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THE LEATHER INDUSTRY

CANADA

1921

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Minister of Trade and Commerce.

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LEATHER
INDUSTRY

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Ottawa

Canada

Dominion Statistician, R. H. Coats, D.A., F.S.S.

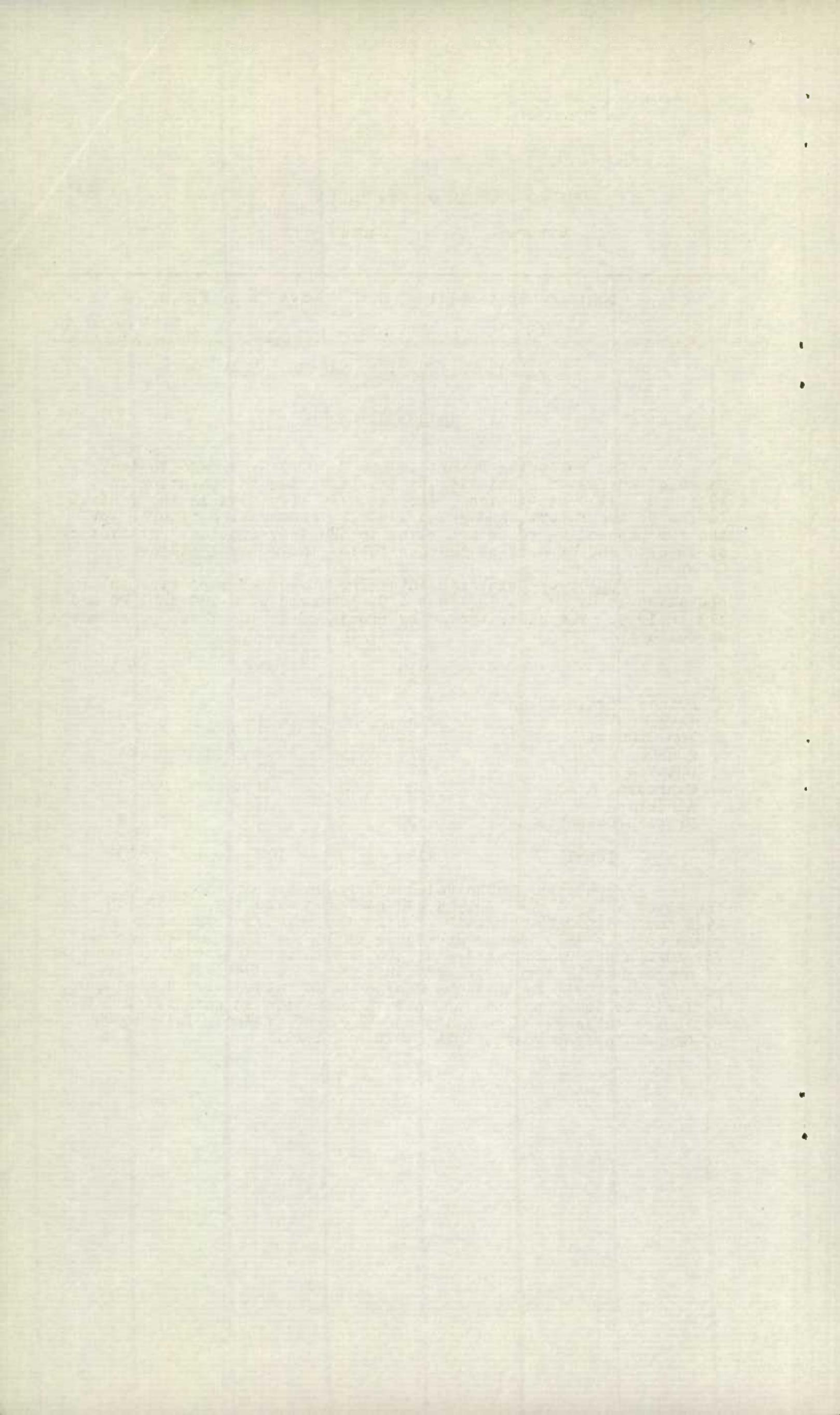
THE LEATHER INDUSTRY, CANADA, 1921.INTRODUCTION

The following report is based on returns made to the Dominion Bureau of Statistics by the tanneries in operation in 1921. Detailed statistics are given by provinces in the general tables of the report, and summaries with comparative figures for the two preceding years are given in the Introduction. Statistics of imports and exports of leather follow the general tables.

Number of Establishments. The number of tanneries in operation in Canada in 1921 was 119, compared with 100 in 1920 and 113 in 1919. The distribution by provinces in the three years was as follows:

	1919	1920	1921
Prince Edward Island	1	1	1
Nova Scotia	16	3	5
New Brunswick	2	2	2
Quebec	57	52	64
Ontario	41	37	40
Manitoba	2	2	2
Alberta	2	3	4
British Columbia	2	1	2
Total	113	100	119

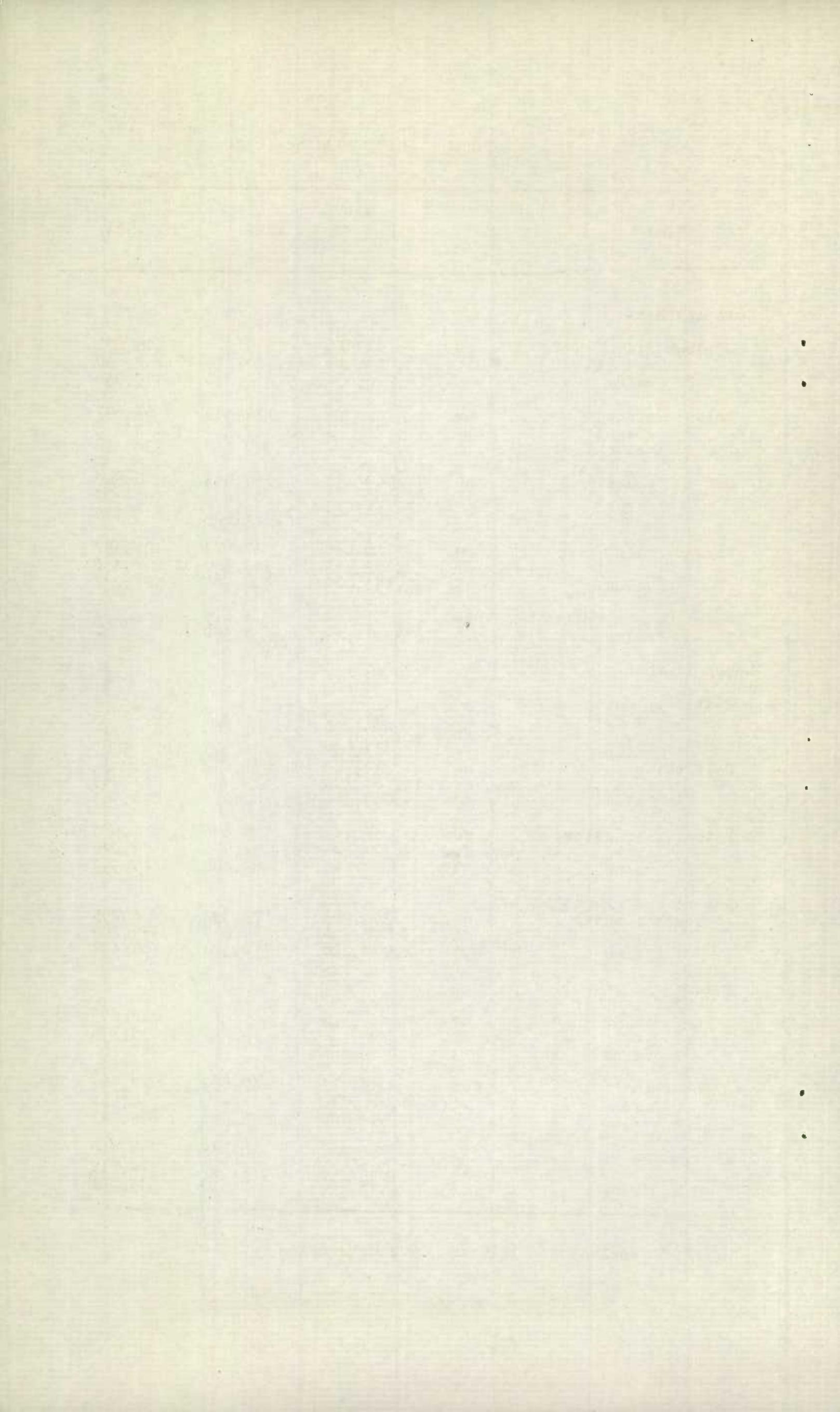
Production. The value of production of the tanneries in 1921 was \$22,905,528 compared with \$39,967,831 in 1920 and \$45,902,082 in 1919. While the values of products compared with 1919 showed decreases of 13 per cent and 50 per cent for 1920 and 1921 respectively, the actual output showed an increase of approximately three per cent in 1920 and a decrease of only 17 per cent in 1921, so that the decreases in values were due almost entirely to lower prices, and not to reduction in quantities. The following table gives quantity and value of products for the whole of Canada for the years, 1919, 1920 and 1921.



Production of Establishments Engaged in the Leather Industry,
Canada, 1919, 1920 and 1921.

Kind		1919	1920	1921
Sole leather-				
Hemlock sides	no.	594,916	555,369	548,621
weight	lb.	10,066,564	10,320,240	10,197,800
value	\$	6,920,630	5,697,836	3,455,036
Union sides	no.	-	170,453	67,697
weight	lb.	-	3,815,324	1,412,752
value	\$	-	2,522,456	324,458
Oak sides	no.	509,181	665,853	478,800
weight	lb.	10,269,106	13,249,604	9,591,372
value	\$	6,039,094	7,955,431	3,729,970
Chrome sides	no.	116,576	27,673	121,457
weight	lb.	2,102,563	545,060	2,297,446
value	\$	1,158,220	218,564	524,247
Sole leather splits	no.	-	3,115	-
value	\$	-	6,550	-
Upper leather-				
Cattle or horse hides				
sides	no.	985,200	1,232,338	468,461
area	sq. ft.	17,622,138	23,291,639	8,363,624
value	\$	7,483,712	6,821,995	2,225,588
Calf skins	no.	1,232,703	621,642	1,276,083
area	sq. ft.	11,764,374	5,523,448	12,042,069
value	\$	9,049,341	3,700,014	4,256,364
Patent calf skins	no.	-	9,636	4,686
area	sq. ft.	-	93,026	57,070
value	\$	-	64,408	15,555
Patent and enamelled				
leather skins	no.	254,063	79,392	84,295
area	sq. ft.	3,852,956	1,270,817	1,399,109
value	\$	2,910,210	710,371	460,477
Patent and enamelled				
shoe leather				
sides	no.	#	#	217,293
area	sq. ft.			3,033,358
value	\$			962,164
Sheep skins	doz.	55,733	47,882	72,362
area	sq. ft.	4,011,231	-	5,780,561
value	\$	1,152,000	995,386	695,231
Goat skins	doz.	44,296	40,468	23,312
area	sq. ft.	2,667,571	2,572,750	1,474,715
value	\$	1,250,700	1,358,243	635,621

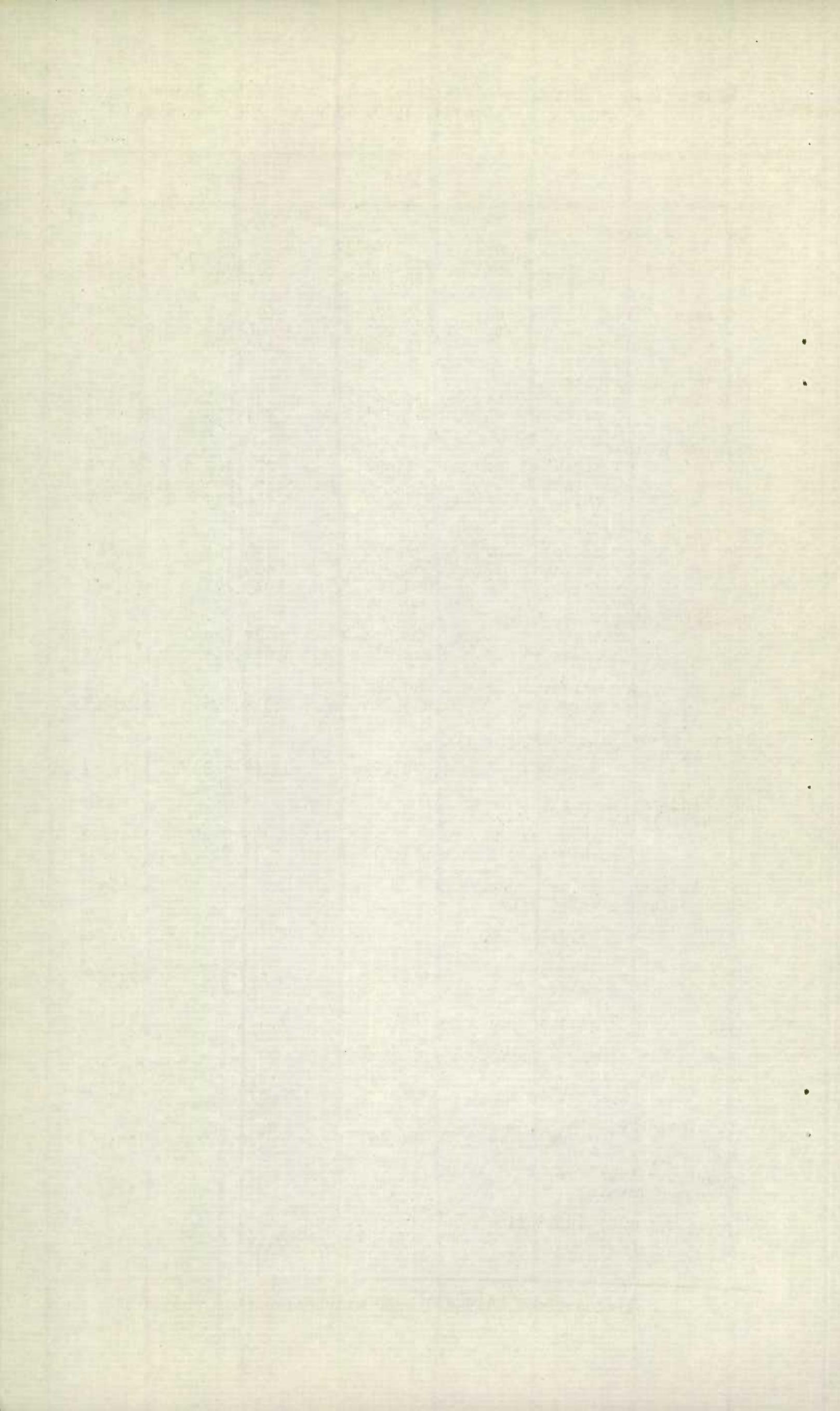
Included in 1919 and 1920 with skins



Production of Establishments Engaged in the Leather Industry,
Canada, 1919, 1920 and 1921-concluded

Kind		1919	1920	1921
Upper leather-concluded		116,332	151,337	
Wax splits	no.	116,332	151,337	55,426
	value	\$ 168,655	\$ 317,382	\$ 89,378
Chrome splits	no.	150,070	675,371	442,559
	area sq. ft.	1,008,222	3,686,584	2,745,720
	value	\$ 112,200	\$ 440,789	\$ 301,703
Oil tanned shoe pack leather	sides	35,141	35,202	20,561
	value	\$ 461,589	\$ 583,319	\$ 200,575
Harness leather	sides	294,436	275,401	188,092
	weight	1b. 6,086,964	5,368,668	3,739,853
	value	\$ 3,811,540	\$ 4,034,025	\$ 1,737,102
Belting leather	sides	38,590	38,261	19,881
	weights	1b. 662,756	489,454	507,847
	value	\$ 652,081	\$ 635,794	\$ 456,751
Upholstering leather hides	no.	78,694	85,629	31,385
	area sq. ft.	212,338	4,011,944	1,465,035
	weight	1b. 585,180		
	value	\$ 1,235,724	\$ 1,335,336	\$ 410,668
Glove, trunk, bag and pocket book leather	value	\$ 1,272,289	\$ 1,168,588	\$ 657,593
Bookbinders leather (skins or side leather)	area sq. ft.	-	189,728	144,822
	value	\$ 61,411	\$ 118,091	\$ 37,983
Lace leather	value	\$ #	#	226,481
Sheep skins, pickled only	doz.	#	#	6,867
	value	\$ -	\$ -	\$ 30,512
Wool	weight	lb. 276,066	193,335	225,396
	value	\$ 233,375	\$ 81,701	\$ 60,214
Hair	weight	lb. 3,689,008	2,654,872	1,071,328
	value	\$ 155,483	\$ 101,891	\$ 62,642
Cine stock	weight	lb. 15,924,330	14,556,945	11,600,047
	value	\$ 237,404	\$ 168,164	\$ 117,916
All other products	value	\$ 1,486,171	\$ 930,497	\$ 589,765
Amount received for custom tanning	\$ #	\$ #	\$ #	\$ 641,534
TOTAL VALUE OF PRODUCTION	\$ #	\$ 45,902,082	\$ 39,967,831	\$ 22,905,523

[#] Included for 1919 and 1920 with "all other products"



4.
Capital- The amount of capital invested in the leather industry in 1921 was \$32,137,488, compared with \$29,739,987 in 1920, and \$34,623,567 in 1919. The following table shows the various items of capital for each of the three years.

Capital Invested in the Leather Industry, 1919, 1920 and 1921.

	1919	1920	1921
Land, buildings and fixtures	5,175,286	5,685,419	5,572,411
Machinery and tools	1,873,980	1,780,518	2,669,682
Materials on hand, stock in process, etc.	17,250,771	15,075,764	15,825,111
Cash and operating accounts	10,318,530	7,197,286	8,070,284
TOTAL CAPITAL	34,623,567	29,739,987	32,137,488

Employees- The total number of persons employed in tanneries in 1921 was 7,208 with salaries and wages of \$4,081,062. The corresponding figures for 1920 were 3,886 employees with salaries and wages of \$4,630,343 and for 1919, 4,211 employees with salaries and wages of \$4,402,779.

Fuel Used- The cost of fuel used in 1921 was \$500,989, comprising \$421,306 for bituminous coal, \$25,109 for anthracite, \$1,917, for lignite and \$52,657 for other fuel. In 1920 the cost of fuel was \$509,781 and in 1919 it was \$445,161.

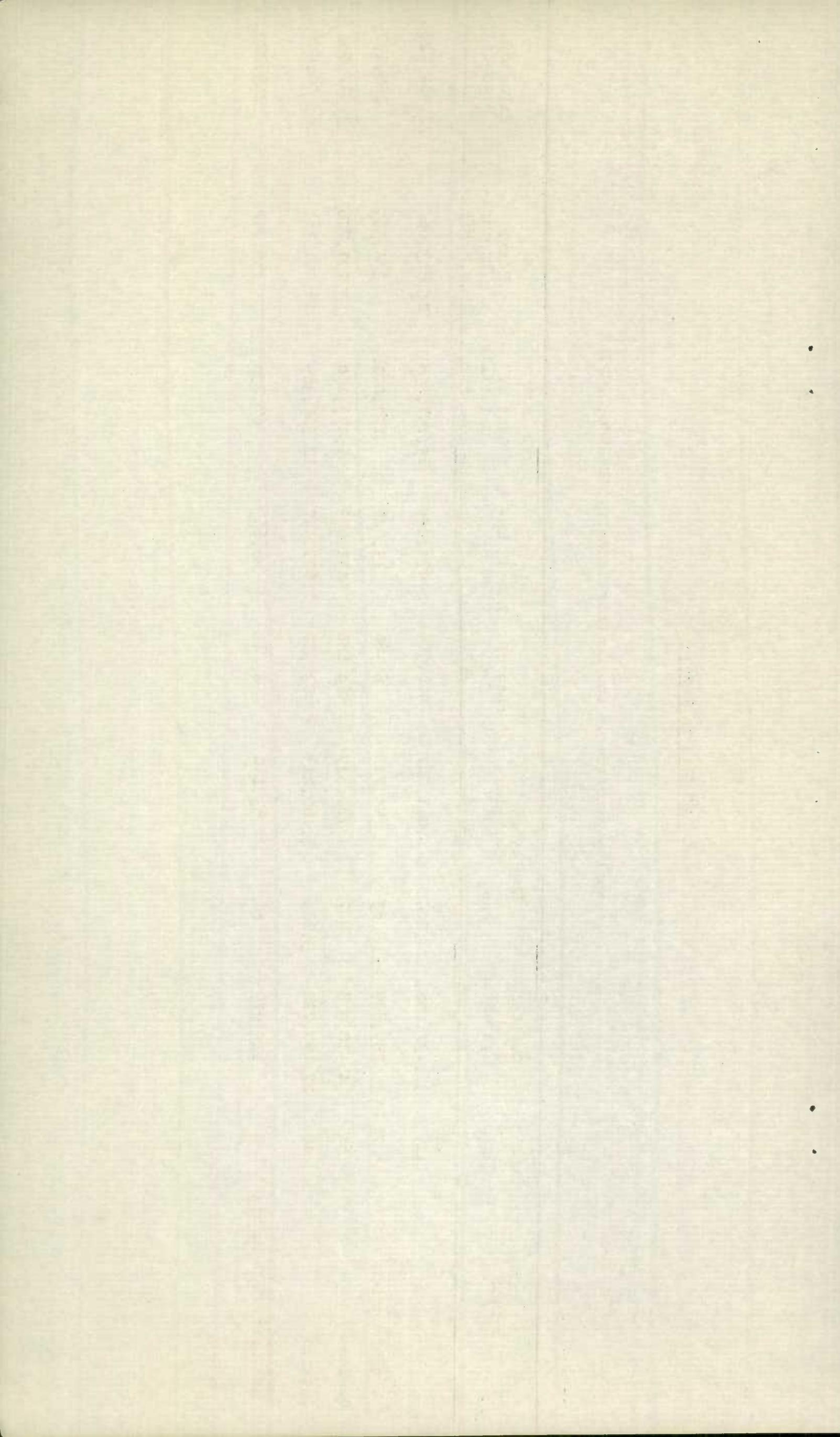
Power- The power equipment comprised 683 electric motors, 63 steam engines, eight gasoline and oil engines and six turbines or water wheels. Ten generators were in use and 132 boilers.

Hides, Skins and Other Materials Used- The total cost of all materials used in the tanneries in 1921 was \$15,157,358, including \$7,770,350 the value of cattle and horse hides; \$3,033,268, the value of calf, kid, sheep and goat skins; \$768,571, the value of leather partly tanned to be curried and finished; \$5,000, the value of other hides and skins; and \$3,580,169, the value of tanning extracts, bark, chemicals, etc. In 1920 the cost of all materials used was \$20,370,591, and in 1919 the cost was \$34,297,878.

GENERAL TABLES

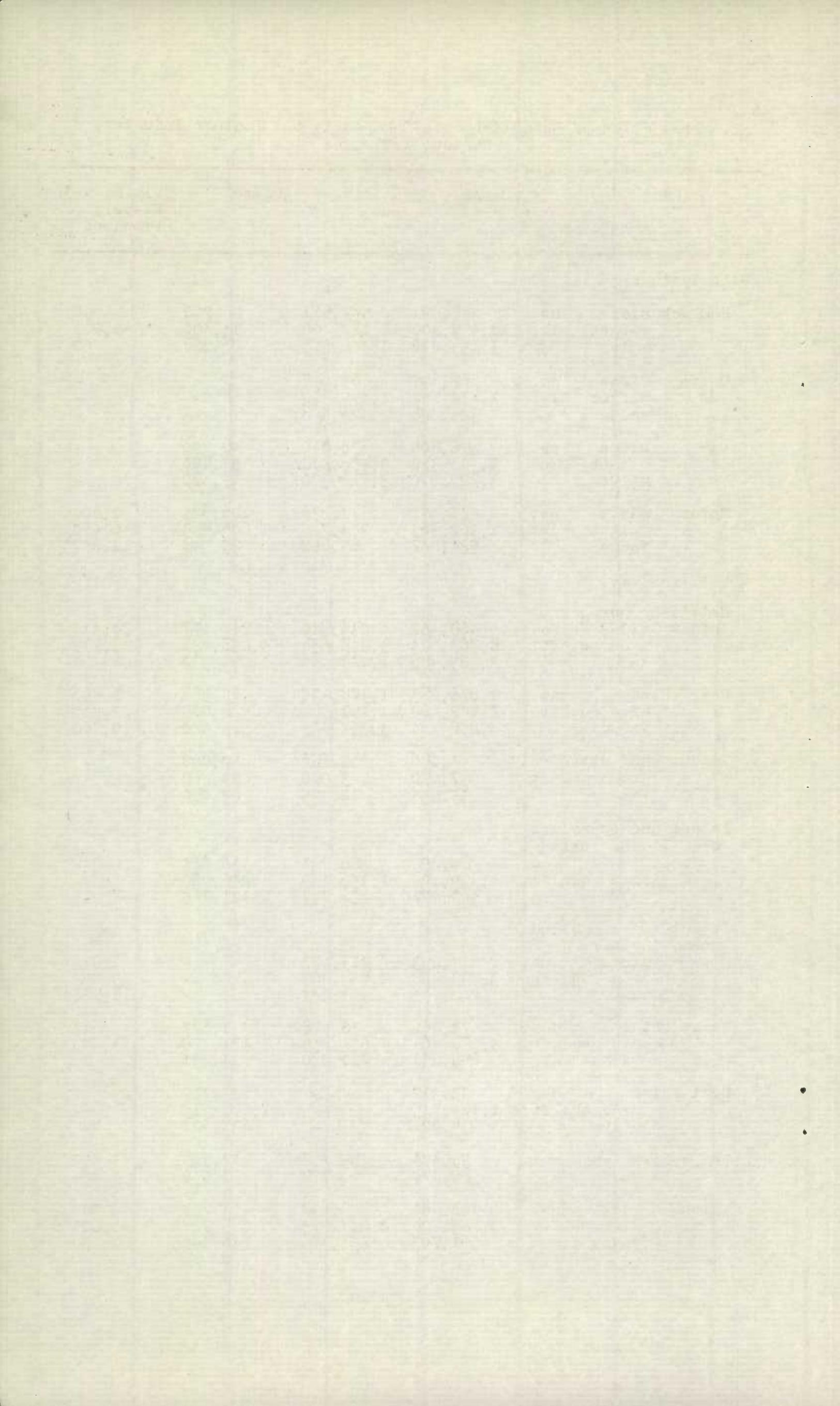
1. Principal Statistics of the Leather Industry, Canada, 1921.

Province	Est- ab- lish- ments no.	Capital invested	Employes no.	Salaries and wages	cost of fuel used	Miscellan- eous expenses	Cost of materials used	Total Expendi- ture	Value of Production
CANADA	119	32,137,488	4,208	4,081,062	500,989	2,074,255	15,157,358	21,813,664	22,905,528
Nova Scotia and New Brunswick	7	289,809	65	54,742	6,560	13,042	170,021	244,365	268,192
Quebec	64	4,540,978	967	782,827	84,686	431,093	1,993,190	3,291,796	3,517,555
Ontario	40	27,190,722	3,114	3,160,213	103,302	1,601,457	12,926,389	18,091,361	18,900,556
Manitoba, Alberta and British Columbia	8	115,979	62	83,280	6,441	28,663	67,758	186,142	219,225



2. Production of Establishments Engaged in the Leather Industry,
Canada, 1921.

Kind		CANADA	Ontario	Quebec	Maritime and Western Provinces
Sole leather-					
Hemlock sides	no.	548,621	547,871	700	50
weight	lb.	10,197,800	10,182,100	14,400	1,000
value	\$	3,455,036	3,448,298	6,288	150
Union	sides	no.	67,697	67,697	-
weight	lb.	1,412,752	1,412,752	-	-
value	\$	324,458	324,458	-	-
Oak	sides	no.	478,800	476,010	2,790
weight	lb.	9,591,372	9,538,572	55,800	-
value	\$	3,729,970	3,710,500	19,470	-
Chrome	sides	no.	121,457	12,236	106,621
weight	lb.	2,102,563	244,720	1,806,883	2,600
value	\$	524,217	85,352	425,948	50,960
					12,647
Upper leather-					
Cattle or horse					
hides	sides	no.	468,461	236,540	217,477
area sq. ft.			8,263,624	3,956,638	4,158,251
value	\$		2,225,588	1,124,196	1,014,532
					86,560
Calf skins		no.	1,276,033	1,198,195	75,383
	area sq. ft.		12,042,069	11,191,504	828,065
	value	\$	4,256,364	3,931,821	314,540
					10,000
Patent calf skins	no.		4,386	2,686	2,000
	area sq. ft.		57,070	43,070	14,000
	value	\$	15,555	12,175	3,080
Patent and enameled					
shoe leather skins					
	no.		84,295	68,231	16,064
	area :sq. ft.		1,329,109	1,152,149	246,960
	value	\$	460,477	338,712	121,765
Patent and enameled					
shoe leather					
	sides	no.	217,293	213,122	-
	area aq. ft.		3,033,358	2,918,263	-
	value	\$	962,164	913,164	18,720
Sheep skins	doz.		72,362	70,518	1,827
	area sq. ft.		5,780,561	5,617,759	131,576
	value	\$	695,231	681,920	13,231
					80
Goat skins	doz.		23,312	-	23,312
	area sq. ft.		1,471,715	-	1,471,715
	value	\$	635,621	-	635,621
Wax splits	no.		55,426	35,277	17,909
	value	\$	89,378	67,277	21,010
					1,061
Chrome splits	no.		442,559	372,302	61,727
	area sq. ft.		2,745,720	2,217,973	123,721
	value	\$	301,703	254,374	46,159
					1,170



2. Production of Establishments Engaged in the Leather Industry,
Canada, 1921-concluded

Kind		CANADA	Ontario	Quebec	Maritime and Western Provinces
Oil tanned shocpack leather	sides	20,564	3,233	4,797	12,534
	value \$	200,575	42,010	38,091	120,474
Harness leather	sides no.	188,092	187,492	-	600
	weight lb.	3,739,853	3,729,053	-	10,800
	value \$	1,737,102	1,732,902	-	4,200
Bolting leather	sides no.	19,881	19,881	-	-
	weight lb.	507,847	507,847	-	-
	value \$	456,751	456,751	-	-
Carriage, automobile and furniture leather	hides no.	31,985	13,697	12,305	5,983
	area sq. ft.	1,455,035	681,354	544,533	239,145
	value \$	410,603	191,602	132,852	86,207
Glove, trunk, bag and pocketbook leather	value \$	657,593	544,972	112,621	-
Bookbinders leather (skins or hide leather)	area sq. ft.	144,822	144,822	-	-
	value \$	37,983	37,983	-	-
Lace leather value	\$	226,181	214,022	-	12,159
Sheep skins, pickled only	doz	6,867	867	6,000	-
	value \$	30,512	3,512	27,000	-
Wool	weight lb.	225,326	14,486	180,610	300
	value \$	60,214	8,030	52,124	60
Hair	weight lb.	1,971,328	1,780,702	1,6,752	43,871
	value \$	62,642	53,777	7,070	1,795
Glue stock	weight lb.	11,600,017	11,121,081	347,527	131,136
	value \$	117,916	107,584	8,351	1,981
All other products	value	589,765	531,273	35,579	22,913
Amount received for custom tanning	\$	641,534	52,701	482,193	106,510
TOTAL VALUE OF PRODUCTION	\$	22,905,528	18,900,556	3,517,555	487,417

3. Capital Invested in the Leather Industry, Canada, 1921.

Province	Establishments No.	Land, Buildings, and fixtures \$	Machinery and tools \$	Materials on hand, stocks in process etc. \$	Cash and operating accounts \$	Total Capital \$
CANADA	119	5,572,411	2,667,682	15,625,111	6,070,264	32,137,463
Nova Scotia and New Brunswick	7	63,123	28,248	181,243	12,125	282,302
Quebec	64	131,606	520,176	1,333,701	1,177,495	4,510,978
Ontario	40	4,561,413	2,023,757	13,738,274	6,567,268	27,190,722
Manitoba, Alberta and British Columbia	8	11,260	10,491	71,893	13,326	115,479

4. Persons Employed and Salaries and Wages Paid in Establishments Engaged in the Leather Industry, Canada, 1921.

Province	Salaried Employees										Wage-earners										Total wage- earners	Total Wages		
	Officers, managers, etc.,		Clerks,		Salesmen, etc.		Total salaried employees		Total salaries		16 years of age and over		Under 16 years of age		Male		Female		Male					
	Male	Female	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.				
CANADA	184	6	137	53	380	913,737	3,690	120	18	..	3,628	3,167,275												
Nova Scotia and New Brunswick	6	..	1	1	8	22,120	56	1	..	..	57	32,522										
Quebec	47	1	29	5	32	178,123	816	62	7	..	685	604,704												
Ontario	127	5	105	44	281	699,375	2,768	54	11	..	2,833	2,460,837												
Manitoba, Alberta and British Columbia	4	..	2	3	9	14,168	50	3	..	..	53	69,112										

5. Classification of Wage-earners Employed in Establishments Engaged in the Leather Industry, According to Weekly Wages, 1921.

Weekly Wage	16 years of age and over		Under 16 years of age		Total Employees
	Male	Female	Male	Female	
	No.	No.	No.	No.	No.
Under \$5	33	4	6	..	43
\$5 but under \$10	138	42	12	..	192
\$10 "	515	432	56	..	488
\$15 "	520	1,342	12	..	1,354
\$20 "	525	1,011	5	..	1,016
\$25 "	530	466	1	..	467
\$30 "	535	161	..	..	161
\$35 "	540	68	..	..	68
\$40 "	545	27	..	..	27
\$45 "	550	7	..	..	7
\$50 and over	5	..	..	..	5
TOTAL	3,690	120	18	..	3,828

6. Classification of Establishments Engaged in the Leather Industry, According to Time in Operation, Canada, 1921

Province	Total number of establishments	Establishments in operation during the year				
		less than 120 days	from 120 to 179 days	from 180 to 239 days	240 days and over	
	No.	No.	No.	No.	No.	No.
CANADA	119	5	2	8	104	
Nova Scotia and New Brunswick	7	1	..	1	5	
Quebec	64	2	..	5	57	
Ontario	40	2	2	2	34	
Manitoba, Alberta and British Columbia	8	..	..	..	8	

7. Fuel Used in Establishments Engaged in the Leather Industry, Canada, 1921.

Province	Establishments	Bituminous coal		Anthracite coal		Lignite coal		Coke		
		No.	tons	°	tons	°	tons	°	tons	
CANADA	119	47,466	421,306		1,931	25,109	380	1,917	2,502	20,003
Nova Scotia and New Brunswick	7	176	1,248		312	4,992	..	..	..	..
Quebec	64	6,595	69,183		340	3,309	..	..	48	370
Ontario	40	40,249	346,351		1,279	16,308	..	..	2,454	19,633
Manitoba, Alberta and British Columbia	8	446	4,524		..	..	380	1,917	..	..

8. Power Equipment of Establishments Engaged in the Leather Industry, Canada, 1921.

Province	Establishments	Boilers		Steam engines		Gasoline and oil engines		Hydraulic turbines and water wheels		Electric			
		No.	No. h.p.	No.	h.p.	No.	h.p.	No.	h.p.	No.	k.v.a.	No.	n.p.
CANADA	119	132	10,941	43	4,825	8	55	6	465	10	1,983	683	10,504
Nova Scotia and New Brunswick	7	5	263	4	156	1	2	1	25	..	..	2	5
Quebec	64	38	1,733	13	523	4	24	2	185	1	4	116	1,482
Ontario	40	62	8,945	25	4,100	3	29	3	255	9	1,979	556	8,919
Manitoba, Alberta and British Columbia	8	..	..	1	46	..	..	..	..	..	..	9	98

9. Miscellaneous Expenses of Establishments Engaged in the Leather Industry, Canada, 1921.

Province	Rent of offices and plant	Rent of power	Insurance	Taxes	Royalties, use of patents, etc.	Advertising	Traveling	Repairs to plant	Sundry expenses	Total miscellaneous expenses
CANADA	110,375	117,635	187,465	160,454	4,876	34,804	119,554	345,140	993,962	2,074,255
Nova Scotia and New Brunswick	..	..	1,956	455	..	328	3,648	5,312	1,345	13,042
Quebec	17,400	31,533	51,409	31,068	1,404	5,590	20,705	70,841	201,113	431,093
Ontario	90,574	83,327	130,664	127,449	3,672	24,007	94,254	267,512	780,398	1,601,157
Manitoba, Alberta and British Columbia	2,101	2,775	3,438	1,492	..	4,959	947	1,675	10,976	28,663

10. Hides, Skins and Other Materials Used in Establishments
Engaged in the Leather Industry, Canada, 1921.

Kind		CANADA	Ontario	Quebec	Maritime and Western Provinces
Cattle hides-					
Foreign	no.	401,424	348,504	48,720	4,200
Domestic	"	738,260	635,680	112,907	19,473
Total weight	lb.	51,068,229	42,918,377	6,342,230	1,307,622
Total cost	\$	7,748,308	6,966,415	615,412	166,481
Horse hides-					
Domestic	no.	6,777	2,033	4,644	100
Weight	lb.	337,490	101,700	230,790	5,000
Cost	\$	22,042	6,536	15,356	150
Calf and Kip skins-					
Foreign	no.	531,502	466,994	55,503	..
Domestic	"	395,063	354,576	37,987	2,500
Total weight	lb.	9,000,272	8,054,721	923,551	22,000
Total cost	\$	2,117,177	1,858,862	253,315	5,000
Sheep skins-					
Foreign	doz.	43,120	43,110	10	..
Domestic	"	35,813	33,735	2,062	16
Total weight	lb.	2,406,525	2,351,863	56,211	48
Total cost	\$	427,962	412,133	15,769	60
Goat skins-					
Foreign	doz.	27,307	..	27,307	..
Weight	lb.	430,283	..	430,283	..
Cost	\$	408,129	..	488,129	..
Leather partly tanned to be curried and finished-					
Cattle hides-					
Foreign, sides	no.	2,900	2,900	..	..
Domestic "	"	43,615	25,609	18,006	..
Total weight	lb.	2,133,865	1,155,682	978,193	..
Total cost	\$	280,049	262,040	18,009	..
Calf and Kip skins-					
Foreign	no.	116,288	116,288	..	..
Domestic	"	8,972	..	8,972	..
Total weight	lb.	876,820	814,016	62,804	..
Total cost	\$	263,555	247,845	15,710	..
Sheep skins-					
Foreign	doz.	20,247	18,747	1,500	..
Domestic	"	10,232	1,232	9,000	..
Total weight	lb.	743,875	460,375	283,500	..
Total cost	\$	177,001	51,001	126,000	..
Goat skins-					
Foreign	doz.	59	59	..	..
Weight	lb.	1,300	1,300	..	..
Cost	\$	603	503	..	..
Splits-					
Domestic	no.	68,534	68,534	..	..
Weight	lb.	689,949	689,949	..	..
Cost	\$	47,363	47,363	..	..

10. Hides, Skins and Other Materials Used in Establishments

Engaged in the Leather Industry, Canada, 1921-concluded

Kind	CANADA	Ontario	Quebec	Maritime and Western Provinces
Other hides or skins- Cost \$	5,000	2,000	..	3,000
Other materials used- Bark for tanning \$	463,019	400,077	52,591	10,351
Tanning extracts \$	1,718,204	1,579,217	123,794	15,193
Tallow and oils \$	432,109	344,702	62,924	17,483
Chemicals, dyes, etc. \$	604,552	449,437	145,374	9,741
other tanning materials \$	362,285	298,158	53,807	10,320
TOTAL COST of Hides, Skins and Other Materials used \$	15,157,358	12,026,389	1,993,190	237,779

IMPORTS AND EXPORTS

(Compiled by the External Trade Branch)

II. Imports into Canada, for Consumption, of Products of the Leather Industry, during the calendar years 1919, 1920 and 1921

Articles	1919	1920	1921
Bolting leather of all kinds	129,256	560,387	161,676
Calf, kid or goat, lamb and sheep skins, tanned	389,678	354,923	150,268
Calf, kid or goat, lamb and sheep skins dressed, waxed or glazed	5,540,849	2,688,089	1,700,500
Glove leathers, tanned or dressed, coloured or un-coloured, imported by glove manufacturers for use exclusively in their own factories in the manufacture of gloves	1,864,708	2,512,234	736,012
Harness leather	47,681	73,800	22,383
Jagged, patent or enamelled leather and Morocco leather and leather in imitation of Morocco leather	35,859	39,758	12,650
Skins for Morocco leather, tanned but not further manufactured	5,544	20,780	1,267
Sole leather	757,941	246,907	281,201
Tanners' scrap leather	40,768	22,060	19,204
Upper leather, not dressed, waxed or glazed	70,097	62,702	57,840
Upper leather, including dengala, cardovan, kangaroo, alligator, and all leather, dressed, waxed or glazed, or further finished than tanned, n.e.p. and chamois skins	1,463,922	1,207,342	581,520
Other leather, dressed, waxed or glazed, etc. n.e.p.	448,213	294,067	210,295
All other leather and skins, n.e.p.	349,040	384,409	124,406
Total leather, unmanufactured	11,143,556	8,467,528	4,059,222

12. Exports of Products of the Canadian Leather Industry,
during the calendar years 1919, 1920 and 1921.

Articles	1919	1920	1921
Harness leather	858,469	429,631	404,338
Sole leather	2,723,501	1,422,542	1,105,625
Upper leather	5,974,766	5,339,168	2,137,038
Other unmanufactured leather, n. o. p.	642,962	500,987	378,419
Total Leather unmanufactured	10,199,698	7,692,328	4,025,420

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