



CANADA

# COTTON YARN AND CLOTH MILLS

1961

The list of firms normally included in this report has been omitted from this issue, along with certain tables. See introductory text for details.

## ANNUAL CENSUS OF MANUFACTURES

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### SYMBOLS

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

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- P preliminary figures.
- r revised figures.

## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1961, are as follows:

### Period Covered

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

### Establishment

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

### Employees

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

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, handling, warehousing and delivery staff. Employees on new construction work, in retail or wholesale operations, on outside piece work, etc, are not included.



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

### **Salaries and Wages**

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

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included with salaries, but will be shown separately in subsequent years. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### **Cost of Fuel and Electricity**

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

### **Materials and Supplies Used**

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants or reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### **Factory Shipments**

Factory shipments generally refer to shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishment for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

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

### **Inventories**

Values represent the book value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

### **Value added by Manufacturing**

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.<sup>1</sup>

### **Standard Industrial Classification**

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

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<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

### Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.



## COTTON YARN AND CLOTH 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).

Tables 4 and 5 of this report show the 1961 gross and net shipments, respectively, of broadwoven cotton fabrics by all industries. Table 6 gives the revised net shipments of these fabrics by the industry for the years 1954 to 1960, inclusive, based on amending information received. It should also be noted that the 1960 data, given in Table 11 and in Tables 13 to 15, inclusive, 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 certain tables normally contained in this report. It is planned to resume publication of these tables in the 1962 reports. The tables affected are the following: List of firms — Imports — Exports — Capital and Repair Expenditures.



TABLE 1. Principal Statistics, 1928-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost at factory of materials used	Value added by manufacture	Value of shipments <sup>1</sup>
Basis: Standard Industrial Classification up to and including 1960							
	number		dollars				
1928 <sup>2</sup> .....	38	21,615	17,688,791	2,019,353	44,704,779	32,495,450	79,219,582
1929 <sup>2</sup> .....	36	20,221	16,671,787	1,968,069	43,133,575	33,140,121	78,241,765
1930 .....	33	16,999	13,004,793	1,627,005	27,975,574	19,090,299	48,692,878
1932 .....	35	15,092	11,684,979	1,510,756	19,158,046	17,886,568	38,555,370
1933 .....	37	16,095	11,749,286	1,813,508	26,456,914	22,909,206	51,179,628
1934 .....	36	18,106	13,768,278	1,979,009	33,132,480	26,195,001	61,306,490
1935 .....	35	18,121	13,206,265	1,876,331	33,689,873	23,812,460	59,378,664
1936 .....	35	17,910	14,218,231	1,955,949	37,042,911	26,636,505	65,635,365
1937 .....	36	19,160	16,350,956	2,069,230	42,063,654	27,980,994	72,113,878
1938 .....	37	18,049	14,639,317	1,981,861	29,902,346	25,171,408	57,055,615
1939 .....	36	19,723	16,733,206	2,578,193	35,527,356	32,279,911	70,385,460
1940 .....	37	23,616	23,110,839	3,111,019	53,958,165	46,320,684	103,389,868
1941 .....	39	26,375	27,178,142	2,997,845	69,284,679	56,138,488	128,421,012
1942 .....	40	25,796	29,304,427	3,238,546	80,629,998	58,030,976	141,899,520
1943 .....	40	23,526	28,146,211	3,095,541	80,663,290	43,121,043	126,879,874
1944 .....	41	21,900	27,865,543	3,159,409	66,948,167	46,599,735	116,707,311
1945 .....	41	21,646	28,020,333	3,027,647	66,528,980	45,126,175	114,682,802
1946 .....	41	20,662	29,090,343	2,859,753	62,495,630	44,473,067	109,828,450
1947 .....	45	24,089	35,444,413	3,212,283	99,599,159	55,460,989	158,272,431
1948 .....	47	24,813	45,955,981	3,638,827	119,738,802	80,069,272	203,446,901
1949 .....	53	25,178	49,363,696	3,626,212	124,685,279	83,073,026	211,384,517
1950 .....	51	26,967	58,220,043	4,238,517	157,835,813	95,309,562	257,383,892
1951 .....	54	27,632	58,734,833	4,049,203	172,443,466	97,158,451	273,651,120
1952 .....	57	22,969	53,705,770	3,952,725	143,584,722	78,954,978	226,492,425
1953 .....	54	23,178	55,036,540	3,977,209	132,917,545	73,326,204 <sup>3</sup>	210,220,958
1954 .....	50	19,865	49,447,295	3,719,258	119,204,720	70,729,737	194,691,131
1955 .....	50	21,537	56,411,050	4,083,766	149,561,429	77,291,220	229,684,041
1956 .....	50	21,939	59,458,812	4,224,024	144,017,345	87,365,325	236,360,054
1957 .....	50	21,095	57,180,924	4,461,061	129,817,598	..	218,732,173
1958 .....	48	19,434	53,514,574	4,422,251	124,740,866	79,580,664	210,291,534
1959 .....	46	18,204	53,313,482	4,285,497	129,837,403	83,808,549	217,912,730
1960 .....	42	16,841	53,287,430	4,161,082	121,345,889	86,150,102	209,502,785
Basis: Revised Standard Industrial Classification and New Establishment Concept <sup>4</sup>							
	number		dollars				
1957 .....	49	21,095	57,180,924	4,461,061	129,817,598	..	219,425,305
1958 .....	47	19,434	53,514,574	4,422,251	124,740,866	80,300,478	211,035,052
1959 .....	45	18,204	53,313,482	4,285,497	129,837,403	83,931,001	218,609,527
1960							
Canada .....	41	16,841	53,287,430	4,161,082	121,345,889	87,094,684	210,039,839
Quebec .....	20	12,155	39,177,217	3,041,958	90,395,991	60,893,116	153,701,201
Ontario .....	19	4,686	14,110,213	1,119,124	30,949,898	26,201,568	56,338,638
Other provinces <sup>5</sup> .....	2						
1961							
Canada .....	39	17,384	55,799,803	4,440,661	136,226,684	96,215,791	236,711,105
Quebec .....	20	12,837	42,317,902	3,344,152	102,369,889	72,530,542	178,555,857
Ontario .....	17	4,547	13,481,901	1,096,509	33,856,795	23,685,249	58,155,248
Other provinces <sup>5</sup> .....	2						

<sup>1</sup> Figures up to and including 1952 represent the value of production.<sup>2</sup> Includes oilcloths and linoleums.<sup>3</sup> Because of insufficient inventory data in 1953, this figure has been calculated from value of factory shipments and is, therefore, only approximate to true "Value added by manufacture".<sup>4</sup> 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).<sup>5</sup> Other provinces include: Nova Scotia, 1 establishment; New Brunswick, 1 establishment.



TABLE 2. Inventories,<sup>1</sup> 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: <sup>2</sup>				
Quebec .....	8,746,880	10,255,183	23,005,392	42,007,455
Ontario .....	4,323,063	2,909,779	6,272,435	13,505,277
Other provinces .....				
Canada .....	13,069,943	13,164,962	29,277,827	55,512,732
Closing:				
Quebec .....	9,610,799	10,270,917	22,678,384	42,560,100
Ontario .....	4,850,381	2,925,390	6,740,129	14,515,900
Other provinces .....				
Canada .....	14,461,180	13,196,307	29,418,513	57,076,000

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

<sup>2</sup> 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, 1961

Principal products	Quantity	Value
		\$
Broadwoven fabrics:		
All cotton <sup>1</sup> ..... lb.	143,959,393	127,564,185
sq. yd.	482,399,129	
All other fabrics .....	3,457,155	3,502,470
sq. yd.	3,457,155	
Totals .....	485,856,284	131,066,655
Woven goods:		
Tire fabrics:		
Rayon .....	13,431,674	9,538,556
Nylon .....	11,467,569	13,124,773
Other .....	67,193	71,005
Quilts, bedspreads, etc., all cotton .....	28,819	1,192,141
Pillowslips and sheets .....	...	11,068,892
Towels:		
Terry .....	1,254,797	6,287,443
Plain .....	503,179	1,130,890
Huck .....	5,979	76,861
Terry bath mats .....	1,517,675	1,611,829
Terry face cloths .....	...	...
Other terry woven goods .....	...	...
Blankets (including crib) .....	...	9,357,012
Towelling <sup>3</sup> .....	...	53,459,402
Other woven goods .....	...	...
Total woven goods .....	...	...
Yarns spun for sale:		
All cotton:		
Grey knitting .....	16,787,269	12,526,601
" other singles .....	15,058,051	8,992,277
" other plied .....	15,116,163	9,958,011
Coloured, knitting .....	3,729,764	3,899,680
" other .....	1,776,337	1,674,395
Bleached, knitting .....	...	...
" other .....	...	...
All other .....	...	...
Cotton and wool mixed:		
Grey .....	93,976	113,365
Bleached and coloured .....	...	...
Spun rayon .....	3,927,500	4,368,519
Mixtures with spun rayon .....	...	...
All other yarns .....	...	...

See footnotes at end of table.

TABLE 3. Factory Shipments, 1961 — Concluded

Principal products	Quantity	Value
		\$
Wrapping twine .....	lb. } 4,984,715	3,976,483
Other twines, lines, rope and cordage .....	" }	
Cotton waste sold .....	" 23,928,666	2,132,076
All other products .....	...	4,019,021
Custom-processing receipts .....	...	641,157
<b>Total value of shipments</b> .....	...	<b>236,827,642</b>
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above .....		116,537
<b>Total value of shipments (adjusted)</b> .....		<b>236,711,105</b>

<sup>1</sup> It should be noted that in 1961 a total of 161,397,960 square yards of grey cotton went to other mills for further processing.

<sup>2</sup> Included in "Other woven goods".

<sup>3</sup> See footnote 2, Table 5.

TABLE 4. Shipments of Broadwoven Cotton Fabrics, by all Industries, 1961

Item	Quantity	Value
	Square yards	\$
Grey .....	271,181,517	57,180,157
Bleached .....	33,494,863	10,372,338
Piece dyed .....	74,355,025	28,535,716
Printed and painted .....	} 105,515,039	32,620,974
Yarn and stock dyed .....		
<b>Gross shipments</b> .....	<b>484,546,444</b>	<b>128,709,185</b>

TABLE 5. Breakdown, by Construction, of Broadwoven Cotton Fabric Shipments, by all Industries, 1961<sup>1</sup>

Item	Square yards	Item	Square yards
1. Corduroy .....	3,717,034	12. Denim .....	<sup>3</sup>
2. Bedsheeting .....	} 11,346,023	13. Flannels and flannelettes (napped)....	<sup>3</sup>
3. Pillow cotton .....		14. Cottonade, pants covers .....	} 185,926,609
4. Towelling <sup>2</sup> .....	<sup>3</sup>	15. Yarn dyed ticking .....	
5. Fine yarn fabrics (chiefly combed) .....	9,550,993	16. Other yarn dyed .....	
6. Broadcloth, carded .....	10,688,892	17. Drapery and slip cover fabrics .....	
7. Print cloth types .....	<sup>3</sup>	18. Upholstery fabrics .....	
8. Ounce ducks .....	9,847,480	19. Tobacco and cheese cloth .....	
9. All other ducks and allied fabrics .....	9,992,560	20. Other carded yarn fabrics .....	
10. Coarse goods and industrial sheetings .....	51,445,397		
11. Drills and twills .....	30,633,496	<b>Net shipments</b> .....	<b>323,148,484<sup>4</sup></b>

<sup>1</sup> Includes grey, bleached, printed and painted, piece dyed and stock dyed fabrics less duplicating figures of 161,397,960 square yards. See table 4.

<sup>2</sup> In addition to the towelling reported under Broadwoven Fabrics, shipments of other towelling were reported under "Other woven goods". Total factory shipments of towelling were 6,540,756 yards.

<sup>3</sup> Included in all other total of 185,926,609 square yards.

<sup>4</sup> Of this total 26,473,187 square yards were produced from imported cotton fabrics.

TABLE 6. Net shipments of Broadwoven Cotton Fabrics, 1954-1960

Year	Net shipments	
	Original shipments	Revised shipments <sup>1</sup>
	linear yards	
1954 .....	249,844,750	264,247,535
1955 .....	297,307,315	313,090,377
1956 .....	294,933,890	311,937,636
1957 .....	280,741,081	299,896,241
1958 .....	263,887,968	283,426,662
1959 .....	255,650,722	273,093,291
1960 .....	246,619,138	260,748,715

<sup>1</sup> The net shipment figures have been revised upwards as a result of amending information received. As stated in the report preface, these revisions apply to the industry data.

TABLE 7. Total Yarns Spun, 1961

	Pounds		
	Under 20's	20's to 39's	40's and finer
All cotton .....	86,410,013	57,405,356	6,405,916
All other .....	4,505,836	855,551	11,640
<b>Totals</b> .....	<b>90,915,849</b>	<b>58,260,907</b>	<b>6,417,556</b>

**Note:** Includes yarn spun for sale as given in Table 3, and yarn spun for use in the establishment reporting, or as custom work.

TABLE 8. Materials Used, 1961

Principal materials	Quantity	Value
		\$
<b>Fibres:</b>		
Cotton raw .....	172,430,847	45,965,283
Cotton waste .....	9,821,155	1,823,376
Wool, raw, wool-tops, waste, etc. ....	654,196	815,753
Rayon staple fibre .....	1,662,532	469,505
All other fibres .....	2,054,690	826,766
<b>Yarns, Canadian, not made by plant reporting:</b>		
All cotton:		
Grey .....	12,811,374	7,032,835
Coloured .....	4,315	4,081
Bleached .....	171,806	138,985
Mercerized .....	36,369	45,125
Cotton and wool mixed:		
Grey .....	—	—
Synthetic (continuous filament) .....	24,198,416	18,794,520
Spun rayon (including spun rayon mixtures) .....	239,756	185,049
Lurex .....	1,461	8,246
Other .....	123,051	225,002
<b>Yarns, imported:</b>		
Grey cotton .....	2,911,155	2,021,175
Bleached, mercerized and coloured cotton .....		
Synthetic (continuous filament) .....		
Other yarns .....		



TABLE 8. Materials Used, 1961 - Concluded

Principal materials	Quantity	Value
		\$
Fabrics, Canadian, not made by plant reporting:		
All cotton, grey ..... lb.	48,287,193	} 29,827,753
Other ..... sq. yd.	161,397,960	
	..	927,019
Fabrics, imported:		
All cotton ..... lb.	7,887,195	} 6,074,857
Other ..... sq. yd.	26,473,187	
	..	29,620
Thread:		
Cotton ..... lb.	29,076	44,446
Other ..... "	69,468	190,312
→ Starch and sizing materials ..... lb.	11,633,933	1,341,580
Chemicals, dyestuffs and oils .....	...	6,341,077
Spools, tubes and cones of paper .....	...	468,180
All other materials and supplies .....	...	2,085,313 <sup>1</sup>
Processing and finishing by other mills .....	...	912,817
Packing and shipping materials .....	...	2,139,909
Operating, maintenance and repair supplies .....	...	7,488,100
<b>Total</b> .....	...	<b>136,226,684</b>

<sup>1</sup> No detailed information on materials used was collected from small establishments. The total estimated value of materials used by these establishments was \$103,000 and this amount has been included in "all other materials".

TABLE 9. Factory Shipments of Blankets, Baby Blankets and Auto Rugs, by All Industries, 1961<sup>P</sup>

	Wool		Other	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Blankets: <sup>1</sup>				
Fancy coloured and white blankets, satin bound, including all coverlets, throws etc. ....	135,143	1,040,739	1,241,205	3,791,290
White blankets, whipped ends .....	16,527	127,361	17,731	86,784
Grey blankets, whipped ends .....	30,012	117,641	67,416	180,151
Other coloured blankets, whipped ends .....	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	<sup>2</sup>
			Wool and other	
			No.	\$
All other blankets, including shells for electric blankets .....			415,035	2,041,211
Baby blankets .....			1,917,778	1,536,648
Auto rugs .....			41,539	221,441
<b>Total shipments</b> .....			...	<b>9,143,266</b>

<sup>1</sup> Excluding flannelette (all cotton) sheets, all types.

<sup>2</sup> Included in "All other blankets".

TABLE 10. Total Canadian Factory Shipments of Cotton Broadwoven Fabrics,<sup>1</sup> 1955 - 61

	Pounds	Linear yards (see col. 4)	Value	A significant part of the yardage shown in col. 2 went to other mills for further processing as follows: <sup>2</sup>
			\$	
Unbleached or grey:				
1955 .....	76,670,130	229,168,347	54,144,870	122,252,219 <sup>f</sup>
1956 .....	77,459,324	214,923,209	56,059,370	118,412,925 <sup>f</sup>
1957 .....	71,867,840	200,079,297	49,910,435	99,688,524 <sup>f</sup>
1958 .....	67,090,877	191,880,164	47,022,920	90,652,544 <sup>f</sup>
1959 .....	69,454,628	194,957,482	48,940,894	96,775,797 <sup>f</sup>
1960 .....		202,382,524		106,809,890 <sup>f</sup>
		Square yards		
1960 .....	..	229,179,023	49,354,614	
1961 .....	82,410,636	271,181,517	57,180,157	161,397,960
	Pounds	Linear yards	Value	
			\$	
Bleached or white:				
1955 .....	10,697,736	37,575,547	11,390,718	
1956 .....	13,237,875	42,297,046	13,998,847	
1957 .....	11,903,071	38,270,542	12,459,318	
1958 .....	10,926,314	35,301,955	10,795,673	
1959 .....	,	,	,	
1960 .....		34,005,915		
		Square yards		
1960 .....	..	37,046,397	11,417,575	
1961 .....	9,025,760	33,494,863	10,372,338	
		Linear yards		
Piece dyed:				
1955 .....	29,688,252	95,922,208	34,030,633	
1956 .....	24,380,012	75,810,196	26,619,761	
1957 .....	22,119,899	70,727,389	23,953,290	
1958 .....	20,708,035	66,698,318	22,924,481	
1959 .....	21,673,632	71,445,461	24,598,571	
1960 .....		67,548,625		
		Square yards		
1960 .....	..	74,605,467	28,091,094	
1961 .....	22,192,159	74,355,025	28,535,716	

<sup>1</sup> The yarn and stock dyed and the printed and painted series, previously shown in this table, have been discontinued since the data are confidential from 1955 onwards.

<sup>2</sup> Linear yardage 1955-60 inclusive: square yardage, 1961.

<sup>3</sup> Figures are confidential.

TABLE 11. 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 <sup>1</sup>								
Quebec .....	1,618	674	7,157	2,706	12,155	10,463,292	28,713,925	39,177,217
Ontario .....	318	195	2,493	1,680	4,686	2,390,577	11,719,636	14,110,213
Other provinces .....								
Canada .....	1,936	869	9,650	4,386	16,841	12,853,869	40,433,561	53,287,430
1961								
Quebec .....	1,651	672	7,698	2,816	12,837	10,804,156	31,513,746	42,317,902
Ontario .....	280	146	2,369	1,752	4,547	1,979,437	11,502,464	13,481,901
Other provinces .....								
Canada .....	1,931	818	10,067	4,568	17,384	12,783,593	43,016,210	55,799,803

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

TABLE 12. Production Workers by Months, 1961

Month	Male	Female
	number	
January .....	9,732	4,284
February .....	9,759	4,355
March .....	9,813	4,344
April .....	9,815	4,392
May .....	9,840	4,467
June .....	9,900	4,476
July .....	9,939	4,428
August .....	10,169	4,700
September .....	10,462	4,860
October .....	10,513	4,918
November .....	10,569	4,902
December .....	10,250	4,674
Monthly average <sup>1</sup> .....	10,067	4,568

<sup>1</sup> 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 13. Principal Statistics, grouped according to 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 <sup>1</sup>						
Under \$25,000 .....	1	21	31,500	2,400	45,000	92,843
\$ 25,000-\$ 49,999 .....	1					
50,000- 99,999 .....	1					
100,000- 199,999 .....	1	347	988,984	40,733	1,636,648	3,077,622
500,000- 999,999 .....	4					
1,000,000- 4,999,999 .....	21					
5,000,000 and over .....	13	11,292	34,754,510	3,037,651	91,362,427	153,080,414
Head offices .....	...	747	4,221,624	...	...	...
Totals .....	42	16,841	53,287,430	4,161,082	121,345,889	209,502,785

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



TABLE 13. Principal Statistics, grouped according to Size of Establishments, 1960 and 1961 - Concluded

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value of shipments
1961	number		dollars			
Under \$25,000	1	49	91,147	6,775	103,000	244,441
\$ 25,000-\$ 49,999	2					
50,000- 99,999	-					
100,000- 199,999	1	329	853,778	39,046	1,839,179	3,164,583
500,000- 999,999	4					
1,000,000- 4,999,999	17					
5,000,000 and over	14	12,026	38,025,016	3,519,237	109,815,956	186,602,411
Head offices	...	759	4,439,940	...	...	...
Totals	39	17,384	55,799,803	4,440,661	136,226,684	236,711,105

TABLE 14. Principal Statistics, classified according to Type of Ownership, 1960 and 1961

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value of shipments
1960 <sup>1</sup>	number		dollars			
Individual ownership	2	24	48,585	2,400	909,395	1,115,288
Partnership	2					
Incorporated companies	38	16,817	53,238,845	4,158,682	120,436,494	208,387,497
Totals	42	16,841	53,287,430	4,161,082	121,345,889	209,502,785
1961						
Individual ownership	2	21	31,612	2,275	42,000	96,888
Partnership	1					
Incorporated companies	36	17,363	55,768,191	4,438,386	136,184,684	236,614,217
Totals	39	17,384	55,799,803	4,440,661	136,226,684	236,711,105

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

TABLE 15. 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
1960 <sup>1</sup>	number		dollars			
Under 5 employees	2	24	48,585	2,400	909,395	1,115,288
5 to 14 "	2					
15 " 49 "	3					
50 " 99 "	5	367	1,037,137	50,473	3,100,767	4,973,415
100 " 199 "	6	750	2,328,026	300,224	7,407,911	11,323,274
200 " 499 "	13	4,260	12,495,235	909,724	24,450,511	47,722,022
500 " 999 "	7	4,858	15,101,320	1,305,927	35,045,814	60,984,015
1,000 and over	4	5,738	17,758,976	1,555,630	48,654,389	80,813,791
Head offices	...	747	4,221,624	...	...	...
Totals	42	16,841	53,287,424	4,161,082	121,345,889	209,502,785
1961						
Under 5 employees	1	24	48,318	2,275	662,680	891,446
5 to 14 "	3					
15 " 49 "	3					
50 " 99 "	3	224	304,671	44,967	1,697,860	2,507,853
100 " 199 "	6	859	650,995	23,926	1,707,028	3,095,125
200 " 499 "	12	4,225	2,435,689	313,662	9,024,770	13,204,102
500 " 999 "	7	4,225	12,228,859	880,734	26,817,789	48,688,891
1,000 and over	4	5,128	16,374,586	1,400,384	40,878,084	70,650,079
Head offices	...	759	19,316,765	1,774,713	55,438,473	97,673,609
Totals	39	17,384	55,799,803	4,440,661	136,226,684	236,711,105

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

TABLE 16. Machinery, Equipment and Spinning Hours, 1961

	Number	
Cards in place .....	3,927	
Combers .....	106	
Spindles in place:		
Spinning (frame) .....	780,942	
Twisting and doubling .....	106,131	
Braiders .....	148	
	Automatic	Non- automatic
	number	
Looms in place:		
From 28 to 32 inches wide .....	283	—
" 33 to 36 " " .....	20	—
" 37 to 41 " " .....	3,814	1
" 42 to 46 " " .....	3,412	—
" 47 to 68 " " .....	3,168	13
" 69 to 90 " " .....	1,537	34
More than 90 " " .....	411	11
Total looms in place .....	12,645	59
Narrow fabric looms .....	255	41
Jacquard machines in place on above looms .....	310	8
Dobbies in place on above looms .....	918	—
	Number	
Possible spinning spindle hours for the year, estimated on a normal single shift basis:		
Frame .....	1,525,805,739	
Actual spinning spindle hours during the year:		
Frame .....	3,663,022,073	

TABLE 17. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal:		
(a) From Canadian mines .....	ton 95,035	1,041,993
(b) Imported .....	" 14,814	158,469
Anthracite coal .....	" 5,666	63,147
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 12,492	5,442
Fuel oil including kerosene or coal oil .....	" 6,598,260	495,156
Gas (a) Liquefied petroleum gases .....	" 184,023	45,329
(b) Natural gas .....	M. cu. ft. 344	644
Other fuel .....	... ..	369
Electricity purchased .....	kwh. 365,310,347	2,439,044
Steam purchased .....	pound 151,521,899	184,293
2. Estimate for establishments for which no data were collected: <sup>2</sup>		
Cost of fuel and electricity .....	...	6,775
3. All establishments:		
Total cost of fuel and electricity .....	...	4,440,661

<sup>1</sup> Large establishments<sup>2</sup> Small establishments