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CENSUS OF INDUSTRY

REPORT

on the

LEATHER BOOT & SHOE INDUSTRY

in

CANADA

1920

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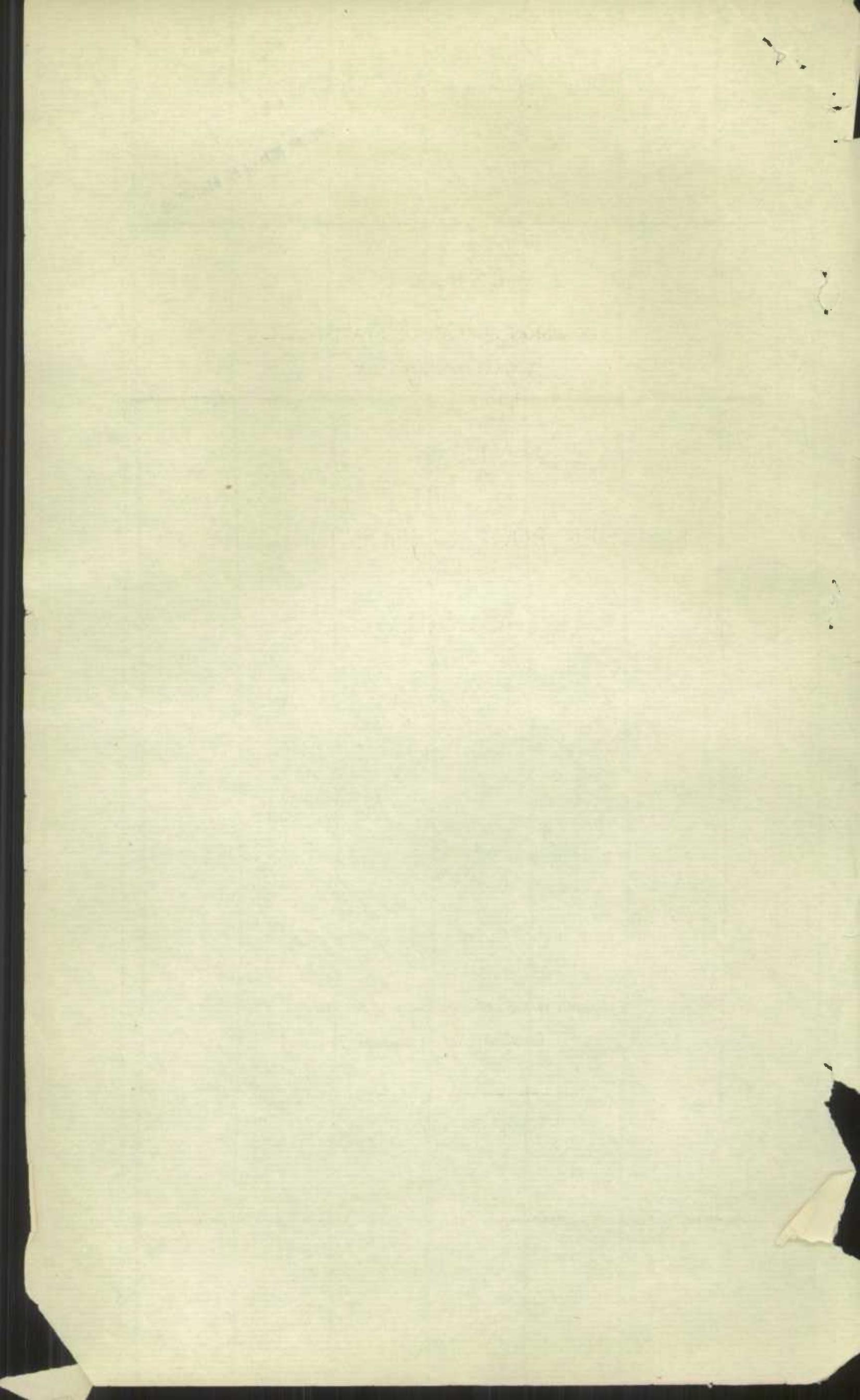
Minister of Trade and Commerce.

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OTTAWA

APRIL

1922



THE LEATHER BOOT AND SHOE INDUSTRY, 1920.

PRINCIPAL STATISTICS, continued.

(b) Principal Statistics compared for the years 1919 and 1920 with increase or decrease under each item.

Items		1920	1919	Increase or decrease
Factories reporting	No.	173	161	12
Capital invested	\$	34,347,026	38,680,581	-4,333,555
Salaried employees -				
Male	No.	1,176	1,437	-261
Female	No.	415	394	21
Salaried paid	\$	3,194,620	2,927,037	267,583
Wage earners -				
Male	No.	7,188	8,318	-1,130
Female	No.	4,451	5,192	-741
Wages paid	\$	11,010,650	10,323,707	686,943
Cost of fuel	\$	239,985	168,954	71,031
Power -				
Units	No.	875	781	94
Capacity	H.P.	11,188	6,361	4,827
Used	H.P.	8,455	5,166	3,289
Miscellaneous expenses	\$	6,274,029	4,408,646	1,865,383
Cost of materials	\$	40,291,595	40,523,696	-232,101
Value of products	\$	66,817,174	63,319,128	3,498,046

Note - The minus sign (-) denotes a decrease.

PRODUCTION.

The quantity and selling value at the factory of leather footwear is given in the table below. In order to permit comparison of individual items, the 1919 figures are also shown. The value of products in 1920 is reported at \$66,817,174, an increase of \$3,498,046 over 1919. There is a decrease of 1,127,894 pairs of boots reported, the total having fallen to 17,693,966 in 1920.

Classes of Products	1920		1919	
	No. of prs.	Factory Value	No. of prs.	Factory Value
	No.	\$	No.	\$
Boots and Shoes -				
Men's	4,805,005	26,689,531	5,417,956	25,454,982
Boys'	1,028,567	3,664,465	864,224	2,604,573
Youths'	521,910	1,453,387	565,037	1,269,860
Ladies'	5,509,992	23,655,758	5,747,248	22,180,983
Misses'	846,994	2,197,996	1,404,494	3,139,493
Girls'	1,038,655	2,001,257	1,774,670	3,093,325
Slippers -				
Men's, boys' and youths'	731,562	959,732	502,601	718,237
Ladies', misses & girls'	1,809,369	2,206,719	1,223,939	1,556,552
Infants shoes & slippers	814,975	811,424	861,505	855,441
Larrigans	213,713	973,476	185,411	607,425
Moccasins	373,219	959,462	344,775	641,067
All other kinds	-	1,171,285	-	1,080,267
Custom and repair work	-	70,182	-	56,923
TOTALS	17,693,966	66,817,174	18,891,860	63,319,128

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA.

Dominion Statistician: R. H. Coats, B.A., F.S.S.
 Chief, Census of Industry: J. C. Macpherson.

THE LEATHER BOOT AND SHOE INDUSTRY,
1920.

Ottawa, April, 1922:- The Dominion Bureau of Statistics presents an Advance report on the Leather Boot and Shoe Industry in Canada for the calendar year 1920. Returns were received from 173 plants in 1920, as against 161 in 1919. The factories in operation were distributed by provinces as follows: British Columbia, 5; New Brunswick, 5; Nova Scotia, 4; Ontario, 66 and Quebec, 93. Of the twelve additional factories, Ontario accounted for ten and Quebec is credited with the remaining two.

PRINCIPAL STATISTICS.

The two tables following show the principal statistics of the Leather Boot and Shoe industry (a) by provinces and (b) by comparison for the years 1919 and 1920. Continued increase is shown in the development of this industry. The province of Quebec still retains the leading place with nearly two-thirds of the total production, Ontario with \$19,739,326 is second in importance with New Brunswick in third place with a total of \$2,774,475.

(a) PRINCIPAL STATISTICS FOR CANADA AND THE PROVINCES, 1920.

Provinces	Facto- ries	Capital	Emplay- ees	Salaries & Wages	Cost of Materials	Value of Products
	No.		\$	No.	\$	\$
CANADA	173	34,347,026	13,230	14,205,270	40,291,595	66,817,174
Quebec	93	20,547,595	7,735	8,701,278	25,952,470	42,816,953
Ontario	66	10,806,200	4,664	4,689,647	11,567,513	19,739,326
Br. Columbia.	5	345,795	135	170,588	458,814	667,903
New Brunswick	5	1,402,498	496	493,844	1,787,637	2,774,475
Nova Scotia.	4	1,244,938	200	149,912	525,161	812,517

THE LEATHER BOOT AND SHOE INDUSTRY, 1920.

CAPITAL INVESTMENT.

The amount of active capital employed in this industry is shown in the following summary table for each province and for the Dominion. The total for 1920 is \$4,333,555 lower than in 1919. The decrease is due to the reduction of materials on hand, stocks in process, etc., which show a decrease of \$5,899,277

Capital invested by items and provinces, 1920

Provinces	Land, build-ings and fixtures	Machinery and tools	Materials on hand, stocks in process, &c.	Cash, trad-ing and operating accts. etc.	Total Capital
CANADA	7,223,197	4,289,071	14,485,268	8,349,490	34,347,026
Quebec	5,016,921	2,338,628	8,049,388	5,142,658	20,547,595
Ontario	1,871,935	1,710,729	4,605,093	2,618,443	10,806,200
Br. Columbia .	6,222	37,062	291,616	10,895	345,795
New Brunswick.	171,305	100,646	754,563	375,983	1,402,497
Nova Scotia ..	156,813	102,006	784,608	201,511	1,244,938

EMPLOYEES, SALARIES AND WAGES.

The number of employees and their salary and wage payments are given in the accompanying tables. In table (a) salaried employees and wage earners are shown separately for Canada and the provinces and in table (b) employees are shown by classes for the whole industry.

(a) Employees, Salaries and Wages for Canada and Provinces, 1920

Provinces	Employees on Salaries			Employees on Wages		
	Male	Female	Salaried	Male	Female	Wages
	No.	No.	\$	No.	No.	\$
CANADA	1,176	415	3,194,620	7,188	4,451	11,010,650
Quebec	648	185	1,861,077	4,242	2,660	6,840,201
Ontario	459	207	1,105,027	2,407	1,591	3,523,620
British Columbia ...	3	3	7,385	101	28	163,203
New Brunswick	44	19	121,331	311	122	372,513
Nova Scotia	22	1	38,800	127	50	111,113

(b) Employees by classes of employment, 1920.

Classes of Employment	No. of Employees		Salaries and Wages
	Male	Female	
Officers, superintendents, managers	451	34	\$ 1,585,140
Clerks, stenographers and other salaried employees	725	381	1,609,480
Wage earners, average number	7,129	3,916	10,839,233
Outside piece-workers	59	535	121,417
TOTALS	8,364	4,866	14,205,270

CLASSIFIED WEEKLY WAGE PAYMENTS.

The tabulation below divides male and female employees over and under 16 years of age according to the weekly wages they are paid. The figures represent the average number on the pay-rolls of firms reporting as on December 15th, 1920.

Groups of Weekly wage payments	Over 16 yrs.		Under 16 yrs.		Total Employees
	Male	Female	Male	Female	
Under \$5 per week	154	261	36	47	498
\$5 but under \$10 per week	615	1,095	84	151	1,945
\$10 " " \$15 " "	1,133	1,223	33	36	2,425
\$15 " " \$20 " "	1,162	614	7	5	1,788
\$20 " " \$24 " "	1,018	215	9	2	1,244
\$24 " " \$28 " "	1,003	60	3	-	1,066
\$28 " " \$30 " "	299	2	-	-	301
\$30 per week and over	1,316	12	1	-	1,329
TOTALS	6,700	3,482	173	241	10,596

OTHER LABOUR STATISTICS.

Working time and days idle are given in the summary below. The table also shows the total for all plants and the average per factory. Hours worked per day and per week are also given.

	Total	Average per factory.
Days worked on full time	42,243	244.1
Days worked on part time	5,192	30.0
Days, plants idle	5,157	29.9
Average number of hours worked per day		9.0
Average number of hours worked per week		51.1

The next table shows similar statistics for each of the provinces in 1920:-

Provinces	No. of pnts.	Number of days			Average hours worked	
		On full time	On part time	idle	Per day shift	or per week
Quebec	93	22,806	3,052	2,414	9.3	52.0
Ontario	66	15,655	1,974	2,435	8.7	51.0
Br. Columbia	5	1,488	-	22	8.4	50.4
New Brunswick	5	1,402	80	38	9.2	54.4
Nova Scotia .	4	892	86	238	8.5	50.0
CANADA	173	42,243	5,192	5,157	9.0	51.1

MATERIALS USED.

The quantity and cost value delivered at the factory of all materials effectively employed in this industry during the year is shown in the table below:-

Kind	Unit of measure	Quantity	Cost Value
Upper leather purchased by measure	feet	33,647,124	18,927,635
Upper leather purchased by weight	lb.	1,709,852	906,855
Sole leather	lb.	14,552,882	8,590,364
Lining leather	feet	4,337,112	941,957
Leather cut stock including soles, insoles and heels	doz.pr.	484,925	1,847,393
All other leather	-	-	985,958
Ducks and other linings (not including leather)	yds.	3,358,262	1,348,276
Prepared heels, counters, shanks, box toes, etc.	-	-	1,375,032
Rubber heels	doz.pr.	132,011	213,158
Rubber and composition soles	doz.pr.	59,321	110,270
Thread	-	-	480,010
Shoe nails, pegs, & all other findings	-	-	1,893,151
All other materials, (labels, boxes, cases, etc.)	-	-	2,566,436
TOTAL VALUE OF MATERIALS USED			\$40,291,595

FUEL CONSUMPTION.

The comparative statement below shows for the years 1919 and 1920 the kind, quantity and cost of fuel consumed in this industry. The increased expenditure under this head during 1920 amounted to \$71,031. Bituminous coal with 16,032 tons costing \$164,085 is again the largest individual item.

Kind	Unit of measure	1919		1920	
		Quantity	Cost Val.	Quantity	Cost Val.
Bituminous coal	ton	17,689	134,160	16,032	164,085
Anthracite coal	"	1,825	20,546	4,267	55,874
Gasoline	gals.	9,114	3,193	9,373	3,991
Fuel oil	"	25,768	2,277	776	161
Gas	m.c.ft.	12,955	2,440	3,560	3,495
All other fuel	val. only	-	6,338	-	12,379
TOTALS			168,954		239,985

MISCELLANEOUS EXPENSES.

The following summary classifies the principal operating expenditures of the year under review. The total reported is \$6,274,039 for the year 1920, as compared with \$4,958,452 in 1919. The increase over the previous year amounted to \$1,315,587.

Rent of offices, works and machinery	\$ 163,244
Rent of power	158,409
Insurance premiums	239,315
Taxes, (municipal, provincial, federal)	510,092
Royalties, use of patents, etc.....	422,138
Advertising expenses	172,799
Travelling expenses	499,763
Lasts and patterns	515,771
Repairs to buildings and machinery .	499,739
All other sundry expenses	3,092,769
TOTALS	6,274,039

POWER EMPLOYED.

The enquiry as to power deals with the kind of power, number of units, rated horsepower, capacity and horsepower actually employed. The table below shows that of a total of 859 power units rated at 8,251 horsepower, electric motors accounted for 725 units of 6,975 indicated horsepower. The next largest being steam engines with 20 units of 1,100 indicated horsepower. The power effectively employed is 1,928 horsepower below, or 23.4 per cent less than the total actually installed and available for immediate use. The average installation per establishment is 4.9 units rated at 47.7 horsepower, of which 36.5 horsepower are effectively used.

Kind	Number of units	Total rated horsepower	Horsepower actually used
Steam engines	20	1,100	635
Gas and oil engines ...	8	133	100
Water wheels	2	5	15
Electric motors	725	6,975	5,568
Other power	4	8	5
TOTAL	859	8,251	6,323
Boilers	116	2,937	2,132

THE LEATHER BOOT AND SHOE INDUSTRY, 1920.

PROCESSES.

The classification by processes of the boots and shoes manufactured during the year is shown comparatively for 1919 and 1920 in the summary below. Hand-made shoes and those made by unclassified processes show an increase of 838,075 pairs; in the remaining classified processes the decreases total 2,304,858 pairs, leaving a net decrease of 1,466,783 pairs.

Process	1919	1920	Increase or decrease
Hand-made	217,146	490,343	273,197
Welt	5,342,662	4,565,082	- 777,580
Imitation welt	367,465	345,895	- 21,570
Turned	2,260,249	1,789,942	- 470,307
McKay	7,147,984	6,576,459	- 571,525
Wire, screw or metal fastened	2,388,884	2,016,095	- 372,789
Wooden pegged	205,266	114,179	- 91,087
All other	1,231,093	1,795,971	564,878
TOTALS	19,160,749	17,693,966	-1,466,783

Note - The minus sign (-) denotes a decrease.

RUBBER BOOTS AND SHOES.

Rubber footwear manufactured during 1920 totalled 17,057,059 pairs, valued at \$24,332,320. The details of this production are shown, classified for the various kinds of footwear, in the accompanying table:-

Kind	Quantity	Value
Rubbers - Girls'	818,064	487,495
Misses'	893,920	581,346
Ladies'	3,296,463	2,673,508
Boys'	739,295	710,002
Youths'	509,401	402,449
Men's	3,528,974	4,260,095
TOTALS	9,786,117	9,119,895
Rubber Boots - Children's	122,137	253,967
Ladies'	97,445	244,450
Boys' Knee	5,953	25,003
Men's Knee	330,384	1,588,893
Men's Hip	97,211	629,130
TOTALS	653,130	2,741,443
Gum Rubber - Shoes	932,911	2,406,556
Boots	300,002	984,236
Overshoes - Children's	79,015	146,273
Ladies'	95,042	179,563
Men's	1,022,328	3,228,288
TOTALS	2,429,298	6,944,916
Tennis Shoes - Children's	665,781	690,339
Ladies'	1,186,824	1,676,820
Men's	1,043,159	1,686,680
Tennis Boots - Children's	329,471	323,513
Ladies'	267,889	248,151
Men's	701,380	900,733
TOTALS	4,188,514	5,526,066
TOTALS - ALL RUBBER FOOTWEAR	17,057,059	24,332,320

THE LEATHER BOOT AND SHOE INDUSTRY, 1920.IMPORTS AND EXPORTS.

The Imports and Exports of boots and shoes were as follows for the calendar year 1920:-

Kind	Imports	Exports
Rubber boots and shoes	\$ 328,453	\$ 1,632,679
Leather boots and shoes	2,638,499	3,351,716
Boots and shoes, n.e.s.	532,345	-
TOTALS	3,499,297	4,984,395

AVAILABLE FOR CONSUMPTION.

The value of boots and shoes of all kinds, available for Canadian consumption during the calendar year 1920 is shown in the following summary:-

Leather boots and shoes manufactured	\$ 66,817,174
Rubber boots and shoes manufactured	24,332,320
Imports, boots and shoes, all kinds	3,499,297
TOTAL	\$ 94,648,791
Less Exports, boots and shoes, all kinds	\$ 4,984,395
AVAILABLE FOR CONSUMPTION	\$ 89,664,396

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