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ANNUAL



HAT AND CAP INDUSTRY 1960

ANNUAL CENSUS
OF MANUFACTURES

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EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1960 are as follows:

Period Covered

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

Establishment

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

Employees

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

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

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

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

Salaries and Wages

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

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

Cost of Fuel and Electricity

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

Materials and Supplies Used

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

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers

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

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

Inventories

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

Value added by Manufacturing

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

Standard Industrial Classification

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

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

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

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

Short Forms

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

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

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

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

HAT AND CAP INDUSTRY

1960

Although the Bureau has implemented a new Standard Classification for the 1960 survey, there has been no change in either the composition or the title of this industry. The Hat and Cap Industry is defined as comprising those "Establishments primarily engaged in manufacturing hats of straw, cloth, fur felt and wool felt". It does not include custom milliners who alter, make, remodel or repair headgear for a customer according to the personal measurement and specification of that customer.

There has been no change in the number of establishments classified to this industry in 1960 from the previous 130 in 1959. In 1960, these were located as follows: Nova Scotia 2; New Brunswick 1; Quebec 62; Ontario 51; Manitoba 12; Alberta 1; and British Columbia 1.

Shipments by the industry in 1960 had a total value of \$30,326,204 compared to \$29,964,551, an increase of 1.0 per cent. After allowance is made for the drop in inventories of goods in process and of finished goods during the year, the estimated value of production for 1960 was \$30,299,990, compared to \$30,076,830 in 1959, a smaller increase of 0.7 per cent. Materials and supplies used in manufacture cost \$13,005,108 in the year under review, 1.0 per cent more than the \$12,798,590 reported the previous year. Employment dropped from 4,017 in 1959 to 4,003 in 1960; but, on the other hand, salary and wage payments rose by 1.0 per cent, from \$10,959,726 in 1959 to \$11,056,561 in 1960.

Of the four sections into which this industry is divided, two reported increased shipments in the current year. Of the two sections showing a decrease in shipments, "caps", dropped slightly more than the "men's hats". The former segment dropped from \$6,092,818 in 1959 to \$6,058,307 in 1960 or 0.6 per cent, whereas the latter dropped from \$6,146,149 in 1959 to \$6,133,821 in 1960 or 0.3 per cent. The largest section, "women's and children's hats", recorded a small increase of 1.0 per cent, the total value of factory shipments rising from \$14,555,178 in 1959 to \$14,929,348 in 1960. In the remaining section, "hat and cap makers' materials", the

increase was 1.0 per cent, factory sales being \$3,204,728 in 1960 as opposed to \$3,170,406 in 1959.

Once more the leading product of the industry was men's fur felt hats with shipments of 80,254 dozen valued at \$4,971,790 f.o.b. plant, 10.9 and 2.0 per cent lower, respectively, than the 1959 sales of 90,066 dozen valued at \$5,075,073. Deliveries of women's straw hats increased in 1960, to 91,098 dozen worth \$3,980,883 from 89,657 dozen worth \$3,804,627 in 1959, a rise of 2.7 per cent in quantity and of 1.0 per cent in value. For the first time since 1956, it has been possible to publish the shipments of men's panama hats. Further details of shipments of the various commodities may be found in Table 5.

The industry is concentrated mainly in Quebec and Ontario. The former province, with 62 establishments, accounted for 51.3 per cent of the shipments and 48.8 per cent of the employment in 1960. The 51 firms in Ontario were responsible for 38.9 per cent of the shipments and 37.8 per cent of the number of employees.

Table 11 shows that in 1960 there were 20 firms with annual shipments of less than \$25,000; whilst, at the upper end of the scale, seven firms reported factory sales in excess of \$1,000,000. Out of a total of 130 establishments, 52 showed shipments in the \$50,000 to \$200,000 range.

Imports of materials used and products made by the hat and cap industry decreased by 5.0 per cent from a value of \$7,343,665 in 1959 to \$6,978,616 in 1960. Over the same two years, exports decreased by 32.3 per cent from \$163,348 in 1959 to \$110,723 in 1960. Full details of imports and exports are given in Tables 7 and 8.

Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses has been collected as part of the annual Census of Industry: this data was formerly collected by a separate survey. The summarized results for the Hat and Cap Industry for the year under review will be found in Table 3.

TABLE 1. Principal Statistics, Representative Years, 1937-1960

Basis: Standard Industrial Classification in use both prior to and in 1980 (no change in 1960)

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	Gross value of production ¹
	number		dollars				
1937	171	4,847	4,416,717	137,455	8,709,478	8,842,435	13,889,388
1939	158	4,762	4,487,446	134,417	8,092,581	6,748,829	12,973,827
1940	153	5,144	5,244,147	150,582	7,939,417	7,723,862	15,813,681
1941	168	5,644	8,011,476	173,440	9,600,183	9,281,582	19,055,205
1942	171	5,708	6,645,083	184,245	10,978,307	10,540,582	21,703,134
1943	167	5,314	8,872,916	182,290	10,921,710	10,962,150	22,068,150
1944	185	5,123	8,949,426	186,971	10,788,833	10,935,804	21,687,282
1945	184	5,220	7,381,703	176,227	11,405,927	11,648,912	23,229,086
1948	171	5,587	8,551,022	213,009	14,908,436	14,414,005	29,533,450
1947	189	5,167	8,288,601	221,443	12,748,222	13,845,854	26,813,519
1948	184	4,714	8,358,871	222,532	11,142,545	13,590,284	24,955,361
1949	183	4,760	9,004,917	233,255	11,268,884	14,742,262	26,244,201
1950	157	4,825	9,260,609	231,202	11,379,834	14,471,380	26,082,398
1951	159	4,835	9,798,747	223,981	11,549,016	15,518,769	27,291,766
1952	172	5,005	10,791,897	231,805	12,610,052	16,764,298 ²	29,606,155
1953	166	4,928	11,057,900	230,714	11,741,210	17,680,028 ²	29,631,952
1954	169	4,708	10,789,884	260,987	11,305,582	18,595,108	28,271,272
1955	185	4,581	10,538,317	261,538	11,659,269	16,778,289	28,695,413
1958	156	4,314	10,559,954	292,188	13,236,827	18,385,000	29,742,506
1957	146	4,309	10,893,610	287,346	13,909,842	18,798,198	30,862,685
1958							
Canada	140	4,073	10,747,521	285,769	12,528,653	16,542,793	29,272,149
Nova Scotia	2	} 140	251,347	28,231	355,520	351,572	759,344
New Brunswick	1						
Quebec	68	1,926	5,116,101	123,752	5,897,258	8,220,122	14,221,431
Ontario	54	1,813	4,557,278	122,827	5,392,317	8,844,302	12,067,724
Manitoba	13	} 394	822,795	10,959	883,558	1,326,797	2,223,850
Alberta	1						
British Columbia	1						
1959							
Canada	130	4,017	10,959,726	282,247	12,798,590	16,985,993	29,964,551
Nova Scotia	2	} 145	277,356	37,030	362,082	396,542	793,404
New Brunswick	1						
Quebec	63	1,891	5,272,199	127,112	5,897,566	8,472,443	14,517,197
Ontario	51	1,801	4,574,714	117,624	5,833,545	6,842,952	12,354,400
Manitoba	11	} 380	835,457	10,481	905,397	1,474,056	2,299,550
Alberta	1						
British Columbia	1						
1960							
Canada	130	4,003	11,056,561	282,213	13,005,108	17,012,669	30,326,204
Nova Scotia	2	} 115	224,636	30,892	299,391	349,803	691,918
New Brunswick	1						
Quebec	62	1,955	5,522,810	128,543	6,542,587	8,963,946	15,558,980
Ontario	51	1,513	4,405,466	112,753	5,179,925	6,402,111	11,804,856
Manitoba	12	} 420	903,849	10,025	983,205	1,297,009	2,270,472
Alberta	1						
British Columbia	1						

¹ Commencing with 1952, the gross value of production has been replaced by value of factory shipments.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".**Note:** Profits or losses cannot be estimated from the Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Comparison of Principal Statistics, 1959 and 1960

	1959	1960	+Increase -Decrease
Establishments reporting No.	130	130	-
Supervisory and office employees:			
Total "	555	568	+ 13
Male "	364	381	+ 17
Female "	191	187	- 4
Total salaries \$	2,678,484	2,776,626	+ 98,142
Production workers:			
Monthly average No.	3,462	3,435	- 27
Male "	1,380	1,347	- 33
Female "	2,082	2,088	+ 6
Total wages \$	8,281,242	8,279,935	- 1,307
Cost of fuel and electricity \$	292,247	282,213	- 10,034
Cost of materials used \$	12,798,590	13,005,108	+ 206,518
Value of factory shipments \$	29,964,551	30,326,204	+ 361,653

TABLE 3. Inventories,¹ 1960

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening: ²				
Nova Scotia	156,360	40,173	52,052	248,585
New Brunswick				
Quebec				
Ontario	1,178,005	182,051	391,462	1,751,518
Manitoba	1,412,247	140,990	812,032	2,365,269
Alberta				
British Columbia				
Canada	462,318	114,422	229,429	806,169
Canada	3,208,930	477,636	1,484,975	5,171,541
Closing:				
Nova Scotia	161,977	33,970	46,225	242,172
New Brunswick				
Quebec				
Ontario	1,275,116	218,950	430,679	1,924,745
Manitoba	1,219,970	169,309	673,646	2,062,925
Alberta				
British Columbia				
Canada	490,481	123,770	239,848	854,099
Canada	3,147,544	545,999	1,390,398	5,083,941

¹ Book value of all manufacturing inventories held at plant and plant warehouses.² The opening inventory for 1960 differs from the closing inventory published for 1959 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1960.

TABLE 4. Principal Statistics, by Sections, 1958 - 60

Sections	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of materials used	Selling value of factory shipments
	number		dollars		
1958					
Hats, men's	10	696	2,092,702	2,857,367	5,826,459
Hats, women's and children's	66	1,903	5,123,748	6,053,291	14,281,098
Caps	57	1,073	2,494,623	2,484,318	6,211,414
Hats and cap makers' materials	7	401	1,036,448	1,133,677	2,953,178
Totals	140	4,073	10,747,521	12,528,653	29,272,149
1959					
Hats, men's	9	695	2,123,596	3,018,172	6,146,149
Hats, women's and children's	62	1,864	5,281,565	6,085,662	14,555,178
Caps	51	1,028	2,397,699	2,507,338	6,092,818
Hat and cap makers' materials	8	430	1,156,866	1,187,418	3,170,406
Totals	130	4,017	10,959,726	12,798,590	29,964,551
1960					
Hats, men's	8	680	2,069,539	2,911,622	6,133,821
Hats, women's and children's	63	1,850	5,273,210	6,387,870	14,929,348
Caps	50	1,040	2,489,181	2,586,584	6,058,307
Hat and cap makers' materials	9	433	1,224,631	1,119,032	3,204,728
Totals	130	4,003	11,056,561	13,005,108	30,326,204

TABLE 5. Factory Shipments, 1959 and 1960

Principal products	1959		1960	
	Quantity	Selling value at the factory	Quantity	Selling value at the factory
	dozen	\$	dozen	\$
Caps and helmets:				
Cloth	296,332	3,037,043	289,142	2,964,334
Uniform	21,341	577,329	25,018	747,930
Advertising and shop	56,177	356,735	50,190	372,508
Fur	2,836	87,927	1,253	44,997
Leather	1,918	65,725	1,584	24,712
Sport	126,877	1,099,849	111,133	936,766
Other	1,232	24,954	2,978	15,459
Hats, men's:				
Felt:				
Fur	90,066	5,075,073	80,254	4,971,790
Wool	22,322	470,607	22,412	478,294
Straw	25,558	564,844	26,844	608,301
Panama	¹	¹	1,413	49,012
Cotton	2,564	37,983	3,347	50,465
Other	9,119	134,695	13,583	133,480

See footnote at end of table.

TABLE 5. Factory Shipments, 1959 and 1960 - Concluded

Principal products	1959		1960	
	Quantity	Selling value at the factory	Quantity	Selling value at the factory
	dozen	\$	dozen	\$
Hats, women's:				
Felt:				
Fur	28,375	1,684,860	27,846	1,438,189
Wool	50,450	1,475,850	49,165	1,352,111
Velour	47,170	2,301,275	56,531	2,745,983
Straw	89,657	3,804,627	91,098	3,980,883
Panama	4,683	239,063	6,968	219,351
Fabric:				
Cotton	5,602	112,984	5,728	135,751
Silk and rayon	30,128	847,954	22,769	695,831
Wool	2,880	74,540	3,244	77,530
Velvet	45,008	1,443,175	43,741	1,344,150
Linen	5,163	139,089	¹	¹
Other	41,308	747,582	52,273	1,266,270
Hats, children's:				
Felt:				
Fur	¹	¹	¹	¹
Wool	10,151	162,411	7,716	117,112
Straw	23,330	299,719	19,415	258,109
Fabric:				
Silk and rayon	¹	¹	¹	¹
Cotton	12,223	125,713	13,567	137,228
Wool	1,799	20,867	1,094	15,895
Velvet	1,168	16,136	1,398	20,550
Other	31,771	250,503	29,275	203,779
Headwear, other:				
Headwear, infants	¹	¹	¹	¹
Tams and berets	2,930	23,353	6,996	65,395
Other	92,902	723,915	114,687	889,264
Hat and cap makers' materials, made for sale to others:				
Hat bodies in the rough:				
Fur felt—men's	53,987	1,125,022	50,502	1,028,586
Fur felt—women's	22,308	401,345	24,137	413,119
Wool felt	²	²	²	²
All other products (including contract work and amount received for work done on materials owned by others)	—	2,411,804	—	1,964,974
Totals	—	29,964,551	—	30,326,204

¹ Less than 3 establishments reporting included in appropriate "Other" category.

² Less than 3 establishments reporting, included in "All other products".

Production of all bodies during the year, whether for own use or for sale as such in 1960. Men's, 142,427 dozen; Women's, 105,935 dozen.

Note: Hats and caps are also produced in other industries and for complete output reference should be made to "Alphabetical List of Products" in the Appendix to annual report entitled "General Review of the Manufacturing Industries".

TABLE 6. Products by Sections, (a) Hats, Men's, (b) Hats, Women's and Children's (c) Caps and Helmets and (d) Hat and Cap Makers' Materials, for the Years 1959 and 1960

Principal products	1959 Factory shipments		1960 Factory shipments	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	dozen	\$	dozen	\$
(a) Hats, men's				
Hats, men's:				
Fur felt	85,655	4,898,599	76,408	4,814,494
Wool felt	9,498	211,313	9,824	209,132
Cotton	1	1	—	—
Straw	25,553	564,771	26,599	603,072
Panama	1	1	1	1
Other	1,357	66,711	2,144	91,975
Hats, all other, including caps, women's and children's headwear, hat pads, etc.	10,215	121,551	9,571	140,304
Hat bodies in the rough, fur felt:				
Men's	2	2	2	2
Women's	2	2	2	2
All other products	—	283,204	—	274,844
Totals	—	6,146,149	—	6,133,821
(b) Hats, women's and children's				
Hats, women's:				
Felt:				
Fur	28,375	1,684,860	27,846	1,438,180
Wool	50,450	1,475,850	49,165	1,352,111
Velour	47,170	2,301,275	56,531	2,745,983
Straw	89,657	3,804,627	91,098	3,980,883
Panama	4,683	239,063	6,968	219,351
Fabric:				
Cotton	5,602	112,984	5,728	135,751
Silk and rayon	30,128	847,954	22,769	695,831
Wool	2,880	74,540	3,244	77,530
Velvet	45,008	1,443,175	43,741	1,344,150
Other	45,336	842,261	50,299	1,182,404
Hats, children's:				
Felt:				
Fur	3	3	3	3
Wool	10,153	162,459	7,716	117,112
Straw	21,401	286,741	17,567	245,461
Cotton	8,606	93,964	9,920	104,780
Other	26,765	192,163	27,569	200,229
Headwear, infants'	67,229	598,838	66,781	589,562
Hats, all other, including caps, helmets and men's hats	50,096	289,179	64,901	405,929
All other products	—	105,245	—	94,092
Totals	—	14,555,178	—	14,929,348
(c) Caps and helmets				
Caps and helmets:				
Cloth	276,110	2,870,424	281,875	2,845,832
Uniform	21,341	577,329	25,018	747,930
Advertising and shop	56,177	356,735	50,190	372,508
Fur	2,836	87,927	1,253	44,997
Leather	1,918	65,725	1,584	24,712
Sport	126,877	1,099,849	111,133	936,766
Other	930	19,307	2,522	6,305

See footnotes at end of table.

TABLE 6. Products by Sections, (a) Hats, Men's (b) Hats, Women's and Children's (c) Caps and Helmets and (d) Hat and Cap Makers' Materials, for the Years 1959 and 1960 - Concluded

Principal products	1959 Factory shipments		1960 Factory shipments	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	dozen	\$	dozen	\$
(c) Caps and helmets - Concluded				
Hats, men's	21,566	505,808	21,896	515,669
Hats, women's and children's	8,835	113,398	9,819	156,309
Headwear, other	1,133	17,000	1,142	16,395
Hat and cap makers' materials:				
Buttons, badges, lettering, etc.	-	155,024	-	145,045
All other products	-	224,292	-	245,839
Totals	-	6,092,818	-	6,058,307
(d) Hat and cap makers' materials				
Hat bodies in the rough	125,899	1,854,455	124,109	1,757,307
All other products	-	1,315,951	-	1,447,421
Totals	-	3,170,406	-	3,204,728

¹ Less than 3 establishments reporting, included in "Hats, men's, other".

² Less than 3 establishments reporting, included in "All other products".

³ Less than 3 establishments reporting, included in "Hats, children's, other".

TABLE 7. Imports¹ of Materials Used and Products Made by the Hat and Cap Industry, 1959 and 1960

Import class	Commodities imported	1959		1960	
		Quantity	Value	Quantity	Value
			\$		\$
3516	Berets of wool, knitted and fulled doz.	11,565	53,520	8,049	51,133
3517	Caps, bonnets and berets, n.o.p. "	539,320	1,306,507	482,942	1,295,295
3522	Fireman's helmets: safety helmets for industrial purposes; parts of such helmets	-	808,427	-	670,720
3518	Hats of fur felt, men's	2,247	122,553	2,053	115,894
3520	Hats of fur felt, women's	2,795	115,633	2,898	125,840
3519	Hats of wool felt	6,705	100,598	5,580	94,905
3521	Hats, n.o.p.	97,311	1,781,836	119,341	1,690,681
3559	Hat braids, not made in Canada, not exceeding six inches in width, for hat bodies or shapes	-	324,618	-	363,750
3560	Hat sweats, cap peakes, stiffening bands for the inside of hats and caps, hatters' tips and sides when cut to shape for hats and caps	-	566,644	-	506,020
2174	Hatters' furs not on the skin	394,605	931,872	209,617	513,916
3561	Hoods and shapes of fur-felt, or of wool and fur-felt	43,671	715,997	47,998	831,755
3563	Hoods and shapes, knitted, crocheted, plaited woven in a single piece, and hoods and shapes of braid, not sewn	69,188	387,652	92,662	527,414
3564	Hoods and shapes, n.o.p.	13,246	127,808	21,204	191,293
	Total value of imports	-	7,343,665	-	6,978,616

¹ These data are published monthly in "Trade of Canada Imports" (Cat. No. 65-007), which also shows the details of shipments from individual countries.

TABLE 8. Exports¹ of Hats and Caps, 1959 and 1960

Export Class	Commodities exported	1959		1960	
		Quantity	Value	Quantity	Value
3413	Hoods and shapes for hats doz.	1,519	\$ 60,432	752	\$ 18,093
3405	Caps of textile material	1,180	11,820	529	6,435
3407	Hats, felt	825	44,069	961	45,014
3409	Hats of textile material, n.o.p.	3,169	47,027	2,126	41,181
	Total value of exports	—	163,348	—	110,723

¹ These data are published monthly in "Trade of Canada Exports" (Cat. No. 65,004), which also shows the details of shipments to individual countries.

TABLE 9. Employees and their Earnings, by Provinces, 1959 and 1960

	Employees					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1959								
Nova Scotia	11	2	67	65	145	50,534	226,822	277,356
New Brunswick								
Quebec	176	102	574	1,039	1,891	1,367,400	3,904,799	5,272,199
Ontario	149	73	683	696	1,601	1,065,796	3,508,918	4,574,714
Other ¹	28	14	56	282	380	194,754	640,703	835,457
Canada	364	191	1,380	2,082	4,017	2,678,484	8,281,242	10,959,726
1960								
Nova Scotia	10	2	61	42	115	44,010	180,626	224,636
New Brunswick								
Quebec	186	93	591	1,085	1,955	1,415,064	4,107,746	5,522,810
Ontario	155	78	635	645	1,513	1,116,320	3,289,146	4,405,466
Other ²	30	14	60	316	420	201,232	702,417	903,649
Canada	381	187	1,347	2,088	4,003	2,776,626	8,279,935	11,056,561

¹ Includes eleven firms in Manitoba, one in Alberta and one in British Columbia.

² Includes twelve firms in Manitoba, one in Alberta and one in British Columbia.

TABLE 10. Production Workers, by Months, 1960

	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
January	1,112	1,527	—	—
February	1,114	1,543	—	—
March	1,098	1,536	181	528
April	1,098	1,473	—	—
May	1,080	1,453	—	—
June	1,167	1,490	176	542
July	1,162	1,497	—	—
August	1,199	1,537	—	—
September	1,180	1,511	182	506
October	1,134	1,532	—	—
November	1,084	1,503	—	—
December	1,095	1,456	179	465
Average for establishments reporting monthly detail			1,128	1,503
Average for establishments reporting quarterly detail			183	516
Average estimated for small establishments ³			36	69
Average for all establishments			1,347	2,088

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over.

² The number of production workers, by quarters, was collected only for establishments generally reporting value of shipments between \$50,000 and \$200,000.

³ For establishments generally reporting value of shipments of less than \$50,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 11. Principal Statistics of the Hat and Cap Industry, grouped by Shipment Size
1959 and 1960

Size of shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at factory of materials used	Selling value of factory shipments
	number		dollars			
1959						
Under \$25,000	19	69	95,554	3,001	80,858	220,638
\$ 25,000 to under \$ 50,000	15	107	214,404	3,433	241,989	536,450
50,000 " " 100,000	26	296	750,390	12,626	733,948	1,901,270
100,000 " " 200,000	29	602	1,567,655	22,399	1,606,295	3,867,237
200,000 " " 500,000	25	1,048	2,748,150	69,475	3,242,941	7,206,363
500,000 " " 1,000,000	10	838	2,503,801	56,465	3,134,373	7,479,199
1,000,000 and over	6	1,057	3,079,772	124,848	3,758,186	8,753,394
Totals	130	4,017	10,959,726	292,247	12,798,590	29,964,551
1960						
Under \$25,000	20	69	110,165	3,635	95,526	257,492
\$ 25,000 to under \$ 50,000	17	107	241,235	5,489	290,313	645,192
50,000 " " 100,000	24	300	726,069	9,394	713,744	1,776,747
100,000 " " 200,000	28	581	1,548,943	18,743	1,488,384	3,789,059
200,000 " " 500,000	25	1,064	2,757,034	67,764	3,416,020	7,493,590
500,000 " " 1,000,000	9	778	2,295,071	46,514	2,827,592	6,533,619
1,000,000 and over	7	1,104	3,378,044	130,674	4,173,529	9,830,505
Totals	130	4,003	11,056,561	282,213	13,005,108	30,326,204

TABLE 12. Principal Statistics of the Hat and Cap Industry according to Type of Ownership,
1959 and 1960

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value of factory shipments
	number		dollars			
1959						
Individual ownership	33	295	688,371	17,082	957,158	2,129,462
Partnership	10	110	311,772	3,244	298,877	749,136
Incorporated companies	87	3,612	9,959,583	271,921	11,542,555	27,085,953
Totals	130	4,017	10,959,726	292,247	12,798,590	29,964,551
1960						
Individual ownership	34	298	682,373	16,171	978,969	2,124,956
Partnership	10	89	250,360	2,753	232,947	575,547
Incorporated companies	86	3,616	10,123,828	263,289	11,793,192	27,625,701
Totals	130	4,003	11,056,561	282,213	13,005,108	30,326,204

TABLE 13. Principal Statistics of the Hat and Cap Industry, classified by Number of Employees per Establishment, 1959 and 1960

Group size	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value of factory shipments
	number		dollars			
1959						
Under 5 employees	17	44	80,796	3,362	101,080	233,068
5 to 14 employees	42	373	932,227	17,038	1,011,072	2,477,536
15 " 49 "	50	1,371	3,553,415	53,337	4,331,356	9,559,076
50 " 99 "	12	827	2,362,977	65,650	2,531,501	6,402,596
100 " 199 "	8	1,402	4,030,311	152,860	4,823,581	11,292,275
200 and over	1					
Totals	130	4,017	10,959,726	292,247	12,798,590	29,964,551
1960						
Under 5 employees	20	50	126,408	3,577	153,379	358,733
5 to 14 employees	41	381	939,325	18,843	1,075,013	2,594,679
15 " 49 "	47	1,301	3,462,760	49,035	3,861,772	8,772,035
50 " 99 "	13	910	2,435,399	59,878	3,278,809	7,233,963
100 " 199 "	8	1,361	4,092,669	150,880	4,636,135	11,366,794
200 and over	1					
Totals	130	4,003	11,056,561	282,213	13,005,108	30,326,204

TABLE 14. Consumption of Fuel and Electricity, 1960

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 255	2,351
(b) Imported	" 2,426	30,154
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 42,182	18,138
Fuel oil including kerosene or coal oil	" 760,645	74,044
Gas (a) Liquefied petroleum gases	" 215	114
(b) Other manufactured gas	Mcf. —	—
(c) Natural gas	" 5,542	7,352
Electricity purchased	kwh. 4,639,248	78,310
Steam purchased	—	34,506
2. Establishments reporting group detail: ²		
Cost of fuel	12,746
Cost of electricity	18,078
3. Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity	6,420
4. All establishments:		
Total cost of fuel and electricity	282,213

¹ Establishments generally reporting value of shipments of \$ 200,000 and over.² Establishments generally reporting value of shipments between \$50,000 and \$200,000.³ Establishments generally reporting value of shipments of less than \$50,000.

... Figures not appropriate or not applicable.

List of Firms in the Hat and Cap Industry, 1960 - classified by Principal Products

Name of firm	Location
(a) Hats, Men's	
New Brunswick:	
Bardsley Hats Ltd.	211 Union St. Saint John
Montreal	
Quebec:	
Buckley Brooks Hat Mfg.	271 Ann St.
Magill Hat Mfg.	4060 St. Lawrence Blvd.
Ontario:	
Biltmore Hats, Ltd.	139 Morris St., Guelph
Crean, Robert & Co. Ltd.	18 Balmuto St., Toronto
Shuttleworth, J.R. & Sons, Ltd.	377 Dundas St., London
Stetson, John B. Co., (Canada) Ltd.	Hamilton St., Brockville
Alberta:	
Smithbilt Hats Ltd.	1208-1st St., W. Calgary
(b) Hats, Women's and Children's	
Quebec:	
Montreal	
Acme Hat Co. Ltd.	950 St. Urbain St.
Andrea Novelties	4201 Hotel de Ville St.
Belmore Hat Co. Ltd.	710 Notre Dame St., W.
Charm Hats Inc.	651 Notre Dame St. W.
Charlebois Hat Inc.	710 Notre Dame St. W.
Cute Hat Mfg. Co., The	4388 St. Lawrence Blvd.
D.E.M. Mfg. Co.	937 Victoria Square
Doree Hats Inc.	1485 Bleury Street
Elmo Hat Inc.	261 St. Catherine St. W.
Eric Dolls Reg'd.	751 Howard Ave.
Fashion Headwear, Ltd.	989-991 Cote St.
F. & B. Hat Mfg. Co.	4881A St. Lawrence Blvd.
Jade Hat Mfg.	7688 St. Denis
Justine Hat Mfg. Co. Ltd., The	423 Mayor St.
Kates Millinery Ltd.	395 Mayor St.
Lennox Hat Mfg. Co. Ltd.	1485 Bleury St.
Leone, Joseph, Jr.	1187 Bleury St.
Leopold Inc., Henry	423 Mayor Street
Ludor Hats	62 Rachel St. E.
Luxor Millinery	5240 St. Lawrence Blvd.
Major Headwear Inc.	4318A St. Lawrence Blvd.
Marvel Headwear Ltd.	627 Faillon St.
Metro Hat Mfg. Co. Ltd.	736 Notre-Dame St. W.,
Midway Industries Ltd.	9699 Foucher St.
Mitchell Hat Fashions Ltd.	4602 St. Lawrence Blvd.
Nadelle Inc.	7250 Clark St.

List of Firms in the Hat and Cap Industry, 1960 - classified by Principal Products - Continued

Name of firm	Location
(b) Hats, Women's and Children's - Concluded	
Quebec - Concluded:	Montreal
National Novelty, Ltd. Nugget Novelties Reg'd. Palmer Hat Mfg. Co. Piko Millinery Ltd. Progress Hat Mfg. Co. Ltd. Rio Hat Co. Ros-Ann Mfg. Co. Inc. Saint-Hilaire Inc. Snappy Hat Mfg. Co. Ltd. Sterling Children's Hats Topper Hat Co. Unity Mfg. Co. Ltd. Walker Hats Ltd.	70 De Ramesay St., Sorel 5770 St. Lawrence Blvd. 627 Notre-Dame W., 1470 Peel St. 2070 Clark St. 7 Notre Dame St. E. 3643 St. Lawrence Blvd. 265 de la Couronne, Québec 627 Notre Dame St. W. 4428 St. Lawrence Blvd. 209 St. Catherine St. E. 5655 Christophe Colomb St. 1418 Bleury St.
Ontario:	Toronto
American Hat Co. Ltd. Baron Hats Blossom Hat Company Bond Hat Mfg. Co., The Canadian Felt & Straw Hats Ltd. Case Millinery Limited Charu Hat & Novelty Co. Fashion Hat Mfg. Co. Ltd. Fifth Avenue Novelty Co. G. & G. Hat Mfg. Co. K & G. Hats, Ltd. Lanning, G.T. Ltd. Lynda Hat Co. Ltd. Lynne Hat Co. Ltd. Merson Hat Co. Novelty Hat Ltd. Peggy Anne Hat Co. Rainbow Hats Ltd. Ritz Hat Co. Rogers Frankfort Co. Ltd., The Spencer Hats Ltd. Superior Hat Co. Variety Hat Ltd. Zippin Hat Co. Ltd.	71 York Street 312 Adelaide St. W., 3 Beverley St. 54 Wellington St. W. 312 Adelaide St. W. 266 King St. W. 317 Adelaide St. W. 317 Adelaide St. W. 312 Adelaide St. W. 312 Adelaide St. W. 317 Adelaide St. W. 257 Coleman St., Belleville 312-318 Adelaide St. W. 4 Kensington Ave. 54 Wellington St. W. 972 Queen St. W. 54 Wellington St. W. 317 Adelaide St. W. 317 Adelaide St. W. 317 Adelaide St. W. 54 Wellington St. W. 54 Wellington St. W. 317 Adelaide St. W. 317 Adelaide St. W.
(c) Caps	
Nova Scotia:	
Lewis, J. & Sons Ltd.	Court St., Truro

List of Firms in the Hat and Cap Industry, 1960 - classified by Principal Products - Continued

Name of firm	Location
(c) Caps - Continued	
Quebec:	Montreal
Coronet Headwear Gomberg Mfg. Co., Sam Holden Mfg. Co. Ltd., The J.M. Fur Cap Mfg. Co. London Hat & Cap Mfg. Co., The Maple Leaf Hat & Cap Mfg. Co. Mosani Cap Mfg. Co. Paramount Cap Co. Prince Hat & Cap Mfg. Co. Principal Cap & Sportswear Inc. Scully, William Ltd. Service Hat & Cap Sofin's Sportswear Sport Cap Co. Standard Cap. Mfg. Ltd., Star Cap Uniform Regd. Supreme Hat & Cap Co.	736 Notre Dame W., 1615A St. Lawrence Blvd. 43 & 87 Montcalm St., Hull 3443 St. Lawrence Blvd. 710 Notre Dame St. W. 5758 St. Lawrence Blvd. 1410 Panet St. 5505 St. Lawrence Blvd. 91 King St. 4026 Ontario St. E. 50 Craig St. W. 3430 Park Ave. 108 Mount Royal E. 3700 St. Lawrence Blvd. 917 Ontario St. W., 1067 Bleury St. 1602 St. Lawrence Blvd.
Ontario:	Toronto
Adam Sportswear Co. Ltd. Capital Caps & Headwear Co. Fashion Hat & Cap Co. Ltd. Hamilton Uniform Cap Co. Ltd. Harris Cap & Textiles Co. Ltd. Hewer, A.B. Uniform Caps Ltd. Imperial Hat & Cap Co. Ltd., Krystal Cap Co. Majestic Cap Co. Monarch Hat & Cap Mfg. Co. Muir Cap & Regalia, Ltd. New Style Headwear Ottawa Imperial Cap Co. Parktown Hat & Cap Ltd. Rich Cap & Novelty Co. Stokes Cap & Regalia Ltd. Travers Aprons Ltd. Uniform Cap Co. Victory Cap Co. Ltd.,	18 Balmuto St. 312 Adelaide St. W. 90 Chestnut St. 214 King William St., Hamilton 653 College St. 214 King William St., Hamilton 225 Richmond St. W., 16 Plymouth Ave., 888 College St. 440 Adelaide St. W. 51 Sincoe St. 366 Adelaide St. 116 York St., Ottawa 333 Adelaide St. W. 366 Adelaide St. W. 296 Richmond St. W. 911 Bank St., Ottawa 388 Albert St., Ottawa 174 Catharine St. N., Hamilton
Manitoba:	Winnipeg
Beaver Headwear Ltd. Brill Hat & Cap Co. Ltd. Buffalo Cap & Neckwear, Ltd.	164 Isabel St. 281 McDermot Ave. 250 McDermot Ave. W.

List of Firms in the Hat and Cap Industry, 1960 - classified by Principal Products - Concluded

Name of firm	Location
(c) Caps - Concluded	
Manitoba - Concluded:	Winnipeg
Crown Cap Mfg. Ltd., The	113 Market Ave. E.
Dominion Hat & Cap Co. Ltd.	296 McDermot Ave.
Dressler Headwear Ltd. (Winnipeg Plant)	246 McDermot Ave.
Dressler Headwear Ltd., (Morden Plant)	246-8 McDermot Ave.
Gerb. Mfg. Co. Ltd.	290 McDermot Ave.
M. & G. Cap Mfg. Co.	188 King St.
Manitoba Cap Mfg. Co. Ltd.	288 McDermot Ave.
Modern Headwear Ltd.	88 Arthur St.
Twentieth Century Headwear Ltd.	332 Bannatyne Ave.
British Columbia:	
Western Cap. Co. Ltd., The	456 E. Hastings St., Vancouver
(d) Hat and Cap Makers' Materials	
Nova Scotia:	
Eastern Felt Corporation Ltd.	Court and Prince Streets, Truro
Quebec:	Montreal
Canadian Hatters Supply Co. Ltd.	360 Recollet St.
Hubbard Felt Co. Ltd.	425 Marien Avenue, Montreal East
New York Hat Frame Ltd.	690 Notre Dame St. W.
Selco Hat Frame Ltd.	619 Notre Dame St. W.
Ontario:	
Gordie's Hat Frame & Novelties	312-318 Adelaide St. W., Toronto
Lancashire Felt Co. Of Canada, Ltd.	139 Morris St., Guelph
New Style Hat Frame Co.	312 Adelaide St. W. Toronto
Selrite Hat & Frame Co.	51-53 Bulwer St. Toronto

Section 1: Introduction
This document is a report on the results of a study conducted in the field of...

Section 2: Methodology
The study was conducted using a combination of qualitative and quantitative methods...

Section 3: Results and Discussion
The results of the study indicate that there is a significant correlation between...

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