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ANNUAL



MISCELLANEOUS TEXTILE INDUSTRIES

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

DOMINION BUREAU OF STATISTICS

Industry Division

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MISCELLANEOUS TEXTILE INDUSTRIES
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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.
- * revised figures.
- Ⓟ preliminary.

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.

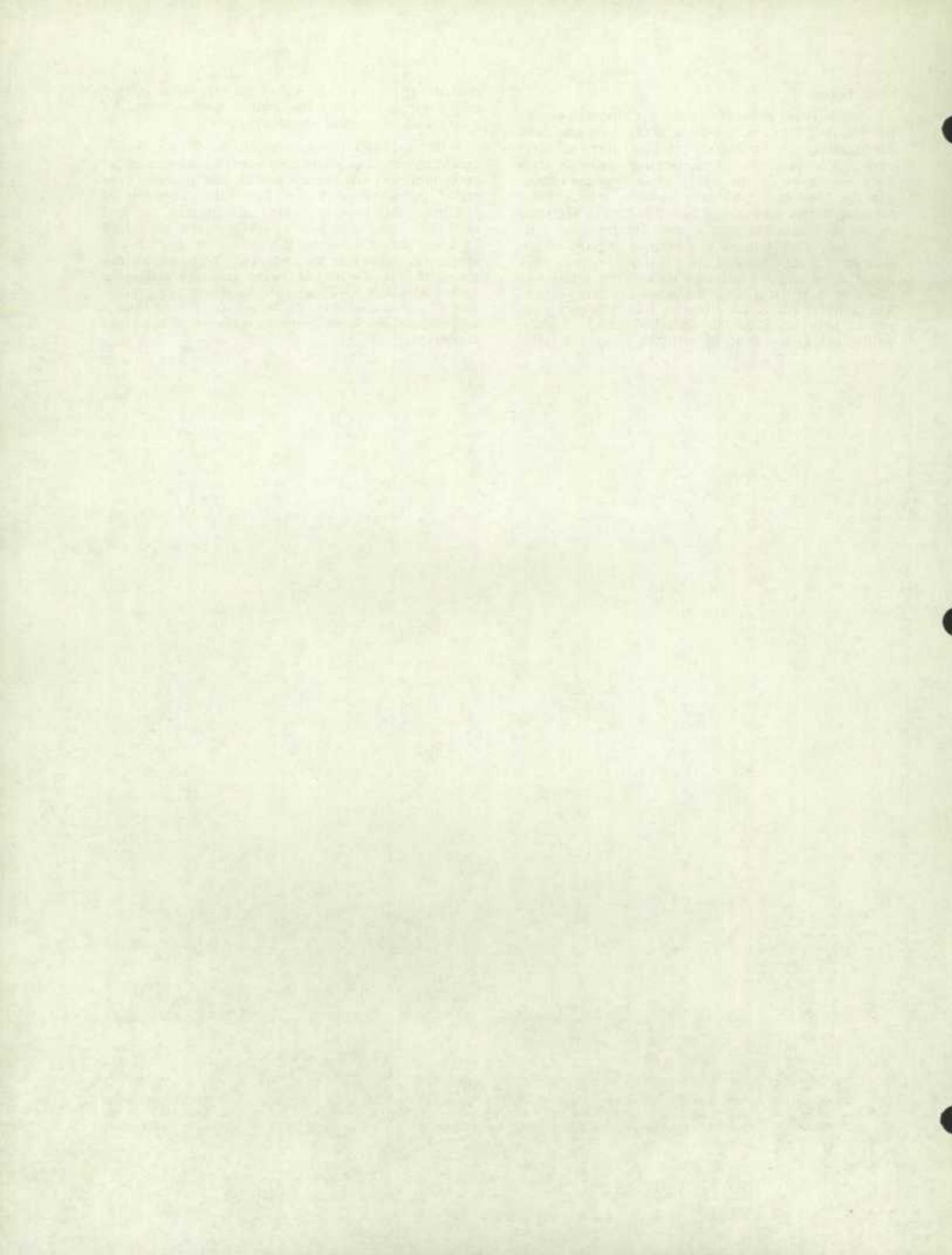
¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing 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.



SECTION 1. PRESSED AND PUNCHED FELT MILLS, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about minor revisions to this industry. This implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics (Table 1) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

Since the revisions to this industry through the the implementation of the New Establishment Concept were minor, affecting only "Value added by manufacture" and "Value of shipments" (Table 1), both 1960 and 1961 data have been shown in most tables. However, in the case of Tables 7 and 8,

these 1960 data have not been revised for the new concept as pointed out in the footnote to both tables.

The shipments by the industry proper have been concealed in order to present the more important information covering the 1960 and 1961 shipments by all industries of pressed and punched felts, the major products of this industry, in Table 3. When the original 1960 report on this industry was published, only one total shipment figure was given. However, it has now been found possible to give these shipments in more detail without contravening the secrecy requirements of the Statistics Act.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of certain tables normally contained in this section of the report. It is planned to resume publication of these tables in the 1962 report. The tables affected are the following: List of firms—Imports.

TABLE 1. Principal Statistics of Pressed and Punched Felt Mills, 1957-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
	Basis: Standard Industrial Classification up to and including 1960						
	number		dollars				
1957	10	428	1,460,948	121,479	3,211,363	3,311,616	6,644,458
1958	10	448	1,630,105	120,673	2,824,390	3,293,742	6,230,253
1959	10	479	1,848,780	141,973	3,234,914	3,872,997	7,214,061
1960	10	460	1,761,880	138,872	3,338,911	3,281,111	6,806,557
	Basis: Revised Standard Industrial Classification and New Establishment Concept ¹						
	number		dollars				
1957	10	428	1,460,948	121,479	3,211,363	3,233,776	6,569,618
1958	10	448	1,630,105	120,673	2,824,390	3,229,238	6,161,749
1959	10	479	1,848,780	141,973	3,234,914	3,788,574	7,132,638
1960							
Canada	10	460	1,761,880	138,872	3,338,911	3,214,818	6,728,264
Quebec	2	460	1,761,880	138,872	3,338,911	3,214,818	6,728,264
Ontario	7						
British Columbia	1						
1961							
Canada	10	417	1,636,456	132,642	3,668,744	2,998,324	6,812,549
Quebec	2	417	1,636,456	132,642	3,668,744	2,998,324	6,812,549
Ontario	7						
British Columbia	1						

¹ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

TABLE 2. Inventories, '1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: ²				
Quebec	477,099	40,618	513,141	1,030,858
Ontario				
British Columbia				
Canada	477,099	40,618	513,141	1,030,858
Closing:				
Quebec	718,899	48,852	492,068	1,259,819
Ontario				
British Columbia				
Canada	718,899	48,852	492,068	1,259,819

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

² 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 of Pressed and Punched Felts by All Industries, 1960 and 1961

Item	Value	
	1960	1961 ^P
	dollars	
Felt, harness and athletic	239,426	247,278
Felt, padding	3,440,781	3,783,128
Felt, shoe, slipper, etc.	370,633	354,647
Felt, industrial and automotive (uncut)	460,091	502,380
Felt, pennant, crest and fancy lining	400,024	396,040
Felt, pressed and punched, n.e.s.	1,947,708	2,995,759
Total	6,858,663	8,279,232

TABLE 4. Materials Used, 1960 and 1961

Principal materials	1960		1961	
	Quantity	Value	Quantity	Value
		\$		\$
Fibres:				
Cotton, raw	69,227 lb.	21,556	365,099	35,842
Cotton linters	7,860,000 ^r	608,742	10,704,887	856,306
Cotton waste	3,810,441	273,904	3,923,608	229,036
Rayon staple fibre	26,349	8,168	25,134	7,540
Rayon waste	178,378	43,761	149,709	39,917
Wool waste	78,129	21,671	85,478	24,274
Other waste	1,132,400	22,648	—	—
Wool:				
Imported (clean)				
Finer than 60's	113,103	95,817	77,902	71,391
60's	16,983	13,490	18,988	15,076
58's	109,618	74,128	54,829	40,135
56's	2,156	2,103	6,256	3,691
Coarser than 56's	105,864	57,932	102,374	55,589
Wool noils:				
Merino (60's or finer)	7,130	5,704	8,160	5,875
Crossbred (coarser than 60's)	1,819	1,373	78,315	44,516
Waste, wool or part wool	179,339	26,900	157,371	23,605
Re-worked or re-processed, wool or part wool	493,886	92,366	466,493	97,905
Rags, clippings, mill-end, etc.	800,000	6,400	7,225,300	414,829
Animal hair	2,127,223	238,000	1,974,044	185,005
Other raw stocks	6,902,277	357,038	1,332,756	71,713
Jute yarn	8,057	793	3,000	1,100
Sewing thread	150	2,902	..	1,749
Fabrics, burlap (not for packaging)	2,762,422	229,839	2,933,470	329,175
Fabric, other	172,000	55,040	..	41,645
Soaps	3,508	1,078	3,546	1,090
Oils .....	..	4,802	..	5,484
Dyes .....	..	27,295	..	26,418
Chemicals .....	..	461,584	..	430,395
All other materials and supplies ¹ .....	..	283,073	..	308,791
Packing and shipping materials .....	..	130,777	..	110,127
Operating, maintenance and repair supplies .....	..	170,027	..	190,525
Total cost of materials used .....	...	3,338,911	...	3,668,744

¹ No detailed information on materials used was collected from small establishments. The total estimated value of materials used by these establishments was \$90,000 in 1960 and \$100,120 in 1961. These amounts have been included in "All other materials and supplies".

TABLE 5. Employees and their Earnings, by Provinces, 1960 and 1961

Province	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1960								
Quebec	66	38	332	24	460	577,888	1,183,992	1,761,880
Ontario								
British Columbia								
Canada	66	38	332	24	460	577,888	1,183,992	1,761,880
1961								
Quebec	52	36	311	18	417	519,420	1,117,036	1,636,456
Ontario								
British Columbia								
Canada	52	36	311	18	417	519,420	1,117,036	1,636,456

TABLE 6. Production Workers, by Months, 1961

Month	Male	Female
January	321	18
February	318	17
March	316	19
April	301	19
May	314	19
June	313	18
July	297	18
August	305	19
September	309	19
October	313	18
November	321	17
December	310	17
Monthly average ¹	311	18

¹ The monthly detail of production workers was not collected from small establishments. Annual averages reported by these establishments were included in each month's total.

TABLE 7. Principal Statistics, grouped by Size of Establishment, 1960 and 1961

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960 ¹						
\$ 50,000 to \$199,999	2	154	535,570	39,953	828,258	1,688,877
200,000 " 499,999	4					
500,000 " 999,999	3	306	1,226,310	98,919	2,510,653	5,117,680
1,000,000 and over	1					
Totals	10	460	1,761,880	138,872	3,338,911	6,806,557
1961						
\$ 25,000 to \$ 49,999	1	13	40,876	2,882	115,875	219,830
50,000 " 99,999	1					
100,000 " 199,999	1					
200,000 " 499,999	3	104	330,719	27,923	633,867	1,148,106
500,000 and over	4	300	1,264,861	101,837	2,919,002	5,444,613
Totals	10	417	1,636,456	132,642	3,668,744	6,812,549

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 8. Principal Statistics, grouped by Number of Employees, 1960 and 1961

Group size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960 ¹						
5 to 14	2	160	607,459	55,200	1,392,396	2,632,651
15 " 49	5					
50 and over	3	300	1,154,421	83,672	1,946,515	4,173,906
Totals	10	460	1,761,880	138,872	3,338,911	6,806,557
1961						
Under 5	1	13	40,876	2,882	115,875	219,830
5 to 14	2					
15 " 49	4	118	439,082	36,489	1,406,771	2,141,657
50 and over	3	286	1,156,498	93,271	2,146,098	4,451,062
Totals	10	417	1,636,456	132,642	3,668,744	6,812,549

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 9. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 621	9,193
(b) Imported	" 1,127	14,933
Anthracite coal	" 1,163	18,081
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 39,781	15,738
Fuel oil including kerosene or coal oil	" 92,430	9,951
Gas:		
Liquefied petroleum gases	" 153,834	23,229
Electricity purchased	kwh. 2,134,100	38,967
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	2,550
3. All establishments:		
Total cost of fuel and electricity .....	...	132,642

¹ Large establishments.

² Small establishments.

SECTION 2. LINOLEUM AND COATED FABRICS INDUSTRY, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about certain revisions to this industry. This implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics (Table 10) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

Because of the changes made to this industry through the implementation of the New Establishment Concept, only 1961 data have been shown throughout this section with the exception of Table 10.

The main products of this industry in 1961 were linoleum and felt base coverings, including linoleum tiles; vinyl asbestos tiles; coated felt;

various types of coated fabrics; and window blinds and shades. As in the past, no details of shipments by this industry are presented because to do so would, in practically all instances, reveal individual company information. The volume of linoleum sheeting and tile shipments by the industry in 1961 were lower than in 1960, whereas those of printed surface felt base coverings were higher. The 1961 preliminary shipments by all industries of artificial leather, all types, which is largely produced in this industry, were 7,123,856 square yards valued at \$6,955,822.

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

TABLE 10. Principal Statistics of the Linoleum and Coated Fabrics Industry, 1938 - 61

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification up to and including 1960							
	number				dollars		
1938	14	1,672	2,143,222	249,281	4,427,708	4,380,013	9,057,002
1939	14	1,686	2,190,807	253,789	4,108,794	4,968,430	9,331,013
1942	19	2,412	3,546,156	314,631	12,295,497	8,845,964	21,456,093
1944	19	2,746	4,633,204	322,126	13,964,166	13,638,748	27,925,040
1946	16	1,746	3,371,694	318,552	7,493,530	8,116,435	15,928,517
1948	16	2,016	4,929,326	419,411	15,385,706	11,130,764	26,935,881
1949	14	2,309	6,053,518	419,924	15,657,655	12,092,566	28,170,145
1950	15	2,351	6,638,152	491,618	16,618,156	13,174,074	30,283,848
1951	15	2,379	7,131,411	490,109	16,727,708	12,163,917	29,381,734
1952	14	2,402	7,349,657	498,773	15,827,257	14,219,362 ²	30,545,392
1953	15	2,236	7,470,347	498,663	15,219,537	15,114,883 ²	30,833,083
1954	17	2,215	8,016,205	462,892	14,561,979	16,326,952	31,248,973
1955	17	2,307	8,045,530	535,640	15,607,991	15,421,633	31,172,275
1956	16	2,664	10,028,012	574,073	18,357,833	16,074,896	35,068,889
1957	17	2,836	11,512,954	634,022	20,694,653	17,862,084	38,903,557
1958	19	2,902	11,906,807	667,641	21,119,350	18,691,209	40,930,445
1959	19	3,102	12,902,383	681,037	24,407,858	20,367,616	43,789,538
1960	19	2,563	10,966,165	621,487	20,333,257	17,500,079	39,061,308

See footnotes at end of table.

TABLE 10. Principal Statistics of the Linoleum and Coated Fabrics Industry, 1938-61 — Concluded

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Revised Standard Industrial Classification and New Establishment Concept. ³							
	number				dollars		
1957	16	2,897	11,760,404	680,621	21,448,919	17,863,200	39,728,720
1958	18	2,995	12,222,216	679,922	21,756,900	18,817,664	41,592,180
1959	18	3,188	13,198,587	693,567	25,005,311	20,376,612	44,497,654
1960							
Canada	17	2,637	11,217,675	629,128	21,504,654	16,662,764	39,852,047
Quebec	9	1,706	6,975,528	417,169	12,551,577	13,321,924	27,013,127
Ontario	6	931	4,242,147	211,959	8,953,077	3,340,840	12,838,920
British Columbia	2						
1961							
Canada	16	2,309	10,785,879	612,128	19,038,826	17,226,358	36,967,315
Quebec	9	1,516	6,627,025	390,213	12,401,458	12,516,090	25,434,146
Ontario	6	793	4,158,854	221,915	6,637,368	4,710,268	11,533,169
British Columbia	1						

¹ Figures up to and including 1951 represent the value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

TABLE 11. Inventories,¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: ²				
Quebec	1,178,391	1,593,593	3,303,243	6,075,227
Ontario	878,858	628,091	1,370,213	2,877,662
British Columbia				
Canada	2,057,249	2,221,684	4,673,456	8,952,389
Closing:				
Quebec	1,444,398	1,456,416	3,314,035	6,215,349
Ontario	974,872	666,173	1,368,513	3,009,558
British Columbia				
Canada	2,419,770	2,122,589	4,682,548	9,224,907

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

² 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 12. Materials Used, 1961

Principal materials	1961	
	Quantity	Value
	lb.	\$
Fabrics.....	...	3,890,301
Parts for shades.....	...	201,286
Felt.....	...	2,176,428
Rubber and compounds.....	117,610	70,160
Plastics.....	...	882,715
Oils:		
Castor oil.....	148,693	38,174
Linseed oil.....	...	1,661,281
Other.....	...	63,580
Dyestuffs, chemicals, etc.:		
Benzine.....	...	17,143
Carbonblack.....	31,524	8,973
Denatured alcohol.....	...	10,138
Dyes and colours.....	...	552,263
Litharge.....	124,730	24,057
Lithopone.....	29,387	5,194
Rosin.....	...	309,032
Saturants and solvents.....	...	465,361
Plasticizers.....	5,557,186	1,500,679
Whiting.....	13,638,667	117,243
Zinc oxide.....	465,370	65,402
Titanium dioxide.....	3,823,561	898,721
Gum.....	...	98,329
Resins.....	7,538,187	2,135,873
Varnish and lacquers.....	...	206,782
All other materials and supplies.....	...	2,603,743
Packing and shipping materials.....	...	518,936
Operating, maintenance and repair supplies.....	...	517,032
Total cost of materials used.....	...	19,038,826

TABLE 13. Employees and their Earnings, by Provinces, 1961

Province	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Quebec	266	84	1,106	60	1,516	2,125,753	4,501,272	6,627,025
Ontario	278	69	407	39	793	2,196,529	1,962,325	4,158,854
British Columbia								
Canada.....	544	153	1,513	99	2,309	4,322,282	6,463,597	10,785,879

TABLE 14. Production Workers, by Months, 1961

Month	Male	Female
	number	
January	1,541	97
February	1,552	95
March	1,467	102
April	1,452	101
May	1,521	101
June	1,553	98
July	1,266	91
August	1,510	93
September	1,563	105
October	1,575	105
November	1,552	97
December	1,576	98
Monthly average ¹	1,513	99

¹ The monthly detail of production workers was not collected from small establishments. Annual averages reported by these establishments were included in each month's total.

TABLE 15. Principal Statistics, grouped by Size of Establishment, 1961

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number			dollars		
\$ 10,000 to \$ 24,999	1	11	45,932	2,875	124,800	209,682
25,000 " 49,999	1					
100,000 " 199,999	1					
200,000 " 499,999	3	99	513,831	39,208	1,675,334	2,810,107
500,000 " 999,999	2					
1,000,000 " 4,999,999	6	2,057	9,160,184	570,045	17,238,692	33,947,526
5,000,000 and over	2					
Head offices .....	...	142	1,065,932	...	...	...
Totals	16	2,309	10,785,879	612,128	19,038,826	36,967,315

TABLE 16. Principal Statistics, grouped by Number of Employees, 1961

Group size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
Under 5.....	2	35	165,202	9,875	509,800	975,669
5 to 14	3					
15 " 49	4	123	574,087	48,883	2,631,399	3,527,039
50 " 99	1	349	1,478,012	98,109	3,270,842	5,235,120
100 " 199	2					
200 and over	4	1,660	7,502,646	455,261	12,626,785	27,229,487
Head offices .....	...	142	1,065,932	...	...	...
Totals	16	2,309	10,785,879	612,128	19,038,826	36,967,315

TABLE 17. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton	496
(b) Imported	"	8,541
Sub-bituminous coal	"	1,715
Anthracite coal	"	79
Coke	"	2,204
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	115,868
Fuel oil including kerosene or coal oil	"	2,451,568
Natural gas	M cu. ft.	301
Electricity purchased	kwh.	22,296,533
2. Estimate for establishments for which no data were collected ²		
Cost of fuel and electricity .....	...	9,875
3. All establishments:		
Total cost of fuel and electricity .....	...	612,128

¹ Large establishments.² Small establishments.

SECTION 3 A. EMBROIDERY, PLEATING AND HEMSTITCHING MANUFACTURERS, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about minor revisions to this industry. This implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics (Table 18) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

In view of the minor changes to this industry effected by the implementation of the New Estab-

lishment Concept, both 1960 and 1961 data have been generally shown in this section. However, it should be noted that these 1960 figures, with the exception of Table 18, are based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of a table normally contained in this section of the report. It is planned to resume publication of this table in the 1962 report. The table affected is the following: List of firms.

TABLE 18. Principal Statistics of Embroidery, Pleating, Hemstitching Manufacturers, 1938 - 61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use prior to 1960							
	number		dollars				
1938	67	789	604,210	10,449	193,309	823,542	1,027,300
1939	67	840	724,414	11,215	233,913	1,023,774	1,268,902
1943	107	1,608	1,920,317	20,588	1,303,895	3,318,153	4,642,636
1945	132	1,806	2,399,901	25,278	1,589,591	4,166,153	5,781,022
1948	128	1,673	2,755,325	31,652	2,054,582	4,596,468	6,682,702
1949	129	1,711	2,902,264	32,476	2,011,338	4,866,301	6,910,115
1950	128	1,639	2,914,698	32,252	2,337,271	4,932,694	7,302,217
1951	131	1,664	3,054,933	40,221	2,694,900	5,286,127	8,021,248
1952	151	1,785	3,403,231	49,927	3,185,502	5,679,849 ²	8,915,278
1953	155	1,968	3,991,932	55,913	3,419,135	6,733,185 ²	10,208,233
1954	164	1,904	3,978,851	77,705	2,949,857	6,439,953	9,460,994
1955	168	1,879	4,005,650	77,706	3,100,200	6,410,287	9,561,215
1956	161	1,751	3,907,274	94,459	3,299,917	5,999,507	9,314,899
1957	150	1,584	3,814,363	90,549	2,832,196	6,011,108	8,944,746
1958	137	1,484	3,679,101	80,842	2,529,579	5,783,735	8,392,601
1959	134	1,457	3,661,925	76,372	2,312,262	5,955,958	8,340,725

See footnotes at end of table.

TABLE 18. Principal Statistics of Embroidery, Pleating, Hemstitching Manufacturers, 1938-61 - Concluded

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number		dollars				
1957	144	1,531	3,716,340	88,288	2,677,046	5,813,408	8,578,742
1958	131	1,433	3,574,522	77,796	2,381,990	5,606,916	8,065,147
1959	131	1,479	3,735,904	80,233	2,851,422	6,242,712	9,171,217
1960							
Canada	133	1,437	3,875,900	81,470	2,231,656	6,109,512	8,421,715
Quebec	79	993	2,626,491	56,907	1,685,455	4,276,141	6,028,439
Ontario	41	337	1,008,988	21,720	472,072	1,512,238	1,997,665
Manitoba	4	54	129,351	1,199	36,279	170,765	205,212
Saskatchewan	3						
Alberta	4	53	111,070	1,644	37,850	150,368	190,399
British Columbia	2						
1961							
Canada	130	1,538	4,169,233	84,296	2,256,775	6,303,209	8,625,459
Quebec	77	1,041	2,781,038	55,541	1,661,522	4,215,793	5,940,755
Ontario	41	375	1,112,549	26,150	517,616	1,723,148	2,240,518
Manitoba	3	70	154,624	1,271	35,838	197,176	233,723
Saskatchewan	3						
Alberta	4	52	121,022	1,334	41,799	167,092	210,463
British Columbia	2						

¹ Figures up to and including 1951 represent value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures, has resulted in certain changes and necessitated some adjustments to the Statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes.)

TABLE 19. Inventories,¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: ²				
Quebec	476,906	14,008	21,613	512,527
Ontario	188,091	4,724	13,669	206,484
Manitoba	18,988	1,087	7,719	27,794
Saskatchewan				
Alberta	17,068	1,952	1,950	20,970
British Columbia				
Canada	701,053	21,771	44,951	767,775
Closing:				
Quebec	478,406	12,816	14,906	506,128
Ontario	189,943	8,037	36,752	234,732
Manitoba	20,567	1,180	8,188	29,935
Saskatchewan				
Alberta	23,716	1,979	1,685	27,380
British Columbia				
Canada	712,632	24,012	61,531	798,175

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

² 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 20. Factory Shipments, 1960 and 1961

Principal products	Value	
	1960 ¹	1961
	\$	\$
Embroidery	3,734,843	3,359,156
Pleating, hemstitching, button covering etc.	955,088	1,137,051
Buttonholes	216,345	221,950
Binding:		
Cotton	700,615	727,502
Other	310,834	396,638
Lace, all kinds	2	2
Stamped goods	2	2
Crests and badges	1,243,378	1,460,694
Pennants and emblems	272,714	210,100
Custom and repair work	203,984	290,354
All other products	816,606	825,676
Total shipments	8,454,407	8,652,314
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above.....		26,855
Total shipments (adjusted)		8,625,459

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

² Included in "All other products".

TABLE 21. Materials used, 1960 and 1961

Principal materials	1960 ¹		1961	
	Quantity	Value	Quantity	Value
		\$		\$
Fabrics:				
Cotton yd.	2,005,977	594,834	2,226,485	678,293
Rayon "	376,123	162,372	369,842	157,327
Other "	1,197,406	402,948	...	481,958
Threads .....	..	222,712	...	94,540
Yarns .....	..	185,563	...	189,764
All other materials and supplies ² .....	...	411,292	...	325,668
Packing and shipping materials .....	...	26,186	...	26,549
Operating, maintenance and repair supplies .....	...	143,979	...	132,115
Amount paid out to others for work done on materials owned by reporting plants .....	...	83,295	...	81,711
Total cost of materials used .....	...	2,233,181	...	2,256,775

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

² No detailed information on materials used was collected from small establishments. The total estimated value of materials used by these establishments was \$98,720 in 1960 and \$88,850 in 1961. These amounts have been included in "All other materials and supplies".

TABLE 22. Employees and their Earnings, by Provinces, 1960 and 1961

Province	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1960 ¹								
Quebec	109	42	373	472	996	690, 193	1, 943, 298	2, 633, 491
Ontario	55	28	76	178	337	407, 971	601, 017	1, 008, 988
Manitoba	7	4	1	43	55	41, 240	89, 611	130, 851
Saskatchewan								
Alberta	9	4	1	39	53	44, 426	66, 644	111, 070
British Columbia								
Canada	180	78	451	732	1, 441	1, 183, 830	2, 700, 570	3, 884, 400
1961								
Quebec	101	42	376	522	1, 041	732, 119	2, 048, 919	2, 781, 038
Ontario	64	30	88	193	375	444, 313	668, 236	1, 112, 549
Manitoba	9	6	5	50	70	64, 097	90, 527	154, 624
Saskatchewan								
Alberta	8	2	2	40	52	38, 205	82, 817	121, 022
British Columbia								
Canada	182	80	471	805	1, 538	1, 278, 734	2, 890, 499	4, 169, 233

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 23. Production Workers, by Months, 1961

Month	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
	number			
January	349	520		
February	343	522		
March	352	544	96	138
April	349	571		
May	354	592		
June	349	565	110	145
July	314	542		
August	355	558		
September	351	563	119	146
October	350	584		
November	352	593		
December	333	562	105	141
Average for establishments reporting monthly detail			346	566
Average for establishments reporting quarterly detail			108	145
Average for small establishments ³			17	94
Average for all establishments			471	805

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

² The number of production workers, by quarters, was collected only for medium-size establishments.

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

TABLE 24. Principal Statistics, grouped by Size of Establishments, 1960 and 1961

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960 ¹						
Under \$10,000	31	56	106,409	4,007	27,213	178,164
\$ 10,000 to \$ 24,999	31	130	283,805	7,650	106,116	541,710
25,000 " 49,999	30	237	581,706	13,246	163,287	1,098,055
50,000 " 99,999	29	417	970,771	20,890	529,197	1,964,384
100,000 " 199,999	6	140	407,650	6,441	214,997	807,451
200,000 and over	8	461	1,534,059	29,686	1,192,371	3,864,643
Totals	135	1,441	3,884,400	81,920	2,233,181	8,454,407
1961						
Under \$10,000	28	59	100,061	2,400	23,851	157,226
\$ 10,000 to 24,999	24	109	248,080	6,936	79,813	425,144
25,000 " 49,999	31	253	593,047	13,441	163,264	1,151,187
50,000 " 99,999	30	432	1,051,935	24,905	522,810	2,130,000
100,000 " 199,999	9	198	570,289	8,302	291,800	1,217,711
200,000 " 499,999	4	143	496,190	10,586	358,623	1,118,217
500,000 and over	4	344	1,109,631	17,726	816,614	2,425,974
Totals	130	1,538	4,169,233	84,296	2,256,775	8,625,459

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 25. Principal Statistics, classified according to Type of Ownership, 1960 and 1961

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960 ¹						
Individual	76	400	929, 111	26, 953	359, 720	1, 825, 237
Partnership	15	125	311, 129	6, 595	63, 952	555, 449
Incorporated companies	44	916	2, 644, 160	48, 372	1, 809, 509	6, 073, 721
Totals	135	1, 441	3, 884, 400	81, 920	2, 233, 181	8, 454, 407
1961						
Individual	68	438	985, 551	28, 179	370, 415	1, 880, 011
Partnership	16	123	301, 541	4, 302	84, 327	566, 509
Incorporated companies	46	977	2, 882, 141	51, 815	1, 802, 033	6, 178, 939
Totals	130	1, 538	4, 169, 233	84, 296	2, 256, 775	8, 625, 459

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 26. Principal Statistics, grouped by Number of Employees, 1960 and 1961

Group size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials and supplies used	Value of shipments
	number		dollars			
1960 ¹						
Under 5 employees	51	118	257, 154	9, 107	132, 690	535, 171
5 to 14 " 	59	491	1, 234, 208	30, 492	621, 645	2, 558, 603
15 " 49 " 	21	487	1, 290, 547	23, 381	622, 525	2, 513, 142
50 " 99 " 	2	345	1, 102, 491	18, 940	856, 321	2, 847, 491
100 and over	2					
Totals	135	1, 441	3, 884, 400	81, 920	2, 233, 181	8, 454, 407
1961						
Under 5 employees	41	99	216, 108	6, 347	74, 949	401, 698
5 to 14 " 	65	576	1, 452, 249	34, 937	730, 283	3, 012, 810
15 " 49 " 	19	468	1, 251, 689	20, 012	590, 064	2, 508, 457
50 " 99 " 	3	395	1, 249, 187	23, 000	861, 479	2, 702, 494
100 and over	2					
Totals	130	1, 538	4, 169, 233	84, 296	2, 256, 775	8, 625, 459

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 27. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal—Canadian	ton 55	984
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 41,358	17,119
Fuel oil including kerosene or coal oil	" 37,032	6,064
Gas (a) Liquefied petroleum gases	" 6,090	2,427
(b) Other manufactured gas	M cu. ft. 27	20
(c) Natural gas	" 3,653	3,660
Steam purchased	lb. 2,500,000	473
Electricity purchased	kwh. 1,352,306	25,862
2. Establishments reporting group detail: ²		
Cost of fuel .....	...	7,642
Cost of electricity .....	...	12,440
3. Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity .....	...	7,605
4. All establishments:		
Total cost of fuel and electricity .....	...	84,296

¹ Large establishments.

² Medium-size establishments.

³ Small establishments.

SECTION 3 B. AUTOMOBILE FABRIC ACCESSORY MANUFACTURERS, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about minor revisions to this industry. This implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics (Table 28) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

Again it should be noted that, although 1960 data have been shown in many tables, these figures are based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept, with the exception of Table 28.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of a certain table normally contained in this section of the report. It is planned to resume publication of this table in the 1962 report. The table affected is the following: List of firms.

TABLE 28. Principal Statistics of Automobile Fabric Accessory Manufacturers, 1938 - 61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use prior to 1960							
	number		dollars				
1938	11	310	305,939	8,854	533,590	453,667	996,111
1939	11	394	453,841	14,411	655,013	657,358	1,326,782
1940	10	443	615,185	23,060	977,038	1,033,576	2,033,674
1942	9	618	913,282	25,276	3,438,113	1,795,434	5,258,823
1944	9	547	931,978	26,164	4,828,825	1,556,768	6,411,757
1945	9	623	918,442	24,603	3,699,722	1,716,095	5,440,420
1946	9	582	895,954	24,563	1,337,302	1,528,897	2,890,762
1948	9	753	1,534,293	37,513	2,903,188	2,675,084	5,615,785
1949	8	827	1,740,482	37,544	3,189,372	3,135,148	6,362,064
1950	8	726	1,681,547	40,141	3,172,158	3,238,748	6,451,047
1951	9	694	1,737,883	41,968	3,478,348	3,323,657	6,843,973
1952	12	788	2,044,019	45,043	4,508,505	3,263,913 ²	7,817,461
1953	16	1,083	2,868,803	68,184	6,248,415	5,023,787 ²	11,340,386
1954	17	799	2,151,401	82,535	6,151,233	3,603,330	9,878,843
1955	17	995	3,013,549	99,540	8,615,381	5,736,933	14,237,169
1956	19	991	3,220,417	129,043	8,675,890	4,841,966	13,700,631
1957	20	912	3,003,076	119,726	7,084,909	4,858,187	11,990,137
1958	21	927	2,999,096	104,128	7,625,579	5,054,276	12,198,665
1959	24	1,032	3,512,252	107,579	9,124,447	6,633,281	15,739,518

See footnotes at end of table.

TABLE 28. Principal Statistics of Automobile Fabric Accessory Manufacturers, 1938-61 - Concluded

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number				dollars		
1957	20	816	2,425,993	92,679	6,397,928	..	10,515,980
1958	19	721	2,171,743	75,932	5,980,721	3,871,125	9,322,899
1959	23	812	2,645,685	80,108	7,675,851	4,113,544	11,883,042
1960							
Canada	27	824	2,730,826	83,930	8,074,256	4,114,262	12,452,123
Quebec	5	182	483,730	7,640	1,510,900	796,479	2,260,274
Ontario	17	563	2,042,247	70,237	6,040,354	2,994,595	9,330,548
Manitoba	3	79	204,849	6,053	523,002	323,188	861,301
British Columbia	2						
1961							
Canada	26	850	2,893,150	78,443	7,878,389	5,333,889	13,190,549
Quebec	4	188	460,062	4,144	1,461,822	697,082	2,175,203
Ontario	17	581	2,207,610	67,846	5,866,890	4,274,111	10,094,548
Manitoba	3	81	225,478	6,453	549,677	362,696	920,798
British Columbia	2						

¹ Figures up to and including 1951 represent value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes.)

TABLE 29. Inventories¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: ²				
Quebec	194,263	23,895	195,118	413,276
Ontario	517,550	470,589	226,994	1,175,133
Manitoba	154,263	3,130	34,320	191,713
British Columbia				
Canada	866,076	497,614	456,432	1,820,122
Closing:				
Quebec	175,292	25,050	181,808	382,150
Ontario	658,217	591,243	220,639	1,470,099
Manitoba	161,360	4,280	31,198	196,838
British Columbia				
Canada	994,869	620,573	433,645	2,049,087

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

² 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 30. Factory Shipments, 1960 and 1961

Principal products	1960 ¹		1961	
	Quantity	Value	Quantity	Value
		\$		\$
Seat covers	No. ...	3,015,136	397,168	2,699,133
Radiator covers	"	124,107	215,871	346,084
Other covers	"			
Auto seat cushions and backs	" 328,003	961,478	312,955	1,371,794
All other accessories .....	...	6,107,744	...	5,935,271
All other products .....	...	1,829,798	...	2,741,496
Custom work and repairs .....	...	342,522	...	163,175
Total shipments .....	...	12,531,039	...	13,256,953
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above				66,404
Total shipments (adjusted)				13,190,549

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 31. Materials Used, 1960 and 1961

Principal materials	1960 ¹		1961	
	Quantity	Value	Quantity	Value
		\$		\$
Upholstering materials	yd. 534,298	1,404,173	689,620	1,701,189
Rubberized fabrics	" 203,650	249,011	259,557	311,864
Cotton	" ...	602,883	567,113	527,785
Other fabrics	" 1,267,585	1,911,242	1,145,905	1,511,082
Artificial leather	" 989,298	1,661,044	812,276	1,514,432
Leather	" 1,948	8,242	2,787	13,935
Rubber	lb. 22,755	47,421	80,910	79,352
Metal, all kinds .....	...	155,070	...	158,198
All other materials and supplies ² .....	...	1,763,785	...	1,454,386
Containers, packing and shipping materials .....	...	87,450	...	62,260
Operating, maintenance and repair supplies .....	...	143,619	...	138,921
Amount paid out to others for work done on materials owned by reporting plants .....	...	47,954	...	45,626
Total cost of materials used .....	...	8,081,894	...	7,878,389

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

² No detailed information on materials used was collected from small establishments. The total estimated value of materials used by these establishments was \$369,000 in 1960 and \$359,359 in 1961. These amounts have been included in "All other materials and supplies".

TABLE 32. Employees and their Earnings, by Provinces, 1960 and 1961

Province	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1960 ¹								
Quebec	13	12	52	108	185	181,352	313,102	494,454
Ontario	94	34	164	271	563	694,700	1,347,547	2,042,247
Manitoba	14	8	13	44	79	85,636	119,213	204,849
British Columbia								
Canada	121	54	229	423	827	961,688	1,779,862	2,741,550
1961								
Quebec	14	15	56	103	188	173,544	286,518	460,062
Ontario	93	35	177	276	581	695,433	1,512,177	2,207,610
Manitoba	14	5	21	41	81	78,866	146,612	225,478
British Columbia								
Canada	121	55	254	420	850	947,843	1,945,307	2,893,150

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 33. Production workers, by Months, 1961

Month	Establishments reporting monthly detail	
	Male	Female
	number	
January	186	360
February	182	361
March	199	354
April	214	405
May	218	373
June	248	457
July	201	318
August	205	393
September	228	484
October	220	465
November	213	446
December	202	430
Average for establishments reporting monthly detail	212	406
Average for small establishments ¹	42	14
Average for all establishments	254	420

¹ The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.

TABLE 34. Principal Statistics, grouped by Size of Establishment, 1960 and 1961

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960¹						
Under \$10,000	1	11	30,141	1,662	24,928	61,121
\$ 10,000 to \$ 24,999	3					
25,000 " 49,999	5					
50,000 " 99,999	6	36	130,037	6,574	178,503	382,390
100,000 " 199,999	4	55	143,849	3,153	308,002	592,474
200,000 " 499,999	2	227	616,091	16,305	1,702,679	2,680,285
500,000 " 999,999	3					
1,000,000 and over	4	477	1,747,882	54,512	5,777,882	8,625,910
Totals	28	827	2,741,550	84,075	8,081,894	12,531,039
1961						
Under \$10,000	2	7	18,297	1,272	17,185	45,827
\$ 10,000 to \$ 24,999	2					
25,000 " 49,999	4					
50,000 " 99,999	5	30	126,331	3,955	135,944	296,070
100,000 " 199,999	5	133	413,464	11,593	938,440	1,684,146
200,000 " 499,999	2					
500,000 " 999,999	2	656	2,271,482	60,196	6,720,852	11,014,817
1,000,000 and over	4					
Totals	26	850	2,893,150	78,443	7,878,389	13,190,549

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 35. Principal Statistics, classified according to Type of Ownership, 1960 and 1961

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960¹						
Individual ownership	7	40	122,141	4,762	183,928	366,678
Partnerships	2					
Incorporated companies	19	787	2,619,409	79,313	7,897,966	12,164,361
Totals	28	827	2,741,550	84,075	8,081,894	12,531,039
1961						
Individual ownership	6	26	84,038	3,011	116,215	238,924
Partnerships	2	824	2,809,112	75,432	7,762,174	12,951,625
Incorporated companies	18					
Totals	26	850	2,893,150	78,443	7,878,389	13,190,549

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 36. Principal Statistics, grouped by Number of Employees, 1960 and 1961

Group size	Estab- ments reporting	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1960 ¹						
Under 5	7	20	64,691	2,181	80,828	166,726
5 to 14	10	69	233,537	9,924	337,503	707,025
15 " 49	6	164	527,804	15,182	1,735,700	2,699,048
50 and over	5	574	1,915,518	56,788	5,927,863	8,958,240
Totals	28	827	2,741,550	84,075	8,081,894	12,531,039
1961						
Under 5	6	15	48,318	2,194	74,153	140,916
5 to 14	10	74	257,213	7,105	351,944	762,410
15 " 49	5	146	477,072	14,267	1,682,791	2,422,336
50 and over	5	615	2,110,547	54,877	5,769,501	9,864,887
Totals	26	850	2,893,150	78,443	7,878,389	13,190,549

¹ Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 37. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal—Imported..... ton	517	6,555
Gasoline (including gasoline used in cars and trucks) Imp. gal.	40,106	14,869
Fuel oil including kerosene or coal oil "	16,500	2,108
Natural gas M cu. ft.	2,394	2,394
Steam purchased..... pound	9,060,150	16,416
Electricity purchased kwh.	1,864,132	28,681
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	7,420
3. All establishments:		
Total cost of fuel and electricity .....	...	78,443

¹ Large establishments.

² Small establishments.

SECTION 3 C. MISCELLANEOUS TEXTILES (n.e.s.) INDUSTRY, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about certain revisions to this industry. This implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics (Table 38) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

In view of the changes to this industry effected by the implementation of the New Establishment Concept, only 1961 data have been shown throughout this section with the exception of Table 38.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of a certain table normally contained in this section of the report. It is planned to resume publication of this table in the 1962 report. The table affected is the following: List of firms.

TABLE 38. Principal Statistics of Miscellaneous Textiles (n.e.s.) Industry, 1949-61

Year and province	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments ¹
Basis: Standard Industrial Classification in use prior to 1960							
	number				dollars		
1949	135	3,012	5,361,554	199,488	15,817,146	10,452,712	26,469,346
1950	135	3,287	6,102,347	237,623	18,894,697	11,769,268	30,901,588
1951	151	3,434	6,649,961	267,938	21,524,966	13,763,012	35,555,916
1952	163	3,487	7,309,694	280,048	24,027,877	15,952,810 ²	40,260,735
1953	187	3,785	8,347,168	290,704	24,970,039	16,433,936 ²	41,694,679
1954	185	3,870	9,324,345	313,937	24,720,204	17,370,445	42,311,987
1955	187	3,984	9,556,966	341,502	25,357,904	21,097,016	46,185,223
1956	185	4,067	10,087,070	417,504	29,404,767	20,602,017	49,803,201
1957	180	3,977	10,753,747	439,199	27,458,585	23,616,527	51,054,625
1958	175	3,922	11,647,989	385,869	27,387,552	22,995,598	50,426,966
1959	166	3,983	11,626,265	371,389	28,879,173	22,259,479	51,334,314
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number				dollars		
1957	179	3,794	10,167,915	399,433	26,633,151	..	48,420,698
1958	174	3,800	11,203,912	386,363	26,188,282	22,215,198	48,733,526
1959	164	3,976	11,508,031	365,594	27,802,236	22,254,813	50,387,294
1960							
Canada	186	4,188	12,958,307	443,868	30,989,923	24,216,020	55,788,360
Nova Scotia	2	2,460	7,516,585	236,655	18,282,764	13,954,226	32,552,731
Quebec	73						
Ontario	84	1,458	4,614,670	173,581	11,018,578	9,051,733	20,288,717
Manitoba	14	108	301,136	16,033	787,921	551,918	1,337,293
Saskatchewan	1	50	150,077	2,924	192,049	145,675	344,497
Alberta	4						
British Columbia	8	112	375,839	14,675	708,611	512,408	1,245,122
1961							
Canada	187	4,645	14,377,778	474,950	36,176,613	29,924,092	66,261,092
Nova Scotia	1	2,793	8,519,614	272,410	22,148,384	17,890,013	40,284,124
Quebec	73						
Ontario	84	1,552	4,910,745	163,854	12,020,713	10,563,367	22,491,745
Manitoba	14	125	349,674	15,026	934,368	530,129	1,463,177
Saskatchewan	1	37	116,945	2,779	176,991	141,457	323,182
Alberta	3						
British Columbia	11	138	480,800	20,881	896,157	799,126	1,698,864

¹ Figures up to and including 1951 represent value of production.

² Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "Value added by manufacture".

³ The implementation of a new definition of the establishment (reporting unit) in the 1961 Census of Manufactures has resulted in certain changes and necessitated some adjustments to the statistics. In order to maintain comparability of the principal statistics for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

TABLE 39. Inventories¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: ²				
Nova Scotia.....	}	3,686,938	991,747	1,756,617
Quebec.....				
Ontario.....		2,167,881	208,455	1,570,579
Manitoba.....		72,256	9,170	13,950
Saskatchewan.....	}	69,865	1,839	1,950
Alberta.....				
British Columbia.....		125,088	2,350	38,742
Canada.....		6,122,028	1,213,561	3,381,838
Closing:				
Nova Scotia.....	}	3,872,949	974,638	1,800,409
Quebec.....				
Ontario.....		2,313,721	239,653	1,795,570
Manitoba.....		150,811	8,700	30,766
Saskatchewan.....	}	67,439	500	1,334
Alberta.....				
British Columbia.....		135,260	11,600	46,792
Canada.....		6,540,180	1,235,091	3,674,871

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

² 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 40. Factory Shipments of Miscellaneous Textiles, (n.e.s.) Industry, 1961

Principal products		Quantity	Value
			\$
Comforters, cotton.....	No.	81,347	298,505
Comforters, down.....	"	3,300	15,500
Comforters, wool.....	"	96,750	558,117
Comforters, other.....	"		
Quilted goods.....		...	2,942,388
Bedspreads, cotton ¹		2	2
Bedspreads, rayon and mixtures ¹		2	2
Curtains, cotton.....	pr.	2,889,485	2,972,528
Curtains, other.....	"		
Curtain material.....		2	2
Drapes.....		...	4,110,554
Pillows, all kinds.....	No.	580,067	933,662
Cushions.....	"	502,976	605,705
Cushion forms.....		2	2
Cushion tops.....		2	2
Pillow cases.....		2	2
Wearing apparel.....		2	1,284,092
Bath mats and sets.....		2	2
Covers, mattress.....	doz.	34,541	517,030
Covers, other.....		...	2,099,865
Pads, all kinds.....		2	1,284,487
Bags, garments.....		2	2
Bags, sleeping ¹		2	2
Bags, other.....		2	1,045,795
Fire hose.....		2	2
Muff beds.....		2	2
Handkerchiefs.....		2	2
Sheets.....	doz.	10,868	167,206
Table cloths, cotton.....	"	6,560	60,270
Table cloths, other.....		2	2
Towels.....		2	2
Pot holders.....	No.	84,900	24,600
Bufs, polishing cotton.....	"	306,275	308,904

See footnotes at end of table.

TABLE 40. Factory Shipments of Miscellaneous Textiles (n.e.s.) Industry, 1961 - Concluded

Principal Products	Quantity	Value
		\$
Waste and shoddy	lb. 1,975,101	273,722
Cheesecloth	yd. 5,904,699	599,315
Wipers and rags	lb. 21,105,686	4,575,958
Window blinds and shades		
Medical and sanitary products .....	...	15,361,613
All other products .....	...	26,429,603
Amount received for custom work and repairs .....	...	1,109,073
Total shipments .....	...	67,578,492
Less adjustments for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above		1,317,400
Total shipments adjusted		66,261,092

¹ In 1961 the preliminary shipments of bedspreads, cotton and rayon and mixtures, in all industries, were 857,661 valued at \$3,929,682.

² Included in "All other products".

³ In 1961 the preliminary shipments of sleeping bags, in all industries, were 304,278 valued at \$2,351,645.

TABLE 41. Materials Used by Miscellaneous Textiles (n.e.s.) Industry, 1961

Principal materials	Quantity	Value
		\$
Fabrics:		
Cheesecloth and gauze, broad woven	lin. yd. 18,374,496	996,965
Surgical gauze	" 23,348,005	982,605
Bandage gauze	" 2,265,314	196,626
Other cotton	" 15,744,925	4,501,676
Rayon and mixtures	" 4,547,100	2,232,300
Nylon and mixtures	" 1,178,559	949,057
Silk and mixtures	" 6,105	3,000
Linen	" 1,315,250	386,879
Dacron	" 2,922,200	1,137,270
Rubber coated fabric	" 309,835	293,443
Other coated fabrics .....	...	374,858
Plastic	lin. yd. 4,539,520	864,582
All other fabric .....	...	4,486,383
Absorbent cotton	lb. 816,421	500,943
Waste, cotton	" 4,088,389	499,838
Other waste	" 5,429,952	820,697
Kapok	" 277,060	62,663
Felt, cotton	" 460,145	162,007
Felt, wool	" 229,850	43,900
Felt, other	" 122,069	24,223
Wool	" 1,081,245	140,237
Wadding, shoddy and batts	" 4,561,431	1,080,649
Wipers, rags, etc.	" 13,586,793	1,808,813
Tapes, bindings, fringes, etc. ....	...	167,070
Lace and embroidery .....	...	153,159
Elastic .....	...	148,505
Thread, rubber	lb. 22,250	25,087
Thread, all other	" 90,666	276,874
Yarn, cotton	" 1,703,705	641,570
Yarn, other	" 583,396	524,278
Feathers and down .....	...	178,970
Leather, imitation	lin. yd. 11,619	17,124
Chemicals and compounds .....	...	509,284
All other materials and supplies ¹ .....	...	7,203,844
Packing and shipping materials .....	...	2,476,338
Operating, maintenance and repair supplies .....	...	755,578
Custom work .....	...	549,318
Total cost of materials used .....	...	36,176,613

¹ No detailed information on materials used was collected from small establishments. The total estimated value of materials used by these establishments was \$566,400 and this amount has been included in "All other materials and supplies".

TABLE 42. Employees and their Earnings, by Provinces, 1961

Province	Employees					Earnings			
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total	
	Male	Female	Male	Female					
	number					dollars			
Nova Scotia	}	389	259	786	1,359	2,793	3,216,995	5,302,619	8,519,614
Quebec		191	187	370	804	1,552	1,940,627	2,970,118	4,910,745
Ontario		20	8	41	56	125	139,343	210,331	349,674
Manitoba									
Saskatchewan	}	6	5	8	18	37	50,878	66,067	116,945
Alberta		16	10	31	81	138	209,616	271,184	480,800
British Columbia									
Canada		622	469	1,236	2,318	4,645	5,557,459	8,820,319	14,377,778

TABLE 43. Production Workers, by Months, 1961

Month	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
	number			
January	1,041	1,868		
February	1,065	1,909		
March	1,060	1,916	117	266
April	1,048	1,944		
May	1,075	1,976		
June	1,061	1,897	122	297
July	1,059	1,782		
August	1,079	1,909		
September	1,083	2,009	125	321
October	1,083	2,050		
November	1,069	1,997		
December	1,044	1,872	122	285
Average for establishments reporting monthly detail			1,066	1,932
Average for establishments reporting quarterly detail			122	295
Average for small establishments ³			48	91
Average for all establishments			1,236	2,318

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

² The number of production workers, by quarters, was collected only for medium-size establishments.

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

TABLE 44. Principal Statistics, grouped by Size of Establishment, 1961

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
Under \$10,000	18	45	68,178	1,742	36,354	108,940
\$ 10,000 to \$ 24,999	20	63	154,245	3,897	170,554	347,459
25,000 " 49,999	28	165	395,160	13,595	508,659	1,066,491
50,000 " 99,999	23	209	593,743	21,671	881,258	1,694,619
100,000 " 199,999	38,	460	1,251,405	57,133	2,910,358	5,225,834
200,000 " 499,999	36	1,029	2,768,289	73,099	7,032,425	12,017,670
500,000 " 999,999	13	656	1,945,619	66,462	6,839,349	10,309,295
1,000,000 and over	11	2,018	7,201,139	237,351	17,797,656	35,490,784
Totals	187	4,645	14,377,778	474,950	36,176,613	66,261,092

TABLE 45. Principal Statistics, classified according to Type of Ownership, 1961

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1961						
Individual ownership.....	52	316	792,025	35,787	1,280,484	2,526,694
Partnership.....	23	206	493,896	11,539	983,043	1,802,673
Incorporated companies	112	4,123	13,091,857	427,624	33,913,086	61,931,725
Totals	187	4,645	14,377,778	474,950	36,176,613	66,261,092

TABLE 46. Principal Statistics, grouped by Number of Employees, 1961

Group size	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
	number		dollars			
1961						
Under 5	52	138	366,000	16,715	794,093	1,465,463
5 to 14.....	64	560	1,598,427	60,793	3,974,117	6,766,396
15 " 49.....	54	1,470	4,015,688	115,639	10,969,691	18,800,670
50 " 99.....	11	960	2,713,924	80,904	8,247,179	13,612,037
100 " 199.....	2					
200 and over.....	4	1,517	5,683,739	200,899	12,191,533	25,616,526
Totals	187	4,645	14,377,778	474,950	36,176,613	66,261,092

TABLE 47. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines ton	1,226	14,213
(b) Imported "	130	2,209
Anthracite coal "	145	2,018
Gasoline (including gasoline used in cars and trucks) Imp. gal.	83,373	33,552
Fuel oil including kerosene or coal oil "	1,093,878	134,744
Gas:		
(a) Liquefied petroleum gases "	5,000	2,000
(b) Other manufactured gas M cu. ft.	1,880	1,505
(c) Natural gas "	128,914	44,372
Electricity purchased kwh.	13,688,869	166,585
2. Establishments reporting group detail: ²		
Cost of fuel .....	...	35,247
Cost of electricity .....	...	23,736
3. Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity .....	...	14,769
4. All establishments:		
Total cost of fuel and electricity .....	...	474,950

¹ Large establishments.² Medium-size establishments.³ Small establishments.

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