



WOOL MILLS 1961

Formerly Woollen Mills

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

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

February 1964
6521-607

Price: 50 cents

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.
- ^r revised figures.
- ^p 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.

WOOL MILLS

1961

SECTION 1. WOOL MILLS, 1961

For the 1961 survey year, the Bureau implemented a New Establishment Concept, bringing about certain revisions to this industrial group. 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 of this group (Table 2) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

The implementation of the Revised Standard Industrial Classification in the 1960 survey changed the composition of this group, restricting it to Wool Yarn Mills and Wool Cloth Mills, and also brought about changes to these two industries. Since changes were also made to these two industries between the 1960 and 1961 surveys by the implementation of the New Establishment Concept, only 1961 data have been shown throughout the three sections of this report with the general exception of the three principal statistics tables. This restriction does not, however, apply to the all-industry data presented in Tables 6 to 8, inclusive, of this section, whereas the similar table covering all-industry shipments of blankets, etc., in detail, Table 5, has been restricted to preliminary 1961 data in view of a change made between 1960 and 1961 in the nature of the individual commodity information collected. It should also be noted that the other tables in this section of the report all reflect the changes in the 1961 composition of this industrial group. Finally, there was a change in the title of this group from Woollen Mills in 1960 to Wool Mills in 1961.

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 in this section are the following: Imports - Exports.

TABLE 1. Location of Wool Mills, 1961

Provinces	Wool yarn mills	Wool cloth mills	All wool mills
Canada	26	55	81
Prince Edward Island	2	—	2
Nova Scotia	1	—	1
New Brunswick	2	6	8
Quebec	7	25	32
Ontario	14	20	34
Manitoba	—	2	2
British Columbia	—	2	2

TABLE 2. Principal Statistics of Wool Mills, 1957-61

Year and province	Estab-lish-ments	Em-employees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments
Basis: Standard Industrial Classification in use prior to 1960							
	number				dollars		
1957	102	9,150	23,873,042	1,768,741	52,548,540	34,063,051	89,068,031
1958	93	7,411	20,639,162	1,565,584	42,429,804	31,102,838	75,650,589
1959	92	7,792	22,397,499	1,624,369	47,903,273	36,779,330	85,375,002
Basis: Revised Standard Industrial Classification and New Establishment Concept¹							
	number				dollars		
1957	100	9,311	25,298,927	1,864,009	53,008,421	..	94,058,926
1958	91	7,693	22,070,587	1,628,721	43,503,313	37,100,120	81,606,291
1959	90	8,071	24,342,802	1,714,452	48,066,447	41,672,559	90,142,693
1960							
Canada	86	8,045	25,131,404	1,805,294	50,085,516	41,635,244	92,804,692
Wool yarn mills	30	2,004	6,044,056	368,965	16,056,504	10,200,273	26,202,446
Wool cloth mills	56	6,041	19,087,348	1,436,329	34,029,012	31,434,971	66,602,246
Atlantic Provinces	11	185	404,115	41,032	576,759	626,526	1,211,413
Quebec	36	3,611	11,788,280	870,605	25,030,053	19,694,494	45,280,881
Ontario	35	4,062	12,328,053	844,165	23,613,378	20,414,435	44,542,106
Manitoba	2	187	610,956	49,492	865,326	899,789	1,770,292
British Columbia	2						
1961							
Canada	81	8,012	25,170,055	1,674,034	50,392,599	41,771,642	92,473,191
Wool yarn mills	26	1,927	5,694,926	358,130	14,165,175	9,422,042	24,030,189
Wool cloth mills	25	6,085	19,475,129	1,315,904	36,227,424	32,349,600	68,443,002
Atlantic Provinces	11	262	406,964	33,198	438,659	541,471	1,046,789
Quebec	32	3,234	10,923,638	682,400	22,506,274	18,835,372	40,818,323
Ontario	34	4,319	13,208,127	906,983	26,690,050	21,475,107	48,978,139
Manitoba	2	197	631,326	51,453	757,616	919,692	1,629,940
British Columbia	2						

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 3. Inventories,¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:²				
Atlantic provinces	187,917	15,291	184,107	387,315
Quebec	4,561,146	4,245,944	2,050,138	10,857,228
Ontario	4,881,615	3,267,997	4,675,972	12,825,584
Manitoba	328,808	203,546	94,710	627,064
British Columbia				
Canada	9,959,486	7,732,778	7,004,927	24,697,191
Closing:				
Atlantic provinces	168,446	29,685	136,252	334,383
Quebec	5,577,591	5,192,811	2,308,994	13,079,396
Ontario	5,650,571	3,727,437	4,310,533	13,688,541
Manitoba	312,890	279,832	117,245	709,967
British Columbia				
Canada	11,709,498	9,229,765	6,873,024	27,812,287

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 4. Factory Shipments of Wool Mills, 1961

Principal products	Quantity	Value
		\$
Woven fabrics (wool or containing wool): ¹		
Suitings, dress goods, overcoatings and cloakings:		
All wool, woollen	28,755,050	42,904,852
All wool, worsted		
Wool and rayon mixtures		
Wool and nylon mixtures		
Wool and polyester mixtures		
Other wool mixtures		
Upholstery and other furnishing and industrial fabrics containing wool	125,906	449,004
All other fabrics	434,909	580,850
Paper-makers' felts, wool or containing wool .....	...	1
Woven goods:		
Blankets, all types, including crib ² (singles)	No. 661,527	3,136,221
Motor robes (auto rugs)	" 39,036	215,741
Yarns for sale: ⁴		
Woollen:		
Weaving	lb. 303,368	420,372
Machine knitting	" 3,291,581	7,431,965
Hand knitting	" 2,314,466	2,680,520
Carpet	"	
Worsted, oil spun:		
Weaving	"	1
Machine knitting	lb. 3,633,680	7,937,331
Hand knitting	"	
Worsted, dry spun:		
Knitting	" 1,752,602	4,256,586
All other yarns	" 1,990,194	3,338,328
Wool waste	" 817,819	211,014
Wool noils .....	...	1
Balls and rolls .....	...	1
All other products .....	...	13,957,505
Custom work and commission .....	...	2,025,918
Dyeing and finishing, etc. ....	...	1,636,024
Intercompany transfers .....	...	1,303,466
Total shipments .....	...	92,485,697
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above		12,506
Total shipments (adjusted)		92,473,191

¹ For shipments of wool woven fabrics in all industries, see Table 6.² Included in "All other products". The shipments of paper-makers' felts, wool or containing wool, in all industries in 1961 were 3,715,492 pounds valued at \$14,264,189.³ For shipments of blankets in all industries, see Table 5.⁴ For total yarns spun, whether for sale, for own use, or on commission, see Table 9.TABLE 5. Shipments of Blankets, Baby Blankets and Auto Rugs, in All Industries, 1961²

	Wool		Other	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Blankets: ¹				
Fancy coloured and white blankets, satin bound, including all coverlets, throws, etc.	135,143	1,040,739	1,241,205	3,856,419
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				
All other blankets, including shells for electric blankets			415,035	1,749,745
Baby blankets			1,917,778	1,762,985
Auto rugs			41,539	221,441
Total shipments			3,882,386	9,143,266

¹ Excluding flannelette (all cotton) sheets, all types.² Included in "All other blankets".

TABLE 6. Shipments of Wool Woven Fabrics in All Industries, 1960 and 1961^P

	1960		1961	
	Quantity	Value	Quantity	Value
	sq. yds.	\$	sq. yds.	\$
Suitings, dress goods, overcoatings and cloakings: ¹				
All wool, woollen	10,662,656	13,496,667	8,341,295	11,536,252
All wool, worsted	9,128,666	18,008,962	10,897,303	19,467,104
Woollen and worsted mixed	383,017	509,399	²	²
Cotton warp, woollen	6,040,713	7,149,737	3,835,757	4,351,821
Wool and rayon mixtures	1,346,111	1,348,635	1,656,942	1,516,830
Wool and nylon mixtures			1,126,211	2,124,751
Wool and polyester mixtures	2,843,338	4,702,131	5,621,055	6,384,838
Other wool mixtures				
Total shipments.....	30,404,501	45,215,531	31,478,563	45,381,596

¹ For a more detailed breakdown of these items, see Table 7.² Included in "Other wool mixtures" as this information was not collected separately in the year in question.TABLE 7. Supplementary Breakdown of Wool Woven Fabrics, in all Industries, 1960 and 1961^P

	1960				1961			
	Suiting	Dress goods	Cloaking	Overcoating	Suiting	Dress goods	Cloaking	Overcoating
	square yards							
All wool, woollen	3,643,941	1,545,710	2,388,084	3,084,921	2,561,498	2,206,931	2,116,242	1,456,624
All wool, worsted	8,428,493	649,819	50,354	—	9,804,555	833,904	258,844	—
Woollen and worsted	52,466	318,403	7,736	4,392	¹	¹	¹	¹
Cotton warp woollen	1	1	1	1	1,430,388	1,012,930	1,108,957	283,462
Wool and rayon mixtures	1	1	1	1	52,588	1,189,796	414,558	—
Wool and nylon mixtures	1	1	1	1	1,126,211	—	—	—
Wool and polyester mixtures	1	1	1	1	1,283,939	599,734	1,778,902	1,958,480
Other wool mixtures	6,148,758	1,007,067	1,834,346	1,239,991	—	—	—	—
Totals	18,273,678	3,520,999	4,280,520	4,329,304	16,259,179	5,843,295	5,677,503	3,698,586

¹ Included in "Other wool mixtures" as this information was not collected separately in the year in question.TABLE 8. Shipments of Wool Cloth, Worsted Cloth and Wool Blankets in All Industries, 1953-61^P

Year	Woollen cloth, all wool		Woollen cloth, worsted		Wool blankets ¹	
	Quantity	Value	Quantity	Value	Quantity	Value
	sq. yds.	\$	sq. yds.	\$	sq. yds.	\$
1953	14,931,172	22,560,776	7,740,474	18,140,117	2,003,080	3,722,842
1954	12,495,852	19,277,494	6,499,491	14,677,821	1,804,101	3,729,567
1955	17,365,592	21,822,283	8,145,217	17,310,703	1,766,016	3,231,527
1956	14,166,626	21,069,385	7,285,966	15,220,354	1,796,872	3,513,495
1957	12,051,663	18,257,409	7,055,975	15,652,450	1,792,979	3,149,195
1958	9,068,471	13,710,861	6,565,912	13,003,870	1,144,283	2,188,638
1959	11,907,454	15,231,910	9,537,153	17,663,423	1,086,215	2,213,403
1960	10,662,656 ^r	13,496,667 ^r	9,128,666	18,008,962	817,176 ^r	1,822,655 ^r
					number	
1961	8,341,295	11,536,252	10,897,303	19,467,104	242,439	1,671,597

¹ Beginning in 1961, blanket shipments were reported by number only and not by weight.

TABLE 9. Total Yarn Spun in 1961 Whether Produced for Own Use, for Sale or on Commission

	Worsted, oil	Worsted, dry	Woollen	Cotton	Spun rayon and mixtures	Other
	pounds					
Carpet weaving	120,805	—	2,314,466	—	302,750	298,279
Other weaving	4,579,781	110,000	11,230,648	—	52,255	—
Machine knitting	3,833,606	2,120,347	2,036,734	1,355,198	—	156,644
Hand knitting	1,097,469	—	371,692	—	5,046	403,525
Other	—	—	35,465	4,776	—	—
Totals	9,631,661	2,230,347	15,989,005	1,359,974	360,051	858,448

TABLE 10. Materials Used in Wool Mills, 1961

Principal materials	Quantity	Value
		\$
Fibres:		
Cotton, raw	lb. 1,646,400	493,920
Cotton, waste	" 17,078	4,698
Rayon tops	" 535,592	304,949
Rayon staple fibre	" 1,317,766	444,618
Rayon waste	" 384,719	101,948
Nylon	" 1,834,862	1,885,857
Orlon	" 1,534,661	1,860,745
Other synthetic fibres	"	396,378
Wool:¹		
Canadian grown (clean):		
Finer than 60's	lb. 213,028	176,397
60's	" 459,452	400,565
58's	" 1,002,259	862,302
56's	" 523,773	378,032
Coarser than 56's	" 1,408,839	1,026,645
Imported (clean):		
Finer than 60's	" 3,202,219	2,411,437
60's	" 366,620	300,566
58's	" 1,030,800	789,214
56's	" 313,020	208,427
Coarser than 56's	" 6,042,744	4,548,968
Wool nolls:		
Merino (60's or finer)	" 952,132	986,647
Crossbred (coarser than 60's)	" 61,436	46,094
Wool tops:		
Merino (60's or finer)	" 5,560,591	7,047,525
Crossbred (coarser than 60's)	" 2,222,792	2,247,242
Dry or French	" 1,174,055	1,526,013
Broken or cut	" 182,280	197,384
Re-worked or re-processed, wool or part wool	" 802,237	389,323
Waste, wool or part wool	" 902,782	243,967
Alpaca, vicuna, camel and other animal hair	" 446,290	507,962
Rags, clippings, etc.	" 2,252,938	782,723
Other raw stock	" 85,816	58,581
Yarns:		
Cotton	" 1,689,171	1,177,032
Mercerized cotton	" 1,823	2,688
Cotton and wool blends	" 9,430	4,244
Nylon, spun	" 98,391	221,400
Nylon, filament	" 211,863	402,314
Rayon, spun	" 138,412	112,091
Rayon, filament	" 3,580	3,429
Synthetic, other	" 41,504	73,805
Worsted (combed), oil spun:		
Merino (60's or finer)	" 1,218,777	2,488,303
Crossbred (coarser than 60's)	" 36,345	61,780
Blends	" 348,404	813,297
Worsted (combed), dry spun:		
All wool	" 845,061	1,664,035
Blends	" 294	251
Carded or woollen spun	" 91,803	149,536
All other	"	884,206
Fabrics:		
Burlap	yd. 500	115
Threads, all kinds	"	14,982
Ribbons	"	129,834
Dyestuffs, chemicals, etc.	"	2,458,262
Soaps	lb. 241,070	76,862
Oils	"	198,910
All other materials and supplies ²	"	1,595,282
Packing and shipping materials	"	568,652
Operating, maintenance and repair supplies	"	2,516,819
Processing and finishing by other mills	"	4,145,343
Total cost of materials used	"	50,392,599

¹ Canadian and imported wool may be classified as follows for the year 1961:

Clean pounds equivalents	Greasy	Scoured or carbonized	Pulled or slipped
Canadian grown	1,006,890	2,481,455	119,006
Imported	4,333,210	6,298,624	323,569

² No detailed information on materials used was collected from small establishments. The total estimated value of materials used by these establishments was \$842,000, and this amount has been included in "All other materials and supplies".

TABLE 11. 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		
Atlantic Provinces	7	1	36	29	73	58,124	110,013	168,137
Quebec	301	117	2,076	740	3,234	2,139,952	8,783,686	10,923,638
Ontario	318	210	1,882	1,909	4,319	2,549,103	10,659,024	13,208,127
Manitoba	27	19	95	245	386	220,909	649,244	870,153
British Columbia								
Canada	653	347	4,089	2,923	8,012	4,968,088	20,201,967	25,170,055

TABLE 12. Production Workers, by Months, 1961

Month	Male	Female
	number	
January	3,888	2,830
February	3,924	2,820
March	3,911	2,757
April	3,928	2,783
May	4,081	2,871
June	4,223	2,972
July	4,229	2,982
August	4,258	2,981
September	4,182	3,000
October	4,177	3,015
November	4,114	3,067
December	4,115	2,965
Monthly averages ¹	4,089	2,923

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 13. Mechanical Equipment in Wool Mills, 1961

	Wool yarn	Wool cloth
	number	
Sets of cards:		
Rag pickers	2	22
Garnetts	—	10
Shoddy	—	7
Worsted	—	3
Woollen-tape condenser	9	155
Woolen-ring doffer	9	23
Cotton	44	—
Width of cards:		
40 inches and under	46	22
41 inches to 49 inches	10	36
50 inches to 59 inches	—	—
60 inches	6	134
Over 60 inches	2	28

TABLE 13. Mechanical Equipment in Wool Mills, 1961 — Concluded

	Wool yarn	Wool cloth
	number	
Spindles:		
Mules spinning:		
Woolen	1,704	13,568
Worsted—Oil	540	—
Dry	—	—
Cotton	—	—
Ring spinning:		
Woolen	2,220	25,349
Worsted—Oil	16,022	23,296
Dry	10,480	2,040
Cotton	8,088	—
Cap spinning:		
Woolen	—	—
Worsted—Oil	12,048	5,720
Dry	—	—
Cotton	—	—
Flyer spinning:		
Woolen	—	24
Worsted—Oil	4,848	1,000
Dry	—	108
Cotton	—	—
Number of frames:		
Woolen	18	235
Worsted—Oil	142	122
Dry	40	10
Cotton	39	—
Doubling and twisting spindles	15,576	15,703
Looms:		
Flat, manual, 4 x 4:		
Up to 50 inches reed space	—	2
51 inches to 70 inches reed space	—	—
71 " " to 83 " " " "	—	64
84 " " to 95 " " " "	—	74
96 " " and over " "	—	41
Flat, manual, other:		
Up to 50 inches reed space	—	—
51 inches to 70 inches reed space	—	1
71 " " to 83 " " " "	—	3
84 " " to 95 " " " "	—	—
96 " " and over " "	—	29
Flat, automatic, 4 x 1:		
Up to 50 inches reed space	—	—
51 inches to 70 inches reed space	—	—
71 " " to 83 " " " "	—	470
84 " " to 95 " " " "	—	407
96 " " and over " "	—	105
Flat, automatic, other:		
Up to 50 inches reed space	—	—
51 inches to 70 inches reed space	—	98
71 " " to 83 " " " "	—	77
84 " " to 95 " " " "	—	125
96 " " and over " "	—	8
Flat, hand:		
Up to 50 inches reed space	—	1
51 inches to 70 inches reed space	—	10
71 " " to 83 " " " "	—	—
84 " " to 95 " " " "	—	8
96 " " and over " "	—	74
Wool combs—noble	3	12
Wool combs—other	1	—
Scouring machines	3	17
Raw stock carbonizing machines	—	3

SECTION 2. WOOL YARN MILLS, 1961

In view of the changes made to this industry in the 1961 survey, outlined in the preface to Section 1 of this report, only 1961 industry data have been presented throughout this section with the exception of Table 14 covering principal statistics. These 1961 data all reflect the changes in the composition of this industry, brought about by the implementation of 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 in this section are the following: List of firms—Capital and Repair Expenditures.

TABLE 14. Principal Statistics, 1929-61

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		
1929	27	1,825	1,281,074	105,475	3,962,096	2,959,671	7,027,242
1930	26	1,568	1,063,196	117,973	2,924,001	2,283,176	5,089,204
1931	28	1,550	1,122,592	91,624	2,209,645	2,246,480	4,547,749
1932	29	1,755	1,210,169	106,642	2,411,436	2,074,941	4,593,019
1933	33	2,362	1,642,733	161,019	3,834,122	3,121,762	7,116,903
1934	34	2,464	1,700,598	173,018	4,671,476	3,029,220	7,873,714
1935	34	2,626	1,909,168	198,357	4,986,518	3,462,866	8,647,741
1936	34	2,979	2,136,158	222,891	5,924,443	3,953,295	10,100,629
1937	34	2,966	2,430,535	228,620	6,590,796	3,800,825	10,620,241
1938	31	2,625	1,957,600	207,058	5,011,986	3,214,437	8,433,481
1939	33	2,659	2,152,207	218,903	5,344,598	4,012,673	9,576,174
1940	38	3,481	3,167,910	300,826	10,624,128	6,587,460	17,512,414
1941	40	3,707	3,388,944	312,260	11,963,231	6,020,055	18,295,546
1942	41	3,698	3,858,423	310,545	13,156,536	7,737,120	21,204,201
1943	43	3,388	3,761,529	307,836	12,773,403	7,125,410	20,206,649
1944	42	3,391	3,892,137	327,433	12,436,752	7,553,934	20,318,119
1945	44	3,511	4,087,141	352,272	13,566,420	7,442,820	21,361,512
1946	53	4,238	5,093,009	372,473	15,330,348	9,316,484	25,019,305
1947	55	4,816	6,859,561	419,976	17,489,930	12,667,257	30,577,163
1948	58	4,840	8,229,814	488,288	22,801,126	13,460,031	36,749,445
1949	49	3,921	7,251,566	420,324	18,633,070	11,434,453	30,487,847
1950	49	4,235	7,887,318	540,894	27,022,684	12,814,801	40,378,379
1951	53	3,845	8,094,500	535,779	31,391,933	12,790,415	44,718,127
1952	51	3,440	7,863,795	504,881	21,137,627	13,123,193	34,765,701
1953	48	3,585	8,304,524	529,364	22,816,140	12,685,047 ²	36,030,551
1954	49	2,988	6,962,632	496,258	18,407,241	10,123,963	29,245,524
1955	44	2,937	7,080,950	515,302	19,639,928	11,168,868	31,529,947
1956	41	3,016	7,685,299	501,033	22,115,453	12,673,282	34,468,669
1957	39	3,091	7,822,550	493,671	23,548,281	12,701,563	35,936,789
1958	38	2,753	7,492,692	471,538	19,113,603	11,387,173	31,420,547
1959	37	2,949	8,246,090	505,460	21,815,755	15,042,672	37,690,083
Basis: Revised Standard Industrial Classification and New Establishment Concept. ³							
	number				dollars		
1957	35	2,040	5,160,322	374,628	17,039,974	..	25,304,423
1958	34	1,876	4,916,901	355,222	14,223,379	7,811,793	22,766,786
1959	33	2,036	5,868,120	390,636	16,259,608	10,267,574	26,789,185
1960							
Canada	30	2,004	6,044,056	368,965	16,056,504	10,200,273	26,202,446
Prince Edward Island	2	63	117,000	9,720	118,800	215,471	350,018
Nova Scotia	1						
New Brunswick	2						
Quebec	11	422	1,409,492	78,705	5,581,569	2,346,362	7,972,629
Ontario	14	1,519	4,517,564	280,540	10,356,135	7,638,440	17,879,799
1961							
Canada	26	1,927	5,694,926	358,130	14,165,175	9,422,042	24,030,189
Prince Edward Island	2	73	168,137	10,450	134,500	247,563	385,263
Nova Scotia	1						
New Brunswick	2						
Quebec	7	168	524,088	28,888	1,466,901	943,664	2,448,191
Ontario	14	1,686	5,002,701	318,792	12,563,774	8,230,815	21,196,735

¹ Figures up to and including 1952 represent value of production.

² 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".

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 15. Inventories,¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: ²				
Quebec	239,316	99,641	45,947	384,904
Ontario	1,572,041	869,493	2,878,874	5,120,408
Other provinces	60,500	—	89,750	150,250
Canada	1,871,857	969,134	2,814,571	5,655,562
Closing:				
Quebec	332,201	82,128	54,722	469,051
Ontario	1,628,498	1,035,879	2,429,134	5,093,511
Other provinces	62,310	—	97,000	159,310
Canada	2,023,009	1,118,007	2,580,856	5,721,872

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 16. 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			
Prince Edward Island	}	7	1	36	29	73	58,124	110,013	168,137
Nova Scotia									
New Brunswick									
Quebec	15	5	106	42	168	79,328	444,760	524,088	
Ontario	113	95	492	986	1,686	1,028,568	3,974,133	5,002,701	
Canada	135	101	634	1,057	1,927	1,166,020	4,528,906	5,694,926	

TABLE 17. Production Workers, by Months, 1961

Month	Male	Female
number		
January	624	1,018
February	625	1,017
March	611	964
April	596	951
May	608	999
June	624	1,064
July	640	1,070
August	641	1,080
September	661	1,128
October	665	1,155
November	647	1,167
December	646	1,071
Monthly averages ¹	634	1,057

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 18. Principal Statistics, grouped by Size of Establishment, 1961

Shipment size	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	1	17	20,824	1,600	16,750	38,043
\$ 10,000 to \$ 24,999	2					
25,000 " 49,999	2	77	133,210	13,536	96,235	298,001
50,000 " 99,999	4					
100,000 " 199,999	4	190	594,601	35,643	543,187	1,352,930
200,000 " 499,999	2					
500,000 " 999,999	4	147	397,668	33,902	2,062,527	2,852,253
1,000,000 and over	7	1,496	4,548,623	273,449	11,446,476	19,488,962
Totals	26	1,927	5,694,926	358,130	14,165,175	24,030,189

TABLE 19. 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			
Individual ownership	4	22	29,806	2,425	36,250	80,644
Partnership	3	108	386,052	17,982	124,504	626,725
Incorporated companies	19	1,797	5,279,068	337,723	14,004,421	23,322,820
Totals	26	1,927	5,694,926	358,130	14,165,175	24,030,189

TABLE 20. 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 employees	2	58	101,093	7,000	75,000	225,705
5 to 14 employees	5					
15 " 49 "	12	328	856,729	63,920	3,510,341	5,455,363
50 " 99 "	2	255	896,777	43,709	2,018,742	3,150,375
100 " 199 "	1					
200 and over	4	1,286	3,840,327	243,501	8,561,092	15,198,746
Totals	26	1,927	5,694,926	358,130	14,165,175	24,030,189

TABLE 21. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 481	6,395
(b) Imported	" 8,545	109,575
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 16,807	6,738
Fuel oil including kerosene or coal oil	" 223,719	26,200
Gas, natural	M cu. ft. 225	224
Steam purchased	pound 31,049,431	54,647
Electricity purchased	kwh. 13,802,585	131,551
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	22,800
3. All Establishments:		
Total cost of fuel and electricity .....	...	358,130

¹ Large establishments.² Small establishments.

SECTION 3. WOOL CLOTH MILLS, 1961

Again, in view of the 1961 changes to this industry, explained in the preface to Section 1, of this report, only 1961 industry data have been given throughout this section with the exception of Table 22 covering principal statistics. These 1961 data all reflect the changes in the composition of this industry, brought about by the implementation of 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 in this section are the following: Lists of firms—Capital and Repair Expenditures.

TABLE 22. Principal Statistics, Representative Years, 1929-61

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		
1929	44	4, 145	3, 924, 304	367, 888	9, 231, 712	6, 641, 594	16, 241, 194
1932	55	4, 990	4, 165, 731	442, 132	6, 311, 800	6, 373, 864	13, 127, 796
1935	65	6, 305	5, 108, 603	598, 399	10, 342, 336	8, 402, 570	19, 343, 305
1937	57	6, 498	5, 570, 225	588, 731	13, 938, 282	9, 199, 482	23, 726, 495
1938	59	5, 624	4, 842, 453	531, 193	9, 511, 647	7, 009, 989	17, 052, 829
1939	63	5, 986	5, 486, 944	602, 682	11, 910, 253	9, 365, 524	21, 878, 459
1940	66	7, 798	8, 182, 838	769, 868	24, 313, 179	16, 768, 251	41, 851, 298
1942	70	8, 765	10, 795, 662	970, 584	32, 321, 183	22, 588, 487	55, 878, 254
1944	75	8, 361	11, 063, 424	1, 007, 676	27, 212, 376	19, 419, 427	47, 639, 479
1945	85	8, 876	11, 809, 767	1, 009, 597	29, 073, 496	21, 947, 279	52, 030, 372
1947	95	10, 189	15, 917, 448	1, 146, 493	34, 893, 119	29, 507, 756	65, 507, 368
1948	90	9, 895	17, 740, 261	1, 245, 659	36, 348, 351	31, 085, 112	68, 679, 122
1949	89	10, 036	19, 031, 918	1, 300, 451	35, 701, 320	31, 983, 486	68, 985, 257
1950	85	9, 159	18, 655, 626	1, 380, 383	39, 029, 349	28, 269, 911	68, 879, 643
1951	88	9, 407	20, 773, 185	1, 316, 374	60, 068, 359	29, 980, 765	91, 365, 498
1952	81	8, 152	19, 464, 534	1, 393, 579	40, 542, 112	31, 200, 946	73, 136, 637
1953	82	7, 785	18, 997, 252	1, 446, 807	34, 387, 199	25, 607, 230 ²	61, 441, 236
1954	74	6, 267	15, 037, 539	1, 241, 904	28, 216, 765	20, 047, 297	49, 832, 851
1955	70	6, 633	16, 522, 702	1, 282, 811	32, 372, 593	24, 535, 275	58, 773, 448
1956	71	6, 914	17, 203, 434	1, 451, 183	31, 162, 821	25, 172, 723	57, 644, 516
1957	63	6, 059	16, 050, 492	1, 275, 070	29, 000, 259	21, 361, 488	53, 131, 242
1958	55	4, 658	13, 146, 470	1, 094, 046	23, 316, 201	19, 715, 665	44, 230, 042
1959	55	4, 843	14, 151, 409	1, 118, 909	26, 087, 518	21, 736, 658	47, 664, 919
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number				dollars		
1957	65	7, 271	20, 138, 605	1, 489, 381	35, 968, 447	..	66, 754, 503
1958	57	5, 817	17, 153, 686	1, 273, 499	29, 279, 934	28, 288, 327	58, 839, 505
1959	57	6, 035	18, 474, 682	1, 323, 816	31, 806, 839	31, 404, 985	63, 353, 512
1960							
Canada	56	6, 041	19, 087, 348	1, 436, 329	34, 029, 012	31, 434, 971	66, 602, 246
Quebec	25	3, 189	10, 378, 788	791, 900	19, 448, 484	17, 348, 132	37, 308, 252
Ontario	21	2, 543	7, 810, 489	563, 625	13, 257, 243	12, 775, 995	26, 662, 307
Other provinces ⁴	10	309	898, 071	80, 804	1, 323, 285	1, 310, 844	2, 631, 687
1961							
Canada	55	6, 085	19, 475, 129	1, 315, 904	36, 227, 424	32, 349, 600	68, 443, 002
Quebec	25	3, 066	10, 399, 550	653, 512	21, 039, 373	17, 891, 708	38, 370, 132
Ontario	20	2, 633	8, 205, 426	588, 191	14, 126, 276	13, 244, 292	27, 781, 404
Other provinces ⁴	10	386	870, 153	74, 201	1, 061, 775	1, 213, 600	2, 291, 486

¹ Figures up to and including 1952 represent value of production.

² 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".

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).

⁴ New Brunswick, 6 establishments; Manitoba, 2 establishments; and British Columbia, 2 establishments.

TABLE 23. Inventories,¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: ²				
Quebec	4,321,830	4,148,303	2,004,191	10,472,324
Ontario	3,309,574	2,398,504	1,997,098	7,705,176
Other provinces	456,225	218,837	189,067	864,129
Canada	8,087,629	6,763,644	4,190,356	19,041,629
Closing:				
Quebec	5,245,390	5,110,683	2,254,272	12,610,345
Ontario	4,022,073	2,691,558	1,881,399	8,595,030
Other provinces	419,026	309,517	156,497	885,040
Canada	9,686,489	8,111,758	4,292,168	22,090,415

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 24. 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	286	112	1,970	698	3,066	2,060,624	8,338,926	10,399,550
Ontario	205	115	1,390	923	2,633	1,520,535	6,684,891	8,205,426
Other provinces ¹	27	19	95	245	386	220,909	649,244	870,153
Canada	518	246	3,455	1,866	6,085	3,802,068	15,673,061	19,475,129

¹ Includes six establishments in New Brunswick, two in Manitoba and two in British Columbia.

TABLE 25. Production Workers, by Months, 1961

Month	Male	Female
number		
January	3,264	1,812
February	3,299	1,803
March	3,300	1,793
April	3,332	1,832
May	3,473	1,872
June	3,599	1,908
July	3,589	1,912
August	3,617	1,901
September	3,521	1,872
October	3,512	1,860
November	3,467	1,900
December	3,469	1,894
Monthly averages ¹	3,455	1,866

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 26. Principal Statistics, grouped by Size of Establishment, 1961

Shipment size	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	1	59	45,048	2,915	21,200	82,760
\$ 10,000 to \$ 24,999	5					
25,000 " 49,999	1	141	178,932	8,450	155,000	421,648
50,000 " 99,999	5					
100,000 " 199,999	7	137	295,893	25,761	426,871	962,137
200,000 " 499,999	9	426	1,148,789	114,445	1,408,481	3,292,664
500,000 " 999,999	4	393	1,145,447	106,838	1,638,862	3,034,885
1,000,000 and over	23	4,924	16,619,257	1,057,495	32,577,010	60,648,888
Head offices .....	...	5	41,763	...	...	...
Totals	55	6,085	19,475,129	1,315,904	36,227,424	68,443,002

TABLE 27. 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			
Individual ownership	4	49	37,293	1,865	18,000	66,994
Partnership	3	63	53,475	3,675	75,400	166,159
Incorporated companies	48	5,973	19,384,361	1,310,364	36,134,024	68,209,849
Totals	55	6,085	19,475,129	1,315,904	36,227,424	68,443,002

TABLE 28. 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 employees	3	6	10,975	1,865	38,400	78,062
5 to 14 employees	7	63	130,554	7,300	222,800	478,155
15 to 49 "	13	383	925,908	100,876	1,253,030	2,947,722
50 to 99 "	12	816	2,312,728	166,566	4,575,645	8,766,709
100 " 199 "	10	1,472	4,502,932	356,485	7,219,727	15,138,674
200 and over	10	3,340	11,550,269	682,812	22,917,822	41,033,680
Head offices .....	...	5	41,763	...	...	...
Totals	55	6,085	19,475,129	1,315,904	36,227,424	68,443,002

TABLE 29. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton	13,427
(b) Imported	"	16,323
Lignite coal	"	121
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	74,368
Fuel oil including kerosene or coal oil	"	2,962,933
Gas (a) Other manufactured gas	M cu. ft.	112
(b) Natural gas	"	25,853
Steam purchased	lb.	4,862,765
Electricity purchased	kwh.	73,341,893
2. Estimate for establishments for which no data were collected: ²		
Cost of fuel and electricity .....	...	30,015
3. All establishments:		
Total cost of fuel and electricity .....	...	1,315,904

¹ Large establishments.² Small establishments.

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010755713