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CANADA
 DEPARTMENT OF TRADE AND COMMERCE
 DOMINION BUREAU OF STATISTICS
 ANIMAL PRODUCTS STATISTICS BRANCH

THE LEATHER INDUSTRY

in

CANADA

1929

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32-502

REPORTS OF THE DOMINION BUREAU OF STATISTICS ON
LEATHER AND LEATHER GOODS

Census of Industry Reports:

The Leather Industry

Leather Boots and Shoes; Boot and Shoe Findings

Leather Gloves and Mitts

Harness and Saddlery; Leather Belting; Trunks and Valises;
Leather Goods, n.e.s.

Monthly Report of the Production of Boots and Shoes

Internal Trade Reports:

Prices of hides, leather and leather goods, contained in the
Monthly and Annual Reports on Prices and Price Indexes.

External Trade Reports:

Imports and exports of leather and manufactures of leather,
contained in the Quarterly and Annual Reports of the Trade
of Canada, and in the Bulletin on Canadian Trade in Farm
Products.

Monthly Bulletin of Imports and Exports of Footwear (E.T.P.B.
No. 110).

December, 1930.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
OTTAWA - CANADA

Animal Products Statistics Section

Dominion Statistician: R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.
Chief, Animal Products Statistics Section: Florence A. Brown

REPORT ON THE LEATHER INDUSTRY
OF CANADA, 1929.

Establishments.- The number of tanneries in operation in Canada in 1929 was 86, located by provinces as follows: Nova Scotia, 1; New Brunswick, 1; Quebec, 34; Ontario, 35; Manitoba, 2; Saskatchewan, 7; Alberta, 4; and British Columbia, 2. Each year from 1923 to 1929, excepting the year 1926, has shown a decrease in the number of tanneries. For the year 1926 an increase of four was recorded. The actual number of tanneries which ceased operations at the end of 1928 or early in 1929 was eight, but there were three new plants recorded for 1929, which leaves a net decrease of five for the year. Reasons for closing the eight tanneries were given as follows: five "out of business", two "bankrupt", and one "burned - rebuilding". All of the new tanneries recorded for 1929 are located in the western provinces.

Production.- The output of Canadian tanneries in 1929 had a total value of \$25,207,155, a decrease from the preceding year of \$9,394,915, and a decrease from the year 1927 of \$6,682,724. The comparison with 1928 shows that the decrease from that year is due both to reduced quantity of output and lower average prices for the finished product. Items included under the head of sole leather had a total value of \$9,078,274, compared with \$13,570,844 in 1928, and under the head of upper leather, a value of \$11,603,224, compared with \$14,555,595. The principal items of sole leather production are: union tanned sides, the price of which in 1929 averaged 37 cents per pound compared with 43 cents in the preceding year; and oak tanned sides, which averaged 38 cents per pound compared with 43 cents. Under the head of upper leather the chief items are: cattle and horse hides, which averaged 27 cents per square foot, compared with 31 cents in 1928; calf skins, 36 cents per square foot, compared with 39 cents; and patent and enamelled shoe leather, 27 cents per square foot compared with 32 cents. The item of sheep skins shows an average of 14 cents per square foot in both years. Miscellaneous kinds of leather

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS

RESEARCH REPORT

BY [Name]

DATE

19[Year]

The purpose of this study was to determine the effect of [Factor] on the rate of [Reaction]. The results show that [Factor] has a significant effect on the rate of [Reaction]. The rate of [Reaction] increases as [Factor] increases. This is due to the fact that [Factor] increases the energy of the reactants, which allows them to overcome the activation energy barrier more easily. The results of this study are consistent with the theory of [Theory].

The rate of [Reaction] was measured as a function of [Factor]. The results are shown in Figure 1. The rate of [Reaction] increases as [Factor] increases. This is due to the fact that [Factor] increases the energy of the reactants, which allows them to overcome the activation energy barrier more easily. The results of this study are consistent with the theory of [Theory].

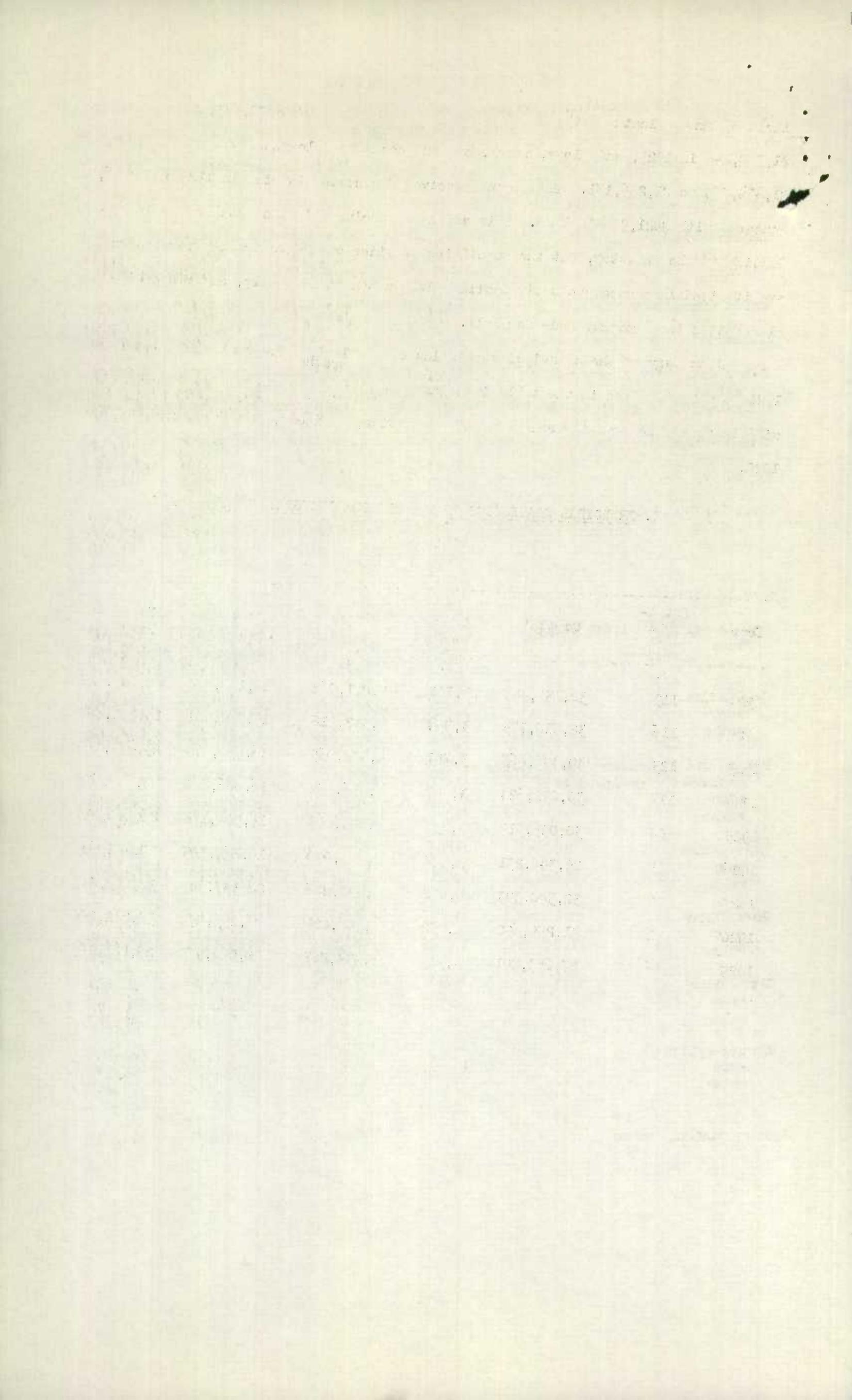
The results of this study are consistent with the theory of [Theory]. The rate of [Reaction] increases as [Factor] increases. This is due to the fact that [Factor] increases the energy of the reactants, which allows them to overcome the activation energy barrier more easily. The results of this study are consistent with the theory of [Theory].

include harness leather, the total value of which dropped from \$2,643,104 in 1928 to \$1,380,245 in 1929, and glove, trunk, bag and pocketbook leather, which dropped from \$1,474,065 to \$1,286,181. The amount received for custom tanning in 1929 was \$286,782, compared with \$421,986 in 1928. This amount is included in the total value of production of the industry, but the quantities of hides and skins treated for others are itemized in a separate table dealing with custom tanning only, and are not included with the products made for sale.

A summary of the principal statistics of the leather industry for the years 1921 to 1929 is given in the table immediately following, while in the second table will be found the quantity and value of production, by items, for the years 1927 to 1929.

1. PRINCIPAL STATISTICS OF THE LEATHER INDUSTRY FOR THE YEARS
1921 to 1929.

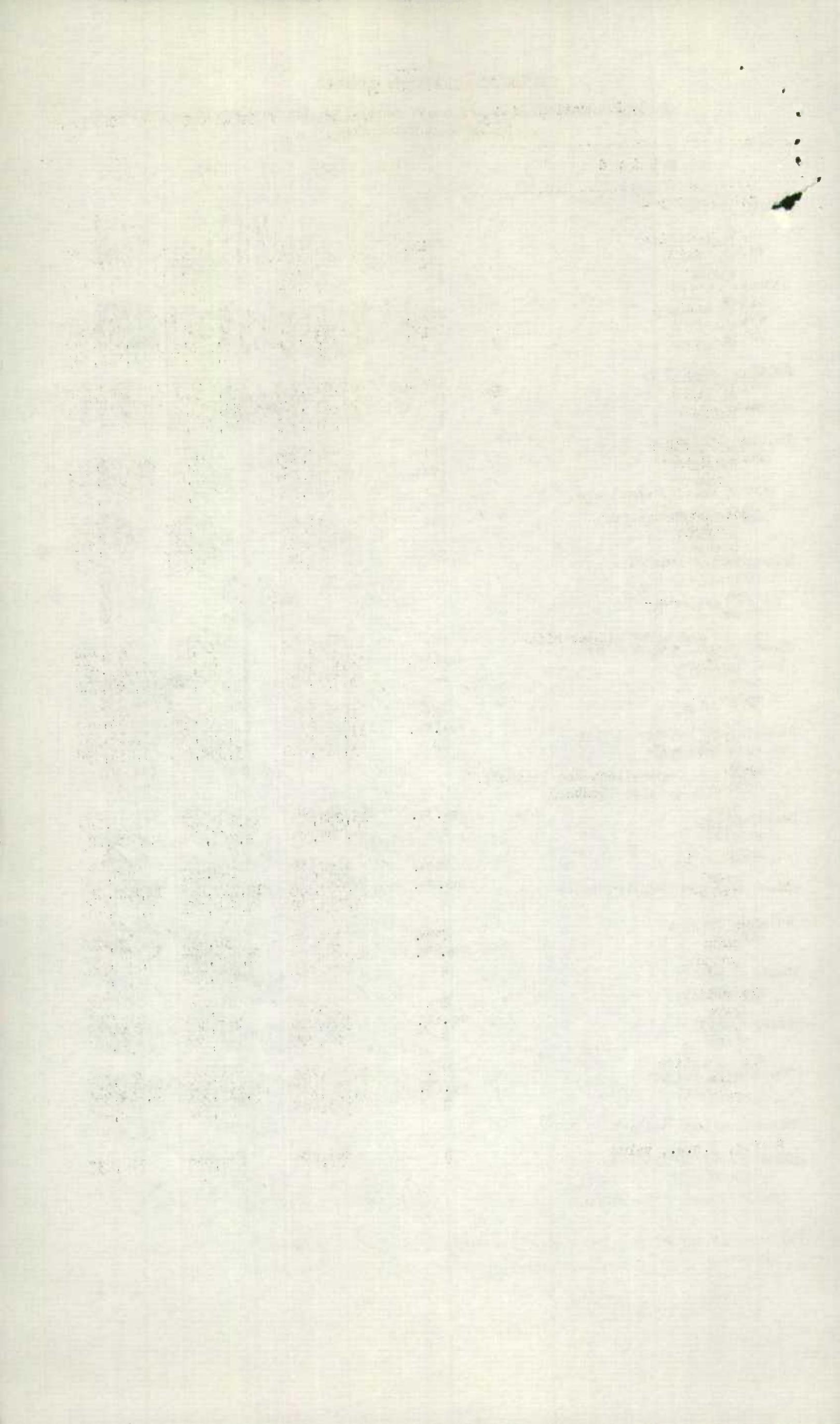
Year	Estab- lish- ments	Capital	Employ- ees	Wages	Cost of Materials	Value of Products
	No.	\$	No.	\$	\$	\$
1921	119	32,137,488	3,707	4,081,062	15,157,358	22,905,528
1922	116	32,818,775	3,854	4,302,918	15,754,951	24,291,884
1923	123	30,348,468	3,787	4,302,069	16,458,674	23,633,165
1924	114	30,031,624	3,907	4,416,572	16,486,261	25,655,675
1925	104	30,095,917	3,834	4,151,058	17,904,138	26,141,217
1926	108	29,348,291	3,924	4,299,870	18,869,383	27,747,605
1927	98	32,320,323	4,088	4,498,206	22,347,228	32,489,889
1928	91	31,259,692	3,952	4,486,828	26,253,779	35,202,080
1929	86	27,059,201	3,313	3,934,883	18,065,583	25,807,165



-3-
THE LEATHER INDUSTRY, CANADA.

2. Production of Establishments engaged in the Leather Industry, Canada,
1927, 1928 and 1929.

K i n d		1927	1928	1929
Sole leather -				
Hemlock sides	No.	3,717	3,938	5,427
weight	Lb.	67,566	60,320	87,380
value	\$	32,019	39,468	47,797
Union sides	No.	337,364	312,606	270,235
weight	Lb.	7,130,525	6,456,858	5,057,644
value	\$	2,328,506	2,787,922	1,881,549
Oak sides	No.	1,024,049	1,163,356	896,980
weight	Lb.	22,177,502	24,495,805	17,562,593
value	\$	8,028,415	10,584,752	6,683,749
Chrome sides	No.	46,429	21,277	59,303
weight	Lb.	1,094,264	515,000	1,016,686
value	\$	547,720	194,470	421,527
Sole leather splits	No.	66,845	57,038	22,840
weight	Lb.	478,310	423,693	106,784
value	\$	77,835	64,232	43,652
Upper leather -				
Cattle and horse hides sides	No.	786,269	706,897	590,102
area	sq.ft.	14,007,853	12,635,759	10,939,437
value	\$	3,735,534	3,856,128	2,904,712
Calf skins	No.	1,038,664	824,246	851,224
area	sq.ft.	11,020,299	8,542,677	9,118,337
value	\$	3,870,010	3,352,256	3,238,498
Patent and enamelled shoe leather, (skins or side leather)				
area	sq.ft.	15,252,870	13,165,418	9,993,184
value	\$	4,740,324	4,266,652	2,720,125
Sheep skins	Doz.	116,658	145,217	120,865
area	sq.ft.	9,600,553	12,113,436	11,202,415
value	\$	1,335,741	1,639,762	1,575,865
Goat skins	Doz.	37,303	32,433	31,418
area	sq.ft.	2,400,875	2,003,287	1,925,993
value	\$	504,204	531,330	455,037
Wax splits	No.	34,000	53,067	25,262
area	sq.ft.	301,200	487,400	230,758
value	\$	28,209	73,795	32,547
Chrome splits	No.	1,005,810	753,305	622,195
area	sq.ft.	7,532,146	5,316,338	4,481,949
value	\$	949,206	815,672	676,440
Splits, n.e.s., value	\$	657,862	808,079	714,237

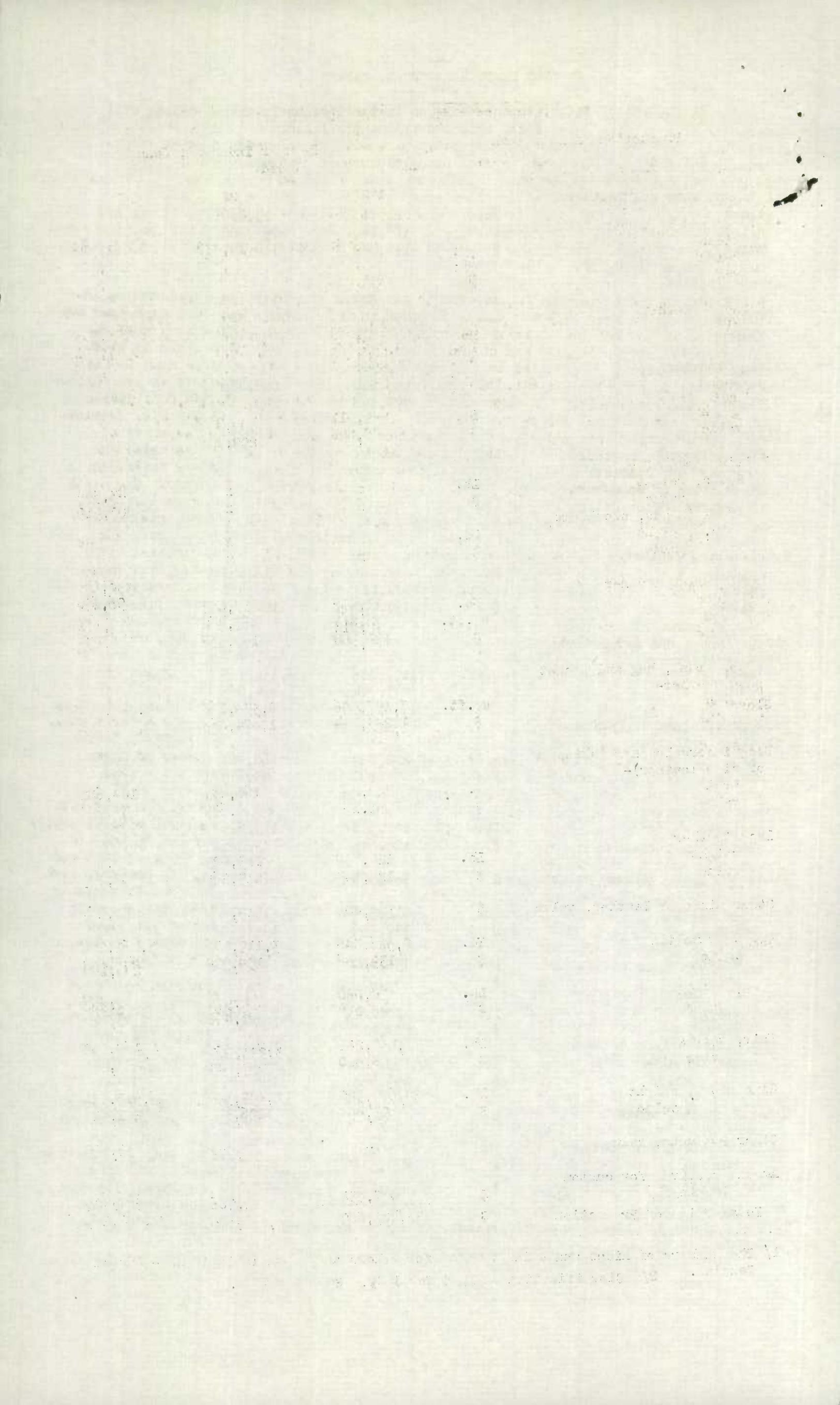


THE LEATHER INDUSTRY, CANADA

Production of Establishments engaged in the Leather Industry, Canada,
1927, 1928 and 1929 - Concluded.

K i n d		1927	1928	1929
Oil tanned shoepack leather				
sides	No.	21,767	13,880	11,916
weight	Lb.	385,140	297,162	221,105
value	\$	131,220	110,221	76,633
Harness leather				
sides	No.	268,389	312,128	173,543
weight	Lb.	5,496,185	6,416,485	3,577,521
value	\$	1,994,631	2,643,104	1,380,245
Belting leather 2/				
weight	Lb.	959,810	845,486	-
value	\$	497,898	299,336	-
Belting leather -				
Butts, weight	Lb.	-	-	243,599
value	\$	-	-	207,919
Offal (heads, shoulders, etc.), weight	Lb.	-	-	350,492
value	\$	-	-	96,672
Upholstering leather				
hides	No.	11,456	18,857	16,097
area	sq.ft.	572,813	867,462	692,171
value	\$	121,902	188,553	144,874
Glove, trunk, bag and pocket book leather-				
area	sq.ft.	7,197,086	8,334,168	8,245,574
value	\$	1,243,744	1,474,065	1,286,181
Bookbinders leather (skins or side leather)-				
area	sq.ft.	222,059	160,407	184,682
value	\$	51,167	43,679	39,943
Lace leather				
weight	Lb.	121,598	113,829	89,190
value	\$	125,843	113,265	85,689
Other kinds of leather, value	\$	350,408	214,711	123,267
Goodyear welting				
value	Yd.	2,516,546	3,119,976	3,961,208
	\$	139,956	194,994	245,182
Wool, weight	Lb.	130,080	132,973	11,500
value	\$	48,032	51,468	2,900
Hair, weight	Lb.	3,189,281	3,231,867	2,160,948
value	\$	208,510	187,243	203,740
Glue stock, weight	Lb.	29,633,320	22,839,387	16,517,058
value	\$	193,455	196,359	191,813
Other Products, value	\$	-	48,378	39,590
Amount received for custom tanning 1/	\$	477,538	421,986	286,782
Total Value of Production	\$	32,489,889	35,202,080	25,807,165

1/ The numbers of hides and skins treated for others are shown in Table 12 - Custom Tanning. 2/ Classification changed for 1929. See next item.



Capital.- The capital investment of the leather industry in 1929 had a total value of \$27,059,201, apportioned as follows: land, buildings and machinery, \$9,355,479; materials on hand, stocks in process, etc., \$12,541,481; and cash and operating accounts, \$5,162,241. The total capital shows a decrease from the preceding year of \$4,200,491, nearly the whole of this decrease being credited to the item of "materials on hand, stocks in process, etc.", the decrease for this one item amounting to \$3,937,899. The average capital investment per establishment was, owing to the smaller number of establishments in operation, only slightly less than the average for the preceding year, the figures for the two years being as follows: 1928, average, \$343,513; 1929, average, \$314,642. Tables 1 and 2.

Employees, Salaries and Wages.- The total number of persons employed in the industry during the year 1929 was 3,313, compared with 3,952 in 1928. The employees are classified in the returns as salaried employees and wage-earners, the number of the former in 1929 totalling 294 and of the latter 3,019. The reduction shown in total number of employees is credited to the wage-earners, the decrease of persons in this classification amounting to 641. The number of salaried employees shows an increase of two. The total salary and wage bill for the year amounted to \$3,934,883, divided as follows: to salaried employees, \$824,047; and to wage-earners, \$3,110,836. Compared with the preceding year a decrease is shown in the amount paid to wage-earners of \$579,224, while an increase of \$27,279 is shown in the amount paid to salaried employees. The statistics of monthly employment show that there is little variation in the numbers of wage-earners employed from month to month in this industry. The month of highest employment in 1929 was February, when 3,152 persons were on the pay-roll, and the month of lowest employment, December, with 2,863 - a difference between highest and lowest of only 289. The same condition prevailed in previous years. The average working day for wage-earners in 1929 consisted of 9.2 hours, compared with 9.0 hours in 1928. The average number of hours worked per week, however, was lower than in 1928, being 51.4 compared with 52.4. Statistics have also been prepared to show the numbers of wage-earners in month of highest employment in each of several groups, arranged according to the number of hours worked per day. The number of employees in the group of those working eight hours per day or less was 432, of those working 9 hours, 2,154; of those working 10 hours, 946; and of those working over 10 hours, 31. Tables 1 to 7.

Hides, Skins and Tanning Materials Used.- The cost value of all hides and skins treated during the year was \$15,004,528, and of tanning extracts, bark, chemicals, etc., \$3,061,055, making a total of \$18,065,583, compared with \$26,253,779 in 1928. Cattle hides comprise the principal item of hides and skins used, and the number of these decreased from 1,696,093 in 1928 to 1,311,242 in 1929, the total cost value from \$17,260,399 to \$10,499,503, and the average price per pound from 22 cents to 17 cents. The average price per pound for calf and kip skins in 1929 was 29 cents, compared with 31 cents in 1928, and of pickled sheep skins, 29 cents per pound, compared with 41 cents. Goat skins increased in price from 48 cents per pound to 50 cents per pound, but the quantity used is comparatively small, amounting to only 24,968 dozen skins in 1929 and 31,377 dozen in 1928. The number of horse hides used in 1929 was 15,576, compared with 10,549 in the preceding year, but the average price per pound dropped from 10 cents to eight cents. The number of cattle hides used is about equally divided into domestic and foreign, while in the case of the calf and kip skins, 69 per cent of the total number in 1929 was credited to imported skins. All of the goat skins were imported, and 66 per cent of the pickled sheep skins were of foreign origin. Table 10.

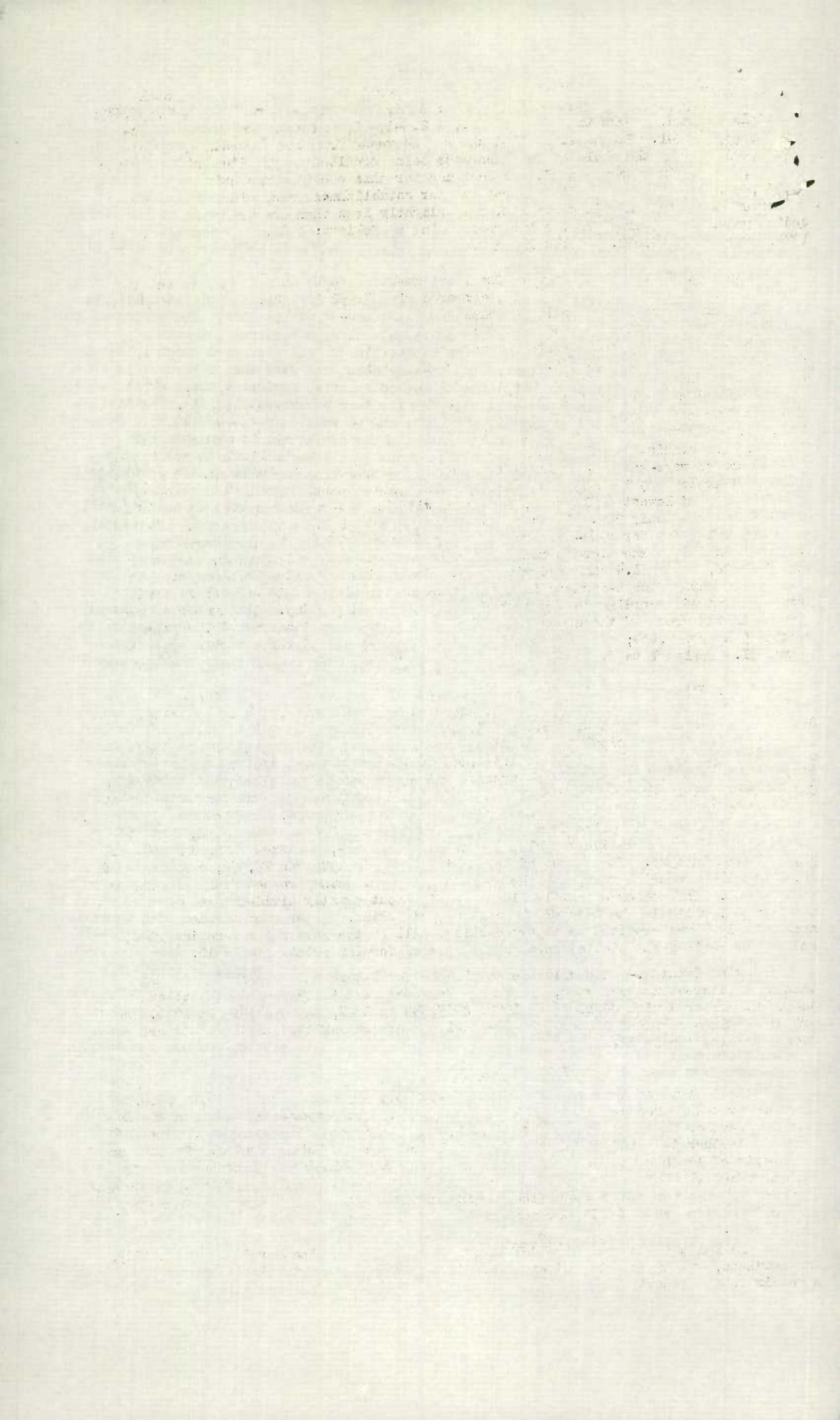
Custom Tanning.- The volume of work done for others and classified as custom tanning is decreasing each year, the charge for such work in 1929 amounting to only \$286,732, compared with \$421,986 in 1928, \$477,538 in 1927, and \$614,618 in 1926. The principal kinds of hides with regard to total number are cattle, buffalo and deer, moose and elk. Table 12.

IMPORTS AND EXPORTS

The imports of leather into Canada in 1929 had a total value of \$6,197,514, a decrease from the preceding year of 14 per cent, while the exports of products of the Canadian leather industry amounted to \$7,311,822, a decrease of 33 per cent. The trade in leather is chiefly with the United Kingdom and the United States. In the case of imports of leather the value of goods from the United Kingdom represented 19 per cent and from the United States 80 per cent of the total in 1929. With regard to exports of products of the Canadian leather industry, the value of goods sent to the United Kingdom represented 16 per cent of the total exports and to the United States, 77 per cent.

GENERAL TABLES

The following tables give detailed statistics of the leather industry in 1929, by provinces, and of imports and exports. A list of the tanneries is issued as an appendix to the report.



THE LEATHER INDUSTRY, CANADA

1. PRINCIPAL STATISTICS OF THE LEATHER INDUSTRY, 1929.

Province	Estab-lish-ments	Capital invested	Employees		Cost of Materials Used	Value of Production
			No.	Salaries and wages		
	No.	\$		\$	\$	\$
Maritime and Western Provinces(1)	17	261,952	59	71,727	130,116	242,793
Quebec	34	4,170,661	528	594,342	1,898,849	3,190,163
Ontario	35	22,626,588	2,726	3,268,814	16,036,618	22,374,209
Total	86	27,059,201	3,313	3,934,883	18,065,583	25,807,165

2. Capital Invested, 1929.

Province	Estab-lish-ments	Land, buildings, and machinery	Materials on hand, stocks in process, etc.	Cash and operating accounts	Total Capital
Maritime and Western Provinces(1)	17	181,201	69,120	11,631	261,952
Quebec	34	1,701,300	1,623,900	845,461	4,170,661
Ontario	35	7,472,978	10,848,461	4,305,149	22,626,588
Total	86	9,355,479	12,541,481	5,162,241	27,059,201

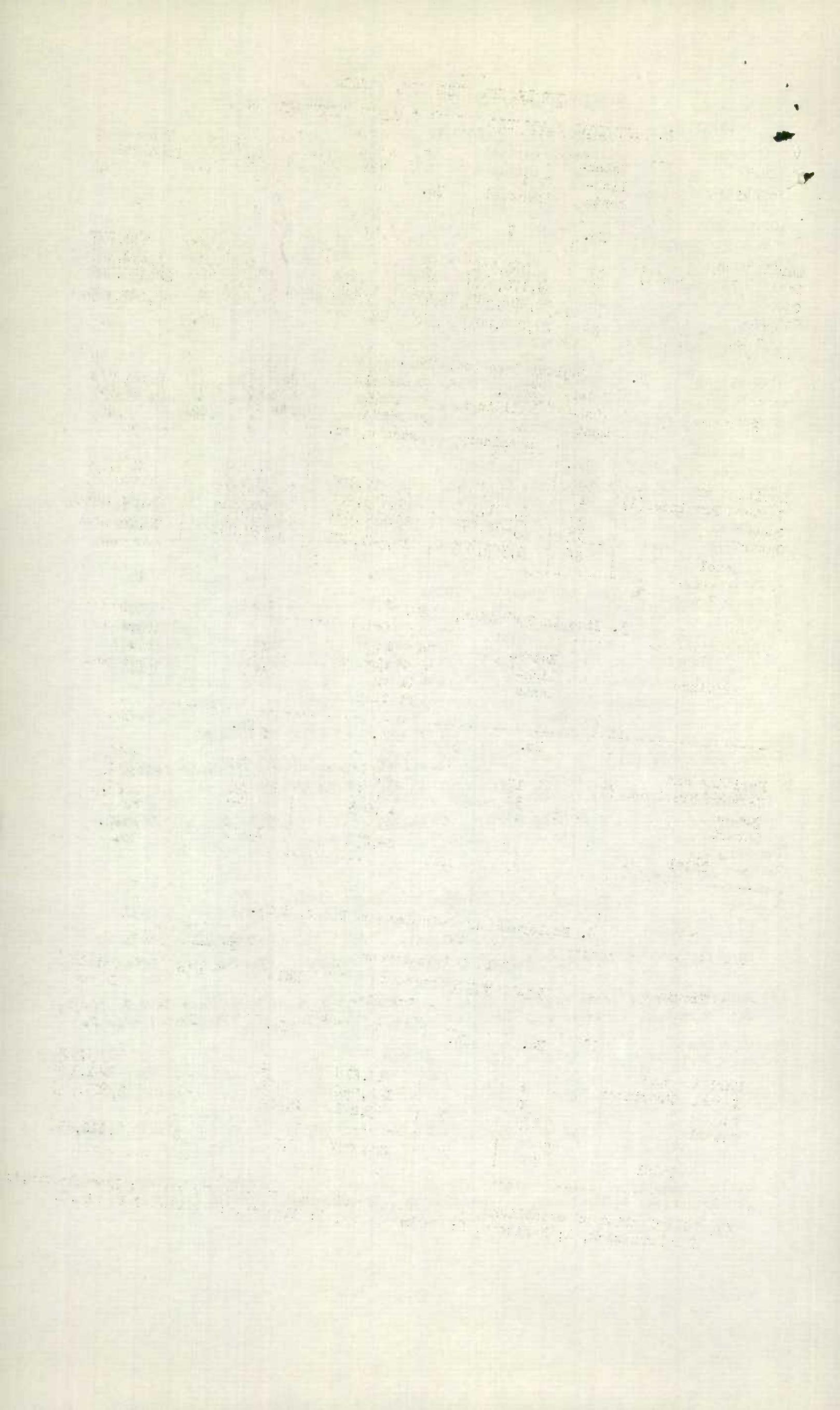
3. Time in Operation, 1929.

Province	Estab-lish-ments	Days in operation on full or part time	Days idle	Average days in operation
Maritime and Western Provinces (1)	17	4,531	637	266.5
Quebec	34	9,737	599	286.4
Ontario	35	10,023	617	286.4
Total	86	24,291	1,853	282.4

4. Employees and Salaries and Wages, 1929.

Province	Salaried Employees			Wage-earners		
	Male	Female	Total Salaries	Male	Female	Total Wages
	No.	No.	\$	No.	No.	\$
Maritime and Western Provinces	8	5	15,818	44	2	55,909
Quebec	50	2	142,958	461	15	451,384
Ontario	179	50	665,271	2,424	73	2,603,543
Total	237	57	824,047	2,929	90	3,110,836

(1) Distribution of establishments in the Maritime and Western Provinces: Nova Scotia, 1; New Brunswick, 1; Manitoba, 2; Saskatchewan, 7; Alberta, 4; British Columbia, 2.



THE LEATHER INDUSTRY, CANADA

5. Number of Wage-Earners, by months, 1929.

Province	January	February	March	April	May	June
	No.	No.	No.	No.	No.	No.
Maritime and Western Provinces (1)	52	55	49	48	44	41
Quebec	464	487	479	473	481	465
Ontario	2,591	2,610	2,534	2,442	2,395	2,427
Total	3,107	3,152	3,062	2,963	2,920	2,933

Province	July	August	September	October	November	December
	No.	No.	No.	No.	No.	No.
Maritime and Western Provinces (1)	37	37	35	37	39	45
Quebec	464	473	486	494	477	475
Ontario	2,484	2,524	2,555	2,557	2,510	2,343
Total	2,985	3,034	3,076	3,088	3,026	2,863

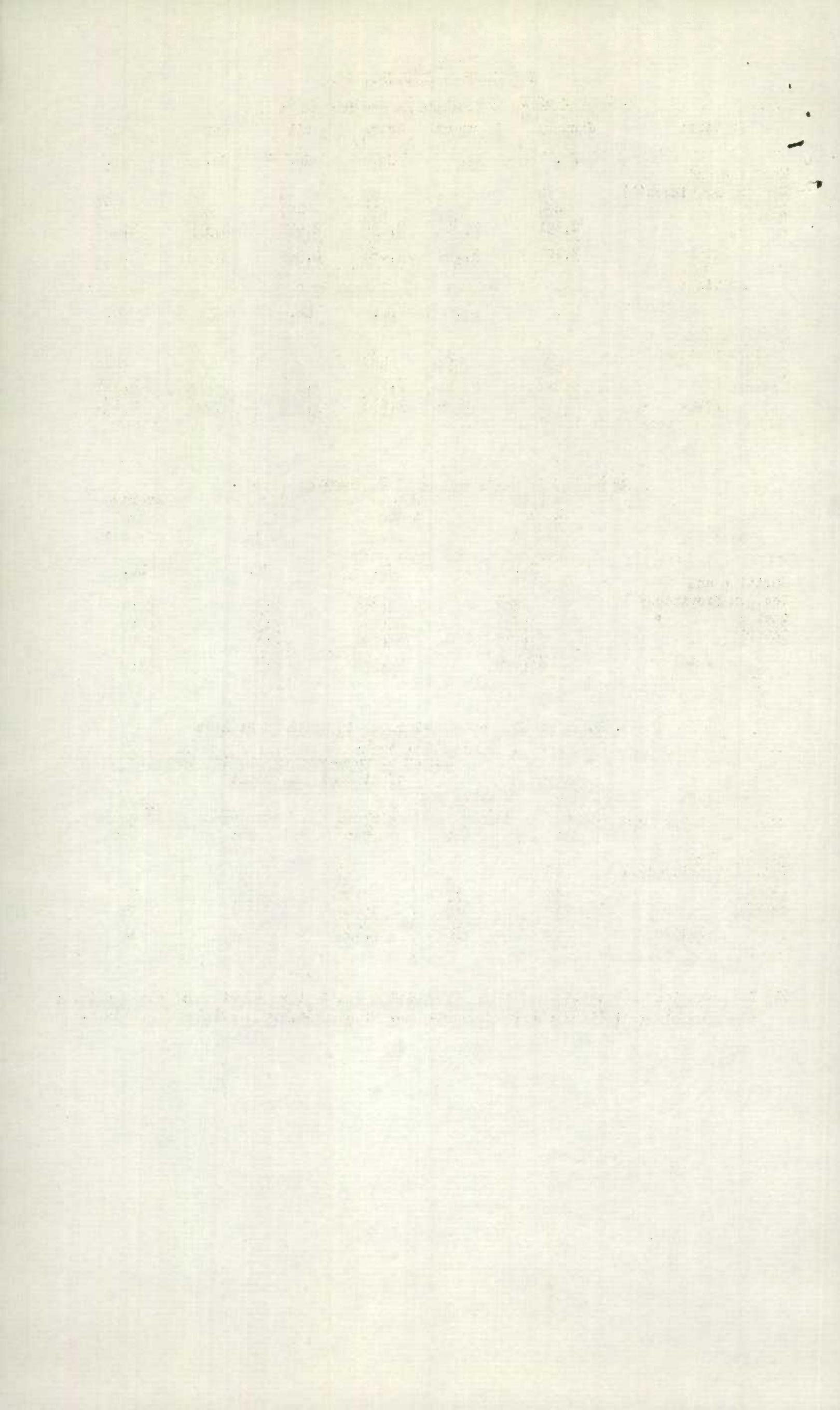
6. Number of Hours Worked by Wage-Earners, 1929.

Province	Total Hours worked per day	Total hours worked per week	Average hours per day	Average hours per week
	No.	No.	No.	No.
Maritime and Western Provinces (1)	403	2,319	8.8	50.4
Quebec	4,633	26,273	9.7	55.2
Ontario	22,742	126,702	9.1	50.7
Total	27,778	155,294	9.2	51.4

7. Hours of Work of Wage-Earners in Month of Highest Employment, 1929.

Province	Estab-lish-ments No.	Number of wage-earners working in month of highest employment			
		8 hours per day or less	9 hours	10 hours	Over 10 hours
		No.	No.	No.	No.
Maritime and Western Provinces (1)	17	4	54	-	-
Quebec	34	18	151	395	-
Ontario	35	410	1,949	551	31
Total	86	432	2,154	946	31

(1) Distribution of establishments in the Maritime and Western Provinces: Nova Scotia, 1; New Brunswick, 1; Manitoba, 2; Saskatchewan, 7; Alberta, 4; and British Columbia, 2.



THE LEATHER INDUSTRY, CANADA.

8. Power Equipment, 1929.

Province	Steam engines and turbines		Gas, gasoline and oil engines		Water wheels and turbines		Total primary power		Electric motors operated by purchased power		Total power equipment		Electric motors operated by power generated by primary power		Total electric motors		Boilers	
	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.
Maritime and Western Provinces	4	95	1	7	1	5	6	107	21	291	27	398	-	-	21	291	7	206
Quebec	13	473	2	8	-	-	15	481	109	1,461	124	1,942	-	-	109	1,461	22	1,180
Ontario	19	3,525	2	9	4	206	25	3,740	642	3,797	667	12,537	82	1,088	724	9,885	63	7,830
Total	36	4,093	5	24	5	211	46	4,328	772	10,549	818	14,877	82	1,088	854	11,637	92	9,216

9. Fuel Used, 1929.

Province	Establishments No.	Coal		Coke		Gasoline		Wood		Electricity	Other Fuel	Total Value	100
		Ton	¢	Ton	¢	Gal.	¢	Cord	¢	¢	¢		
Maritime and Western Provinces(1)	17	497	2,362	-	-	190	61	22	105	2,911	1,032	6,471	
Quebec	34	5,832	38,587	50	400	22	8	365	1,362	30,530	166	71,053	
Ontario	35	41,763	247,279	5,810	23,304	30	8	36	201	97,424	36,103	404,319	
Total	86	48,092	288,228	5,860	23,704	242	77	423	1,668	130,865	37,301	481,843	

(1) Distribution of establishments in Maritime and western provinces: Nova Scotia, 1; New Brunswick, 1; Manitoba, 2; Saskatchewan, 7; Alberta, 4; and British Columbia, 2.

THE LEATHER INDUSTRY, CANADA

10. Hides, Skins and Tanning Materials Used, 1929.

Kind		Maritime and Western Provinces	Quebec	Ontario	Canada
Cattle hides -					
Foreign	No.	-	8,269	687,487	695,756
Domestic	No.	16,794	156,699	441,993	615,486
Total	No.	16,794	164,968	1,129,480	1,311,242
Total weight	Lb.	766,496	7,274,382	54,707,419	62,748,297
Total cost	\$	98,441	940,102	9,460,960	10,499,503
Horse hides -					
Domestic	No.	267	15,286	23	15,576
Weight	Lb.	10,350	649,823	1,150	661,323
Cost	\$	708	53,867	105	54,680
Calf and kip skins--					
Foreign	No.	-	20,784	580,702	601,486
Domestic	No.	537	3,539	259,949	264,025
Total	No.	537	24,323	840,651	865,511
Total weight	Lb.	13,437	192,388	8,558,009	8,763,834
Total cost	\$	4,535	46,925	2,478,056	2,529,516
Sheep skins, pickled--					
Foreign	Doz.	-	11,867	91,941	103,808
Domestic	Doz.	8	17,045	35,283	52,336
Total	Doz.	8	28,912	127,224	156,144
Total weight	Lb.	400	655,915	3,756,375	4,412,690
Total cost	\$	35	244,472	1,042,717	1,287,224
Sheep skins, wool on--					
Foreign	Doz.	-	250	16,503	16,753
Domestic	Doz.	4	725	-	729
Total	Doz.	4	975	16,503	17,482
Total weight	Lb.	500	70,000	330,060	400,560
Total cost	\$	50	13,000	49,509	62,559
Goat skins -					
Foreign	Doz.	-	18,759	6,209	24,968
Weight	Lb.	-	388,226	152,754	540,980
Cost	\$	-	213,495	58,048	271,543
Splits -					
Weight	Lb.	-	-	104,176	104,176
Cost	\$	-	-	11,400	11,400
Other kinds(shoulders,etc.)\$					
		-	-	58,540	58,540
Leather purchased partly tanned:					
Cattle hides -					
Foreign sides	No.	-	-	6,120	6,120
Domestic "	No.	-	-	550	550
Total "	No.	-	-	6,670	6,670
Total weight	Lb.	-	-	93,538	93,538
Total cost	\$	-	-	36,284	36,284

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

1950

1951

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THE LEATHER INDUSTRY, CANADA

10. Hides, Skins and Tanning Materials Used, 1929 - Concluded.

Kind		Maritime and Western Provinces	Quebec	Ontario	Canada
Leather purchased partly tanned- concluded:					
Splits -					
Foreign	No.	-	-	31,288	31,288
Domestic	No.	-	17,263	120,189	137,452
Total	No.	-	17,263	151,477	168,740
Total weight	Lb.	-	223,665	844,959	1,068,624
Total cost	\$	-	78,001	102,647	180,648
Other kinds(shoulders,etc.)	\$	-	218	12,413	12,631
Tanning materials used -					
Bark for tanning	\$	580	18,173	185,052	203,805
Tanning extracts	\$	8,570	66,965	1,283,731	1,359,266
Tallow and oils	\$	7,467	43,154	481,235	531,856
Chemicals, dyes, etc.	\$	5,413	91,507	606,970	703,890
Tanning materials, n.e.s.	\$	4,317	88,970	168,951	262,238
Total cost of hides, skins and tanning materials used	\$	130,116	1,898,849	16,036,618	18,065,583

THE LEATHER INDUSTRY, CANADA

11. Production of Establishments engaged in the Leather Industry, by Provinces, 1929.

K i n d		Maritime and Western Provinces	Quebec	Ontario	Canada
Sole Leather -					
Hemlock sides	No.	1,000	295	4,132	5,427
	Lb.	20,000	5,400	61,980	87,380
	\$	8,000	2,050	37,747	47,797
Union sides	No.	895	5,069	264,271	270,235
	Lb.	9,680	96,023	4,951,941	5,057,644
	\$	7,360	38,409	1,835,780	1,881,549
Oak sides	No.	-	-	866,980	866,980
	Lb.	-	-	17,562,593	17,562,593
	\$	-	-	6,683,749	6,683,749
Chrome sides	No.	3,467	13,747	42,089	59,303
	Lb.	36,980	157,428	822,278	1,016,686
	\$	20,480	29,570	371,477	421,527
Sole leather splits	No.	-	-	22,840	22,840
	Lb.	-	-	106,784	106,784
	\$	-	-	43,652	43,652
Upper leather -					
Cattle and horse hides sides	No.	11,681	272,032	306,389	590,102
	sq.ft.	212,112	5,151,132	5,576,193	10,939,437
	\$	71,103	1,378,883	1,454,726	2,904,712
Calf skins	No.	293	74,904	776,027	851,224
	sq.ft.	3,525	727,782	8,387,030	9,118,337
	\$	1,765	253,564	2,983,169	3,238,498
Patent and enamelled shoe leather, (skins or side leather)	sq.ft.	-	785,239	9,207,945	9,993,184
	\$	-	168,826	2,551,299	2,720,125
Sheep skins	doz.	8	10,884	109,973	120,865
	sq.ft.	750	981,530	10,220,135	11,202,415
	\$	200	101,607	1,474,058	1,575,865
Goat skins	doz.	-	25,163	6,255	31,418
	sq.ft.	-	1,555,441	370,552	1,925,993
	\$	-	379,512	75,525	455,037
Wax splits	No.	600	7,000	17,662	25,262
	sq.ft.	1,800	70,000	158,958	230,758
	\$	540	11,000	21,007	32,547
Chrome splits	No.	12,990	87,798	521,407	622,195
	sq.ft.	57,599	547,266	3,877,084	4,481,949
	\$	10,720	88,908	576,812	676,440
Splits, n.e.s. value	\$	6,618	40,802	667,192	714,237

THE LEATHER INDUSTRY - CANADA

11. Production of Establishments engaged in the Leather Industry, by provinces,
1929 - Concluded.

K i n d		Maritime and Western Provinces	Quebec	Ontario	Canada
Oil tanned shoepack leather					
sides	No.	7,424	3,030	1,463	11,916
weight	Lb.	129,762	60,149	31,194	221,105
value	\$	43,669	20,638	12,326	76,633
Harness leather					
sides	No.	100	18	173,425	173,543
weight	Lb.	1,300	450	3,575,771	3,577,521
value	\$	675	313	1,379,257	1,380,245
Belting leather:					
Butts, weight	Lb.	-	3,900	239,699	243,599
value	\$	-	3,000	204,919	207,919
Offal (heads, shoulders, etc.) weight	Lb.	-	-	350,492	350,492
value	\$	-	-	96,672	96,672
Upholstering leather					
hides	No.	-	16,097	-	16,097
area	sq.ft.	-	692,171	-	692,171
value	\$	-	144,874	-	144,874
Glove, trunk, bag and pocket book leather					
area	sq.ft.	813	2,701,723	5,543,038	8,245,574
value	\$	136	392,086	893,959	1,286,181
Bookbinders leather (skins or side leather)					
area	sq.ft.	-	-	184,682	184,682
value	\$	-	-	39,943	39,943
Lace leather					
weight	Lb.	892	1,900	86,398	89,190
value	\$	938	1,520	83,231	85,689
Other Kinds of Leather, value	\$	5,333	945	116,989	123,267
Goodyear welting					
Yd.	Yd.	-	-	3,961,208	3,961,208
value	\$	-	-	245,182	245,182
Wool, weight	Lb.	500	11,000	-	11,500
value	\$	150	2,750	-	2,900
Hair, weight	Lb.	3,200	81,991	2,075,757	2,160,948
value	\$	160	8,559	195,021	203,740
Glue stock, weight	Lb.	106,910	1,067,765	15,342,383	16,517,058
value	\$	647	8,166	183,000	191,813
Other products, value	\$	2,667	-	36,923	39,590
Amount received for custom tanning (1)	\$	61,632	114,181	110,969	286,782
Total Value of Production	\$	242,793	3,190,163	22,374,209	25,807,165

(1) The numbers of hides and skins treated for others are shown in Table 12 - Custom Tanning.

THE LEATHER INDUSTRY, CANADA

12. Custom Tanning, (Hides and Skins treated for Others), 1929.

Hides and Skins		Maritime and Western Provinces	Quebec	Ontario	Canada
Leather, tanned but not finished -					
Cattle hides	No.	202	11,065	7	11,274
Weight	Lb.	9,200	694,358	356	703,914
Horse hides	No.	212	166	35	413
Weight	Lb.	7,550	7,985	2,000	17,535
Calf and kip skins	No.	38	740	9	787
Weight	Lb.	460	8,275	54	8,789
Sheep skins	Doz.	60	88	3	151
Weight	Lb.	400	2,114	60	2,574
Dog skins	No.	-	98	7,007	7,105
Leather, tanned and finished or finished which has already been tanned by others -					
Cattle hides	No.	2,360	3,202	47,124	52,686
Weight	Lb.	114,987	163,602	1,398,375	1,676,964
Horse hides	No.	3,034	190	341	3,565
Weight	Lb.	151,000	9,084	23,138	183,222
Calf and kip skins	No.	427	2,087	14	2,528
Weight	Lb.	5,337	21,342	820	27,499
Sheep skins	Doz.	75	424	7	506
Weight	Lb.	1,330	12,800	240	14,370
Buffalo hides	No.	226	-	-	226
Weight	Lb.	23,000	-	-	23,000
Splits	No.	-	-	46,242	46,242
Deer, moose and elk hides	No.	7	19,540	217	19,764
Fur skins	No.	75	1,188	211	1,474
Total amount received for Custom Tanning	\$	61,632	114,181	110,969	286,782

THE LEATHER INDUSTRY, CANADA

13. Classification of Establishments according to Number of Employees, 1929.

Province	Total number of establishments	Establishments employing				Establishments having no employees
		Less than 20 persons	20 to under 50 persons	50 to under 100 persons	100 persons and over	
		No.	No.	No.	No.	No.
Maritime and Western Provinces(1)	17	14	-	-	-	3
Quebec	34	15	5	3	-	11
Ontario	35	10	4	8	11	2
Total	86	39	9	11	11	16

14. Classification of Establishments according to Value of Production, 1929.

Province	Total number of establishments	Establishments having a Production valued at				
		Less than \$10,000	\$10,000 to under \$50,000	\$50,000 to under \$100,000	\$100,000 to under \$500,000	\$500,000 and over
		No.	No.	No.	No.	No.
Maritime and Western Provinces(1)	17	12	4	1	-	-
Quebec	34	16	2	5	11	-
Ontario	35	6	2	5	5	17
Total	86	34	8	11	16	17

(1) Distribution of establishments in the Maritime and Western Provinces: Nova Scotia, 1; New Brunswick, 1; Manitoba, 2; Saskatchewan, 7; Alberta, 4; British Columbia, 2.

THE LEATHER INDUSTRY - CANADA

IMPORTS AND EXPORTS

(Compiled by the External Trade Branch)

15. Imports into Canada, for consumption, of Products of the Leather Industry, during the calendar years 1927, 1928 and 1929.

Articles and countries from which imported	1927	1928	1929
Belting leather of all kinds -			
United Kingdom	\$ 111,786	156,764	157,977
United States	\$ 183,736	289,848	284,753
Other Countries.....	\$ 11,224	13,270	3,409
Total	\$ 306,746	459,882	446,144
Leather, not further finished than tanned - calf, kid, goat, lamb and sheep leather -			
United Kingdom	\$ 45,399	48,331	38,867
United States	\$ 102,682	147,960	159,725
Other Countries	\$ 581	14,178	8,483
Total	\$ 148,562	210,469	207,075
Leather, not further finished than tanned - other, and skins, n.o.p.--			
United Kingdom	\$ 60,246	85,596	79,703
United States	\$ 174,348	167,331	160,041
Other Countries	\$ 3,107	12,523	4,295
Total	\$ 237,701	265,450	244,039
Glove leather, tanned or dressed, coloured or uncoloured, imported by glove manufacturers for use exclusively in their own factories in the manufacture of gloves -			
United Kingdom	\$ 6,936	5,857	4,151
United States	\$ 1,031,188	1,310,867	953,678
Other Countries	\$ 461	10,850	571
Total	\$ 1,038,585	1,327,574	958,400
Harness leather -			
United Kingdom	\$ 1,442	1,447	3,834
United States	\$ 23,144	18,770	5,216
Other Countries	\$ -	-	-
Total	\$ 24,586	20,217	9,050
Japanned, patent or enamelled leather, and Morocco leather, and leather in imitation of Morocco leather -			
United Kingdom	\$ 14,560	17,070	26,692
United States	\$ 197,627	156,194	126,267
Other Countries	\$ 114	120	419
Total	\$ 212,301	173,384	153,378
Slips for Morocco leather, tanned, but not further manufactured -			
United Kingdom	\$ 4,069	770	5,122
United States	\$ 1,182	1,292	5,470
Other Countries	\$ 57	-	25
Total	\$ 5,308	2,062	10,617
Sole Leather -			
United Kingdom	\$ 34,333	52,882	36,654
United States.....	\$ 61,346	63,741	84,510
Other Countries.....	\$ 517	168	591
Total	\$ 96,196	116,791	121,755

THE LEATHER INDUSTRY - CANADA

IMPORTS AND EXPORTS

(Compiled by the External Trade Branch)

15. Imports into Canada, for consumption, of Products of the Leather Industry, during the calendar years 1927, 1928 and 1929 (Continued).

Articles and Countries from which imported	1927	1928	1929
Tanners' scrap leather -			
United Kingdom	\$	55	179
United States	\$	14,449	38,423
Other Countries	\$	-	-
Total	\$	14,449	38,478
Leather, dressed, waxed or glazed, or further finished than tanned -calf, dongola, goat, kid, lamb and sheep -			
United Kingdom	\$	237,314	466,824
United States	\$	1,453,542	1,443,135
Other Countries	\$	9,036	12,214
Total	\$	1,699,892	1,922,173
Leather, dressed, waxed or glazed, or further finished than tanned - cordovan, kangaroo, alligator and all leather, dressed, waxed or glazed, n.o.p.			
United Kingdom	\$	570,014	632,918
United States	\$	862,593	974,100
Other Countries	\$	15,979	17,324
Total	\$	1,448,586	1,624,342
Chamois skins -			
United Kingdom	\$	69,443	76,128
United States	\$	41,157	45,131
Other Countries	\$	6,322	11,478
Total	\$	116,922	132,737
Total leather, unmanufactured -			
United Kingdom	\$	1,155,542	1,544,642
United States	\$	4,146,994	4,556,792
Other Countries	\$	47,398	92,125
Total	\$	5,349,934	6,293,559

THE LEATHER INDUSTRY - CANADA

IMPORTS AND EXPORTS

(Compiled by the External Trade Branch)

16. Exports of Products of the Canadian Leather Industry, during the calendar years 1927, 1928 and 1929.

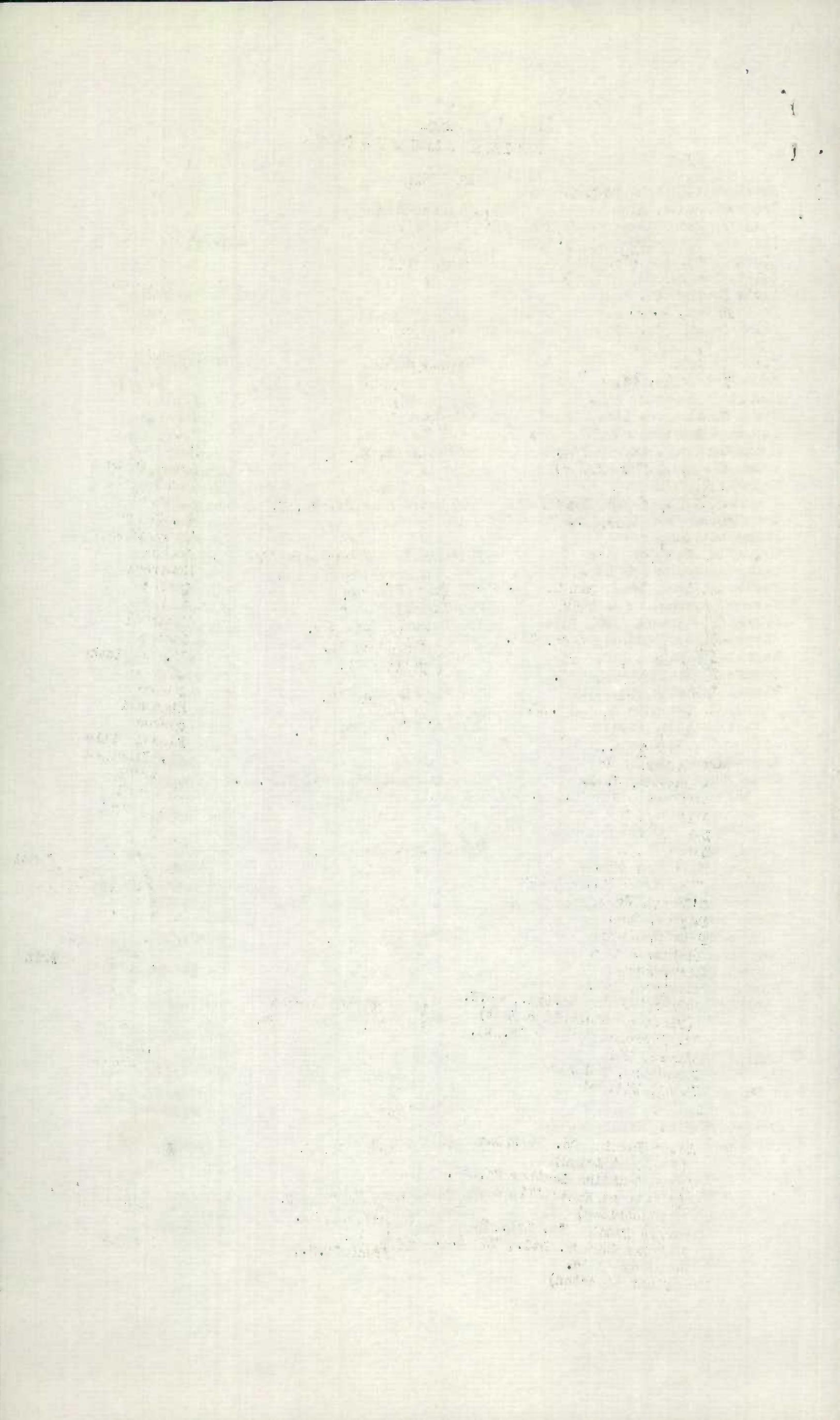
Articles and countries to which exported		1927	1928	1929
Harness leather -				
United Kingdom	\$	-	-	-
United States	\$	394,155	833,021	941,491
Other Countries	\$	7,315	8,846	6,060
Total	\$	401,470	841,867	947,551
Sole leather -				
United Kingdom	lb.	876,246	2,170,872	497,872
	\$	355,221	885,598	176,297
United States	lb.	6,951,019	6,170,856	4,736,069
	\$	2,550,951	2,784,850	1,828,360
Other Countries	lb.	518,709	528,146	610,062
	\$	223,140	249,522	232,811
Total	lb.	8,345,974	8,869,874	5,844,003
	\$	3,129,312	3,920,070	2,237,968
Upper leather -				
United Kingdom	lb.	870,419	-	-
	\$	1,644,232	1,798,913	986,789
United States	lb.	1,925,599	-	-
	\$	4,576,950	4,000,178	2,811,457
Other Countries	lb.	130,206	-	-
	\$	247,789	289,569	261,230
Total	lb.	2,926,224	-	-
	\$	6,468,971	6,088,660	4,059,476
All other unmanufactured leather, n.o.p.-				
United Kingdom	\$	5,281	8,979	13,225
United States	\$	27,538	64,472	52,308
Other Countries	\$	4,459	2,822	1,294
Total	\$	37,278	76,273	66,827
Total leather unmanufactured -				
United Kingdom	\$	2,004,734	2,693,490	1,176,311
United States	\$	7,549,594	7,682,521	5,634,116
Other Countries	\$	482,703	550,859	501,395
Total	\$	10,037,031	10,926,870	7,311,822

-18-
THE LEATHER INDUSTRY - CANADA

APPENDIX

List of Tanneries

<u>Name</u>		<u>Address</u>
<u>NOVA SCOTIA</u>		
Parlier, W. A.		Shubenacadie
<u>NEW BRUNSWICK</u>		
Palmer Co. Ltd., John	Argyle Street	Fredericton
<u>QUEBEC</u>		
Acme Glove Works Ltd. (Plant at Joliette)	251 Vitre St. E.	Montreal
Acton Shoe Co., The		Acton Value
Bastien, Ludger		Loretteville
Bonner Leather Co., The	2060 Notre Dame St. W.	Montreal
Boucher, Joseph		St. Pascal
Brisbois, Emery		Laurentides
Cantin, Wilfred	51 Marie de l'Incarnation St.	Quebec
Carman & Flynn Tanning Co. Ltd.	3989 St. Ambroise St.	Montreal
Clement Ltd., Edgar	179 Arago St.	Quebec
Cote, Arthur	196 Charest St.	Quebec
Daoust, Lalonde & Co. Ltd.	939 Victoria Sgr.	Montreal
Deslauriers, Ulderick	196 Charest St.	Quebec
Duclos & Payan, Ltd.	1 William St.	St. Hyacinthe
Dufour, Alcide		Sayabec
Dugal & Matte, Enrg., P.	206 Fleurie St.	Quebec
Dumont, Edmond	P. O. Box 406	Rimouski
Fortier & Co., Nazaire	517 St. Valier St.	Quebec
Fournier, Eudore		Plessisville
Galarneau, J. T.		St. Timothee
Galibert & Son Co., C.	2125 St. Catherine St. E.,	Montreal
Galibert, Paul	650 Wellington St.	Montreal
Labbe, Protais		St. Gervais
Loiselle, Raphael		Upton
Marchand, Geo.	196 Charest St.	Quebec
Marcotte & Co., Arthur		Portneuf
O'Leary, Joseph		Notre Dame du Lac Station
Paquet, Geo.		St. Georges East
Potvin, Joseph		Baie St. Paul
Racine, Albert	18 Demers St.	Quebec
Riou, Hector		Trois Pistoles
Rodrigue, Nap.		St. Ephrem de Tring
Sadler Belting Co. Ltd., Geo. W. (Plant at Stanbridge East)	1845 William Street	Montreal
St. Lawrence Leather Co. Ltd.	3989 St. Ambroise St.	Montreal
Simard, Elie		Baie St-Paul
Sylvestre, Delphis		St. Aime
Vidal, Wilfred		Arthabaska
<u>ONTARIO</u>		
Acton Tanning Co. Ltd., The (Plant at Acton)	37 Front St. E.	Toronto
Anglo Canadian Leather Co. Ltd. (Plants at Huntsville & Bracebridge)	368 Notre Dame W.	Montreal, Que.
Barrie Tanning Co. Ltd., The	55 Bradford St.	Barrie
Beal Leather Co. Ltd., The R.M.	Logie St.	Lindsay
Beardmore & Co. (Plant at Acton)	37 Front St. E.,	Toronto



List of Tanneries - Concluded.

<u>Name</u>		<u>Address</u>
<u>ONTARIO - Concluded.</u>		
Breithaupt Leather Co.Ltd.,The	Adam St.	Kitchener
Bremner Estate, Alex.	Vienna Road	Tillsonburg
Canadian Patent Leather Co.Ltd.,The	2 Carlaw Ave.	Toronto
Clarke & Clarke Company, Ltd.	P. O. Box 279	Barrie
Clarke & Co. Ltd., A. R.	633-661 Eastern Ave.	Toronto
Collis Leather Co. Ltd., The	Tyler Street	Aurora
Davis Leather Co. Ltd.		Newmarket
Davis & Son, Ltd., A.	407 Rideau St.	Kingston
Delhi Tanning Co., The		Delhi
Prop. H. S. Howey		Newburgh
Dickson, John	Water St.	New Toronto
Donnell & Mudge, Ltd.	Cor. 8th & Birmingham Sts.	Cobourg
Edwards & Edwards, Ltd.	Alice St.	Collingwood
Foley Tanning Co. Ltd., The	13 East Hickory St.	Kitchener
Hastings Tanning Co. Ltd., The	128 Weber St.	London
Hyman Leathers, Ltd.	St. George St.	London
Hyman Co. Ltd., The C.S.	Richmond St.	Oakville
Kendal, James R.	Cor. Colborne & Navy Sts.	Whitby
King Bros. Co. of Whitby, Ltd., The		Kitchener
Lang Tanning Co. Ltd., The	30 Francis St. S.	St. Catharines
McCordick, Frank C.	2 Chestnut St.	Owen Sound
McQuay Tanning Co. Ltd., The	1852 Third Ave. E.	Oakville
Marlatt Leather Co. Ltd.,		Hamilton
Meakins & Sons, Ltd.	3 West Ave., S.	Toronto
Riverdale Leather Co. Ltd.,	45 Dickens Ave.	Oshawa
Robson Leather Co. Ltd., The		Brampton
Stacey-Wagner Leather Co., The		Parry Sound
Taylor, William	Seguin St.	Merritton
Towne and Son, Alfred	23 Turner St.	Toronto
Wicket & Craig, Ltd.	1-37 Cypress St.	
<u>MANITOBA</u>		
Fares-Larone, Ltd.	501 Pacific Ave.	Brandon
Wheat City Tannery, Ltd.	Cor. First St. & Pacific Ave.	Brandon
<u>SASKATCHEWAN</u>		
Booth, Percy	701 Manitoba St. E.	Moose Jaw
Brigman, Wm. G.	106 Avenue C., North	Saskatoon
McIntyre, Wm. J.		Swift Current
Massin Tanning Co. Ltd., The Frank	Cor. 7th & Wallace Sts.,	Regina
North Battleford Tannery		
Prop. W. O. Normandin	1102 Queen St.	North Battleford
Saskatoon Tannery Co.		
Prop. M. Beaverman	208 - 22nd St. W.	Saskatoon
Yorkton Tannery		
Prop. M. Sweet		Yorkton
<u>ALBERTA</u>		
Briggs, Arthur	Barronsland St.,	Calgary
Edmonton Tannery,		
Prop. L. Gattenmeyer	9272 - 110 A. Ave.	Edmonton
McKinley Leather Co.		Camrose
Progressive Tannery,		
Prop. J. Jegard	10271 - 99th St.	Edmonton
<u>BRITISH COLUMBIA</u>		
Leckie Co. Ltd., J.	220 Cambie St.	Vancouver
Paris, Pierre	51 Hastings St. W.	Vancouver

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