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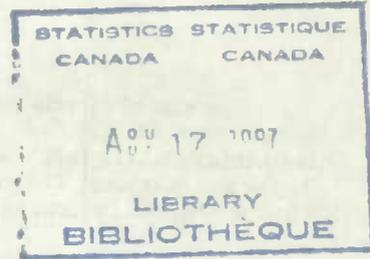
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CANADA



THE LEATHER TANNING INDUSTRY

1956



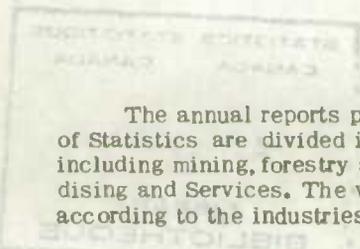
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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** - The Primary Industries, including mining, forestry and fisheries; **Volume II** - Manufacturing; **Volume III** - Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I - General Review of the Manufacturing Industries, \$1.50
- II - The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III - Foods and Beverages
- IV - Tobacco and Tobacco Products
- V - Rubber Products
- VI - Leather Products
- VII - Textile Mills
- VIII - Knitting Mills
- IX - Clothing
- X - Wood and Paper Products
- XI - Printing Trades
- XII - Iron and Steel Products
- XIII - Transportation Equipment
- XIV - Non-ferrous Metal Products
- XV - Electrical Apparatus and Supplies
- XVI - Non-metallic Mineral Products
- XVII - Products of Petroleum and Coal
- XVIII - Chemicals and Allied Products
- XIX - Miscellaneous Manufactures

The present report belongs in Part VI, Leather Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A - General Review, 25¢
- B - The Leather Footwear and Leather Boot and Shoe Findings Industries, 25¢
- C - The Leather Glove and Mitten Industry, 25¢
- D - The Leather Tanning Industry, 25¢
- E - The Miscellaneous Leather Products and Leather Belting Industries, 25¢

THE LEATHER TANNING INDUSTRY 1956

The gross value of shipments of Canadian tanneries in 1956 was \$51,858,497, an increase of 7 p.c. over the \$48,398,161 shown in 1955 but a decrease of 25 p.c. from the \$69,240,166 recorded for the peak year of 1947.

There were 53 establishments as against 54 in 1955, affording employment to 3,973 persons, an increase of 4 p.c. over the 3,821 employed in the previous year. Salary and wage payments amounted to \$12,520,734 as compared with \$11,364,476, an increase of 10 p.c.

The cost of materials, at \$32,584,209, was 18 p.c. greater than the \$27,695,719 paid out in 1955. Cattle hides, sheep skins both pickled and wool on and goat skins showed increases in both quantities and values, while calf and kip skins and unclassified varieties declined. Considerably fewer horse hides were used but the total cost of these was higher. The value of inventories of finished goods and goods in process was \$203,849 greater at the end of the year and the value of production is estimated at \$52,062,346. The value added by manufacture was \$18,332,391, nearly 5 p.c. lower than the estimate for 1955.

The values of the principal types of leather shipped, with those for 1955 in parentheses, were: cattle, calf and horse upper, \$26,279,759 (\$24,819,906); sole, \$7,008,156 (\$6,974,340); glove and garment, \$5,133,808 (\$4,440,561); and chrome splits, \$2,603,928 (\$2,385,592). The combined value of these five types accounted for almost 80 per cent of the gross value of shipments of the industry.

The industry is centered in Ontario, this province accounting for 84 p.c. of the total output; Quebec for 12 p.c. and the remaining provinces for only 4 p.c.

LEATHER PRODUCTS

TABLE 1 Principal Statistics, Canada, Representative Years, 1917 to 1954 and by Provinces, 1955 and 1956

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Cost of fuel and electricity used ¹	Value added by manufacture ²	Gross selling value of products ³
	No.	No.	\$	\$	\$	\$	\$
1917	136	4,128	3,360,106	26,624,477	477,640	12,626,642	39,728,759
1918	139	3,723	3,464,845	23,681,659	476,302	8,922,037	33,079,998
1919	113	4,211	4,402,779	34,297,878	445,161	11,159,043	45,902,082
1920	100	3,887	4,630,343	30,370,591	509,781	9,087,459	39,967,831
1921	119	3,707	4,081,062	15,157,358	500,989	7,247,181	22,905,528
1922	116	3,854	4,302,918	15,754,951	467,549	8,069,384	24,291,884
1923	123	3,787	4,302,069	16,458,674	430,110	6,744,381	23,633,165
1928	91	3,952	4,486,828	26,253,779	524,080	8,424,221	35,202,080
1929	86	3,313	3,934,883	18,065,583	481,843	7,259,739	25,807,165
1932	82	3,096	3,180,663	7,986,742	392,467	5,808,909	14,188,118
1933	88	3,322	3,247,296	9,753,096	411,313	6,310,974	16,475,383
1937	83	4,382	4,576,703	18,592,794	518,940	7,158,060	26,269,794
1938	88	3,940	4,175,321	12,522,318	469,141	6,669,640	19,661,099
1939	84	4,312	4,688,836	17,480,088	517,362	7,587,522	25,584,972
1944	75	4,472	7,585,418	28,233,845	828,100	15,949,343	45,011,288
1946	78	5,400	9,224,329	35,658,320	938,731	20,401,700	56,998,751
1947	81	5,574	10,679,878	46,220,085	1,081,095	21,938,986	69,240,166
1949	70	4,573	10,295,023	37,409,211	988,646	15,950,581	54,348,488
1950	68	4,399	10,435,085	40,923,465	1,090,251	17,079,777	59,093,493
1951	61	4,061	10,318,606	44,385,680	1,037,009	12,457,291	57,879,980
1952	67	3,923	10,790,441	27,973,421	1,071,424	17,556,765	46,601,610
1953	60	4,051	11,757,538	30,354,423	1,111,472	16,530,503	47,996,398
1954	55	3,798	10,902,715	23,532,397	1,037,697	17,578,302	42,609,053
1955							
Canada	54	3,821	11,364,476	27,695,719	1,047,562	19,244,679	48,398,161
Quebec	21	493	1,306,105	2,472,794	127,519	2,125,760	4,744,632
Ontario	24	3,168	9,645,024	24,210,755	886,863	16,350,615	41,859,705
Other Provinces ⁴	9	160	413,347	1,012,170	33,180	768,304	1,793,824
1956							
Canada	53	3,973	12,520,734	32,584,209	1,145,746	18,332,391	51,858,497
Quebec	22	518	1,485,400	3,587,583	155,935	2,326,179	6,069,889
Ontario	23	3,314	10,638,290	27,712,209	949,914	15,252,679	43,729,901
Other Provinces ⁵	8	141	397,044	1,284,417	39,897	753,533	2,058,707

1. For the years 1917-1923 cost of fuel only is shown.

2. Figures for "Value added by manufacture" are obtained by subtracting cost of materials used and cost of fuel and electricity from value of production. In 1952 and 1953 value of shipments was used since the value of production could not be ascertained. In 1954 and 1955 value of production was computed by using the value of shipments plus or minus the increase or decrease in finished goods inventory. For 1956, the decrease in goods in process inventory was also deducted.

3. Figures for 1952 and later years represent value of factory shipments.

4. Newfoundland, 1; New Brunswick, 1; Manitoba, 1; Saskatchewan, 1; Alberta, 3; British Columbia, 2.

5. Newfoundland, 1; New Brunswick, 1; Manitoba, 1; Alberta, 3; British Columbia, 2.

TABLE 2. Factory Shipments, by Provinces, 1956, with Canada Totals, 1955

Kind	Provinces			Canada	
	Quebec	Ontario	All other provinces	1956	1955
Sole leather:					
Crops	Lb.	—	—	—	—
	\$	—	—	—	—
Bands	Lb.	—	8,713,872	—	8,737,971
	\$	—	5,216,220	1	5,237,657
Shoulders	Lb.	—	2,702,051	—	2,716,650
	\$	—	1,222,232	1	1,229,462
Bellies	Lb.	—	1,634,847	—	1,651,338
	\$	—	535,521	1	541,037
Total	Lb.	—	13,050,770	—	13,105,959
	\$	—	6,973,973	—	7,008,156
Beiting leather:					
Butts, rough and curried	Lb.	—	200,866	—	200,866
	\$	—	240,266	—	240,266
Upper leather:					
Cattle and horse hides:					
Sides	No.	586,701	2,244,642	170,841	3,002,184
Area	Sq. ft.	11,431,982	44,791,772	3,295,855	59,519,609
Value	\$	3,816,891	15,016,351	1,165,919	19,999,161
Calf skins	No.	13,484	959,531	—	973,047
Area	Sq. ft.	117,426	9,484,019	—	9,601,863
Value	\$	58,180	6,222,086	1	6,280,598
Patent and enamelled shoe leather:					
Sides	No.	—	—	—	—
Area	Sq. ft.	—	—	—	—
Value	\$	—	1	—	1
Sheep skins	Doz.	—	2,334	—	2,407
Area	Sq. ft.	—	192,976	—	199,176
Value	\$	1	47,949	1	49,416
Goat skins	Doz.	—	3,301	—	10,692
Area	Sq. ft.	—	244,825	—	817,104
Value	\$	1	124,868	1	217,244
Wax splits	No.	—	—	—	—
Area	Sq. ft.	—	—	—	—
Value	\$	—	—	—	—
Chrome splits	No.	523,458	1,474,646	205,550	2,203,654
Area	Sq. ft.	3,724,800	10,540,095	1,843,850	16,108,745
Value	\$	553,408	1,876,790	173,730	2,603,928
Splits, n.e.s.	\$	3,892	1,147,300	—	1,151,192
Upholstering leather, hides	No.	—	—	—	—
Area	Sq. ft.	—	—	—	—
Value	\$	1	1	—	1
Trunk, bag and pocketbook leather:					
Area	Sq. ft.	659,379	—	—	2,435,447
Value	\$	274,974	1	1	1,052,196
Glove leather:					
Area	Sq. ft.	—	13,841,454	—	14,045,361
Value	\$	1	3,271,652	1	3,331,666
Garment leather					
Area	Sq. ft.	—	4,507,841	—	6,478,187
Value	\$	1	1,253,919	1	1,802,142

1. Included with "Leather, n.e.s."

TABLE 2. Factory Shipments by Provinces, 1956 with Canada Total, 1955 - Concluded

Kind	Provinces			Canada	
	Quebec	Ontario	All other provinces	1956	1955
Upper Leather - Concluded					
Bookbinders leather (Skins or side leather):					
Area Sq. ft.	-	-	-	-	-
Value \$	-	1	-	1	-
Oil tanned shoepack leather:					
Sides No.	-	-	-	-	-
Weight Lb.	-	-	-	-	-
Value \$	1	-	1	1	1
Harness leather, sides No.	-	-	-	-	-
Weight Lb.	-	-	-	-	-
Value \$	1	1	-	1	1
Lace leather, weight Lb.	-	-	-	163,007	161,282
Value \$	1	1	1	271,536	228,712
Leather, n.e.s. \$	260,254	6,149,013	685,082	5,308,996 ²	4,928,047 ²
Offal Lb.	-	1,694,130	-	1,694,130	1,387,225
Value \$	-	507,907	-	507,907	382,753
Welting Yd.	-	-	-	-	-
Value \$	-	1	-	1	1
Shearlings & Mouton Doz.	-	-	-	-	-
Area Sq. ft.	-	-	-	-	-
Value \$	3	-	-	3	3
Wool, value \$	-	-	-	-	-
Hair, weight Lb.	-	3,668,729	-	3,778,878	4,091,099
Value \$	-	476,549	3	488,579	483,575
Glue stock, weight Cwt.	26,700	279,061	-	309,553	355,812
Value \$	21,953	116,819	3	140,668	228,586
Other products, value \$	790,550	270,686	14,514	1,061,824 ⁴	875,081 ⁴
Amounts received for custom tanning \$	289,787	33,773	19,462	343,022	309,157
Total value of shipments \$	6,069,889	43,729,901	2,058,707	51,858,497	48,398,161

1. Included with "Leather, n.e.s."

2. Total does not include certain items grouped to conceal identity of firms.

3. Included with "Other products".

4. Canada total does not include certain items already included in this column but for which provincial figures are not shown, in order to conceal identity of firms.

MATERIALS USED

Hides and skins accounted for 73 p.c. of the value of materials, the remaining 27 p.c. being accounted for by tanning extracts, dyes and other materials. The cost value of all items under this classification was \$32,584,209 compared with \$27,695,719 in 1955. The hides and skins of all kinds (types such as seal, buffalo, splits, etc. excepted) numbered 4,613,835 with a total weight of 144,709,661 pounds and a total value of \$22,345,280 compared with 4,603,966 skins weighing 134,952,114 pounds and valued at \$19,160,771 for 1955. The total number is divided by origin as follows: 1,822,475 imported and 2,791,360 domestic.

The following is the average price per pound in 1956 with the comparable figure for 1955 in parentheses: cattle hides, 13.0 cents (11.4); horse hides, 16.0 cents (10.3); calf and kip skins, 47.7 cents (45.3); pickled sheep skins, 29.9 cents (33.2); sheep skins, wool on, 26.9 cents (27.8); goat skins 68.6 cents (71.2).

The tanning materials used had a total value of \$7,509,501, apportioned by groups as follows; tanning extracts, \$2,577,499; chemicals \$1,784,335; oils and greases, \$974,186; dyes, \$583,726; bark for tanning \$6,050; miscellaneous materials, \$1,583,705.

TABLE 3. Materials Used, by Provinces, 1956; with Canada Totals 1955

Kind	Provinces			Canada	
	Quebec	Ontario	All other provinces	1956	1955
Cattle hides:					
Foreign	No. 31,432	553,714	11,800	596,946	744,519
Domestic	" 292,542	1,412,183	126,894	1,831,624	1,549,313
Total	" 323,974	1,965,902	138,694	2,428,570	2,393,832
Total weight	Lb. 17,192,585	106,598,041	7,406,974	131,197,600	120,547,081
Total cost	\$ 2,081,563	14,042,376	875,399	16,999,333	13,743,112
Horse hides:					
Weight	Lb. 1,500	1,470,814	—	1,472,314	2,177,835
Total cost	\$ 400	235,868	—	236,268	224,948
Calf and kip skins:					
Foreign	No. —	623,277	—	623,277	715,433
Domestic	" 25,036	324,813	131	349,980	433,834
Total	" 25,036	948,090	131	973,257	1,149,317
Total weight	Lb. 224,322	8,034,416	2,623	8,261,361	9,230,780
Total cost	\$ 52,008	3,891,165	527	3,943,700	4,185,293
Sheep skins, pickled:					
Foreign	Doz. —	26,384	—	26,384	24,675
Domestic	" 45	47,952	—	47,997	40,224
Total	" 45	74,336	—	74,381	64,899
Total weight	Lb. 1,350	2,245,240	—	2,246,590	1,899,470
Total cost	\$ 540	672,000	—	672,540	629,698
Sheep skins, wool on:					
Foreign	Doz. 10,107	—	—	10,107	7,000
Domestic	" —	—	33	33	99
Total	" 10,107	—	33	10,140	7,099
Total weight	Lb. 1,334,124	—	1,650	1,335,774	928,220
Total cost	\$ 358,456	—	400	358,856	257,646
Goat Skins:					
Foreign	Doz. 7,388	5,737	—	13,125	11,861
Total	" 7,388	5,737	—	13,125	11,861
Total weight	Lb. 89,322	106,700	—	196,022	168,728
Total cost	\$ 60,794	73,784	—	134,578	120,074
Other kinds and splits	\$ 16,014	1,485,156	617	1,501,787	1,502,419
Tanning materials:					
Bark for tanning:					
Hemlock	Cord —	275	—	275	162
Other	\$ —	6,050	—	6,050	3,564
Tanning extracts:					
Chestnut	Lb. —	2,218,908	12,980	2,231,888	1,883,576
Chrome	\$ —	279,923	1,520	281,443	241,987
Cutch	Lb. 1,284,529	2,002,316	638,303	3,925,648	3,138,110
Gambier	\$ 143,143	216,151	77,596	436,890	332,431
Hemlock	Lb. —	45,925	11,000	56,925	61,575
Myrabolans	\$ —	4,929	1,650	6,579	6,586
Oak	Lb. 1,000	53,847	2,035	56,882	36,421
Quebracho	\$ 150	7,219	385	7,754	5,614
Spruce	Lb. —	68,510	5,752	74,262	71,804
Spruce	\$ —	6,111	575	6,686	6,160
Spruce	Lb. —	317,505	—	317,505	265,706
Spruce	\$ —	25,697	—	25,697	18,172
Spruce	Lb. 6,000	2,194	22,000	30,194	165,044
Spruce	\$ 720	245	2,508	3,473	21,659
Spruce	Lb. 257,829	8,646,123	128,927	9,032,879	10,701,631
Spruce	\$ 56,989	950,350	18,645	1,025,984	1,002,928
Spruce	Lb. 49,500	1,335,378	8,100	1,392,978	3,126,451
Spruce	\$ 1,865	52,250	1,260	55,375	126,588

TABLE 3. Materials Used, by Provinces, 1956, with Canada Totals, 1955 - Continued

Kind	Provinces			Canada		
	Quebec	Ontario	All other provinces	1956	1955	
Tanning Materials - Continued						
Tanning extracts:						
Valonea	Lb.	-	495,785	-	495,785	462,673
	\$	-	33,654	-	33,654	34,347
Wattle	Lb.	24,678	1,739,189	-	1,763,867	1,761,885
	\$	3,571	187,646	-	191,217	191,271
Other tanning extracts	\$	17,998	185,783	984	204,765	174,344
Synthetic tans	\$	10,496	272,823	14,663	297,932	335,444
Oils and greases:						
Cod oil (including sulphonated)	Lb.	266,864	1,183,112	38,860	1,493,836	1,548,919
	\$	36,140	156,027	6,112	198,279	197,344
Other fish oils	Lb.	43,209	525,917	182,224	751,350	625,060
	\$	5,706	78,983	27,826	112,517	89,526
Neat's - foot oil (including sulphonated)	Lb.	98,770	357,528	25,674	481,972	482,274
	\$	22,053	79,943	5,919	107,915	115,726
Other animal oils	Lb.	-	27,378	110	27,488	40,001
	\$	-	4,553	15	4,568	5,249
Castor oil (including sulphonated)	Lb.	17,604	22,450	-	40,054	35,303
	\$	3,003	3,960	-	6,963	5,866
Coconut oil (including sulphonated)	Lb.	165,688	34,597	-	200,285	212,693
	\$	33,284	5,982	-	39,266	43,591
Other vegetable oils	Lb.	112	15,410	24,477	39,999	42,323
	\$	19	2,679	2,279	4,977	3,392
Mineral oils	Lb.	74,806	1,200,957	11,439	1,287,202	1,149,123
	\$	10,630	63,409	1,460	30,499	55,241
Degras or sod oil	Lb.	4,725	376,310	19,821	400,856	467,909
	\$	1,023	46,363	1,817	49,203	61,454
Tallow	Lb.	9,341	308,161	57,694	375,196	333,102
	\$	557	31,729	5,381	37,667	31,682
Other oils and greases	\$	21,725	294,329	16,276	332,332	283,748
Chemicals and dyes:						
Acetic acid	Lb.	1,711	52,270	3,548	57,529	65,426
	\$	330	5,527	427	6,284	7,431
Alcohol	Lb.	-	48,835	6,087	54,922	71,570
	\$	-	5,286	1,576	6,862	7,341
Alum	Lb.	68,653	97,230	12,940	178,823	139,028
	\$	19,154	4,637	809	24,600	10,953
Ammonia	Lb.	10,448	116,332	34,429	161,259	89,805
	\$	503	7,021	1,388	8,912	5,834
Bichromate of soda	Lb.	111,490	1,893,830	-	2,005,320	2,023,859
	\$	12,521	256,678	-	269,199	253,307
Borax	Lb.	36,378	214,855	5,332	257,065	245,363
	\$	2,108	10,815	314	13,237	12,828
Boric acid	Lb.	2,700	139,242	-	141,942	128,542
	\$	420	12,706	-	13,126	10,721
Formaldehyde	Lb.	75,380	43,311	282	118,973	134,169
	\$	5,384	4,108	41	9,533	8,199
Formic acid	Lb.	38,517	125,295	18,979	182,791	174,282
	\$	5,617	19,909	3,743	29,269	27,299
Glucose	Lb.	22,000	186,975	-	208,975	210,647
	\$	8,960	13,182	-	22,142	15,785
Glycerine	Lb.	-	15,525	-	15,525	12,364
	\$	-	5,521	-	5,521	4,516
Lactic acid	Lb.	6,000	136,408	380	142,788	136,286
	\$	780	19,931	156	20,867	18,501
Lime	Lb.	1,485,332	11,041,214	477,910	13,004,456	12,331,467
	\$	16,848	115,580	7,664	140,092	118,468
Lithopone	Lb.	104,000	110,240	200	214,440	206,005
	\$	7,312	10,362	24	17,698	19,136

TABLE 3. Materials Used, by Provinces, 1956, with Canada Totals, 1955 - Concluded

Kind	Provinces			Canada	
	Quebec	Ontario	All other provinces	1956	1955
Tanning Materials - Concluded					
Chemicals and dyes:					
Magnesium sulphate (Epsom Salts)	Lb. 500	1,063,526	1,097	1,065,123	1,068,608
	\$ 50	29,057	56	29,163	26,361
Muriatic acid	Lb. 597	70,827	4,980	76,404	75,576
	\$ 44	3,305	340	3,689	3,667
Oxalic acid	Lb. 5,854	227,525	476	233,855	211,875
	\$ 726	38,308	107	39,141	34,846
Sal ammoniac or ammonium chloride	Lb. 37,300	6,500	5,437	49,237	55,507
	\$ 2,379	496	544	3,419	8,381
Salt	Lb. 1,649,711	11,918,472	1,281,930	14,850,113	13,447,874
	\$ 26,276	106,691	14,218	147,185	138,386
Soap	Lb. 75,944	101,669	8,983	186,596	161,335
	\$ 9,764	14,413	1,063	25,240	21,968
Sodium acetate	Lb. 12,120	37,753	20	49,893	43,135
	\$ 1,261	6,610	5	7,876	6,935
Sodium bicarbonate	Lb. 182,630	761,774	87,189	1,031,593	1,034,114
	\$ 7,164	27,396	3,696	38,256	36,881
Sodium bisulphite	Lb. -	439,538	1,064	440,602	427,227
	\$ -	26,558	95	26,653	25,290
Sodium carbonate (soda ash)	Lb. 266,080	191,755	7,188	465,023	253,098
	\$ 7,371	5,437	357	13,165	7,518
Sodium hydroxide	Lb. -	17,800	-	17,800	37,666
	\$ -	1,336	-	1,336	1,999
Sodium hyposulphite (Thiosulphate)	Lb. 27,041	1,555,815	56	1,582,912	1,536,202
	\$ 1,730	71,414	5	73,149	67,088
Sodium sulphate (Glauber's salt)	Lb. 8,070	61,000	-	69,070	81,396
	\$ 300	2,084	-	2,384	4,568
Sodium sulphide	Lb. 316,090	1,345,795	127,723	1,789,608	1,688,643
	\$ 24,024	81,431	9,758	115,213	101,335
Stearin	Lb. 780	44,080	28,150	73,010	96,684
	\$ 94	6,241	4,180	10,515	14,491
Sugar	Lb. -	1,668,647	1,317	1,669,964	1,021,975
	\$ -	107,197	118	107,315	75,116
Sulphuric acid	Lb. 281,377	4,120,047	96,317	4,497,741	4,534,041
	\$ 10,533	69,452	2,426	82,411	86,305
Tanner's bate	Lb. 57,980	848,557	55,437	961,974	868,663
	\$ 8,020	81,543	5,988	95,551	89,131
Whiting	Lb. 6,930	475,272	1,879	484,081	436,012
	\$ 668	20,013	52	20,733	14,364
Other chemicals	\$ 71,589	235,481	17,145	324,215	163,164
Aniline dyes	Lb. 30,593	302,371	2,510	335,474	376,767
	\$ 26,861	283,741	5,020	315,622	309,497
Vegetable dyes	Lb. 86,594	118,217	6,159	210,970	385,294
	\$ 25,131	60,934	2,735	88,800	153,937
Dyestuffs, n.e.s.	\$ 76,028	50,289	52,987	179,304	115,959
Wax	Lb. 24,000	200,276	14,109	238,385	220,298
	\$ 2,034	25,438	1,562	29,034	29,281
Miscellaneous tanning materials	\$ 193,680	1,371,827	19,548	1,585,055	1,517,106
Shipping and packaging materials	\$ 11,166	144,741	7,696	163,603	1
Operating, maintenance and repair supplies	\$ 61,904	893,033	51,571	1,006,508	1
Amount paid to others for work done on materials owned by reporting plants	\$ -	54,343	3,187	57,530	54,222
Total cost of hides, skins and tanning materials used	\$ 3,587,583	27,712,209	1,284,417	32,584,209	27,696,719

1. Data on these materials and supplies was collected for the first time in 1956 and accounts for part of the increase shown in the total cost of materials used.

TABLE 4. Principal Statistics of the Leather Tanning Industry in Canada, Grouped According to the Size of Establishments, 1955 and 1956

Establishments having a production valued at	Estab-lish-ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Under \$10,000	7	10	11,200	13,460	32,034
\$10,000 to \$49,999	11	58	127,472	196,065	304,160
\$50,000 to \$99,999	2	13	30,931	92,776	138,830
\$100,000 to \$499,999	15	455	1,142,844	2,614,552	4,571,803
\$500,000 and over	19	3,285	10,052,029	24,778,866	43,351,334
Total	54	3,821	11,364,476	27,695,719	48,398,161
1956					
Under \$10,000	6	7	10,780	12,060	29,921
\$10,000 to \$49,999	9	26	60,946	108,283	218,370
\$50,000 to \$99,999	2	12	34,110	89,107	124,252
\$100,000 to \$499,999	17	497	1,346,017	3,314,344	5,373,980
\$500,000 and over	19	3,431	11,068,881	29,060,415	46,111,974
Total	53	3,973	12,520,734	32,584,209	51,858,497

TABLE 5. Opening and Closing Inventories, 1956

	Raw Materials and Supplies		Goods in Process		Finished Goods		Total	
	Opening	Closing	Opening	Closing	Opening	Closing	Opening	Closing
	\$	\$	\$	\$	\$	\$	\$	\$
Quebec	375,562	548,963	504,854	434,892	339,058	408,828	1,219,474	1,392,683
Ontario	3,693,306	4,046,103	4,803,683	4,713,424	2,802,683	3,077,798	11,299,627	11,837,325
Other Provinces	148,049	166,533	170,911	160,612	86,200	115,639	405,160	442,784
Canada	4,216,917	4,761,599	5,479,448	5,308,928	3,227,896	3,602,265	12,924,261	13,672,792

TABLE 6. Estimated Capital Repair and Maintenance Expenditures, 1949-1956

(Thousands of dollars)

Year	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Total
1949	366	616	982	229	786	1,015	595	1,402	1,997
1950	194	541	735	158	833	996	352	1,379	1,731
1951	118	603	721	233	844	1,077	351	1,447	1,798
1952	331	486	817	175	723	898	506	1,209	1,715
1953	173	719	892	194	1,046	1,240	367	1,765	2,132
1954	—	—	461	—	—	1,033	282	1,212	1,494
1955	179	584	763	220	1,031	1,251	399	1,615	2,014
1956 ¹	658	795	1,453	348	1,144	1,492	1,006	1,939	2,945

1. Preliminary.

TABLE 7. Production of Upper Leather, 1947-1956

Year	Cattle and horse		Calf		Chrome split	
	Sq. ft.	Value	Sq. ft.	Value	Sq. ft.	Value
		\$		\$		\$
1947.....	41,580,359	15,280,497	18,773,345	13,237,149	12,977,769	2,064,869
1948.....	37,655,765	15,157,911	14,202,100	9,713,164	10,496,997	2,303,702
1949.....	38,968,439	15,148,517	12,198,050	8,342,223	11,954,339	2,507,486
1950.....	41,495,468	17,491,003	11,323,801	8,411,661	11,025,313	2,354,716
1951.....	35,035,740	19,246,932	6,386,704	5,416,216	10,051,457	2,240,114
1952.....	42,193,569	15,418,297	8,891,766	5,695,391	9,610,480	1,741,658
1953.....	49,583,465	17,491,815	8,936,902	6,060,540	11,582,227	1,733,265
1954.....	49,400,142	15,402,393	9,518,067	5,742,305	11,782,526	1,678,392
1955.....	57,300,118	17,965,395	10,933,430	6,854,511	15,583,448	2,385,592
1956.....	59,519,609	19,999,161	9,601,863	6,280,598	16,108,745	2,603,928

TABLE 8. Production of Other Types of Leather, 1947-1956

Year	Sole leather		Trunk, bag and pocketbook leather		Glove leather	
	lb.	Value	Sq. ft.	Value	Sq. ft.	Value
		\$		\$		\$
1947.....	29,895,725	16,455,231	7,683,664	2,768,108	17,464,899	4,518,260
1948.....	23,460,150	14,307,939	3,652,662	1,791,085	13,813,774	4,003,014
1949.....	20,261,234	11,673,781	4,145,608	1,941,125	10,774,364	3,016,725
1950.....	18,122,452	12,012,209	4,096,955	1,997,119	11,691,888	3,527,241
1951.....	13,769,291	9,464,626	2,570,106	1,700,106	13,950,031	5,454,015
1952.....	14,093,548	7,823,658	2,413,430	1,141,877	14,256,871	3,665,689
1953.....	14,706,216	7,947,394	2,549,067	1,175,920	9,749,865	2,345,577
1954.....	12,634,637	6,515,129	1,991,816	881,181	8,770,397	1,980,580
1955.....	13,417,522	6,974,340	2,087,221	886,959	12,722,075	2,790,122
1956.....	13,105,959	7,008,156	2,435,447	1,052,196	14,045,361	3,331,666

TABLE 9. Principal Statistics Classified According to Type of Ownership, 1955-1956

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Individual ownership.....	11	19	28,001	83,174	149,227
Partnership.....	5	81	193,620	381,806	692,051
Incorporated companies.....	38	3,721	11,142,855	27,230,739	47,556,883
Total.....	54	3,821	11,364,476	27,695,719	48,398,161
1956					
Individual ownership.....	11	16	28,697	91,936	159,289
Partnership.....	5	82	206,384	427,964	768,050
Incorporated companies.....	37	3,875	12,285,653	32,064,309	50,931,158
Total.....	53	3,973	12,520,734	32,584,209	51,858,497

LEATHER PRODUCTS

TABLE 10. Employees and their Earnings, by Provinces, 1955 and 1956

	Average number				Total	Salaries and wages		
	Supervisory and office employees		Production workers			Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
No.	No.	No.	No.	No.	\$	\$	\$	
1955								
Quebec	56	10	401	26	493	267,773	1,038,332	1,306,105
Ontario	280	98	2,537	253	3,168	1,619,124	8,025,900	9,645,024
All other provinces	17	2	127	14	160	83,852	329,495	413,347
Canada	353	110	3,065	293	3,821	1,970,749	9,393,727	11,364,476
1956								
Quebec	56	10	425	27	518	271,576	12,138,824	1,485,400
Ontario	309	111	2,627	267	3,314	1,894,348	8,743,942	10,638,290
All other provinces	15	3	110	13	141	89,793	307,251	397,044
Canada	380	124	3,162	307	3,973	2,255,717	10,265,017	12,520,734

TABLE 11. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	2,975	273	3,248	3,239	328	3,567
February	3,000	281	3,281	3,226	321	3,547
March	3,018	284	3,302	3,253	318	3,571
April	2,974	282	3,256	3,217	305	3,522
May	2,985	285	3,270	3,150	294	3,444
June	3,073	298	3,371	3,103	294	3,397
July	2,988	290	3,278	3,038	316	3,354
August	3,114	293	3,407	3,081	289	3,370
September	3,111	295	3,406	3,078	288	3,366
October	3,109	302	3,411	3,143	299	3,442
November	3,188	305	3,493	3,177	300	3,477
December	3,220	312	3,532	3,195	298	3,493
Average	3,065	293	3,358	3,162	307	3,469

TABLE 12. Average Prices of Chief Products, 1954 to 1956

Kind		1954	1955	1956
		Cents		
Sole leather:				
Bends	per lb.	59.5	58.4	59.9
Shoulders	"	43.2	44.5	45.3
Bellies	"	29.4	31.6	32.8
Upper leather:				
Cattle and horse hides	per sq. ft.	31.2	31.4	33.5
Calf skins	"	60.3	62.7	65.4
Sheep skins	"	24.3	22.0	24.8
Chrome splits	"	14.2	15.4	16.2
Trunk, bag and pocketbook leather	"	44.2	42.5	43.2
Glove leather	"	22.6	21.9	23.7
Garment leather	"	26.6	26.6	27.8
Oil tanned shoepack leather	per lb.	33.1	25.8	29.1
Harness leather	"	62.4	55.3	59.9
Lace leather	"	178.4	141.8	166.6
Offal	"	24.7	27.6	30.0
Hair	"	9.5	11.8	12.9

TABLE 13. Consumption of Fuel and Electricity, 1953 and 1956

Kinds of fuel	Unit of measure	1953		1956	
		Quantity	Cost value at factory	Quantity	Cost value at factory
Bituminous coal	ton	54,296	\$ 618,240	63,460	\$ 652,927
Anthracite coal	"	1,222	17,113	130	3,917
Lignite coal	"	1,854	10,624	2,538	13,326
Gasoline (including gasoline used in cars and trucks ..	Imp. gal.	48,309	18,824	49,746	20,911
Fuel oil	"	821,566	89,050	741,228	88,712
Wood	cords	722	3,218	—	—
Other fuel	—	—	39,656	—	45,355
Total cost of fuel	—	—	796,725	—	825,148
Electricity purchases (including service charges)	Kw. H.	25,459,634	314,747	23,814,863	320,598
Total cost of fuel and electricity	—	—	1,111,472	—	1,145,746

EXTERNAL TRADE

TABLE 14. Imports of Raw Hides and Skins, 1954 to 1956

Articles and countries from which imported	1954	1955	1956
Horse hides:			
Argentina	No. —	6,500	5,000
	\$ —	34,914	24,347
United States	No. 3,256	1,544	5,330
	\$ 28,373	8,943	30,346
Total	No. 3,256	8,044	10,330
	\$ 28,373	43,857	54,693
Calf skins and kips, raw, whether dry, salted or pickled:			
New Zealand	No. 400	36,298	21,394
	\$ 837	109,247	69,522
Denmark	No. —	—	15,000
	\$ —	—	59,063
France	No. 3,673	1,452	2,950
	\$ 24,425	9,309	21,655
Germany	No. —	3,690	—
	\$ —	21,889	—
Italy	No. 500	1,752	1,000
	\$ 5,468	7,032	8,083
Netherlands	No. —	14,500	17,150
	\$ —	52,027	59,542
Poland	No. 17,100	36,000	5,000
	\$ 53,624	127,654	15,705
Switzerland	No. 3,666	4,400	8,802
	\$ 28,468	29,629	72,941
United States	No. 402,447	674,885	600,346
	\$ 1,406,606	2,534,137	2,097,996
Other countries	No. 2,353	1,031	3,200
	\$ 4,978	1,016	8,182
Total	No. 430,139	774,008	674,842
	\$ 1,524,406	2,891,940	2,412,689
Cattle hides, raw, whether dry, salted or pickled:			
New Zealand	No. 1,200	4,900	9,261
	\$ 10,067	27,511	56,375
Argentina	No. —	—	250
	\$ —	—	1,787
Denmark	No. —	5,000	—
	\$ —	20,107	—
Netherlands	No. 500	—	—
	\$ 5,578	—	—

LEATHER PRODUCTS

TABLE 14. Imports of Raw Hides and Skins, 1954 to 1956 - Continued

Articles and countries from which imported		1954	1955	1956
Cattle hides - Concluded:				
United States	No.	368,378	567,586	684,340
	\$	2,070,773	2,979,796	4,303,913
Other Countries	No.	1,405	573	937
	\$	1,740	1,030	1,759
Total	No.	371,483	578,059	694,788
	\$	2,091,158	3,028,444	4,363,834
Sheep skins n.o.p. raw, whether dry, salted or pickled:				
United Kingdom	No.	35,744	13,596	8,880
	\$	34,318	13,361	13,793
Australia	No.	1,488	33,211	24,074
	\$	886	41,720	26,080
New Zealand	No.	114,235	203,844	163,230
	\$	116,443	123,257	146,137
Union of South Africa	No.	-	5,000	-
	\$	-	10,654	-
Argentina	No.	86,599	108,710	192,337
	\$	150,085	160,469	325,679
Germany	No.	11,070	6,000	2,000
	\$	15,025	7,867	3,003
Spain	No.	9,086	-	-
	\$	11,883	-	-
United States	No.	578,880	501,128	671,809
	\$	572,935	687,714	909,162
Uruguay	No.	-	3,500	37,022
	\$	-	9,057	71,588
Other Countries	No.	9,302	4,315	1,798
	\$	7,846	4,122	1,380
Totals	No.	846,404	879,304	1,101,150
	\$	909,421	1,058,221	1,496,822
Goatskins and kidskins, raw:				
United Kingdom	No.	-	-	5,000
	\$	-	-	1,842
Union of South Africa	No.	4,000	-	6,000
	\$	9,717	-	13,007
Ethiopia	No.	-	12,000	6,000
	\$	-	11,510	4,740
Germany	No.	-	8,000	10,600
	\$	-	6,879	11,027
United States	No.	8,615	8,352	9,603
	\$	6,920	3,858	9,244
Other Countries	No.	1,645	1,032	1,000
	\$	1,597	653	709
Totals	No.	14,260	29,384	38,203
	\$	18,234	22,900	40,569
Other hides and skins, raw, n.o.p. whether dry, salted or pickled, and raw pelts:				
Germany	No.	50,000	-	1,747
	\$	8,427	-	2,063
Portugal	No.	820	225	-
	\$	1,610	487	-
United States	No.	1,519	883	612
	\$	2,664	1,486	2,125
Totals	No.	52,339	1,108	2,359
	\$	12,701	1,973	4,188

TABLE 14. Imports of Raw Hides and Skins, 1954 to 1956 - Concluded

Articles and countries from which imported		1954	1955	1956
Hide sections or bellies:				
United Kingdom	No.	2,000	1,059	-
	\$	2,048	2,160	-
France	No.	-	2,000	-
	\$	-	8,661	-
Germany	No.	1,150	2,017	2,147
	\$	21,499	35,478	34,303
Switzerland	No.	1,067	799	-
	\$	19,071	14,668	-
United States	No.	386,937	505,926	820,268
	\$	502,486	438,308	745,180
Other Countries	No.	-	5,417	721
	\$	-	2,001	1,381
Totals	No.	391,154	517,218	823,136
	\$	545,104	501,276	780,864
Total hides and skins:				
United Kingdom	No.	37,744	14,655	13,880
	\$	36,366	15,521	15,635
Australia	No.	1,488	33,211	26,074
	\$	886	41,720	31,868
New Zealand	No.	115,835	245,042	193,885
	\$	127,347	260,015	272,034
Union of South Africa	No.	4,000	5,000	6,000
	\$	9,717	10,654	13,007
Argentina	No.	86,599	115,210	198,087
	\$	150,085	195,383	353,567
Denmark	No.	-	5,000	15,000
	\$	-	20,107	59,063
Ethiopia	No.	-	15,000	6,000
	\$	-	14,413	4,740
France	No.	3,673	3,452	2,950
	\$	24,425	17,970	21,655
Germany	No.	62,220	19,707	16,494
	\$	44,951	72,113	50,396
Italy	No.	500	1,752	1,000
	\$	5,468	7,032	8,083
Netherlands	No.	500	19,917	17,150
	\$	5,578	54,028	59,542
Poland	No.	17,100	36,000	5,000
	\$	53,624	127,654	15,705
Puerto Rico	No.	1,005	-	721
	\$	3,944	-	1,381
Spain	No.	9,086	-	-
	\$	11,883	-	-
Sweden	No.	1,197	-	-
	\$	3,825	-	-
Switzerland	No.	4,733	5,199	8,802
	\$	47,539	44,297	72,941
United States	No.	1,750,032	2,260,304	2,792,308
	\$	4,590,757	6,654,242	8,097,966
Uruguay	No.	-	3,500	37,022
	\$	-	9,057	71,588
Other Countries	No.	13,323	4,176	4,435
	\$	13,002	4,405	4,488
Totals	No.	2,109,035	2,787,125	3,344,808
	\$	5,129,397	7,548,611	9,153,659

TABLE 15. Imports of Unmanufactured Leather, 1954 to 1956

Articles and countries from which imported	1954	1955	1956
Belting leather in butts or bends:			
United Kingdom	\$ 61,234	63,454	54,546
France	\$ 5,019	5,144	11,821
Germany	\$ —	6,427	—
United States	\$ 116,261	144,972	72,297
Other Countries	\$ 1,612	8,577	5,899
Totals	\$ 184,126	228,574	144,563
Leather, not further finished than tanned, n.o.p., and skins, n.o.p.:			
United Kingdom	\$ 92,610	103,839	105,239
India	\$ 64,065	50,977	130,695
Jamaica	\$ —	14,506	18,536
United States	\$ 240,518	238,348	181,314
Other Countries	\$ 5,433	23,044	19,807
Totals	\$ 402,626	430,714	455,591
Leather, dressed, kid:			
United Kingdom	\$ 502,252	542,154	599,082
Germany	\$ 33,169	47,571	59,033
Mexico	\$ 9,244	11,383	1,154
Spain	\$ 28,686	9,997	12,574
United States	\$ 445,356	348,663	348,887
Other Countries	\$ 907	3,861	3,340
Totals	\$ 1,019,614	963,629	1,024,570
Leather, dressed, n.o.p., including reptile leathers:			
United Kingdom	\$ 968,544	1,054,166	1,128,420
Australia	\$ 11,769	8,052	3,127
Belgium	\$ 7,017	10,909	9,899
Brazil	\$ 1,256	9,977	9,301
Denmark	\$ 2,900	15,960	1,916
France	\$ 106,238	325,357	495,233
Germany	\$ 44,668	35,537	30,061
Ireland	\$ 1,255	9,611	7,531
Netherlands	\$ 9,021	7,271	5,235
Sweden	\$ 2,088	5,439	5,261
United States	\$ 1,102,761	1,557,527	1,526,003
Other countries	\$ 11,843	13,785	17,062
Totals	\$ 2,269,360	3,053,541	3,239,049
Chamois skin:			
United Kingdom	\$ 317,080	277,710	314,053
Australia	\$ 2,742	1,687	2,561
New Zealand	\$ 10,341	6,242	10,735
United States	\$ 14,155	6,169	3,492
Other Countries	\$ —	2,268	1,215
Totals	\$ 344,318	294,076	332,056
Patent and upholstery leather:			
United Kingdom	\$ 1,016	2,945	516
United States	\$ 167,830	219,423	181,750
Totals	\$ 168,846	222,368	182,266
Sole leather:			
United Kingdom	Lb. 5,143	13,440	14,288
.....	\$ 2,367	6,566	8,654
United States	Lb. 156,292	209,480	217,405
.....	\$ 64,836	82,559	61,787
Other Countries	Lb. 1,261	—	220
.....	\$ 707	—	137
Totals	Lb. 162,696	222,920	231,913
.....	\$ 67,910	89,125	70,578

TABLE 15. Imports of Unmanufactured Leather, 1954 to 1956 - Concluded

Articles and countries from which imported	1954	1955	1956
Scrap leather:			
United States	\$ 79,504	80,002	90,362
Other Countries	\$ 458	2,052	5,210
Totals	\$ 79,962	82,054	95,572
Genuine pig leathers and genuine Morocco leathers:			
So-called roller leathers:			
United Kingdom	\$ 419,070	473,288	526,876
United States	\$ 34,331	32,002	29,375
Other Countries	\$ 2,421	—	842
Totals	\$ 455,822	505,290	557,093
Leather produced from East-India-tanned kid:			
United Kingdom	\$ 712,469	879,499	948,838
Other Countries	\$ 277	—	206
Totals	\$ 712,746	879,499	949,044
Leather for the manufacture of gloves or leather clothing:			
United Kingdom	\$ 411,268	423,413	840,892
Belgium	\$ —	—	7,990
United States	\$ 1,474,542	1,961,468	1,907,525
Puerto Rico	\$ —	13,056	—
Other Countries	\$ 5,671	2,627	6,278
Totals	\$ 1,891,481	2,400,664	2,762,685
Leather not further finished than tanned, in whole hides, in grains or splits, for the manufacture of upholstery leathers:			
United Kingdom	\$ 155,353	168,817	171,039
United States	\$ 4,833	9,269	9,384
Totals	\$ 160,186	178,086	180,423
Crust oil leather for the manufacture of chamois leather:			
United Kingdom	\$ 6,951	9,978	16,274
Totals	\$ 6,951	9,978	16,274
Total imports of leather, unmanufactured:			
United Kingdom	\$ 3,650,672	4,006,532	4,714,767
Australia	\$ 16,588	14,913	7,230
India	\$ 67,494	60,569	136,214
Jamaica	\$ —	14,506	18,536
New Zealand	\$ 14,354	12,005	26,573
Belgium	\$ 10,391	20,339	25,231
Brazil	\$ 1,516	9,977	9,301
Denmark	\$ 2,900	17,626	7,434
France	\$ 111,666	339,514	512,385
Germany	\$ 82,338	89,809	89,542
Mexico	\$ 14,963	12,828	3,139
Netherlands	\$ 9,519	14,175	11,153
Spain	\$ 28,686	11,541	13,259
Sweden	\$ 3,975	7,836	7,482
United States	\$ 3,744,927	4,680,402	4,412,382
Other Countries	\$ 3,959	25,026	15,136
Totals	\$ 7,763,948	9,337,598	10,009,764

TABLE 16. Exports of Unmanufactured Leather, 1954 to 1956

Articles and countries to which exported	1954	1955	1956
Glove leather:			
Union of South Africa	Sq. ft. —	23,765	46,585
	\$ —	8,823	18,366
Ireland	Sq. ft. 7,162	—	—
	\$ 2,578	—	—
Switzerland	Sq. ft. 67,327	46,071	77,930
	\$ 9,285	7,251	17,600
United States	Sq. ft. 1,362,769	1,193,981	2,087,815
	\$ 357,266	316,638	605,801
Other Countries	Sq. ft. 1,166	692	1,025
	\$ 494	143	382
Totals	Sq. ft. 1,438,424	1,264,509	2,213,355
	\$ 369,623	332,855	642,149
sole leather:			
United Kingdom	Lb. 18,128	47,821	24,424
	\$ 11,415	35,533	17,983
Ceylon	Lb. —	8,000	—
	\$ —	4,000	—
Hong Kong	Lb. 6,006	26,374	26,001
	\$ 3,238	13,074	12,465
Iceland	Lb. 30,356	22,856	29,046
	\$ 18,597	13,643	18,393
Mexico	Lb. 24,986	21,013	21,492
	\$ 20,033	17,123	17,772
San Domingo	Lb. —	—	20,587
	\$ —	—	9,776
United States	Lb. 1,259,614	539,633	746,553
	\$ 673,106	274,233	388,142
Other Countries	Lb. 4,932	7,320	7,449
	\$ 3,171	3,209	4,285
Totals	Lb. 1,344,022	673,017	875,552
	\$ 729,560	360,815	468,816
Patent leather:			
United Kingdom	Sq. ft. 280,289	127,149	88,307
	\$ 141,589	54,940	39,569
New Zealand	Sq. ft. 57,176	62,832	101,257
	\$ 28,461	29,741	45,356
Union of South Africa	Sq. ft. 233,425	375,412	565,499
	\$ 89,808	139,755	223,739
Belgium	Sq. ft. 158,550	86,319	47,425
	\$ 58,118	30,178	17,680
Costa Rica	Sq. ft. 7,494	30,355	15,912
	\$ 2,399	8,798	4,924
Greece	Sq. ft. 25,152	17,980	6,001
	\$ 10,657	7,462	2,568
Guatemala	Sq. ft. 102	16,812	36,757
	\$ 52	5,536	13,283
Iran	Sq. ft. 20,445	23,526	37,116
	\$ 9,245	11,027	16,949
Ireland	Sq. ft. 35,982	18,462	—
	\$ 12,525	5,791	—
Italy	Sq. ft. 3,220	—	—
	\$ 1,538	—	—
Norway	Sq. ft. 42,681	13,467	10,254
	\$ 21,607	6,736	5,238
Salvador	Sq. ft. 5,518	1,806	21,790
	\$ 1,781	866	7,193
San Domingo	Sq. ft. 11,314	220	6,690
	\$ 3,421	64	2,371

TABLE 16. Exports of Unmanufactured Leather, 1954 to 1956 - Continued

Articles and countries to which exported		1954	1955	1956
Patent leather - Concluded:				
Sweden	Sq. ft.	79,944	161,532	56,759
	\$	31,239	58,390	20,909
Switzerland	Sq. ft.	11,395	7,018	-
	\$	4,882	2,724	-
United States	Sq. ft.	498,060	925,421	1,299,278
	\$	178,624	307,568	483,373
Venezuela	Sq. ft.	41,828	-	4,000
	\$	17,460	-	1,400
Other Countries	Sq. ft.	28,382	28,399	21,433
	\$	9,350	10,516	8,574
Totals	Sq. ft.	1,540,957	1,896,710	2,318,478
	\$	622,756	680,092	893,126
Upper Leather, calf:				
United Kingdom	Sq. ft.	700,950	910,682	1,103,202
	\$	450,062	596,913	712,616
Union of South Africa	Sq. ft.	17,663	2,148	14,977
	\$	11,934	1,618	13,025
Jamaica	Sq. ft.	2,521	5,201	13,193
	\$	1,189	2,707	4,529
Austria	Sq. ft.	92	90	6,195
	\$	81	84	5,578
Costa Rica	Sq. ft.	12,432	7,650	15,296
	\$	5,142	2,814	3,040
Colombia	Sq. ft.	1,739	5,575	222
	\$	1,428	4,333	205
Cuba	Sq. ft.	8,582	2,063	1,060
	\$	6,080	2,007	886
Greece	Sq. ft.	58,204	54,564	29,398
	\$	23,229	23,518	15,021
Ireland	Sq. ft.	101,866	4,052	2,148
	\$	41,073	3,186	1,994
Italy	Sq. ft.	4,865	1,811	-
	\$	4,339	1,620	-
Mexico	Sq. ft.	30,972	13,814	18,220
	\$	28,144	11,279	11,144
Peru	Sq. ft.	10,167	23,899	21,345
	\$	6,534	15,673	13,765
Philippines	Sq. ft.	5,897	952	-
	\$	4,980	830	-
Salvador	Sq. ft.	7,408	4,016	1,947
	\$	2,443	1,526	841
Switzerland	Sq. ft.	73,174	142,426	72,029
	\$	59,643	118,849	62,183
United States	Sq. ft.	1,319,910	2,251,255	2,273,463
	\$	701,544	1,397,821	1,519,018
Venezuela	Sq. ft.	190,360	97,349	88,402
	\$	83,076	48,071	47,145
Other Countries	Sq. ft.	21,313	14,072	14,874
	\$	7,819	5,766	9,565
Total	Sq. ft.	2,568,115	3,541,619	3,675,971
	\$	1,438,740	2,238,615	2,420,555
Upper leather, n.o.p.:				
United Kingdom	Sq. ft.	2,634,027	3,431,858	1,956,446
	\$	1,112,681	1,175,655	653,119
Hong Kong	Sq. ft.	7,592	39,094	83,864
	\$	2,978	15,126	33,157
Jamaica	Sq. ft.	35,425	202,962	604,256
	\$	9,633	59,513	191,873

TABLE 16. Exports of Unmanufactured Leather, 1954 to 1956 - Continued

Articles and countries to which exported		1954	1955	1956
Upper leather, n.o.p. - Concluded:				
Union of South Africa	Sq. ft.	1,358,136	1,754,645	1,404,260
	\$	449,437	557,639	506,739
Belgium	Sq. ft.	14,391	22,622	66,642
	\$	5,393	8,297	24,150
Belgian Congo	Sq. ft.	245,073	-	-
	\$	81,278	-	-
Costa Rica	Sq. ft.	334,750	828,047	721,935
	\$	96,439	222,774	205,208
Cuba	Sq. ft.	27,711	233	509
	\$	9,758	63	487
Greece	Sq. ft.	152,486	265,714	78,821
	\$	47,218	79,667	24,886
Guatemala	Sq. ft.	370,836	463,402	692,976
	\$	118,724	144,315	232,486
Honduras	Sq. ft.	478,583	580,914	992,047
	\$	134,320	156,597	285,823
Iceland	Sq. ft.	5,227	16,355	5,292
	\$	2,315	6,919	2,334
Ireland	Sq. ft.	24,631	5,420	15,377
	\$	8,357	1,792	5,242
Italy	Sq. ft.	-	38,625	14,856
	\$	-	17,451	6,634
Mexico	Sq. ft.	5,166	-	-
	\$	5,129	-	-
Nicaragua	Sq. ft.	306,524	322,026	327,915
	\$	108,800	108,771	109,683
Norway	Sq. ft.	32,132	20,332	61,529
	\$	12,250	7,554	23,497
Puerto Rico	Sq. ft.	-	-	26,143
	\$	-	-	8,877
Salvador	Sq. ft.	210,414	461,518	377,720
	\$	63,829	132,689	111,387
San Domingo	Sq. ft.	98,033	82,645	175,086
	\$	30,144	23,754	54,007
Switzerland	Sq. ft.	448,430	509,792	759,087
	\$	152,047	164,745	240,981
United States	Sq. ft.	2,449,178	3,734,738	4,034,944
	\$	748,487	1,043,384	1,222,735
Venezuela	Sq. ft.	252,888	86,899	55,262
	\$	87,516	28,786	18,822
Other Countries	Sq. ft.	17,735	27,374	30,568
	\$	6,212	9,170	10,170
Totals	Sq. ft.	9,509,368	12,895,215	12,485,535
	\$	3,292,945	3,964,661	3,972,297
Leather cuttings:				
United Kingdom	Cwt.	-	770	6,213
	\$	-	6,864	88,318
Belgium	Cwt.	-	909	454
	\$	-	12,395	7,212
Netherlands	Cwt.	27	1,376	2,909
	\$	54	17,515	41,262
United States	Cwt.	50,899	99,427	36,536
	\$	87,201	103,868	55,497
Other Countries	Cwt.	286	-	214
	\$	1,170	-	3,900
Totals	Cwt.	51,212	102,482	46,323
	\$	88,425	140,642	196,189

TABLE 16. Exports of Unmanufactured Leather, 1954 to 1956 - Concluded

Articles and countries to which exported	1954	1955	1956
Leather, unmanufactured, n.o.p.:			
United Kingdom	\$ 12,901	1,590	64
Jamaica	\$ 19	—	3,050
New Zealand	\$ 6,033	—	—
Union of South Africa	\$ 40,015	28,535	51,712
Guatemala	\$ 530	2,851	456
Peru	\$ 2,367	—	—
Switzerland	\$ 14,470	1,420	30
United States	\$ 391,206	206,998	221,948
Venezuela	\$ 11,540	16,585	13,768
Other Countries	\$ 5,246	1,395	3,933
Totals	\$ 484,327	259,374	294,961
Total exports of leather unmanufactured:			
United Kingdom	\$ 1,729,142	1,871,495	1,530,035
Barbados	\$ 425	1,492	7,143
Hong Kong	\$ 8,306	29,578	45,622
Jamaica	\$ 10,841	62,220	200,670
New Zealand	\$ 34,494	29,741	47,001
Union of South Africa	\$ 591,194	736,370	795,215
Belgium	\$ 63,511	50,870	49,042
Belgian Congo	\$ 82,180	2,083	—
Costa Rica	\$ 103,980	234,386	213,172
Cuba	\$ 16,503	3,274	1,373
Ecuador	\$ 3,251	3,490	5,497
Greece	\$ 81,584	110,647	42,475
Guatemala	\$ 119,415	152,702	247,494
Honduras	\$ 138,827	158,477	208,372
Iceland	\$ 21,338	21,846	21,571
Iran	\$ 10,928	11,027	16,949
Ireland	\$ 65,420	11,484	7,411
Italy	\$ 5,877	19,219	6,634
Mexico	\$ 53,306	28,402	29,229
Netherlands	\$ 5,663	21,386	44,048
Nicaragua	\$ 110,123	111,815	113,230
Norway	\$ 33,857	14,454	31,474
Peru	\$ 9,665	15,673	14,481
Puerto Rico	\$ —	—	9,660
Salvador	\$ 69,306	135,606	121,717
San Domingo	\$ 33,589	23,818	66,154
Sweden	\$ 31,320	58,613	21,165
Switzerland	\$ 240,327	294,989	320,794
United States	\$ 3,137,434	3,650,510	4,496,599
Venezuela	\$ 199,592	93,442	81,135
Other Countries	\$ 14,978	18,744	12,816
Totals	\$ 7,026,376	7,977,853	8,888,178

APPENDIX
List of Tanneries

Name	Address
Newfoundland:	
Newfoundland Tanneries Wm. Dorn Ltd.	P.O. Box 75, Carbonear
New Brunswick:	
Palmer Co. Ltd., John	Argyle Street, Fredericton
Quebec:	
Beaudet, Georges	St. Francois du Lac
Bergeron Inc., Ide	St. Gabriel de Brandon
Bouchard & Frères	Village des Aulnaies
Boucher, P.E.	St. Pascal
Cantin & Frères Enrg.	C.P. 40, Loretteville
Clément Limited, Edgar	35 Arago Street, Quebec
Coyle Tanning Co., Ltd.	9500 St. Lawrence Blvd., Montreal 14
Deluxe Leathers Ltd.	295 Laurendeau, Montreal - East 5
Duclos & Payan, Limited	760 Lavallee Street, St. Hyacinthe
Fortier Inc., Nazaire	517 St. Vallier Street, Quebec
Fournier & Fils, Eudore	126, rue St. Edouard, Plessisville
Goulet, J. Eugène	Luceville
Gutenstein, Max	601 Liège Street, Montreal 10
Labbé, Eugène	St. Gervais
Loiselle, Gaston	Upton
Marcotte & Fils, Arthur	Portneuf
Mouton Processors (Canada) Ltd.	2600 Mullins Street, Montreal 22
Potvin & Fils Inc., La Cie	Baie St-Paul
Racine, Inc., Albert	2 Demers Street, Quebec
Regent Tanning Corp.	Marieville
Riou et Fils Enr., Hector	Trois-Pistoles
Tannerie Laurentienne Inc., La	Rue Laurentienne, Pointe-aux-Lièvres, Quebec
Ontario:	
Anglo Canadian Leather Co. Ltd.	Huntsville
Arbo Leather Co., Ltd.	1410 Stanley St., Montreal, P.Q. (Port Hope)
Barrie Tanning, Ltd.	55 Bradford Street, Barrie
Beardmore & Co., Ltd.	Acton
Breithaupt Leather Co. Ltd., The	Hastings, Campbellford (Kitchener)
Clarke & Clarke Leathers	P.O. Box 769, Barrie
Clark & Co., Ltd., A.R.	633 Eastern Avenue, Toronto 8
Collis Leather Co. Ltd., The	Tyler Street, Aurora
Davis Leather Company, Ltd.	465 Davis Drive, Newmarket
Davis & Son, Limited, A.	407 Rideau Street, Kingston
Edwards & Edwards, Limited	96 Alice Street, Cobourg
Goodwin Tanners Limited	Holland Landing
Hamilton, Leather Co. Ltd., William	10 Robertson St., Port Hope
Hyman Leathers, C.S.	Richmond Street, London
Kendall Leather Co. Ltd., James R.	73 Cross Ave., Oakville
Lackawanna Leather Co. of Canada, Ltd.	640 King St. W., Toronto 2B
Lang & Sons Ltd., John A.	224 Madison Ave., Kitchener
Lewis Ltd., Gerry	284 King St. W., Toronto 2B (Brampton)
McCordick Leathers Ltd., F.C.	2 Chestnut Street, St. Catharines
McQuay Tanning Ltd.	1852 Third Avenue E., Owen Sound
Robson Leather Co., Ltd.	Whiting Avenue, Oshawa
Thunder Bay Tannery	436 Black Bay Road, Port Arthur
Wickett & Craig Ltd.	201 Eastern Avenue, Toronto
Manitoba:	
Dominion Tanners, Limited	743 Jarvis Ave. at Arlington Bridge, Winnipeg
Alberta:	
Alberta Tannery	6125 - 129th Avenue, Edmonton
Calgary Tannery	1027 - 26 Ave., S.E. Calgary
Edmonton Tannery	9272 - 110 A. Avenue, Edmonton
British Columbia:	
Leckie Co. Ltd., J.	220 Cambie Street, Vancouver 3 (New Westminster)
Paris Tannery Ltd.	51 West Hastings Street, Vancouver 4



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