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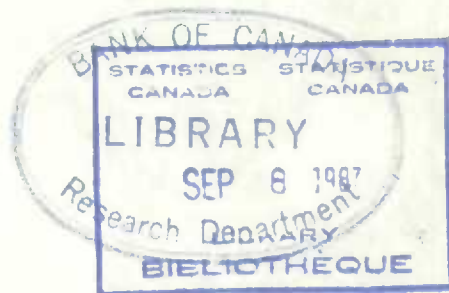
# COMMERCIAL REFRIGERATION AND AIR CONDITIONING EQUIPMENT MANUFACTURERS

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.

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<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.



# COMMERCIAL REFRIGERATION AND AIR CONDITIONING EQUIPMENT MANUFACTURERS

1961

Data presented in this report under the heading of Commercial Refrigeration and Air Conditioning Equipment Manufacturers reflect the implementation of the revised Standard Industrial Classification (SIC) 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 Commercial Refrigeration and Air Conditioning Equipment Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing electric and non-electric commercial refrigerating equipment such as display cases, counters and frozen food storage cabinets; and refrigeration units for installation in custom or built-in refrigeration facilities. The industry also includes establishments primarily engaged in manufacturing self-contained air conditioning units (except window type) and air conditioning equipment for installation in custom and built-in air conditioning systems.

The introduction of the new definition of establishment (reporting units) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In the case of the industry under review the effects were minimal and limited to relatively insignificant changes in the “Value added” figures.

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, Commercial Refrigeration and Air Conditioning  
Equipment Manufacturers, by Provinces, 1957 - 61**

Basis: Revised Standard Industrial Classification and New Establishment Concept

	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 <sup>1</sup>	Value of factory shipments
	number				dollars		
<b>1957</b>							
New Brunswick.....	1	} 210	726,068	28,232	1,058,680	..	2,097,902
Quebec.....	9						
Ontario.....	15	1,074	4,119,497	151,235	5,855,803	..	13,784,726
Manitoba.....	2	} 154	529,368	18,399	644,058	..	1,745,771
British Columbia.....	2						
<b>Canada.....</b>	<b>29</b>	<b>1,438</b>	<b>5,374,933</b>	<b>197,866</b>	<b>7,558,541</b>	<b>..</b>	<b>17,628,399</b>
<b>1958</b>							
New Brunswick.....	1	} 188	702,660	32,849	748,002	786,388	1,609,920
Quebec.....	7						
Ontario.....	16	1,079	4,425,967	178,678	6,115,325	7,924,425	14,523,150
Manitoba.....	3	} 123	491,897	16,574	847,698	755,811	1,680,598
British Columbia.....	2						
<b>Canada.....</b>	<b>29</b>	<b>1,390</b>	<b>5,620,524</b>	<b>228,101</b>	<b>7,711,025</b>	<b>9,466,624</b>	<b>17,813,668</b>
<b>1959</b>							
New Brunswick.....	1	} 143	562,814	29,192	831,186	905,035	1,717,861
Quebec.....	7						
Ontario.....	17	1,142	4,826,580	190,044	7,241,793	9,909,556	16,838,346
Manitoba.....	3	} 180	790,306	27,249	1,086,808	1,122,779	2,272,337
British Columbia.....	2						
<b>Canada.....</b>	<b>30</b>	<b>1,465</b>	<b>6,179,700</b>	<b>246,485</b>	<b>9,159,787</b>	<b>11,937,370</b>	<b>20,828,544</b>
<b>1960</b>							
New Brunswick.....	1	} 176	690,958	47,530	1,062,132	1,226,619	2,188,812
Quebec.....	7						
Ontario.....	20	1,286	5,487,710	232,829	7,863,447	10,848,813	18,537,730
Manitoba.....	3	} 139	567,627	22,321	798,291	983,929	1,906,702
British Columbia.....	2						
<b>Canada.....</b>	<b>33</b>	<b>1,601</b>	<b>6,746,295</b>	<b>302,680</b>	<b>9,723,870</b>	<b>13,059,361</b>	<b>22,633,244</b>
<b>1961</b>							
New Brunswick.....	1	} 189	821,062	36,039	794,345	1,045,714	2,096,120
Quebec.....	7						
Ontario.....	20	1,240	5,430,152	221,873	8,801,881	10,884,891	19,728,234
Manitoba.....	3	} 125	478,621	21,759	542,253	777,265	1,357,532
Alberta.....	1						
British Columbia.....	2						
<b>Canada.....</b>	<b>34</b>	<b>1,554</b>	<b>6,729,835</b>	<b>279,671</b>	<b>10,138,479</b>	<b>12,707,870</b>	<b>23,181,886</b>

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



TABLE 2. Inventories:<sup>1</sup> Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Quebec and New Brunswick .....	309,467	190,755	294,175	794,397
Ontario .....	2,152,672	1,212,702	1,353,016	4,718,390
Manitoba, Alberta and British Columbia .....	213,559	49,720	176,248	439,527
Canada .....	2,675,698	1,453,177	1,823,439	5,952,314
Closing:				
Quebec and New Brunswick .....	221,520	137,550	127,358	486,428
Ontario .....	2,161,738	1,336,105	1,410,024	4,907,867
Manitoba, Alberta and British Columbia .....	187,959	84,231	125,482	397,672
Canada .....	2,571,217	1,557,886	1,662,864	5,791,967

<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 during 1961, changes in classification, and the implementation of the New Establishment Concept.

TABLE 3. Factory Shipments: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1960 and 1961

Product	Value of factory shipments \$
1960	
Air conditioners .....	1,764,144
Refrigeration equipment:	
Commercial refrigeration .....	8,247,483
Condensing equipment .....	1,773,457
Refrigeration and air conditioning equipment, other, and parts .....	7,288,368
All other products .....	3,303,976
Amount received in payment for work done on materials owned by others .....	255,816
Total .....	22,633,244
1961	
Air conditioners .....	2,256,762
Refrigeration equipment:	
Commercial refrigeration .....	10,642,293
Condensing equipment .....	2,016,110
Refrigeration and air conditioning equipment, other, and parts .....	5,148,966
All other products .....	2,909,403
Amount received in payment for work done on materials owned by others .....	253,892
Less adjustments for value of sales taxes, excise duties, and outward transportation charges which were not deducted from individual commodity items detailed above .....	45,540
Total .....	23,181,886

**TABLE 4. Materials Used: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1960 and 1961**

Material		1960		1961	
		Quantity	Cost at plant	Quantity	Cost at plant
			\$		\$
Steel (except alloy and tool steel):					
Bars .....	ton	98	18,049	88	16,843
Plates (3/16 in. and thicker) .....	"	61	11,904	60	11,460
Sheets (under 3/16 in.) — Plain .....	"	4,331	681,198	4,646	759,279
Galvanized .....	"	1,551	290,483	1,482	288,336
Strip .....	"	864	167,910	944	153,606
Structural shapes, unfabricated (channels, angles, etc.) .....	"	84	14,659	383	63,357
Wire .....	"	45	9,556	53	11,197
Alloy and tool steel in all forms:					
Alloy steel (other than stainless and tool steel) .....	..		7,853	—	—
Stainless — Billets, bars and rods .....	..		11,490	..	80,064
Sheet .....	..		264,992	..	216,498
Other .....	..		6,551	—	—
Tool steel (all types including high speed) .....	..		1,967	..	6,952
Pipe and fittings, iron and steel .....	..		71,404	..	258,240
Other iron and steel .....	..		511,235	..	706,676
Non-ferrous metals in all forms:					
Aluminum — Castings .....	lb.	6,311	5,491	1,602	1,792
Pipe and tubing .....	"	109,000	59,924	155,023	77,463
Sheet .....	"	926,229	391,910	236,119	100,421
Other forms .....	"	953,385	465,332	843,750	350,943
Brass and Bronze .....	"	300	149	10,500	7,797
Copper — Pipe and tubing .....	"	1,447,443	965,289	1,428,729	1,052,839
Sheet .....	"	46,010	24,455	11,763	9,248
Wire .....	"	300	176	8,604	6,023
Other forms .....	"	105,391	30,673	164,931	62,441
Lead .....	"	6,332	1,452	2,000	420
Zinc .....	"	4,556	1,830	2,300	1,052
Babbitt metal and solders .....	"	40	28	150	98
Other materials and supplies:					
Paints and varnishes .....	..		130,147	..	265,309
Plywood .....	M sq. ft.	208	34,893	309	46,398
Lumber .....	M bd. ft.	1,500	174,216	2,898	293,841
Electric motors — Less than 1 h.p. ....	No.	18,166	162,194	20,455	199,790
1 h.p. and over .....	"	754	73,953	1,631	151,483
All other materials <sup>1</sup> .....	—		4,910,450	—	4,720,506
Containers and other packaging materials or supplies ..	—		222,057	—	218,107
Totals .....	—		9,723,870	—	10,138,479

<sup>1</sup> No detailed information on materials used was collected from small establishments. The estimated value of materials used by these establishments was \$1,309,651 in 1960 and \$881,523 in 1961. These amounts are included in "All other materials".

**TABLE 5. Factory Shipments of Commercial Refrigeration and Air Conditioning Equipment, (from All Industries) 1960 and 1961**

Item	1960		1961	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
	number	\$	number	\$
Room air conditioners—Window sill type .....	7, 102	985, 300	14, 621	2, 579, 193
Room air conditioners, self-contained, except window sill type .....	1, 179	1, 403, 706	1, 763	1, 543, 781
Other air conditioning units (includes units for location below windows, all other not self-contained, and packaged air conditioners excluding household) .....	13, 272	1, 732, 123	18, 606	2, 515, 501
Ice cream cabinets, non-display .....	918	328, 284	977	338, 339
Frozen food cabinets, commercial .....	2, 450	1, 830, 425	2, 479	1, 791, 957
Display cases, refrigerated, other .....	3, 249	2, 718, 587	3, 375	2, 779, 203
Commercial refrigerators, including reach-in and walk-in types, self-contained and remote .....	1, 613	1, 923, 130	2, 014	2, 161, 378
Heat transfer coils .....	...	1, 430, 713	...	1, 286, 851
Unit coolers, floor and wall mounted .....	...	991, 608	...	1, 397, 466
Compressor units .....	1, 824	819, 887	2, 377	882, 158
Condensing units, reciprocating (refrigeration) .....	958	562, 282	2, 223	695, 652
Evaporative condensers, all types (refrigeration) .....	...	1, 124, 432	...	1, 051, 903
Condensers, air or water cooled .....	2, 311	1, 106, 733	2, 324	1, 450, 892
Refrigeration and air conditioning equipment, other, and parts .....	...	11, 612, 267	...	11, 925, 232
<b>Totals .....</b>		<b>28, 569, 477</b>		<b>32, 399, 506</b>

Note: For details on household refrigerators and freezers see bulletin Manufacturers of Major Appliances, Catalogue No. 43-204.

**TABLE 6. Principal Statistics classified according to Type of Ownership: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1960 and 1961**

Type	Estab-lish-ments	Employees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number		dollars		
<b>1960</b>					
Individual ownership .....	3	124	561, 599	471, 900	1, 297, 014
Partnerships .....	2				
Incorporated companies .....	28	1, 477	6, 184, 696	9, 251, 970	21, 336, 230
<b>Totals .....</b>	<b>33</b>	<b>1, 601</b>	<b>6, 746, 295</b>	<b>9, 723, 870</b>	<b>22, 633, 244</b>
<b>1961</b>					
Individual ownership .....	2	53	242, 108	252, 047	613, 675
Partnerships .....	2				
Incorporated companies .....	30	1, 501	6, 487, 727	9, 886, 432	22, 568, 211
<b>Totals .....</b>	<b>34</b>	<b>1, 554</b>	<b>6, 729, 835</b>	<b>10, 138, 479</b>	<b>23, 181, 886</b>



**TABLE 7. Principal Statistics grouped according to Selling Value of Factory Shipments: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1960 and 1961**

Establishments reporting factory shipments	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number		dollars		
1960					
\$ 25,000 to \$ 49,999 .....	4	33	101,701	104,396	226,102
50,000 " 99,999 .....	1				
100,000 " 199,999 .....	6	69	250,496	492,616	917,537
200,000 " 499,999 .....	9	239	951,834	1,332,563	2,657,956
500,000 " 999,999 .....	8	440	1,953,978	2,500,741	5,858,227
1,000,000 " 4,999,999 .....	5	820	3,488,286	5,293,554	12,973,422
Totals .....	33	1,601	6,746,295	9,723,870	22,633,244
1961					
Under \$10,000 .....	1	18	64,255	71,823	160,013
\$ 25,000 to \$ 49,999 .....	2				
50,000 " 99,999 .....	1	111	404,094	496,706	1,126,513
100,000 " 199,999 .....	8				
200,000 " 499,999 .....	8	220	1,065,383	1,208,779	2,214,697
500,000 " 999,999 .....	7	299	1,301,239	2,555,956	4,556,344
1,000,000 " 4,999,999 .....	7	906	3,894,864	5,805,215	15,124,319
Totals .....	34	1,554	6,729,835	10,138,479	23,181,886

**TABLE 8. Employees and their Earnings: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1960 and 1961**

Province	Number of employees				Total	Earnings		
	Supervisory and office		Production workers			Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1960								
Quebec .....	36	11	108	2	157	252,575	390,351	642,926
Ontario .....	276	95	899	16	1,286	1,981,800	3,505,910	5,487,710
Other provinces .....	20	5	133	—	158	112,433	503,226	615,659
Totals .....	332	111	1,140	18	1,601	2,346,808	4,399,487	6,746,295
1961								
Quebec .....	38	10	118	1	167	284,072	481,104	765,176
Ontario .....	260	84	883	13	1,240	1,832,906	3,597,246	5,430,152
Other provinces .....	23	7	116	1	147	118,936	415,571	534,507
Totals .....	321	101	1,117	15	1,554	2,235,914	4,493,921	6,729,835

**TABLE 9. Production Workers, by Months: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1961**

Month	Establishments reporting monthly detail <sup>1</sup>	
	Male	Female
	number	
January .....	879	14
February .....	846	13
March .....	883	16
April .....	854	16
May .....	883	12
June .....	899	13
July .....	947	13
August .....	931	13
September .....	1,008	16
October .....	938	13
November .....	953	12
December .....	881	12
Average for establishments reporting monthly detail <sup>1</sup> .....	910	14
Average estimated for small establishments <sup>2</sup> .....	207	1
Average for all establishments .....	1,117	15

<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 10. Fuel and Electricity Used: Commercial Refrigeration and Air Conditioning Equipment Manufacturers, 1961**

Kind	Quantity	Cost at works
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal—Imported .....	ton 266	3,995
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 52,082	18,047
Fuel oil including kerosene and coal oil .....	" 619,832	69,861
Gas:		
(a) Liquefied petroleum gases .....	" 28,711	7,465
(b) Natural gas .....	M cu. ft. 25,019	24,679
Electricity purchased .....	kwh. 7,247,718	110,274
2. Estimate for establishments for which no data were collected: <sup>2</sup>		
Cost of fuel and electricity .....	...	45,350
3. All establishments:		
Total cost of fuel and electricity .....	...	279,671

<sup>1</sup> Large establishments.

<sup>2</sup> Small establishments.

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