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CENSUS OF INDUSTRY

REPORT
on the
CORSET INDUSTRY
in
CANADA
1922

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Published by Authority of the Hon. Thos. A. Low, M. P.,
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OTTAWA

1922

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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA

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THE CORSET INDUSTRY IN CANADA, 1922.

Ottawa, June, 1924.- The Dominion Bureau of Statistics presents herewith a report on the Corset industry in Canada for the calendar year 1922. The number of establishments reporting to the Bureau in 1921 was 11, which in 1922 has increased to 16 as shown in the subjoined table by provinces:-

	1921	1922
Ontario	7	9
Quebec	4	7
TOTAL	11	16

PRINCIPAL STATISTICS

The principal statistics of the industry are compared for the calendar years 1921 and 1922 in the following summary table. A column showing increases or decreases is added:

Principal Statistics of the Corset Industry compared for 1921-1922

Principal Statistics	1921	1922	Increase X Decrease -
Establishments reporting No.	11	16	X 5
Capital investment..... \$	5,705,509	6,021,963	X 316,454
Employees on salaries -			
Males No.	184	207	X 23
Females No.	125	124	- 1
Salaries \$	502,858	561,790	X 58,932
Employees on wages -			
Males No.	77	95	X 18
Females No.	1,064	1,307	X 243
Wages \$	590,285	684,531	X 94,246
Outside piece-workers -			
Males No.	-	5	X 5
Females No.	1	2	X 8
Amount paid \$	53	6,735	X 6,685
Cost of fuel \$	10,818	12,076	X 1,258
Power installed -			
Units No.	38	74	X 36
Capacity H.P.	193	365	X 172
Miscellaneous expenses \$	892,403	673,430	- 218,973
Cost of materials \$	2,805,837	2,634,153	- 171,684
Value of products \$	5,453,725	5,234,983	- 178,759
Value added by manufacture	5,657,886	5,510,833	- 7,055

An analysis of the costs of production for the calendar year 1921 shows that 20.01 per cent was required for the payment of salaries and wages, 16.51 per cent for fuel and miscellaneous expenses and 51.35 per cent for the cost of materials, the remaining 12.11 per cent constituting a fund for the payment of interest on capital invested and of profits on the years operations. In 1922 the percentage of the cost of salaries and wages was 26.71, of fuel and miscellaneous expenses 12.97 and of materials used 49.84, leaving a balance of 13.48 per cent for distribution of interest charges and profits on the years operations.

THE CORSET INDUSTRY IN CANADA, 1922.PRODUCTION

The statistics of production in the Corset industry are presented in Table 1 by quantity and value of each of the principal products. The total value shows a decrease from the previous year amounting to \$178,739, which is accounted for by the lower cost of materials and in the decreased output of 1922. The number of corsets produced fell from 232,095 dozen in 1921 to 212,073 dozen in 1922, brassieres from 75,252 dozen in 1921 to 52,125 dozen in 1922, and supporters from 16,758 dozen in 1921 to 15,651 dozen in 1922. On the other hand children's waists increased from 11,118 dozen in 1921 to 16,706 dozen in 1922 and bandeaux from 10,675 dozen in 1921 to 33,356 dozen in 1922. The decrease in the cost of materials varied from 9.1 per cent in corset cloth to 33 1/3 per cent in silks, sateens and brocades, as will be seen by reference to a summary table under the head of "Materials used". The Province of Quebec furnished over 66 per cent of the total value of production, Ontario providing the remaining 34 per cent.

Table 1.- Production Statistics by Provinces, 1922.

Articles Produced	CANADA		ONTARIO		QUEBEC	
	Quan. Doz.	Selling Value	Quan. Doz.	Selling Value	Quan. Doz.	Selling Value
		\$		\$		\$
Corsets	212,073	3,967,836	30,022	1,073,740	182,051	2,894,096
Children's waists	16,706	90,331	998	8,887	15,708	81,444
Bandéaux	33,356	163,745	2,152	9,594	31,204	154,151
Brassieres	52,125	362,185	15,986	144,991	36,139	217,194
Brassierettes ..	15	358	15	358	-	-
Belts	1,505	13,056	1,490	12,941	15	115
Garters	41,388	123,395	41,308	123,235	80	160
Supporters	15,651	47,954	15,651	47,954	-	-
Suspenders	15,272	75,567	15,272	75,567	-	-
Corselets	2,000	25,000	-	-	2,000	25,000
Laces	-	14,097	-	-	-	14,097
All other products	-	401,462	-	379,773	-	21,689
TOTAL VALUE		5,284,986		1,877,040		3,407,946

CAPITAL INVESTMENT

The amount of capital invested in the Corset Industry is shown in Table 2 by items and provinces. Fixed capital for the Dominion totalled \$983,247 or 16.3 per cent and working capital \$5,038,716 or 83.7 per cent. The province of Quebec supplied nearly 75 per cent of the total investment and Ontario about 25 per cent. Compared with the year 1921, there was an increase in capital investment from \$5,705,509 to \$6,021,963 or a little more than 5½ per cent.

Table 2.- Capital Investment by Items and Provinces, 1922

Provinces	Fixed Capital		Working Capital		Total Capital
	Land, buildings and fixtures	Machinery and tools	Materials on hand stocks in process, &c.	Cash, trad- ing and operating acct., etc.	
CANADA	\$ 693,199	\$ 290,048	\$ 1,351,176	\$ 3,687,540	\$ 6,021,963
Ontario	180,451	111,293	570,695	635,456	1,497,895
Quebec	512,748	173,755	780,481	3,052,084	4,524,068

THE CORSET INDUSTRY IN CANADA, 1922.EMPLOYEES, SALARIES AND WAGES

Statistics of employment are presented by provinces in Table 3, showing the number of persons employed by classes, sex, and the remuneration paid to each class. The average salary paid irrespective of class or sex was \$1,697 and the average wage \$480.

Table 3.- Employees, Salaries and Wages by classes of Employment and Provinces, 1922.

Classes of Employees		CANADA	Ontario	Quebec
Salaried officers of corporations -				
Male	No.	22	8	14
Female	No.	2	1	1
Salaries	\$	100,360	41,120	59,240
General superintendents, managers, &c. -				
Male	No.	22	11	11
Female	No.	1	-	1
Salaries	\$	97,062	33,542	63,520
Technical experts, engineers, etc. -				
Male	No.	12	9	3
Female	No.	5	2	3
Salaries	\$	33,390	26,112	7,278
Clerks, stenographers, etc. -				
Male	No.	151	34	117
Female	No.	116	55	61
Salaries	\$	330,978	126,522	204,456
Wage earners, average number -				
Male	No.	95	56	39
Female	No.	1,307	389	918
Wages	\$	684,531	296,609	387,922
Outside piece-workers -				
Male	No.	5	-	5
Female	No.	9	1	8
Amount paid	\$	6,738	33	6,700
TOTAL - ALL EMPLOYEES -				
MALE	No.	307	113	189
FEMALE	No.	1,440	448	992
TOTAL SALARIES, WAGES, &c.	\$	1,253,059	523,943	729,116

EMPLOYMENT BY MONTHS

Another feature of employment is presented in Table 4, in which the number of persons on the payroll on the 15th of each month or nearest representative date, exclusive of salaried employees, is given. It will be noted that employment was fairly steady throughout the year, ranging from a total payroll of 1,461 in March to one of 1,286 in December.

Table 4.- Employment Statistics as per payroll on the 15th of each month.

Months	No. of Employees	
	Male	Female
January	99	1,305
February	99	1,329
March	100	1,361
April	101	1,345
May	96	1,364
June	102	1,295
July	96	1,320
August	93	1,336
September	92	1,309
October	89	1,302
November	91	1,213
December	88	1,198
AVERAGE FOR THE YEAR	95	1,307

THE CORSET INDUSTRY IN CANADA, 1922.OTHER LABOUR STATISTICS

The working time of plants and employees is presented in Table 5 by provinces for the calendar year 1922. The operating time of the plants is shown under three distinct heads, (a) full time, (b) part time and (c) idle, and that of employees by the number of hours worked per day or shift and per week. Averages of working time are added to complete the table.

Table 5.- Working Time of Plants and Employees by Provinces, 1922

	Canada	Ontario	Quebec
Plants operating	16	9	7
Operating time of plants -			
On full time	3,933	2,106	1,827
On part time	608	400	205
Idle	323	227	96
Hours of labour of employees -			
Per day or shift	133	72	61
Per week	749	404	345
Averages per plant of -			
Days in operation	283.81	278.80	290.30
Hours per day	8.31	8.00	8.73
Hours per week	46.81	44.89	49.28

POWER EMPLOYED

Table 6 presents statistics of power installation by provinces under the following heads:- (a) the number of units in each class and (b) the horsepower capacity according to manufacturers rating. The horsepower capacity of boilers is also separately stated.

Table 6.- Power Installation by Provinces, 1922.

Classes of Power	CANADA	ONTARIO	Quebec
Steam engines and turbines -			
Units No.	1	-	1
Capacity H.P.	100	-	100
Electric motors, operated by owned power -			
Units No.	22	1	21
Capacity H.P.	44	1	43
Electric motors operated by rented power -			
Units No.	51	36	15
Capacity H.P.	221	141	80
Boilers installed -			
No.	3	1	2
	H.P.	310	160
			150

FUEL CONSUMPTION

The quantity and cost value delivered at the factory or works of the various classes of fuel used during the year is shown by classes for the Dominion in Table 7. Coal is the principal fuel used and represented 99 per cent of the total cost of all fuel used.

Table 7.- Fuel Consumption by Classes, 1922.

Classes of Fuel	Unit	Quantity	Cost Value
Coal, bituminous	Short ton	1,064	\$ 10,326
Coal, anthracite	" "	142	1,710
Gasoline	Imp.gal.	5	2
Fuel oil	" "	15	3
Gas, artificial or natural	m.c.ft.	51	35
TOTAL COST OF FUEL			12,076

THE CORSET INDUSTRY IN CANADA, 1922.MATERIALS USED

The quantity and the cost value of the materials used in the industry during the year is shown by items and provinces in Table 8. A table showing the prices of materials laid down at the works for the calendar years 1921 and 1922 indicate a decrease in the latter year varying from 9.1 per cent for corset cloth to 32.3 per cent for silk, sateen and brocades.

Cost of Materials compared for 1921 and 1922.

Materials	Unit	Cost Price		Decrease per cent
		1921	1922	
Cloth	yd.	.44	.40	9.1
Cotton and coutil	"	.395	.30	24.0
Silk, satin and brocade	"	1.32	.88	33.3
Elastic	"	.128	.104	18.7
Corset laces	gr.	4.08	2.90	29.0
Corset steels	lb.	.317	.26	18.0
Boning wire	"	.45	.313	30.0

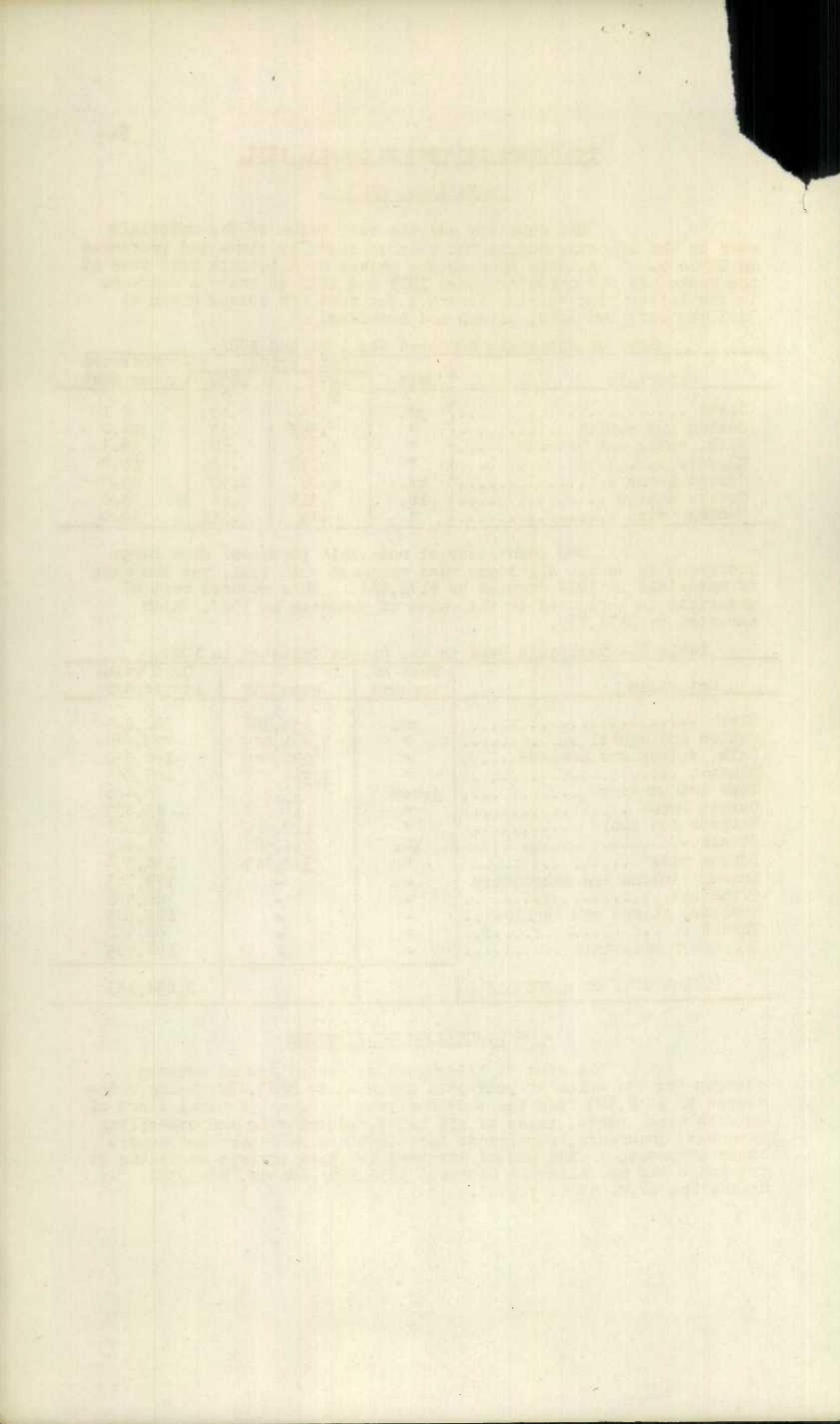
The quantities of materials purchased show large increases in nearly all items when compared with 1921, yet the cost of materials in 1922 dropped by \$171,684. This reduced cost of materials is reflected in the value of products in 1922, which amounted to \$178,739.

Table 8.- Materials Used in the Corset Industry in 1922.

Materials	Unit of measure	Quantity	Cost Value at factory
Cloth	yd.	654,367	262,244
Cotton and coutil	"	2,661,449	799,668
Silk, sateen and brocade	"	220,045	194,032
Elastic	"	3,539,495	407,863
Tape and binding	gross	39,619	78,466
Corset laces	"	11,997	43,583
Buttons and loops	"	112,485	83,024
Steels	lb.	234,982	61,029
Boning wire	"	332,349	104,256
Laces, ribbons and embroidery	-	-	179,763
Trimmings	-	-	66,568
Eyelets, clasps and buckles ..	-	-	124,284
Thread	-	-	60,388
All other materials	-	-	163,985
TOTAL COST OF MATERIALS			2,634,153

MISCELLANEOUS EXPENSES

The cost of "overhead" or miscellaneous expense charges for the calendar year 1922 amounted to \$673,430, being a decrease of \$218,973 from the previous year. The principal items of expense were rents, taxes of all kinds, advertising and travelling expenses, insurance, repairs to buildings and machinery and sundry other expenses. The amount expended for this purpose according to provinces was as follows:- Ontario, \$330,108; Quebec, \$343,322, making the total above stated.



THE CORSET INDUSTRY IN CANADA, 1922.IMPORTS AND EXPORTS

Statistics of the values of Imports for consumption in Canada and Exports, the produce of Canada, are shown by countries in Table 9 for the calendar year 1922.

Table 9.- Imports and Exports of Corsets and Corset Materials, calendar year, 1922.

	United Kingdom		United States		Other Countries	
	Quan.	Value	Quan.	Value	Quan.	Value
IMPORTS -						
Jeans, coutilles & sateens for the mfr. of corsets, etc.....yd.	191,053	50,144	379,509	122,658	1,543	981
Corset clasps, busks, steels, etc..... -	-	281	-	54,007	-	51
Tips, studs and eyes for the mfr. of corset clasps -	-	-	-	43,465	-	-
Steel wire, flat No. 16 gauge or thinner for mfr. of corsets, etc.....cwt	-	.7	1,932	22,831	-	-
Corsets of all kinds -	-	5,000	-	245,150	-	797
TOTAL VALUE OF IMPORTS		55,425		438,111		1,829
EXPORTS -						
Corsets and parts	-	255,145		321		498,608

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