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43-210

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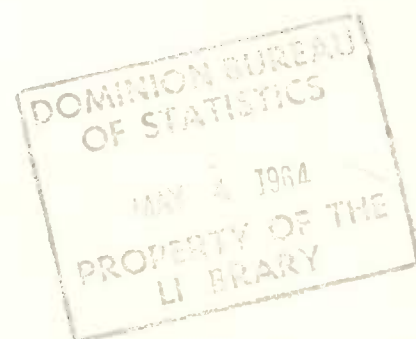
MANUFACTURERS OF MISCELLANEOUS ELECTRICAL PRODUCTS

1961

ANNUAL CENSUS OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division



April 1964
6521-839

Price: 50 cents

SYMBOLS

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

- ... 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.¹

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.

¹ 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.

MANUFACTURERS OF MISCELLANEOUS ELECTRICAL PRODUCTS

1961

Data for 1961 presented in this report 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 Manufacturers of Miscellaneous Electrical Products in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing electrical products not elsewhere classified, such as electric signalling apparatus; electric lighting fixtures; electric light bulbs and tubes of all kinds such as incandescent filament lamps; vapor and fluorescent lamps, photo-flash and photo-flood lamps; wiring devices; panel boards (distribution, lighting and residential types); low voltage switchboards; carbon or graphite electrodes; conduit and fittings.

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 such changes were of a relatively minor nature.

As a result of increased work loads and staff shortages it has been necessary to suspend 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: Manufacturers of Miscellaneous Electrical Products,
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		
1957							
Quebec	28	2,578	7,126,476	504,551	15,981,180		32,355,843
Ontario	69	5,909	21,666,185	807,381	35,291,330		76,165,204
Manitoba	8	301	819,350	55,328	1,979,249	¹	3,420,394
British Columbia	10	111	352,386	14,702	825,225		1,341,128
Canada	115	8,899	29,964,397	1,381,962	54,076,984		113,282,569
1958							
Quebec	30	2,570	7,455,509	522,729	15,387,881	17,601,685	33,995,401
Ontario	71	5,546	20,433,276	856,133	33,130,853	38,429,251	72,568,971
Manitoba	8	224	707,673	36,183	1,584,059	1,191,478	2,856,136
British Columbia	9	76	293,247	13,046	646,463	583,472	1,265,904
Canada	118	8,416	28,889,705	1,428,091	50,749,256	57,805,886	110,686,412
1959							
Quebec	30	2,768	8,221,674	534,144	18,592,945	23,927,820	40,440,966
Ontario	71	5,932	23,481,115	871,031	36,577,254	44,997,291	82,123,288
Manitoba	8	242	745,638	33,993	1,789,012	1,108,523	3,022,864
British Columbia	8	100	399,750	16,629	1,058,158	634,562	1,698,732
Canada	117	9,042	32,848,177	1,455,797	58,017,369	70,668,196	127,285,850
1960							
Quebec	33	2,870	9,181,897	496,396	21,185,539	21,779,583	43,834,730
Ontario	76	5,699	23,434,240	872,382	37,696,126	46,664,472	83,896,597
Manitoba	7	234	761,068	31,163	1,716,336	1,252,350	3,025,597
Alberta	2						
British Columbia	7	93	394,521	16,264	872,763	586,969	1,466,219
Canada	125	8,896	33,771,726	1,416,205	61,470,764	70,283,374	132,223,143
1961							
Quebec	36	2,859	9,373,951	502,927	22,473,073	24,882,407	48,481,707
Ontario	80	5,886	23,875,650	869,597	42,649,004	46,621,147	89,872,389
Manitoba	8	279	893,877	41,445	1,945,461	1,420,365	3,423,024
Alberta	2						
British Columbia	7	94	394,220	15,387	978,278	580,162	1,511,735
Canada	133	9,118	34,537,698	1,429,356	68,045,816	73,504,081	143,288,855

¹ Because of lack of inventory data "Value added" is not available for 1957.

TABLE 2. Inventories:¹ Manufacturers of Miscellaneous Electrical Products, 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	4,025,128	750,746	6,248,899	11,024,773
Ontario	6,303,645	4,081,378	6,746,709	17,131,732
Manitoba and Alberta	543,344	154,302	182,617	880,263
British Columbia	80,754	48,775	41,721	171,250
Canada	10,952,871	5,035,201	13,219,946	29,208,018
Closing:				
Quebec	4,139,055	1,059,019	5,317,326	10,515,400
Ontario	68,647,793	4,387,102	6,708,344	17,960,239
Manitoba and Alberta	526,709	163,982	157,184	847,875
British Columbia	139,753	83,691	68,897	292,341
Canada	11,670,310	5,693,794	12,251,751	29,615,855

¹ (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: Manufacturers of Miscellaneous Electrical Products, 1961

Product	Value of factory shipments
	\$
Carbon brushes for generators and motors	652,366
Conduit and accessories — See Table 5	14,026,185
Cut-outs and fuses	1,534,895
Industrial control equipment	1,567,283
Lamps (light sources — bulbs and tubes) See Table 6, 7 and 8	35,118,138
Lighting equipment — See Table 9	43,877,543
Switchgear and protective equipment	15,383,197
Wiring devices — See Table 10	14,446,469
All other products	17,363,439
Amount received for repair work	1,460
Amount received in payment for work done on materials owned by others	464,205
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above	1,146,325
Total value of shipments and work done	143,288,855

Note: Data given in the above table are for the industry "Manufacturers of Miscellaneous Electrical Products" which includes only the firms making these items as chief products. For total figures on factory shipments of certain specified commodities see Tables 5 to 10.

TABLE 4. Materials Used: Manufacturers of Miscellaneous Electrical Products, 1961

Material	Quantity	Total cost at plant
		\$
Aluminum:		
Castings..... lb.	1, 598, 161	1, 004, 935
Wire rods..... "	108, 598	62, 395
Sheets and strip	767, 142	492, 652
Other .....	...	706, 692
Brass and bronze:		
Castings..... lb.	407, 331	159, 085
Wire rods..... "	235, 923	85, 350
Sheets and strip	652, 208	315, 106
Other .....	...	763, 573
Copper:		
Wire rods..... lb.	300, 907	156, 547
Sheets and strip	616, 122	345, 128
Tubing and pipe..... "	131, 237	87, 019
Wire, enamelled	395, 400	237, 637
Wire, other insulated.....	...	1, 901, 938
Other .....	...	1, 066, 717
Glass tubing and cane .....	...	706, 955
Insulating varnishes, japans, enamels and lacquers .....	...	47, 829
Insulators, porcelain and glass, 600 volts and over .....	...	107, 176
Iron and steel (except alloy):		
Castings (rough and semi-finished received from foundry):		
Iron, gray and malleable..... ton	841	380, 235
Steel	2, 488	676, 674
Pig iron..... "	795	71, 900
Steel bars and rods	6, 631	1, 507, 417
Steel sheets and strip:		
Plain..... "	18, 552	3, 630, 825
Galvanized	4, 842	996, 883
Steel wire	147	52, 698
Other (except alloy) .....	...	2, 110, 698
Alloy steel, in all forms:		
Stainless..... ton	...	33, 286
Silicon sheets and strips	514	246, 506
Other alloy, including tool steel, all Forms .....	...	1, 161, 877
Lead	56, 209	26, 741
Paints, stains, lacquers, etc. (for finishing only) .....	...	1, 257, 356
Resins, synthetic (Moulding powders, sheets, etc.):		
Vinyl type (PVC, etc.) .....	...	168, 278
Polyethylene type (polythene, etc.) .....	...	130, 100
Other (bakelite, etc.) .....	...	1, 582, 377
Containers and other packaging materials or supplies .....	...	2, 807, 444
Operating supplies .....	...	1, 971, 221
All other materials ¹ .....	...	40, 986, 566
Total .....	...	68, 045, 816

¹ No detailed information on materials used was collected from small establishments. The estimated value of materials used by these firms was \$3,234,700 and this amount is included in "All other materials".

**TABLE 5. Factory Shipments of conduit and Accessories for Electrical Wiring, 1960 and 1961
(from All industries)**

Item	1960		1961	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Rigid conduit:				
Steel and non-ferrous	lb. 46,142,405	8,597,383	45,204,249	8,189,679
Electrical metallic tubing, steel and non-ferrous	" 11,957,214	2,430,918	13,666,989	2,668,313
Bends, couplings, elbows, etc. ....	...	263,161	...	244,083
Outlets and switch boxes .....	...	2,985,191	...	2,541,021
Conduit fittings .....	...	1,896,334	...	2,007,258
Accessories for rigid conduit etc. ....	...	1,531,169	...	1,880,148

TABLE 6. Factory Shipments of Incandescent Electric Lamps (Bulbs), 1952 - 61 (from All industries)

Year	Standard type						Miniature ¹	
	150 watts and below		Above 150 watts		Totals		Number	Value of factory shipments
	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments		
	000's	\$	000's	\$	000's	\$	000's	\$
1952					65,979	10,963,303	21,658	1,967,531
1953					77,422	12,217,077	30,885	2,668,048
1954					76,194	12,088,636	31,422	2,591,966
1955					81,599	12,380,118	41,762	3,833,266
1956	2	2	2	2	77,555	11,806,686	43,055	4,178,441
1957					84,293	13,065,758	38,997	4,815,420
1958					79,925	12,618,350	36,668	5,407,674
1959					84,980	14,656,305	40,875	5,449,064
1960	78,182	13,247,027	6,636	2,644,620	84,818	15,891,647	36,978	5,769,268
1961	78,597	12,582,001	7,153	3,011,131	85,750	15,593,132	47,415	6,716,460

¹ All types, including Christmas tree, flashlight, automobile, etc.² Not available separately — included in totals.**TABLE 7. Factory Shipments of Fluorescent Electric Lamps (Bulbs), 1952 - 61 (from All industries)**

Year	Standard		Slimline		Totals	
	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$		\$
1952					4,098,522	2,817,174
1953					4,882,012	3,598,998
1954					4,203,105	3,109,279
1955					5,005,823	3,561,358
1956	1	1	1	1	5,799,172	4,377,750
1957					6,909,317	5,567,803
1958					7,098,152	5,684,156
1959					7,482,566	6,686,809
1960	7,436,271	5,791,752	1,758,431	3,083,570	8,194,702	8,875,322
1961	8,420,913	6,019,358	1,698,029	3,388,218	10,118,942	9,407,576

¹ Not available separately — included in totals.

TABLE 8. Factory Shipments of Photographic Lamps (Bulbs), 1952 - 61 (from All Industries)

Year	Photo flash		Other ¹		Totals	
	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$		\$
1952					9,228,384	1,067,828
1953					15,071,759	1,559,285
1954					20,057,249	1,914,080
1955					25,770,117	2,428,869
1956	²	²	²	²	30,939,849	2,581,471
1957					42,796,802	3,360,521
1958					41,256,847	3,300,231
1959					46,135,142	3,627,093
1960	44,507,216	2,945,271	423,103	489,464	44,930,319	3,434,735
1961	35,070,457	2,053,114	329,185	443,614	35,399,642	2,496,728

¹ Including projection, etc.² Not available separately - included in totals.

TABLE 9. Factory Shipments of Electric Lighting Fixtures, 1961 (from All Industries)

Type	Value of factory shipments
	\$
Residential:	
Incandescent	7,698,000
Fluorescent	1,073,000
Commercial and industrial:	
Incandescent	3,436,000
Fluorescent	23,059,000
Floodlights - heavy duty:	
Heavy duty incandescent	429,000
Light duty incandescent	1,530,000
Open type	97,000
Par lamp holders	256,000
Street lighting:	
Incandescent	974,000
Fluorescent	1,305,000
Mercury	2,640,000
Street light brackets	755,000
Street light standards	951,000
Street light control equipment	347,000
Other lighting equipment ¹	2,261,000
Total	46,811,000

¹ Does not include floor lamps or table lamps.

TABLE 10. Factory Shipments of Wiring Devices, 1960 and 1961 (from All Industries)

Type	1960	1961
	Value of factory shipments	Value of factory shipments
	\$	\$
Incandescent sockets (lamp holders)—Metal shell	417,469	493,675
Porcelain, plastic, rubber and others	981,830	874,583
Incandescent lamp holders, outlet box type, plastic or porcelain	¹	¹
Fluorescent sockets (lampholders) all types	573,444	736,408
Switches—Surface and flush types (except switches enclosed safety type)	1,603,884	1,492,831
Appliance	1,305,662	1,612,697
Canopy, pendant and all others	113,627	398,871
Receptacles (convenience outlets)—Non-grounded type	1,037,197	966,685
Grounded type	530,605	551,447
Wall plates (all types including switch and convenience outlet type)	407,374	407,838
Attachment plugs, caps, taps, and connectors—Non-grounded type	1,293,872	1,227,419
Grounded type	164,014	299,033
Cord sets (all types) except appliance hardware and automotive harnesses	1,904,573	2,038,604
Fluorescent lamp starters	¹	¹
Other wiring devices	1,669,789	3,672,517
Totals	12,003,340	14,772,608

¹ Included in "Other wiring devices".TABLE 11. Principal Statistics classified according to Type of Ownership:
Manufacturers of Miscellaneous Electrical Products, 1961

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number		dollars		
Individual ownership	10	27	70,022	204,202	363,826
Partnership	4	68	278,394	462,275	937,514
Incorporated companies	119	9,023	34,189,282	67,379,339	141,987,515
Totals	133	9,118	34,537,698	68,045,816	143,288,855

TABLE 12. Principal Statistics grouped according to Selling Value of Factory Shipment:
Manufacturers of Miscellaneous Electrical Products, 1961

Establishments reporting value of factory shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number		dollars		
Under \$10,000	5	6	13,509	12,600	33,029
\$ 10,000 to \$ 24,999	8	15	41,458	79,518	158,894
25,000 " 49,999	10	37	113,322	220,742	374,877
50,000 " 99,999	12	91	317,940	415,033	926,935
100,000 " 199,999	20	270	892,280	1,283,384	2,896,808
200,000 " 499,999	26	818	2,426,162	4,152,271	8,471,070
500,000 " 999,999	15	736	2,674,320	6,109,897	11,286,456
1,000,000 " 4,999,999	31	4,737	18,512,250	39,426,906	73,990,763
5,000,000 and over	6	2,400	9,465,457	16,345,465	45,150,023
Head office	—	8	81,000	—	—
Totals	133	9,118	34,537,698	68,045,816	143,288,855

TABLE 13. Employees and their Earnings: Manufacturers of Miscellaneous Electrical Products, 1961

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Quebec	331	158	1,237	1,133	2,859	2,610,941	6,763,010	9,373,951
Ontario	1,140	476	2,453	1,817	5,886	8,723,393	15,152,257	23,875,650
Manitoba	51	13	151	64	279	328,745	565,132	893,877
Alberta								
British Columbia	15	6	52	21	94	138,079	256,141	394,220
Canada	1,537	653	3,893	3,035	9,118	11,801,158	22,736,540	34,537,698

TABLE 14. Production Workers, by Months: Manufacturers of Miscellaneous Electrical Products, 1961

Month	Establishments reporting monthly detail ¹	
	Male	Female
January	3,540	2,563
February	3,493	2,565
March	3,557	2,567
April	3,525	2,621
May	3,533	2,673
June	3,576	2,732
July	3,670	2,767
August	3,752	2,922
September	3,800	3,025
October	3,780	3,096
November	3,679	3,086
December	3,596	2,920
Average for establishments reporting monthly detail	3,633	2,798
Average estimated for small establishments ²	260	237
Average for all establishments	3,893	3,035

¹ The number of production workers, by months, was collected only for large establishments.² The monthly detail of production workers was not collected for small establishments. Only annual averages were collected from these establishments.

TABLE 15. Fuel and Electricity used: Manufacturers of Miscellaneous Electrical Products, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines ton	1,094	17,544
(b) Imported "	4,928	59,682
Gasoline (including gasoline used in cars and trucks) Imp. gal.	245,612	96,058
Fuel oil including kerosene or coal oil "	2,569,072	297,776
Gas (a) Liquefied petroleum gases..... "	511,205	76,877
(b) Other manufactured gas M cu. ft.	5,205	6,105
(c) Natural gas..... "	123,167	101,006
Other fuel .....	...	85,598
Electricity purchased kwh.	53,949,795	613,652
Steam purchased .....	...	9,192
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	65,866
3. All establishments:		
Total cost of fuel and electricity	1,429,356

¹ Large establishments.² Small establishments.

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