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CANADA

CANVAS PRODUCTS INDUSTRY

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 appropriate or not applicable.

— nil or zero.

EXPLANATORY NOTES

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

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

Period Covered

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

Establishment

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

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

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

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

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

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

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

Employees

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

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

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

Salaries and Wages

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

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

Cost of Fuel and Electricity

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

Materials and Supplies Used

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

Factory Shipments

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

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

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

Inventories

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

Value added by Manufacturing

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

Standard Industrial Classification

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

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

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

Short Forms

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

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

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

CANVAS PRODUCTS 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 1) for recent years, the necessary adjustments were applied to the data back to 1957. (See also Explanatory Notes).

Table 3, showing shipments by the industry, presents additional information, collected for the first time in 1961, covering awnings, sails, tents, boat covers and tarpaulins. It should be noted that, with the exception of Table 1, only 1961 data are given in this report in view of the changes outlined above.

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, 1939-61

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 up to and including 1960							
	number				dollars		
1939	70	645	617,529	20,760	1,307,951	1,027,899	2,356,610
1943	77	1,868	2,147,950	43,925	7,279,923	3,709,846	11,033,694
1946	90	1,364	1,868,902	49,449	3,804,588	3,236,348	7,090,385
1948	101	1,365	2,272,298	82,539	4,326,326	3,482,692	7,891,557
1950	115	1,429	2,437,604	92,887	5,072,890	3,576,053	8,741,830
1951	115	1,547	2,785,670	94,468	6,627,662	4,424,091	11,146,221
1952	110	1,521	2,978,377	96,594	6,210,356	4,974,977 ²	11,281,927
1953	116	1,579	3,322,604	100,361	6,949,933	5,341,780 ²	12,392,074
1954	128	1,574	3,479,525	127,382	6,676,118	5,809,750	12,544,960
1955	139	1,722	3,661,311	136,080	7,256,353	6,533,155	13,998,095
1956	142	1,787	3,682,823	154,336	9,574,039	6,321,753	15,931,995
1957	135	1,728	4,136,462	183,117	9,098,407	6,750,421	15,689,203
1958	137	1,674	4,211,942	180,120	8,902,617	6,384,126	15,525,554
1959	133	1,717	4,622,405	182,172	9,368,841	7,527,663	17,094,174
1960							
Canada	136	1,718	4,755,479	185,787	9,521,928	8,246,332	17,444,947
Newfoundland	1	33	77,096	2,596	116,005	103,979	222,088
Nova Scotia	4						
New Brunswick	2						
Quebec	28	452	1,235,410	65,040	2,792,053	2,237,882	4,884,466
Ontario	72	860	2,387,490	86,510	4,871,829	4,076,368	8,772,309
Manitoba	7	87	238,333	7,812	470,401	402,266	865,084
Saskatchewan	3						
Alberta	9						
British Columbia	10	216	596,099	17,369	956,906	1,022,072	1,979,000
Basis: Revised Standard Industrial Classification and New Establishment Concept ³							
	number				dollars		
1957	132	1,796	4,263,849	187,976	9,305,201	6,946,680	16,115,394
1958	134	1,737	4,302,259	188,141	9,045,840	6,720,797	16,073,761
1959	130	1,787	4,748,406	193,872	9,492,079	7,675,304	17,323,048
1960							
Canada	133	1,783	4,877,802	197,261	9,722,009	8,664,328	18,004,982
Newfoundland	1	33	77,096	2,596	116,005	103,979	222,088
Nova Scotia	4						
New Brunswick	2						
Quebec	27	540	1,413,460	77,633	3,150,059	2,816,297	5,813,467
Ontario	72	860	2,387,490	86,510	4,871,829	4,037,116	8,687,057
Manitoba	6	73	207,004	7,293	355,109	312,229	672,971
Saskatchewan	3						
Alberta	9						
British Columbia	9	207	571,701	16,769	914,273	990,942	1,887,399
1961							
Canada	132	1,689	4,822,789	176,099	9,494,965	8,221,104	17,952,327
Newfoundland	1	30	84,553	2,881	95,455	93,546	191,400
Nova Scotia	4						
New Brunswick	2						
Quebec	27	528	1,445,567	59,119	3,192,254	2,468,919	5,719,525
Ontario	71	774	2,171,887	79,778	4,513,401	3,888,836	8,539,165
Manitoba	8	82	229,374	9,500	410,871	343,764	762,773
Saskatchewan	3						
Alberta	7						
British Columbia	9	202	651,877	19,082	878,992	971,291	1,873,110

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 the 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,¹ 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening ²				
Newfoundland	25,145	585	115	25,845
Nova Scotia				
New Brunswick				
Quebec	680,284	149,884	462,333	1,292,501
Ontario	1,312,458	247,018	680,726	2,240,202
Manitoba	144,763	38,620	22,786	206,169
Saskatchewan				
Alberta				
British Columbia	155,221	6,211	20,512	181,944
Canada	289,980	39,805	231,154	560,939
Canada	2,607,851	482,123	1,417,626	4,507,600
Closing:				
Newfoundland	24,607	807	375	25,789
Nova Scotia				
New Brunswick				
Quebec	676,115	196,803	416,181	1,289,099
Ontario	1,297,536	190,907	679,687	2,168,130
Manitoba	217,278	37,719	25,049	280,046
Saskatchewan				
Alberta				
British Columbia	166,401	5,410	19,438	191,249
Canada	376,755	42,405	224,809	643,969
Canada	2,758,692	474,051	1,365,539	4,598,282

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 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	Value
	\$
Awnings:	
Domestic:	
(a) Canvas	1,208,158
(b) Synthetic materials	71,592
Commercial:	
(a) Canvas	592,488
(b) Synthetic materials	39,293
Sails:	
(a) Canvas	46,763
(b) Synthetic - Sail silk	166,741
Tents:	
Domestic camping:	
(a) Regular tourist	1,280,543
(b) Cabin or cottage style	672,226
(c) Standard wall	472,325
(d) Other domestic	743,739
Commercial and industrial	367,523
Verandah curtains	32,534
Flags, bunting and pennants	295,268
Bags, all kinds	586,793
Furniture pads	88,879
Covers:	
Radiator	2,057
Boat:	
(a) Canvas	411,116
(b) Synthetic	21,250
Tarpaulin:	
(a) Canvas	2,764,924
(b) Synthetic	221,933
All other	530,421

TABLE 3. Factory Shipments, 1961 — Concluded

Principal products	Value
	\$
Horse blankets and covers	6, 198
Aprons	27, 206
Sleeping bags	1, 443, 912
Camp beds	150, 280
Mattresses, athletic	128, 098
Hammocks	3, 204
Camp furniture	62, 208
Cushions and pillows	92, 538
Life jackets and vests	1
Life buoys and rings	15, 557
Window blinds	137, 754
Venetian blinds	
Sporting goods and equipment	55, 603
Clothing, all kinds	1, 435, 696
All other products	1, 866, 816
Amount received for rental	485, 061
Amount received for storage	114, 019
Amount received for custom work and repairs	1, 488, 179
Total shipments	18, 128, 895
Less adjustment for value of sales taxes, excise duties and outward transportation charges which were not deducted from individual commodity items detailed above	176, 568
Total shipments (adjusted)	17, 952, 327

¹ Included in "All other products".

Note: The shipments shown in the above table do not necessarily represent total shipments by Canadian manufacturers since some of these items are also produced by firms classified to other industries.

TABLE 4. Materials Used, 1961

Principal materials	Quantity	Value
		\$
Awning fabric:		
(a) Plain	sq. yard	224, 270
(b) Woven	"	70, 571
(c) Painted	"	379, 781
Canvas and duck	"	5, 593, 474
Denim	"	14, 678
Drill	"	1, 628, 403
Coated fabrics	"	354, 284
Other fabrics (including nylon and other synthetics) .....	...	1, 224, 161
Thread	lb.	67, 264
Cordage rope and twine	"	511, 773
Hardware .....	...	304, 541
Water proofing .....	...	182, 909
All other materials and supplies ¹ .....	...	2, 093, 109
Packing and shipping materials .....	...	94, 387
Operating, maintenance and repair supplies .....	...	87, 291
Amount paid out to others for work done on materials owned by reporting plants .....	...	51, 271
Total cost of materials used .....	...	9, 494, 965

¹ No detailed information on materials used was collected from small establishments. The estimated value of materials used by these establishments was \$278,200 and this amount has been included in "All other materials and supplies."

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

Province	Average					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
Atlantic Provinces	8	3	15	4	30	35,365	49,188	84,553
Quebec	71	26	212	219	528	494,017	951,550	1,445,567
Ontario	147	65	282	280	774	790,492	1,381,395	2,171,887
Manitoba	16	8	18	40	82	110,218	119,156	229,374
Saskatchewan								
Alberta	16	8	18	31	73	116,466	123,065	239,531
British Columbia	26	17	62	97	202	209,176	442,701	651,877
Canada	284	127	607	671	1,689	1,755,734	3,067,055	4,822,789

TABLE 6. Production Workers, by Months, 1961

Month	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
January	394	559		
February	398	574		
March	410	612	130	74
April	453	634		
May	483	643		
June	489	658	172	108
July	440	569		
August	411	488		
September	407	456	147	76
October	398	505		
November	391	524		
December	382	516	131	67
Average for establishments reporting monthly detail			420	563
Average for establishments reporting quarterly detail			146	82
Average for small establishments ³			41	26
Average for all establishments			607	671

¹ Average for establishments reporting monthly detail.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 7. 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	17	28	41,755	2,555	30,350	94,726
\$ 10,000 to \$ 24,999	18	66	121,113	6,142	131,587	317,392
25,000 " 49,999	35	167	463,044	19,511	524,316	1,173,001
50,000 " 99,999	24	202	591,500	23,923	708,561	1,717,669
100,000 " 199,999	19	267	915,690	33,425	1,236,002	2,706,577
200,000 " 499,999	11	278	833,313	29,589	1,368,427	2,712,742
500,000 " 999,999	5	220	607,059	32,851	2,154,677	3,611,318
1,000,000 and over	3	461	1,249,315	28,103	3,341,045	5,618,902
Totals	132	1,689	4,822,789	176,099	9,494,965	17,952,327



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TEXTILE INDUSTRIES

TABLE 8. 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	50	207	572,487	22,745	636,085	1,489,643
Partnership	21	130	328,973	12,028	424,989	989,986
Incorporated companies	61	1,352	3,921,329	141,326	8,433,891	15,472,698
Totals	132	1,689	4,822,789	176,099	9,494,965	17,952,327

TABLE 9. 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	47	113	281,733	14,155	409,715	902,400
5 to 14 employees	56	439	1,290,969	50,156	1,649,168	3,787,629
15 "49 "	24	570	1,719,103	65,610	3,286,366	6,177,067
50 "99 "	2	567	1,530,984	46,178	4,149,716	7,085,231
100 and over	3					
Totals	132	1,689	4,822,789	176,099	9,494,965	17,952,327

TABLE 10. Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton	389
(b) Imported	"	423
Anthracite coal	"	40
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	94,102
Fuel oil including kerosene or coal oil	"	173,408
Gas:		
(a) Liquefied petroleum gases		—
(b) Other manufactured gas	Mcf.	2,414
(c) Natural gas	"	13,107
Other fuel .....		...
Electricity purchased	kwh.	2,160,880
2. Establishments reporting group detail: ²		
Cost of fuel .....	...	26,852
Cost of electricity .....	...	10,836
3. Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity .....	...	12,025
4. All establishments:		
Total cost of fuel and electricity		176,099

¹ Large establishments.² Medium-size establishments³ Small establishments.