarily engaged in the manufacture of heating and power boilers except cast iron sectional heating boilers, storage tanks, pressure tanks, smokestacks, plate work and similar boiler shop products. Some establishments in this industry engage both in the fabrication of the product and its installation. In these cases the establishment is classified on the basis of its principal activity i.e. either fabricating or installing the product. Establishments installing mainly products of their own manufacture are considered as primarily engaged in fabrication, and are included in this industry, but those primarily engaged in erecting boilers or smokestacks from purchased parts are included in Industry No. 409—Other Construction. Establishments primarily engaged in fabricating and erecting large storage tanks which must be assembled at the site are included in Industry No. 302—Fabricated Structural Metal Industry.

The introduction of the new definition of establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some minor adjustments to the statistics. In the case of this industry the changes involved combinations of reporting units.

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.



**TABLE 1. Principal Statistics: Boiler and Plate Works, 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 plant	Cost at plant of materials used	Value added by manufacture	Value of factory shipments
	number				dollars		
<b>1957</b>							
Nova Scotia .....	2	1,772	6,699,900	254,661	15,058,020		25,917,315
Quebec .....	16						
Ontario .....	35	2,691	11,319,133	421,334	15,299,720		28,881,246
Manitoba .....	1	104	357,679	23,298	1,216,782	1	1,861,385
Saskatchewan .....	2						
Alberta .....	10	349	1,401,341	143,433	2,179,827		5,161,768
British Columbia .....	12	311	1,498,526	66,747	2,106,551		4,314,837
<b>Canada .....</b>	<b>78</b>	<b>5,227</b>	<b>21,276,579</b>	<b>909,473</b>	<b>35,860,900</b>		<b>66,136,551</b>
<b>1958</b>							
Nova Scotia .....	2	1,716	6,518,489	254,862	13,727,549	10,550,507	24,555,929
Quebec .....	16						
Ontario .....	34	2,448	10,384,115	374,043	12,307,683	15,282,459	28,546,032
Manitoba .....	1	398	1,579,687	136,650	2,823,204	2,727,490	5,683,890
Saskatchewan .....	1						
Alberta .....	10	183	837,129	46,798	1,133,605	1,470,987	2,654,961
British Columbia .....	11						
<b>Canada .....</b>	<b>75</b>	<b>4,745</b>	<b>19,319,420</b>	<b>812,353</b>	<b>29,992,041</b>	<b>30,031,443</b>	<b>61,440,812</b>
<b>1959</b>							
Nova Scotia .....	2	1,735	6,981,046	234,172	16,395,190	9,961,496	26,926,239
Quebec .....	16						
Ontario .....	33	2,500	10,813,698	403,402	13,995,373	17,769,815	30,238,801
Manitoba .....	1	489	1,932,524	154,553	4,465,258	3,162,282	7,561,722
Saskatchewan .....	1						
Alberta .....	9	183	854,977	49,429	1,169,308	980,806	2,189,217
British Columbia .....	10						
<b>Canada .....</b>	<b>72</b>	<b>4,907</b>	<b>20,582,245</b>	<b>841,556</b>	<b>36,025,129</b>	<b>31,874,399</b>	<b>66,915,979</b>
<b>1960</b>							
Nova Scotia .....	2	1,661	6,699,758	222,326	15,015,455	9,033,524	24,240,530
Quebec .....	14						
Ontario .....	34	2,445	11,362,908	389,768	14,141,831	19,882,878	35,589,619
Manitoba .....	1	438	1,846,650	118,423	2,861,608	3,404,747	6,123,529
Saskatchewan .....	1						
Alberta .....	9	162	827,479	41,536	1,097,723	888,479	2,019,857
British Columbia .....	9						
<b>Canada .....</b>	<b>70</b>	<b>4,706</b>	<b>20,736,795</b>	<b>772,053</b>	<b>33,116,617</b>	<b>33,209,628</b>	<b>67,973,535</b>
<b>1961</b>							
Nova Scotia .....	2	1,659	6,550,257	230,582	16,668,799	8,607,911	25,191,171
Quebec .....	13						
Ontario .....	34	2,243	10,367,633	383,804	13,761,023	18,146,217	33,536,722
Manitoba .....	1	468	2,411,484	153,798	4,876,952	3,601,095	8,516,824
Saskatchewan .....	1						
Alberta .....	9	141	732,477	32,891	771,461	995,394	1,766,751
British Columbia .....	8						
<b>Canada .....</b>	<b>68</b>	<b>4,511</b>	<b>20,061,851</b>	<b>801,075</b>	<b>36,078,235</b>	<b>31,350,617</b>	<b>69,011,468</b>

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



TABLE 2. Inventories:<sup>1</sup> Boiler and Plate Works, 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Quebec and Nova Scotia .....	2,463,785	1,091,697	692,905	4,248,387
Ontario .....	2,813,455	6,353,008	686,758	9,853,221
Manitoba and Saskatchewan .....	1,591,213	367,839	536,530	2,495,582
Alberta .....				
British Columbia .....	258,436	42,467	32,414	333,317
<b>Canada .....</b>	<b>7,126,889</b>	<b>7,855,011</b>	<b>1,948,607</b>	<b>16,930,507</b>
Closing:				
Quebec and Nova Scotia .....	2,931,110	1,398,110	702,613	5,031,833
Ontario .....	2,857,953	4,948,951	845,137	8,652,041
Manitoba and Saskatchewan .....	1,345,814	314,476	704,914	2,365,204
Alberta .....				
British Columbia .....	340,344	45,800	62,076	448,220
<b>Canada .....</b>	<b>7,475,221</b>	<b>6,707,337</b>	<b>2,314,740</b>	<b>16,497,298</b>

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

(b) 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. Factory Shipments: Boiler and Plate Works, 1961

Product	Quantity	Value of factory shipments
		\$
Heating boilers:		
Cast iron sectional heating boilers .....	No. 353	348,528
Steel heating boilers .....	3,633	3,515,733
Power boilers, parts and equipment .....	—	24,554,525
Tanks (complete at factory) and cylinders:		
Pressure and vacuum tanks:		
Liquefied petroleum gas tanks .....	No. 6,030	1,816,156
Other pressure and vacuum tanks .....	—	2,870,189
Storage and processing tanks:		
Bulk storage (including above ground, etc.) .....	—	5,065,992
Basement oil storage tanks .....	No. 32,164	886,292
Other storage and processing tanks .....	—	1,612,677
Septic tanks, metal .....	No. 7,443	306,314
Other tanks .....	—	771,028
Tank bodies for trucks .....	No. 52	202,515
Fabricated products:		
Steel plate (cut, punched, etc.) .....	—	1,521,127
Structural shapes (cut, punched, etc.) .....	—	2,232,699
Miscellaneous steel plate work:		
Bins and hoppers .....	—	523,301
Smokestacks .....	—	247,313
Smoke breeching .....	—	387,520
Riveted and welded steel pipe—Stainless steel .....	ton 983	1,695,707
Other steel .....	1,776	1,215,270
Other plate work .....	—	1,844,333
Machinery and parts .....	—	3,444,581
Stokers, mechanical and parts .....	—	385,215
Amount received for custom and repair work .....	—	4,520,721
All other products .....	—	9,733,201
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above .....	—	689,469
<b>Total .....</b>	<b>—</b>	<b>69,011,468</b>

TABLE 4. Materials Used: Boiler and Plate Works, 1961

Material	Quantity	Cost at works
		\$
Castings (rough and semi-finished) received from foundry:		
Iron (gray and malleable) .....	ton 703	222,312
Steel .....	" 831	533,831
Pig iron .....	" 1,154	70,574
Steel (except alloy):		
Bars .....	" 3,987	670,042
Sheets:		
Plain .....	" 13,484	2,039,812
Galvanized .....	" 1,216	251,293
Plates .....	" 39,645	6,267,275
Structural shapes .....	" 5,896	1,349,199
Wire .....	" 7	1,882
Alloy steel:		
Stainless:		
Billets, bars and rods .....	..	556,304
Other .....	..	1,569,976
Other alloy steel .....	..	34,719
Scrap iron and steel:		
Purchased .....	ton 834	34,663
Own make .....	" 300	-
Other iron and steel .....	..	883,149
Ferro-alloys .....	..	13,398
Non-ferrous metals, including scrap:		
Aluminum:		
Castings .....	pound 29,290	23,745
Sheet .....	" 70,844	38,640
Other forms .....	" 9,031	3,404
Brass and bronze .....	" 218,466	137,334
Copper:		
Sheet .....	" 23,370	15,186
Other forms .....	" 25,349	16,118
Nickel .....	" 49,290	62,532
Lead .....	" 1,280	232
Tin .....	" 50	50
Zinc .....	" 1,444	577
Babbitt metals and solders .....	" 7,721	7,159
Other non-ferrous metals .....	..	5,993
Other materials:		
Iron and steel pipe and fittings .....	..	4,117,426
Paints, oils and varnishes .....	..	103,171
Foundry coke .....	ton 399	13,979
Foundry sands .....	" 2,037	30,265
Plumbago and graphite .....	pound 19,317	2,070
Lumber .....	M ft. b.m. 1,110	127,451
Fireclay .....	ton 33	790
Cupola blocks and firebrick .....	..	53,728
Core oil .....	Imp. gal. 995	1,422
Shipping containers .....	..	71,898
All other materials <sup>1</sup> .....	..	16,746,636
<b>Total</b> .....	..	<b>36,078,235</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 \$705,200 and this amount is included in "All other materials".

TABLE 5. Factory Shipments of Heating and Power Boilers, 1961, (from All Industries)

Type	Number of boilers	Value of factory shipments
		\$
Heating boilers:		
Cast iron sectional heating boilers:		
(a) Under 775 sq. ft. ....	4,679	1,082,573
(b) 776-1,499 sq. ft. ....	1,700	811,411
(c) 1,500 sq. ft. and over .....	1,128	1,321,386
Steel heating boilers:		
(a) Under 112 sq. ft. ....	5,767	1,737,844
(b) 112-522 sq. ft. ....	991	2,536,668
(c) 523-1,245 sq. ft. ....	636	1,471,712
(d) 1,246 sq. ft. and over .....	39	295,239
Power boilers:		
Marine type .....	102	1,221,302
Water tube package boiler units .....	144	1,575,164
Fire tube package boiler units .....	1,117	4,012,621
Fire tube boilers .....	70	526,762
Boilers, other, type not specified .....	184	18,128,937
<b>Totals .....</b>	<b>16,557</b>	<b>34,721,619</b>

TABLE 6. Principal Statistics classified according to Type of Ownership: Boiler and Plate Works, 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		
Individual ownership .....	7	45	165,244	6,988	139,896	364,627
Partnerships .....	4	92	409,169	15,966	669,658	1,208,471
Incorporated companies .....	57	4,374	19,487,438	778,121	35,268,681	67,438,370
<b>Totals .....</b>	<b>68</b>	<b>4,511</b>	<b>20,061,851</b>	<b>801,075</b>	<b>36,078,235</b>	<b>69,011,468</b>

TABLE 7. Principal Statistics grouped according to Value of Factory Shipments:  
Boiler and Plate Works, 1961

Establishments reporting a value of 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		
Under \$10,000 .....	3	8	18,565	1,096	9,724	35,495
\$ 10,000 to \$ 24,999 .....	1					
25,000 " 49,999 .....	1	84	343,519	17,295	225,353	744,658
50,000 " 99,999 .....	10					
100,000 " 199,999 .....	9	141	573,557	29,418	588,916	1,432,031
200,000 " 499,999 .....	19	546	2,495,208	114,512	3,265,129	6,525,739
500,000 " 999,999 .....	8	403	1,996,605	96,149	2,954,326	6,252,686
1,000,000 " 4,999,999 .....	15	3,151	13,619,735	542,605	29,034,787	54,020,859
5,000,000 and over .....	2					
Head offices .....	—	178	1,014,662	—	—	—
<b>Totals .....</b>	<b>68</b>	<b>4,511</b>	<b>20,061,851</b>	<b>801,075</b>	<b>36,078,235</b>	<b>69,011,468</b>



TABLE 8. Employees and their Earnings: Boiler and Plate Works, 1961

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Quebec and Nova Scotia .....	372	92	1,181	14	1,659	2,354,849	4,195,408	6,550,257
Ontario .....	545	168	1,518	12	2,243	3,800,286	6,567,347	10,367,633
Alberta, Saskatchewan and Manitoba .....	132	33	301	2	468	857,862	1,553,622	2,411,484
British Columbia.....	29	7	105	—	141	209,833	522,644	732,477
Totals .....	1,078	300	3,105	28	4,511	7,222,830	12,839,021	20,061,851

TABLE 9. Production Workers, by Months: Boiler and Plate Works, 1961

Month	Establishments reporting monthly detail <sup>1</sup>		Establishments reporting quarterly detail <sup>2</sup>	
	Male	Female	Male	Female
January .....	2,553	25		
February .....	2,599	25		
March .....	2,498	25	391	5
April .....	2,554	23		
May .....	2,581	22		
June .....	2,626	22	438	4
July .....	2,614	23		
August .....	2,622	23		
September .....	2,655	23	458	5
October .....	2,551	23		
November .....	2,505	24		
December .....	2,405	24	409	4
Average for establishments reporting monthly detail .....			2,564	23
Average for establishments reporting quarterly detail .....			424	4
Average estimated for small establishments <sup>3</sup> .....			112	—
Average for all establishments .....			3,100	27

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

<sup>2</sup> The number of production workers, by quarters, was collected only for medium size establishments.

<sup>3</sup> The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.



TABLE 10. Fuel and Electricity Used: Boiler and Plate Works, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal (a) From Canadian mines ..... ton	693	10,542
(b) Imported ..... "	7,502	85,270
Coke ..... "	17	478
Gasoline (including gasoline used in cars and trucks) ..... Imp. gal.	374,441	145,908
Fuel oil including kerosene or coal oil ..... "	991,953	133,421
Gas (a) Liquefied petroleum gases ..... Imp. gal.	53,080	14,670
(b) Natural gas ..... M cu. ft.	77,770	34,801
Other fuel ..... "	...	2,685
Electricity purchased ..... kwh.	16,704,988	230,361
2. Establishments reporting group detail: <sup>2</sup>		
Cost of fuel .....	...	54,466
Cost of electricity .....	...	50,316
3. Estimate for establishments for which no data were collected: <sup>3</sup>		
Cost of fuel and electricity .....	...	37,707
4. All establishments:		
Total cost of fuel and electricity .....	...	801,075

<sup>1</sup> Large establishments.<sup>2</sup> Medium size establishments.<sup>3</sup> Small establishments.





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