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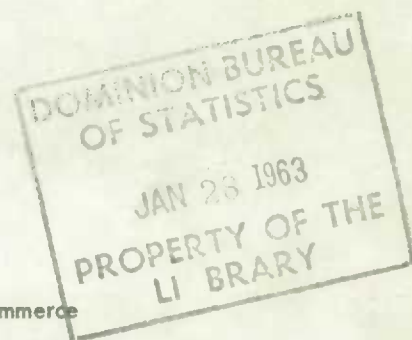


MANUFACTURERS OF SMALL ELECTRICAL APPLIANCES 1960

First issue—Statistics for this industry formerly
published in 43-201 "The Electrical Apparatus
and Supplies Industry."

ANNUAL CENSUS
OF MANUFACTURES

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The Honourable George Hees, Minister of Trade and Commerce



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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 1960 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. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

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 1960 are as follows:

Period Covered

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

Establishment

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

Employees

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

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, ware-

housing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc. are not included.

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

Salaries and Wages

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

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

Cost of Fuel and Electricity

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

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants 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 refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers

and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

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

Inventories

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

Value added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The revised Standard Industrial Classification which has been 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. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. 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.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

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 office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most 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 intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

MANUFACTURERS OF SMALL ELECTRICAL APPLIANCES

1960

Data for 1960 presented in this report reflect implementation of the revised Standard Industrial Classification (SIC) which is being used by the Dominion Bureau of Statistics in its compilation of 1960 industry statistics—see item "Standard Industrial Classification" in the Explanatory Notes section of this report. The present report constitutes the first in this series for Manufacturers of Small Electrical Appliances. For statistical purposes the industry titled Manufacturers of Small Appliances in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing small electrical appliances such as vacuum cleaners, fans, toasters, irons and water heaters. Establishments primarily engaged in manufacturing household refrigerators and farm and home freezers; domestic cooking and heating stoves; domestic laundry equipment and sewing machines are classified in the Manufacturers of Major Appliances (electric and non-electric) industry.

In many instances adoption of the new Standard Industrial Classification effected a radical shifting of manufacturing establishments as between industry groupings and the formation of new industries as in the case of Manufacturers of Small Electrical Appliances. Where this has happened an attempt has been made to re-compile 1957, 1958 and 1959 data on the revised Standard Industrial Classification basis. Figures for this industry are shown in Table 1.

There were 66 establishments classified as Manufacturers of Small Electrical Appliances in 1960 there being 9 in Quebec, 49 in Ontario, 4 in Manitoba, and 4 in British Columbia. Employees in this industry numbered 3,784; salaries and wages totalled \$15,048,761; Materials used in manufacturing processes cost \$26,047,228; and factory shipments were valued at \$61,620,000.

The establishments in this industry make small electrical appliances as their main products, but some also manufacture other lines such as washing machines, stoves, industrial ovens and cooking utensils as a secondary part of their business. On the other hand, some companies which have been classified to other industrial classes make some small electrical appliances as minor products. Tables 1 to 4 and 10 to 16 of this report refer only to Manufacturers of Small Electrical Appliances which includes the firms reporting these lines as their main products. Small quantities of these commodities were also made by companies which have been classified to other industrial groups. Tables 5 to 9 represent total factory shipments of small electrical appliances from all industries.

TABLE 1. Principal Statistics: Manufacturers of Small Electrical Appliances, by Provinces, 1957-60

Basis: Standard Industrial Classification revised 1960

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	9	542	1,837,130	54,053	2,282,074		5,818,145
Ontario	49	3,284	11,659,614	396,787	25,003,499		51,555,842
Manitoba	4	17	38,020	1,765	47,200		107,509
Alberta	2						
British Columbia	3	76	328,080	12,349	713,463		1,198,615
Canada	67	3,919	13,862,844	464,964	28,046,236		58,680,111
1958							
Quebec	8	572	2,148,800	53,024	1,958,497		7,101,710
Ontario	45	3,173	11,781,619	415,545	21,909,265		51,480,612
Manitoba	4	107	462,332	25,990	1,088,340	1	2,013,628
British Columbia	2						
Canada	59	3,852	14,392,751	494,559	24,956,102		60,595,950
1959							
Quebec	9	607	2,329,763	57,523	1,849,713		7,232,164
Ontario	48	3,546	13,209,903	457,615	27,408,485		55,795,173
Manitoba	4	16	39,444	1,155	46,418		95,839
Alberta	2						
British Columbia	3	115	518,946	38,407	1,292,126		2,639,868
Canada	66	4,284	16,098,056	554,700	30,596,742		65,763,044
1960							
Quebec	9	658	2,367,047	65,203	2,092,862	5,570,250	7,792,780
Ontario	49	3,017	12,187,462	433,221	22,885,192	27,658,648	51,641,492
Manitoba	4	7	21,473	1,000	29,628	28,668	60,277
British Columbia	4	102	472,779	50,322	1,039,546	957,174	2,125,451
Canada	66	3,784	15,048,761	549,746	26,047,228	34,214,740	61,620,000

¹ The changeover to the new classification has delayed the compilation of "value added" figures for these years and some will not be available until the next issue of this report.

TABLE 2. Inventories:¹ Manufacturers of Small Electrical Appliances, 1960

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	1,303,486	279,566	386,771	1,969,823
Ontario	5,862,458	3,381,367	5,214,251	14,458,076
Manitoba	20,342	—	5,981	26,323
British Columbia	336,859	115,777	194,650	647,286
Canada	7,523,145	3,776,710	5,801,653	17,101,508
Closing:				
Quebec	1,250,469	196,888	404,984	1,852,341
Ontario	5,433,236	2,918,316	5,012,871	13,364,423
Manitoba	19,000	500	4,500	24,000
British Columbia	249,720	91,820	140,198	481,738
Canada	6,952,425	3,207,524	5,562,553	15,722,502

¹ Book value of all manufacturing inventories owned and held at plant and plant warehouses.

TABLE 3. Factory Shipments: Manufacturers of Small Electrical Appliances, 1960

Product	Quantity	Value of factory shipments
	No.	\$
Air space heaters, electric:		
Fan forced type, portable	46,896	636,887
Other type	56,363	1,018,259
Coffee makers, electric:		
Domestic, automatic	115,476	1,462,027
Domestic, non-automatic	1,691	5,093
Curling irons, electric	4,047	7,486
Fans, electric (except industrial type):		
Wall bracket, table, counter and desk	47,868	379,814
Exhaust and ventilating	2,024	68,525
Other fans (except industrial)	2,887	170,020
Flat irons, electric:		
Domestic, steam	279,859	2,872,175
Dry, automatic	60,940	392,689
Dry, non-automatic	7,092	16,099
Travel irons	22,364	168,440
Floor polishers, electric (household type)	199,421	5,369,643
Frying pans, electric, domestic	234,044	2,441,618
Heating pads (including footwarmers)	145,761	475,587
Kettles, electric, domestic	260,770	1,698,102
Portable ovens (including rotisseries, etc) .....	...	12,327
Electric cooking stoves or ranges over 35 amps, etc.	4,102	344,345
Electric cooking plates or grills including stoves for glass coffee makers ..	102,285	604,093
Other stoves and ranges	12,215	410,524
Toasters, electric:		
Domestic, sandwich	39,292	163,240
Domestic, automatic	184,647	2,338,236
Domestic, non-automatic	48,377	99,965
Vacuum cleaners:		
Electric, domestic, upright floor models	30,284	1,497,987
Electric, domestic cylinder, or other straight suction type	132,780	7,651,410
Electric, domestic, hand models and attachments for all types .....	...	351,770
Waffle irons, electric, domestic	44,736	488,760
Water tank heaters, domestic, all types	370,885	7,835,209
Other appliances parts and attachments .....	...	7,524,555
Heating elements:		
For electric stoves, etc. ....	...	4,226,244
For other electrical appliances .....	...	852,763
Other miscellaneous products .....	...	9,121,983
Amount received for repairs .....	...	901,030
Amount received for work done on materials owned by others .....	...	13,095
Total value of shipments and work done .....	...	61,620,000

Note: Data given in the above table are for the industry Manufacturers of Small Appliances, which includes only the firms making small appliances as chief products. These articles may have been made also as minor products of firms classified to other industries, so the figures in this table do not necessarily represent the total Canadian Production of the items which are listed. For the total figures for selected items, see Tables 5 to 9, inclusive.

TABLE 4. Materials Used: Manufacturers of Small Electrical Appliances, 1960

Material	Quantity	Total cost at plant
		\$
Aluminum:		
Castings	lb. 1,366,597	767,842
Wire rods	" 4,527	3,331
Sheet and strip	" 623,959	308,706
Other .....	...	305,370
Brass and bronze:		
Castings	lb. 52,473	42,764
Wire rods	" 30,104	13,239
Sheet and strip	" 628,871	347,099
Other .....	...	92,912
Carbon brushes .....	...	68,339
Copper:		
Wire rods	lb. 3,545	2,900
Sheets and strip	" 127,000	70,000
Tubing and pipe	" 182,342	123,339
Wire, enamelled	" 191,477	139,239
Wire, other insulated .....	...	314,875
Other .....	...	45,354
Cotton and linen, all forms, i.e. sheets, tapes, etc. ....	...	34,587
Glass tubing and cane .....	...	2,407
Insulating varnishes, japans, enamels and lacquers .....	...	10,710
Insulators, porcelain and glass, 600 volts and over .....	...	7,167
Iron and steel (except alloy):		
Castings (rough and semi-finished received from foundry):		
Iron, gray and malleable	ton 284	67,074
Steel	" 2,322	300,473
Steel bars and rods	" 195	53,354
Steel sheets and strip:		
Plain	" 7,122	1,230,067
Galvanized	" 88	23,232
Steel wire	" 69	19,749
Other (except alloy) .....	...	155,282
Alloy steel, in all forms:		
Stainless .....	...	551,981
Silicon sheets and strips	ton 533	148,778
Other alloy, including tool steel, all Forms .....	...	781,889
Lead	lb. 900	325
Mica (unfabricated forms only)	" 30,200	21,500
Motors, electric:		
Under 1 hp.	No. 53,029	276,047
1 hp. and over A.C. or D.C.	" 111	5,645
Paints, stains, lacquers, etc. (for finishing only) .....	...	141,588
Resins synthetic (Moulding powders, sheets, etc.):		
Vinyl type (PVC, etc.) .....	...	4,500
Polyethylene type (polythene, etc.) .....	...	477,024
Other (bakelite, etc.) .....	...	122,022
Resistance wire, ribbon and strip	lb. 49,608	272,397
Sulphuric acid, 100%	" 86,617	2,922
Talc	" 5,500	81
Containers and other packaging materials or supplies .....	...	1,260,674
Operating supplies .....	...	940,678
All other materials ¹ .....	...	16,489,766
Total .....	...	26,047,228

¹ No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$300,000. The total value of materials used by these firms was \$1,092,085 and this amount is included in "all other materials".

TABLE 5. Factory Shipments of Electric Vacuum Cleaners and Parts, 1952-60 (from All Industries)

Year	Floor models		Cylinder models		Hand models		Attachments and parts		Total	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
		\$		\$		\$		\$		\$
1952	41,323	2,380,470	85,587	5,059,012	2,828	59,618	—	1,156,332	—	8,655,432
1953	37,126	2,239,354	70,833	4,334,187	7,705	136,497	—	1,211,414	—	7,922,452
1954	22,801	1,523,306	88,381	4,752,451	5,435	119,772	—	967,785	—	7,363,314
1955	19,795	1,341,000	125,711	6,832,000	—	—	—	1,008,000 ¹	—	9,181,000
1956	20,727	1,541,838	145,621	8,105,948	—	—	—	529,668 ¹	—	10,347,454
1957	22,516	1,681,140	126,252	7,052,463	—	—	—	372,343 ¹	—	9,105,946
1958	25,310	1,741,337	132,201	8,048,856	..	..	..	251,492 ¹	..	10,041,685
1959	32,616	1,930,545	130,989	8,087,808	..	..	..	220,488 ¹	..	10,238,840
1960	32,508	1,576,161	132,780	7,651,410	..	..	..	351,770 ¹	..	9,579,341

¹ Includes hand models.

TABLE 6. Factory Shipments of Flat Irons, 1952-60 (from All Industries)

Year	Steam		Automatic		Non-automatic		Total ¹	
	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$		\$		\$
1952	107,181	1,135,245	234,535	1,494,987	92,029	286,489	433,745	2,916,721
1953	160,478	1,666,554	252,306	2,350,136	69,444	217,026	482,228	4,233,716
1954	234,624	2,509,362	207,620	1,410,704	54,724	168,614	496,968	4,088,680
1955	330,791	3,347,053	202,299	1,250,161	65,351	180,000	598,411	4,777,214
1956	424,084	4,332,043	141,086	853,182	46,681	161,366	611,851	5,346,591
1957	356,714	3,865,572	134,789	828,962	33,346	115,853	524,849	4,810,387
1958	323,823	3,399,922	96,000	571,538	30,314	102,262	450,137	4,037,722
1959	328,150	3,438,689	90,493	590,854	18,770	57,512	437,413	4,087,055
1960	299,211	3,071,362	84,472	569,129	12,610	26,099	396,293	3,666,590

¹ Excluding travel irons — see Table 3.

TABLE 7. Factory Shipments of Electric Toasters, 1952-60 (from All Industries)

Year	Domestic, automatic		Domestic, non-automatic		Domestic sandwich ¹		Other ²		Total	
	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$		\$		\$		\$
1952	26,718	476,225	127,617	462,441	41,473	241,606	2,392	77,137	198,200	1,257,409
1953	134,146	1,903,442	114,775	328,225	54,477	274,388	2,646	16,012	306,044	2,522,067
1954	159,878	2,259,324	110,455	301,333	38,623	183,271	275	12,906	309,231	2,756,834
1955	191,558	2,602,882	110,280	284,403	40,111	176,996	199	13,176	342,148	3,077,457
1956	230,387	3,099,672	94,088	224,276	49,712	214,639	274	15,770	374,461	3,554,357
1957	193,411	2,567,346	71,983	149,667	58,830	233,586	107	3,373	324,331	2,953,972
1958	202,087	2,579,355	64,151	134,476	45,317	194,265	90	1,816	311,645	2,909,912
1959	201,845	2,690,776	56,796	117,752	43,531	194,804	5	531	302,177	3,003,863
1960	184,647	2,338,236	52,831	107,965	41,089	173,240	..	..	278,567	2,619,441 ³

¹ Does not include waffle iron sandwich toaster combination.² Includes commercial type.³ Excludes "other".

TABLE 8. Factory Shipments of Domestic Water-tank Heaters, 1959 and 1960 (from All Industries)

	1959		1960	
	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$
Cast iron, for coal, wood or oil (120 gallons or less)	655	62,700	520	45,007
Gas, automatic	112,283	7,048,315	116,223	7,703,724
Gas, not automatic	6,408	294,595	3,457	59,073
Electric, circulating type	17,912	96,456	21,916	95,118
Electric, immersion type	364,564	803,054	264,867	767,430
Clamp-on type	9,376	46,661	7,501	39,425
Electric, automatic storage tank type, including tank and controls	121,692	7,645,356	116,916	7,282,961
Totals	632,890	15,997,137	531,400	15,992,738

TABLE 9. Factory Shipments of Miscellaneous Electric Appliances, 1959 and 60 (from All Industries)

Item	1959		1960	
	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$
Heating pads	176,219	548,998	161,431	514,762
Clothes dryers, automatic	105,813	13,589,450	100,486	13,243,258
Floor polishers	227,258	6,742,781	199,492	5,379,103
Coffee makers, domestic	124,806	1,582,752	115,476	1,462,027
Kettles	352,728	2,299,049	295,572	1,993,674
Fry pans	256,251	2,950,823	247,130	2,572,618
Fans:				
Portable	81,627	759,954	106,629	794,434
All other	30,192	652,396	19,319	909,310

TABLE 10. Principal Statistics classified according to Type of Ownership: Manufacturers of Small Electrical Appliances, 1957 and 1960

Type	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	number			dollars	
1957					
Individual ownership	10	63	151,337	252,338	458,457
Partnership	2	...	...	...	...
Incorporated companies	55	3,856	13,711,507	27,793,898	58,221,654
Totals	67	3,919	13,862,844	28,046,236	58,680,111
1960					
Individual ownership	6	45	158,248	123,680	303,502
Partnership	2	...	...	...	...
Incorporated companies	58	3,739	14,890,513	25,923,548	61,316,498
Totals	66	3,784	15,048,761	26,047,228	61,620,000

**TABLE 11. Principal Statistics grouped according to Selling Value of Factory Shipments:
Manufacturers of Small Electrical Appliances, 1957 and 1960**

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		
1957					
Under \$10,000	3	5	10,120	7,700	16,288
\$ 10,000 to \$ 24,999	5	25	56,400	37,000	114,020
25,000 " 49,999	9	50	127,750	125,764	322,741
50,000 " 99,999	6	38	114,549	228,918	407,267
100,000 " 199,999	7	121	309,576	490,492	1,023,682
200,000 " 499,999	12	324	917,612	2,084,107	4,224,895
500,000 " 999,999	11	454	1,275,564	4,598,754	7,311,954
1,000,000 " 4,999,999	10	1,474	5,597,533	9,098,519	20,205,114
5,000,000 and over	3	1,428	5,453,740	11,374,982	25,054,150
Totals	67	3,919	13,862,844	28,046,236	58,680,111
1960					
Under \$10,000	6	12	27,588	28,401	66,698
\$ 10,000 to \$ 24,999	2				
25,000 " 49,999	10	39	119,250	168,275	327,665
50,000 " 99,999	6	75	251,907	199,814	455,819
100,000 " 199,999	6	77	251,239	496,176	932,981
200,000 " 499,999	6	167	467,451	1,115,301	2,085,860
500,000 " 999,999	13	552	1,611,265	4,794,763	8,791,682
1,000,000 " 4,999,999	14	1,647	6,847,906	11,530,953	26,024,384
5,000,000 and over	3	1,215	5,472,155	7,712,545	22,934,911
Totals	66	3,784	15,048,761	26,047,228	61,620,000

**TABLE 12. Employees and their Earnings: Manufacturers of Small Electrical Appliances,
1959 and 1960**

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1959								
Quebec	71	93	314	129	607	743, 274	1, 586, 489	2, 329, 763
Ontario	585	305	1, 781	1, 038	3, 759	4, 391, 689	9, 627, 883	14, 019, 572
Manitoba	7	2	7	—	16	25, 277	14, 167	39, 444
British Columbia	15	8	90	2	115	130, 601	388, 345	518, 946
Canada	678	408	2, 192	1, 219	4, 497	5, 290, 841	11, 616, 884	16, 907, 725
1960								
Quebec	84	104	326	144	658	864, 353	1, 502, 694	2, 367, 047
Ontario	484	248	1, 387	898	3, 017	3, 950, 140	8, 237, 322	12, 187, 462
Manitoba	5	—	2	—	7	17, 100	4, 373	21, 473
British Columbia	17	9	76	—	102	136, 299	336, 480	472, 779
Canada	590	361	1, 791	1, 042	3, 784	4, 967, 892	10, 080, 869	15, 048, 761

TABLE 13. Production Workers, by Months: Manufacturers of Small Electrical Appliances, 1960

Month	Establishments reporting monthly detail ¹	
	Male	Female
January	1,888	1,083
February	1,885	1,077
March	1,851	1,039
April	1,805	1,023
May	1,766	974
June	1,783	967
July	1,699	970
August	1,733	1,042
September	1,810	1,114
October	1,794	1,130
November	1,751	1,104
December	1,694	952
Average for establishments reporting monthly detail	1,676	985
Average estimated for small establishments ²	115	57
Average for all establishments	1,791	1,042

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$300,000 and over.

² For establishments generally reporting value of shipments of less than \$300,000 no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 14. Fuel and Electricity used: Manufacturers of Small Electrical Appliances, 1960

Kind	Quantity	Cost at plant \$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 182	2,165
(b) Imported	" 1,775	21,910
Anthracite coal	" 139	1,897
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 77,087	32,609
Fuel oil including kerosene or coal oil	" 960,535	107,128
Gas (a) Liquefied petroleum gases	Imp. gal. 25,425	5,277
(b) Other manufactured gas	M cu. ft. 4,975	8,183
(c) Natural gas	" 147,408	80,717
Other fuel .....	... 2,762	252,025
Electricity purchased	kwh. 23,460,914	3,600
Steam purchased .....	...
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	31,473
3. All establishments:		
Total cost of fuel and electricity		549,746

¹ Establishments generally reporting value of shipments of \$300,000 and over.

² Establishments generally reporting value of shipments of less than \$300,000.

TABLE 15. Imports and Exports of Small Electrical Appliances, 1959 and 1960

Item	1959		1960	
	Quantity	Value \$	Quantity	Value \$
Imports				
Cleaners, electric vacuum	162,765	5,396,668	114,176	3,963,997
Cleaners, hand vacuum and parts .....	...	2,855,581	...	2,670,852
Water heaters, electric	11,279	307,026	6,793	242,405
Sad irons, electric and parts .....	...	823,220	...	807,729
Electric razors and parts	455,083	3,760,895	476,373	4,461,912
Exports				
Electric vacuum cleaners and parts	14	5,378	16	9,720

Directory of Firms: Manufacturers of Small Electrical Appliances, 1960

Name of firm	Location of plant
Quebec	
Canadian Armature Works Inc.	6595 St. Urbain St., Montreal
Danby Appliance Corp.	5770 Ferrier St., Montreal
Electro-steam Mfg. Co. Ltd.	154 Fairmont Ave. W., Montreal
Electrolux (Canada Ltd.)	201 Laurier Ave. E., Montreal
Giant Electric Mfg. Co. Ltd.	40 Blvd. Hurtubise, Montreal
G.P. Gas Appliances Co.	4200 rue Majeau, Montreal
Home Steel Products Ltd.	148 Port Royal St. W., Montreal
Silex Co. Ltd.	167 First St., Iberville
Wright, P.M., Electrical Co.	7055 Alexandra St., Montreal
Ontario	
Alpaco Electric Appliances Ltd.	369 Danforth Rd., Scarborough
Bryant Mfg. Division of Carrier Air Conditioning	450 Dufferin St., Toronto
Canadian Chromalox Co. Ltd.	210 Rexdale Blvd., Rexdale
Canadian Fractional Motors Co. Ltd.	Warton
Canadian General Electric Co. Ltd.	Barrie
Canadian General Electric Co. Ltd.	224 Wallace Ave., Toronto
Canadian Westinghouse Co. Ltd.	286 Sanford Ave. N., Hamilton
Canadian Wilber B. Driver	50 Ronson Drive, Rexdale
Chandler Electric Co.	3160 Dundas St. W., Toronto
Clyde Fans Ltd.	241 King St. E., Toronto
Continental Electric Co. Ltd.	310 Spadina Ave., Toronto
Filter Queen Corp. Ltd.	252 Victoria St., Toronto
Filtro Electric Ltd.	5 Parnell Ave., Toronto
Force Electric Products Ltd.	163 Church St., Acton
Fresh'nd Aire Co. Ltd.	3300 Dufferin St., Toronto
Gauth Electric	443 Birchmount Rd., Toronto
George W. Endress Co. Ltd.	804 Mt. Pleasant Rd., Toronto
Graham Metal Products Ltd.	Bishop St., Preston
Hanks Craft (Canada) Ltd.	Ajax
Harvey Waldman Co. Ltd.	45 Crockford Blvd., Scarborough
Hoover Co. Ltd.	Gage Ave. and Barton St., Hamilton
Hygrade Electric Mfg. Co.	636 Woburn Ave., Toronto
Knight Rebound Controllers Ltd.	361 Jackson St. W., Hamilton
Lanark Mills Ltd.	Foster St., Perth
Landers, Frary and Clark (Canada) Ltd.	1415 Weston Road, Toronto
Leader Fan Co. Ltd.	1228 Dupont St., Toronto
McGraw Electric Co. (Canada) Ltd.	75 Chisholm St., Oakville
Markel Electric Products	23 Lewis St., Fort Erie
National Electric Mfg. Ltd.	53 Fraser Ave., Toronto
OHM-Rite Electric Ltd.	482 Wellington St. W., Toronto
Pyrexon Ray Co. Ltd.	212 Norseman St., Toronto
Renfrew Electric Ltd.	Renfrew
Rotor Electric Co. Ltd.	195 Rexdale Blvd., Rexdale
Ruud Mfg. Co.	Portland and Windsor Sts., Mimico
Samson-Dominion Ltd.	24-30 Curity Ave., Toronto
Schick (Canada) Ltd.	487 Adelaide St. W., Toronto
Schultz Mfg. Co. Ltd.	154-158 York St., Hamilton
Sheraton Mfg. Co. Ltd.	604 King St. W., Toronto
Sloan Engineering Ltd.	1492 Don Mills Rd., Don Mills
Standard Appliance Mfg. Co. Ltd.	1542 Queensway, Toronto
Sterling Radiant Devices Ltd.	175 Eileen Ave., Toronto
Sunbeam Corporation (Canada) Ltd.	220 Islington Ave. S., Toronto
Superior Electrics Ltd.	Pembroke St. E., Pembroke
Switson Industries Ltd.	201 Major St., Welland
Thermax Division of Moffats Ltd.	79 West St. S., Orillia
Triad Equipment Ltd.	1 Torbarrie Rd., Downsview
Wahl Mfg. Co. of Canada	80 Orfus Rd., Toronto
White Products (Canada) Ltd.	6161 Tecumseh Rd. E., Windsor
Manitoba	
Element Specialty Mfg. Co.	223 Morley Ave., Winnipeg
Master Products Co.	166 Princess St., Winnipeg
Red Devil Heater Mfg. Co.	272 Selkirk Ave., Winnipeg
Supreme Electric Appliance Ltd.	1098 Winnipeg Ave., Winnipeg
British Columbia	
Allied Engineering of B.C. Ltd.	Granville Island, Vancouver
Drake Mfg. Ltd.	1684 W. 1st Ave., Vancouver
Elco Mfg. Co. Ltd.	75 W. 3rd Ave., Vancouver
Greenline Mfg. Ltd.	882 Cordova St., Vancouver

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