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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

REPORT

on the

CORSET INDUSTRY

in

CANADA

1930

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Published by Authority of the Hon. H. H. Stevens, M.P.,

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Dominion Statistician: R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.  
Acting Chief, Census of Industry: A. Cohen, B. Com.

THE CORSET INDUSTRY IN CANADA, 1930.

Ottawa, November 1931.- A report on the corset industry in Canada during the calendar year 1930 is herewith presented. Reports were received from 19 establishments. Of this total 13 factories were in the province of Ontario and 6 in Quebec.

Principal Statistics.

A comparative summary of the principal statistics of the industry for the calendar years 1926 to 1930 inclusive is given in Table I.

Table (Ia.) Principal Statistics compared for the years 1926, 1927 and 1928

Principal Statistics		1926	1927	1928
Establishments	No.	16	16	16
Capital investment	\$	4,129,882	4,806,157	4,917,408
Employees on Salaries	No.	288	392	346
Salaries	\$	435,563	395,598	431,004
Employees on Wages	No.	1,019	959	1,072
Wages	\$	625,426	613,897	693,280
Cost of Materials	\$	2,241,554	1,925,962	2,055,416
Gross Value of Products	\$	4,048,926	3,791,748	4,246,948
Net Value of Products	\$	1,807,372	1,865,786	2,191,532

Table (Ib.) Principal Statistics by provinces compared for the years 1929 and 1930.

Principal Statistics		1929		1930	
		Ontario	Quebec	Ontario	Quebec
Establishments	No.	12	5	13	6
Capital investment	\$	2,371,952	2,956,039	1,969,204	3,308,438
Employees on salaries	No.	102	218	109	131
Salaries	\$	169,327	217,460	176,686	108,104
Employees on wages	No.	400	685	526	716
Wages	\$	322,373	375,071	417,732	394,515
Cost of Materials	\$	791,405	1,306,946	955,647	1,265,666
Gross Value of Products	\$	1,796,622	2,422,397	2,111,590	2,467,257
Net Value of Products	\$	1,005,217	1,115,451	1,155,943	1,201,591





### Size of Establishments

In view of the tendency towards concentration in industrial enterprise, a series of tables has been prepared presenting in a threefold way the size of establishments in the Corset industry, measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed, all within certain specified groups or limitations, for the calendar years 1929 and 1930. The tables further indicate the movement of capital, production and employment within the industry.

In 1929 the number of establishments reporting was 17 with a total capital investment of \$5,327,991, a gross value of production of \$4,219,019 and a total employment of 1,405. Eight establishments had a capital investment of \$4,904,115 or 92.02 per cent of the total capital investment and an average investment per establishment of \$613,014.

Eight establishments had a gross value of production of \$3,611,522 or 85.6 per cent of the total value of production, and an average output per establishment of \$451,440. In employment 9 establishments had 1,273 persons on the pay-roll or 90.6 per cent of the total employment and an average of 141.4 per establishment.

In 1930 the number of establishments reporting was 19 with a total capital investment of \$5,277,642, a gross value of production of \$4,578,847 and a total employment of 1,482. Seven establishments had a capital investment of \$4,497,214 or 85.8 per cent of the total capital investment and an average investment per establishment of \$642,459.

Nine establishments had a gross value of production of \$3,938,638 or 86.0 per cent of the total value of production, and an average output per establishment of \$437,626. In employment 9 establishments had 1,278 persons on the pay-roll or 86.2 per cent of the total employment and an average of 142 per establishment.

Capital	1929			1930		
Establishments having a capital	No. of Est.	Total Capital	Average Capital per Establishment	No. of Est.	Total Capital	Average Capital per Establishment
Under 50,000	6	97,488	16,248	6	125,399	20,900
50,000 to under 100,000	1	56,264	56,264	3	207,400	69,133
100,000 to under 200,000	2	270,124	135,062	3	417,629	149,210
200,000 to under 500,000	5	1,307,473	261,494	4	1,216,445	304,111
500,000 to under 1,000,000	1	603,133	603,133	2	1,160,672	580,336
1,000,000 and over	2	2,993,509	1,496,755	1	2,120,097	2,120,097
TOTAL	17	5,327,991	313,411	19	5,277,642	277,771
Employment						
Having an Employment of	No.	Total Employees	Average per Establishment	No.	Total Employees	Average per Establishment
Less than 20 persons	4	20	5.00	5	38	7.6
20 to under 50	4	112	28.00	5	166	33.2
50 to under 100	5	385	77.00	4	358	89.5
100 to under 200	2	269	134.50	3	369	123.0
200 to under 500	2	619	309.50	2	551	275.5
500 and over	-	-	-	-	-	-
TOTAL	17	1,405	82.65	19	1,482	78.0
Production						
	No.	Total Production	Average per Establishment	No.	Total Production	Average per Establishment
Under 50,000	4	37,551	9,388	4	14,569	3,642
50,000 to under 100,000	3	221,600	73,867	3	201,475	67,158
100,000 to under 200,000	2	348,346	174,173	3	424,165	141,388
200,000 to under 500,000	5	1,966,566	393,313	7	2,450,679	350,097
500,000 and over	2	1,644,956	822,478	2	1,487,959	743,979
TOTAL	17	4,219,019	248,478	19	4,578,847	240,992





# PRODUCTION

The quantity and value of all products of the industry is given by provinces in Table 2 for the calendar year 1930. The total value of production in 1929 was \$4,219,019, whilst for the period covered by this report the amount reported was \$4,578,847, an increase of \$359,828 or 8.5 per cent. To this total the province of Quebec contributed \$2,467,257 or 53.9 per cent, whilst Ontario was accountable for \$2,111,590 or 46.1 per cent.

Table 2. - Products by Provinces, 1930.

Principal Products		CANADA		QUEBEC		ONTARIO	
		Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$
Corsets	Dozen	148,682	2,403,155	95,019	1,258,379	53,663	1,144,776 ↓
Combination )	"						
Garments )	"	75,740	1,327,065	59,179	731,766	16,561	595,299
Children's waists	"	8,902	29,750	8,773	27,890	129	1,860
Bandeaux and brassieres	"	92,221	556,596	74,288	371,254	17,933	185,342
Supporters and suspenders	"	13,197	58,091	-	-	13,197	58,091
Belts and girdles	"	4,268	60,991	1,672	39,287	2,596	21,704
Protectors	"	42	430	-	-	42	430
Sanitary and rubber goods	"	-	11,360	-	11,360	-	-
Garters and supporters	"	1,118	4,028	83	498	1,035	3,530
Shoulder braces and straps	"	1,284	3,195	487	1,365	797	1,830
All other products		-	124,186	-	25,458	-	98,728
T O T A L		-	4,578,847	-	2,467,257	-	2,111,590





### Materials Used

The quantity and value of the materials used in the industry during the calendar year 1930 is given by provinces in Table 3. The total cost of all materials used amounted to \$2,221,313, which was an increase of \$122,962 over the amount reported for the previous year. To this total the province of Quebec contributed \$1,265,666 or 56.9 per cent, whilst Ontario was accountable for \$955,647 or 43.1 per cent.

Table 3.- Materials Used, By Provinces, 1930.

Principal Materials		Canada		Quebec		Ontario	
		Quantity	Cost Value	Quantity	Cost Value	Quantity	Cost Value
			\$		\$		\$
Cloth	yard	342,931	67,962	337,767	66,364	5,164	1,598
Cotton and coutil	yard	1,254,620	349,415	737,395	184,570	517,225	164,845
Silk, sateen, brocade	yard	839,740	493,671	593,950	291,731	245,790	201,940
Elastic	yard	1,973,690	458,977	1,308,558	286,334	665,132	172,643
Lace, ribbon and embroidery -		-	43,206	-	23,416	-	19,790
Tape and binding	gross	57,628	88,571	37,231	44,630	20,397	43,941
Corset laces	gross	13,062	26,240	3,727	9,780	9,335	16,460
Steels and boning wire		-	112,027	-	61,606	-	50,421
Trimmings		-	15,189	-	12,659	-	2,530
Buttons and loops		-	19,386	-	10,163	-	9,223
Eyelets, clasps and buckles		-	60,932	-	31,233	-	29,699
Garter parts		-	54,895	-	38,500	-	16,395
Thread		-	34,940	-	23,658	-	11,282
All other materials		-	395,902	-	181,022	-	214,880
T O T A L		-	2,221,313	-	1,265,666	-	955,647

### Capital Investment

The capital employed in the industry during the calendar year 1930, is given in Table 4. by provinces subdivided into fixed and working capital. The total capitalization of the industry fell from \$5,327,991 in 1929 to \$5,277,642 in 1930, a decrease of \$50,349. Of the total amount \$1,715,402 represents fixed capital, whilst working capital was reported at \$3,562,240.

Table 4.- Capital Investment by Provinces, 1930.

Provinces	Fixed Capital	Working Capital		
	Land, buildings fixtures, machinery and tools	Materials on hand, stocks in process, etc.	Cash trading and operating accounts, etc.	Total Capital
	\$	\$	\$	\$
CANADA	1,715,402	1,357,547	2,204,693	5,277,642
Quebec	945,385	798,663	1,564,390	3,308,438
Ontario	770,017	558,884	640,303	1,969,204

### Employees, Salaries and Wages

The number of persons employed in the industry during the calendar year 1930 is shown by provinces in Table 5 (a) classes of employment, (b) sex and (c) salary and wage payments. The total employees in all classes rose from 1,408 in 1929 to 1,482 in 1930, an increase of 74, whilst the total expenditure for salaries and wages was \$1,084,457 in 1929, as compared with \$1,097,037 in 1930, an increase of \$12,580 during the two year period.

Table 5. - Employees, Salaries and Wages, 1930.

Classes of employment by sex		CANADA	Quebec	Ontario
Salaried employees - male	No.	105	64	41
female	No.	135	67	68
Total Salaries	\$	284,790	108,104	176,686
Wage-earners (average number) - male	No.	98	33	65
female	No.	1,144	683	461
Total Wages	\$	812,247	394,515	417,732
Outside piece workers - female	No.	3	1	2
Amount paid	\$	470	133	337
Total male employees	No.	203	97	106
Total female employees	No.	1,282	751	531
Total salaries and wages	\$	1,097,507	502,752	594,755







## Other Employment Statistics

The number of days the factories were in operation during the calendar year 1930, together with the number of hours per day and per week normally worked by wage-earners will be found in Table 6 (a). The number of wage-earners employed during the same period is given by months and by sex in Table 6 (b). Employment reached its maximum in August with 1,265, whilst the minimum number recorded was in January with 1,180.

Table 6. (a). - Days in operation and hours worked, 1930.

Number of establishments in operation	19	
	Total	Average
Days in operation on full time	4,750	250.00
Days in operation on part time	598	31.47
Days idle	428	22.53
Hours worked by wage-earners per day	160	8.42
Hours worked by wage-earners per week	859	45.21

Table 6. (b). - Wage-earners by months, 1930.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	95	1,085	July	97	1,135
February	96	1,130	August	100	1,165
March	96	1,149	September	98	1,157
April	96	1,160	October	100	1,155
May	97	1,147	November	98	1,136
June	97	1,132	December	98	1,108
				Total 1,168	13,657
				Average number employed during the year 98	1,144

### Fuel Consumption

The quantity and cost of the various kinds of fuel consumed during the calendar year 1930 is given in Table 7. The total expenditure for fuel of all kinds and electricity rose from \$13,808 in 1929 to \$16,078 in 1930, an increase of \$2,270. Bituminous coal was the principal item of fuel used with a total cost of \$6,965, the next in order of importance being fuel oil, with \$1,492. The cost of electricity purchased was \$5,963, as compared with \$5,269 in 1929.

Table 7.- Fuel Consumption, 1930.

Kinds of fuel	Unit of Measure	Quantity	Cost Value
Bituminous coal	ton	849	\$ 6,965
Anthracite coal	ton	104	1,268
Coke	ton	32	288
Fuel oil	-	-	1,492
Other fuel	-	-	102
Electricity	-	-	5,963
TOTAL		-	16,078





### Power Installation

The power installed in the industry for the calendar year 1930 is given in Table 8, by (a) classes of power, (b) number of units in each class and (c), the horse power capacity according to manufacturers' rating. The total installation in 1929 was 89 units with a capacity of 346 horse power. For the period covered by this report the number of units was 112 developing 406 horse power, a net increase of 60 horse power.

Table 8.- Power Installation, 1930.

Classes of power	Number of Units	Horse-power Capacity
Steam engines and turbines	1	100
Electric motors operated by purchased power	111	306
Total power installation	112	406

### Imports and Exports

The quantity and value of the various partly manufactured materials together with the number and value of finished corsets imported into Canada for consumption is given by principal countries of origin in Table 9 for the calendar year 1930. The quantity and value of corsets and brassieres, the produce of Canada exported during the same period will be found by principal countries in Table 10.

Table 9.- Imports by Countries, 1930.

Articles Imported	United Kingdom		United States		Other Countries	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Woven fabrics, wholly of cotton imported by manufacturers of corsets	-	1,935	-	62,800	-	-
Corset clasps, busks, steels and covered corset wire	-	1,734	-	19,485	-	415
Tips, studs and eyes for corsets clasps and corset wires	-	-	-	8,456	-	-
Steel wire flat No. 20 gauge or thinner for mfr. of corsets	Cwt. 35	708	1,282	16,967	-	-
Corsets of cotton	No. 6	68	2,343	5,257	181	523
Corsets of silk or artificial silk	No. 24	51	20,426	65,412	1,770	8,250
TOTAL	-	4,496	-	178,377	-	9,188

Table 10.- Exports by Countries, 1930.

Articles exported	Quantity	Value
	No.	\$
Corsets and brassieres, total exports		
United Kingdom	91,444	108,496
United States	4,072	10,229
Newfoundland	75	109
Australia	19,839	15,095
New Zealand	1,367	3,607
Bermuda	63,802	75,539
All other countries	2,289	3,917





APPENDIX "A"

Corset Manufacturers operating in Canada, 1930.

<u>Name</u>	<u>Location</u>
The E. T. Corset Co. Ltd.,	46 Laframboise St., St. Hyacinthe, Que.
Dominion Corset Co.	45 Dorchester St., Quebec, Que.
C. J. Grenier & Cie	4835 Colonial Ave., Montreal, Que.
Parisian Corset Mfg. Co. Ltd. and)	
Natures Rival Co. of Canada, Ltd.)	599 St. Valier Street, Quebec, Que.
Perfection Corset Co. Ltd.,	38 rue Champlain, Quebec, Que.
Spencer Corset (Canada) Ltd.	Rock Island, Quebec.
F. J. Allward Co. Ltd.,	600 Bay St., Toronto 2, Ont.
Bias Corsets Ltd.,	41 Britain St., Toronto 2, Ont.
Eisman and Co. Ltd.	24 Spadina Ave., Toronto 2, Ont.
Kops Bros. Limited	559 College St., Toronto, Ont.
Lady Mac of Canada Ltd.	91 Wellington St. W., Toronto, Ont.
The NuBone Corset Co. of Canada, Ltd.	64 Niagara St., St. Catharines, Ont.
Spirella Co. of Canada, Ltd.	1651 River Road, Niagara Falls, Ont.
M. J. Walsh (Miss)	601 College Street, Toronto 4, Ont.
Woolnough Corsetiers	28 Bloor St., West, Toronto 2, Ont.
The Canadian E. W. Gossard Co. Ltd.	366 West Adelaide, Toronto 2, Ont.
Modart of Canada, Limited,	238 Broadview Ave., Toronto, Ont.
The T. Eaton Co. Limited,	190 Yonge St., Toronto 2, Ont.
Williams and Fisher, Limited	260 Spadina Ave., Toronto, Ont.



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Current membership statistics as of January 1970

1970

1970

1. The number of members of the Canadian Association of Statisticians, 1970, was 1,200. This represents an increase of 10% over the number of members in 1969. The increase was due to the addition of 120 new members and the loss of 20 members who had moved to other countries. The new members were distributed as follows: 60 in the field of statistics, 40 in the field of mathematics, and 20 in the field of economics. The loss of members was due to the fact that 20 members had moved to other countries. The following table shows the distribution of members by field of interest, 1970.

2. The number of members of the Canadian Association of Statisticians, 1970, was 1,200. This represents an increase of 10% over the number of members in 1969. The increase was due to the addition of 120 new members and the loss of 20 members who had moved to other countries. The new members were distributed as follows: 60 in the field of statistics, 40 in the field of mathematics, and 20 in the field of economics. The loss of members was due to the fact that 20 members had moved to other countries. The following table shows the distribution of members by field of interest, 1970.