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CENSUS OF INDUSTRY

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REPORT

ON THE

CORDAGE, ROPE & TWINE INDUSTRY

IN

CANADA

1933

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OTTAWA

1934



THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

From a standpoint of valuation, binder twine is the principal single article manufactured in this industry. In 1933 there were produced 65,605,456 pounds valued at \$3,494,129, at an average selling price at the factory of over fifty-three cents per pound. This output represented 73.7 per cent of the total value of production in 1933. The corresponding figures for 1932 were 66,137,732 pounds worth \$3,701,857, an average selling price of almost fifty-six cents per pound, and representing 73.8 per cent of the total output. The output of rope, manila, sisal, jute and hemp was 7,521,212 pounds worth \$811,024 in 1933, while in 1932 it was 6,337,322 pounds worth \$822,371. The production of twines for sale in 1933 was 2,125,055 pounds valued at \$306,048, and in 1932 it was 1,758,202 pounds worth \$263,469. These products are listed in detail in table 3 of the report, while the actual consumption of binder twine in Canada in 1931, 1932 and 1933 is shown in table 4.

Hard fibres of manila, New Zealand and African hemp and Java and Mexican sisal constitute the principal materials used by this industry. The consumption in 1933 cost \$1,965,034 or 80.2 per cent of the total cost of all materials used. The corresponding figures for 1932 were \$2,151,879 and 80.3 per cent of the total. All materials used are shown in as much detail as possible in table 5 of the report.

Capital invested in the industry showed a decline of \$345,670 in 1933, and table 6 shows the make-up of this item according to its various classifications.

The number of wage-earners showed an increase of twenty-three in 1933 in comparison with the previous year. The month of June with 1,015 employed was the one of maximum employment, while January with 859 was the minimum. In 1932 July with 1,050 was the maximum and December with 711 was the minimum.

Imports of all raw materials and finished products are shown in detail in table 13. In 1933 the total value of imports was \$5,206,370 against the 1932 value of \$5,483,093. Practically all purchases of importance were made in the United Kingdom and United States, the figures from these two countries being \$3,541,631 in 1933 and \$4,226,045 in 1932.

Exports are shown in table 14, and amounted to \$971,114 in 1933 and \$895,181 in 1932.

Table 1. - Principal Statistics, 1926-1933.

Year	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1926	11	15,679,569	1,514	1,591,125	7,566,817	10,574,682	3,007,865
1927	14	14,890,220	1,440	1,558,987	7,499,649	10,827,418	3,327,769
1928	14	12,173,549	1,330	1,533,017	7,624,155	10,839,961	3,215,806
1929	13	13,066,423	1,368	1,518,280	7,798,893	11,798,165	3,999,272
1930	13	12,281,660	1,058	1,182,568	6,059,887	8,551,349	2,491,462
1931	12	11,016,184	968	1,089,292	3,889,767	5,796,490	1,906,723
1932	12	10,184,932	998	1,104,650	2,680,830	5,017,931	2,337,101
1933	11	9,839,262	1,015	1,027,460	2,451,395	4,740,612	2,289,217

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 1. - Principal Statistics, 1926-1933. - (Concl'd.)

Year and Provinces	Estab-lish-ments Report-ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
<u>1932</u>							
CANADA	12	10,184,932	998	1,104,650	2,680,830	5,017,931	2,337,101
Ontario	7	8,689,905	815	885,417	2,363,495	4,300,281	1,936,786
Other Provinces	5	1,495,027	183	219,233	317,335	717,650	400,315
<u>1933</u>							
CANADA	11	9,839,262	1,015	1,027,460	2,451,395	4,740,612	2,289,217
Ontario	7	8,407,090	834	819,774	2,155,260	4,049,529	1,894,269
Other Provinces ^x	4	1,432,172	181	207,686	296,135	691,083	394,948

^x Included in 1933: Quebec 2 Establishments.
 Nova Scotia 1 Establishment.
 British Columbia 1 Establishment.

Table 2. - Comparison of Principal Statistics, 1932 and 1933.

Items	1932	1933	∕ Increase - Decrease
Establishments reporting	No. 12	11	- 1
Capital invested	\$ 10,184,932	9,839,262	- 345,670
Employees on salaries -			
Total	No. 114	108	- 6
Male	No. 85	81	- 4
Female	No. 29	27	- 2
Salaries	\$ 294,837	263,392	- 31,445
Employees on wages -			
Monthly average	No. 884	907	∕ 23
Male	No. 611	614	∕ 3
Female	No. 273	293	∕ 20
Total wages	\$ 809,813	764,068	- 45,745
Power equipment -			
Units	No. 258	282	∕ 24
Horse-power capacity	H.P. 7,610	7,635	∕ 25
Cost of fuel and electricity	\$ 104,982	103,453	- 1,529
Cost of materials used	\$ 2,680,830	2,451,395	- 229,435
Gross value of production	\$ 5,017,931	4,740,612	- 277,319
Value added by manufacture	\$ 2,337,101	2,289,217	- 47,884

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 3. - Production, 1932 and 1933.

Principal Products	Unit of Measure	1 9 3 2		1 9 3 3	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Binder twine -					
Chiefly sisal	Pound	55,212,180	3,051,809	49,900,261	2,615,249
All other	"	10,925,552	650,048	15,705,195	878,880
Twines for sale -					
Flax, hemp, jute, sisal, etc.	Pound	-	-	2,125,055	306,048
Hemp	"	665,311	108,235	-	-
All other	"	1,092,891	155,234	-	-
Rope -					
Manila	Pound	5,489,947	717,741	5,816,167	639,858
Sisal	"	781,179	97,813	1,492,220	141,392
Jute	"	66,196	6,817	17,751	3,060
Hemp	"	-	-	195,074	26,714
All other	"	-	122,219	452,210	56,142
Yarns for sale -	Pound	313,066	35,658	99,077	11,919
All other products, unable to specify	-	-	72,357	-	61,350
TOTAL PRODUCTION	-	-	5,017,931	-	4,740,612

Table 4. - Consumption of Binder Twine in Canada for the years 1931-1933.

	1 9 3 1		1 9 3 2		1 9 3 3	
	Quantity	Value	Quantity	Value	Quantity	Value
	Cwt.	\$	Cwt.	\$	Cwt.	\$
Production	571,259	4,313,512	661,377	3,701,857	656,055	3,494,129
plus						
Imports	184,123	1,302,680	268,510	1,576,287	225,478	1,280,755
TOTAL	755,382	5,616,192	929,887	5,278,144	881,533	4,774,884
less						
Exports	182,870	1,492,612	168,459	870,886	150,313	705,442
AVAILABLE FOR CONSUMPTION	572,512	4,123,580	761,428	4,407,258	731,220	4,069,442

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 5. - Materials Used, 1932 and 1933.

Principal Materials	Unit of Measure	1 9 3 2		1 9 3 3	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
HARD FIBRES --					
Manila hemp	Pound	7,189,241	365,487	7,938,289	339,286
New Zealand hemp	"	285,489	13,131	289,216	12,269
African hemp	"	13,759,776	496,209	12,893,435	416,634
Java sisal	"	15,109,678	592,502	15,743,370	504,722
Mexican sisal	"	26,229,007	684,550	22,839,830	600,662
Other hard fibres	"	-	-	2,629,530	91,461
SOFT FIBRES					
Hemp and hemp tow	"	1,008,388	50,585	-	-
Flax, flax tow and jute ..	"	-	-	383,351	28,446
Twines, cotton and linen ...	"	-	-	666,049	24,450
Yarns purchased -		42,484	17,172	39,406	19,318
Flax, hemp and jute	Pound	414,005	40,466	394,709	38,797
Cotton and other	"	128,822	26,064	88,865	21,796
Oils	"	11,903,706	146,814	12,351,917	132,229
Wax	"	54,704	2,697	44,465	2,237
Degras	"	453,796	14,340	238,699	6,296
Tar, tallow, grease, soap, starch, dyes and other chemicals	-	-	9,162	-	44,038
Burlap	Yard	1,159,322	94,878	1,525,321	79,765
All other materials	-	-	101,534	-	60,083
Packing and shipping materials	-	-	25,239	-	28,906
TOTAL MATERIALS	-	-	2,680,830	-	2,451,395

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 6. - Capital Invested, 1927-1933.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927	5,965,331	5,401,592		3,523,297	14,890,220
1928	5,346,038	2,627,292		4,200,219	12,173,549
1929	5,354,398	4,253,506		3,458,519	13,066,423
1930	5,274,962	3,274,323		3,732,375	12,281,660
<u>1 9 3 1</u>					
CANADA	5,300,531	871,603	1,320,258	3,523,792	11,016,184
Ontario	4,098,513	680,557	1,193,749	3,281,341	9,254,160
Other Provinces	1,202,018	191,046	126,509	242,451	1,762,024
<u>1 9 3 2</u>					
CANADA	5,085,458	494,200	982,181	3,623,093	10,184,932
Ontario	4,079,870	329,021	846,723	3,434,291	8,689,905
Other Provinces	1,005,588	165,179	135,458	188,802	1,495,027
<u>1 9 3 3</u>					
CANADA	5,073,234	914,468	1,184,981	2,666,579	9,839,262
Ontario	4,080,095	730,968	1,003,616	2,592,411	8,407,090
Other Provinces	993,139	183,500	181,365	74,168	1,432,172

Table 7. - Employees by Sex and Remuneration, 1932 and 1933.

		1 9 3 2	1 9 3 3
Salaried Employees -			
Total	No.	114	108
Male	No.	85	81
Female	No.	29	27
Total salaries	\$	294,837	263,392
Wage-earners -			
Monthly average	No.	884	907
Male	No.	611	614
Female	No.	273	293
Total wages	\$	809,813	764,068

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 7. - Employees by Sex and Remuneration, 1932 and 1933. - (Concl'd.)

	1932	1933
All Employees -		
Total	No. 998	1,015
Male	No. 696	695
Female	No. 302	320
Salaries and wages	\$ 1,104,650	1,027,460

Table 8. - Monthly Employment of Wage-earners, 1931, 1932 and 1933.

Months	1931			1932			1933		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	597	267	864	589	275	864	572	287	859
February	592	271	863	598	280	878	579	290	869
March	608	288	896	579	279	858	584	286	870
April	602	283	885	593	272	865	588	276	864
May	593	286	879	592	273	865	595	294	889
June	583	295	878	722	278	1,000	729	286	1,015
July	594	293	887	764	286	1,050	654	279	933
August	585	281	866	597	282	879	630	292	922
September	496	180	676	593	305	898	628	319	947
October	583	285	868	594	296	890	601	322	923
November	613	281	894	591	276	867	595	289	884
December	607	282	889	520	191	711	596	280	876
MONTHLY AVERAGE.	588	275	863	611	273	884	614	293	907

Table 9. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1932 and 1933.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1932	1933		1932	1933
40 hours or less	34	45	51-53 hours	1	-
41-43 hours	15	1	54 hours	-	1
44 hours	1	-	55 hours	441	402
45-47 hours	27	21	56-59 hours	1	-
48 hours	75	76	60 hours	211	3
49-50 hours	322	570	Over 60 hours	4	4

The above table does not include overtime.

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 10. - Power Installation, 1932 and 1933.

Classes of Power	1932		1933	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines	1	200	1	200
Hydraulic turbines or water wheels	1	165	1	165
Electric motors operated by purchased power	256	7,245	280	7,270
TOTAL POWER USED IN MANUFACTURING	258	7,610	282	7,635
Boiler Installation	19	2,297	17	2,266

Table 11. - Consumption of Fuel and Electricity, 1932 and 1933.

Kinds of Fuel	Unit of Measure	1932		1933	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal --	Ton				
Bituminous	(2000 lbs.)	4,715	25,789	5,364	25,440
Anthracite	"	18	199	-	-
Coke (for fuel only) ...	"	223	780	12	126
Fuel and diesel oil	Imp. Gal.	6,869	425	6,194	396
Other fuel	-	-	34	-	80
TOTAL COST OF FUEL.	-	-	25,227	-	26,042
Electricity purchased for power (including service charges)	K.W.H.	8,093,440	79,755	8,200,467	77,411
TOTAL COST OF FUEL AND ELECTRICITY	-	-	104,982	-	103,453

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 12. - Mechanical Equipment, 1932 and 1933.

	1932			1933		
	Total	Active at some		Total	Active at some	
		time during the year	Idle entire year		time during the year	Idle entire year
No.	No.	No.	No.	No.	No.	
Spinning spindles which consumed fibre during the year	3,982	3,982		4,231	4,231	
Spinning spindles which consumed no fibre during the year	303		303	74		74
Twisting and doubling spindles.	750	750		744	744	
Looms	5	5		5	5	
Braiding machines ..	32	16	16	87	87	
Banding machines ..	11	9	2			
Rope machines	113	113	-	128	128	
Winding machines ..	478	477	1	480	480	
All other	5	5		3	3	
TOTAL	5,679	5,357	322	5,752	5,678	74

Table 13. - Imports by Principal Countries, 1932 and 1933.

Articles Imported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
Fibrilla, flax fibre and flax tow ..					
United States	Cwt.	403	1,507	635	1,091
Other Countries	"	229	1,618	23	461
TOTAL	"	632	3,125	658	1,552
Hemp, dressed or undressed ..					
United Kingdom	Cwt.			350	4,104
United States	"	10,451	52,575	5,444	30,881
Philippine Islands	"	4,638	14,839	10,641	30,236
Other Countries	"	4,708	14,086	2,476	7,686
TOTAL	"	19,797	81,500	18,911	72,907
Jute and jute butts ..					
United States	Cwt.	7,441	26,445	2,994	10,307
TOTAL	"	7,441	26,445	2,994	10,307

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 13. - Imports by Principal Countries, 1932 and 1933. - (Cont'd.)

Articles Imported	Unit of Measure	1 9 3 2		1 9 3 3	
		Quantity	Value	Quantity	Value
			\$		\$
Oakum of flax, hemp or jute -					
United Kingdom	Cwt.	1,081	7,873	996	7,974
United States	"	3,830	31,639	4,846	34,006
Sweden	"	1,262	5,672	1,089	4,868
Other Countries	"	-	-	55	406
TOTAL	"	6,173	45,184	6,986	47,254
Sisal, istle and tampico fibre -					
United Kingdom	Cwt.	220	3,031	9,160	35,398
United States	"	649,110	1,841,989	416,893	1,297,544
British East Africa	"	10,484	27,218	35,645	99,707
British South Africa ...	"	-	-	2,380	7,166
Belgium	"	2,248	8,545	12,505	51,710
Dutch East Indies	"	11,162	38,271	89,288	293,128
Germany	"	-	-	8,017	30,989
Netherlands	"	220	2,618	2,838	11,781
Philippine Islands	"	-	-	2,744	8,960
Other Countries	"	309	661	-	-
TOTAL	"	673,753	1,922,333	579,470	1,836,383
Manila fibre -					
United States	Cwt.	53,822	218,028	73,755	261,261
Philippine Islands	"	13,098	55,320	40,793	137,521
Dutch East Indies	"	5,356	17,837	4,575	15,594
TOTAL	"	72,276	291,185	129,123	414,376
Vegetable fibres, n.o.p. -					
United Kingdom	Cwt.	832	10,194	456	5,823
United States	"	2,929	22,624	2,262	18,181
Belgium	"	92	718	431	4,092
Morocco	"	622	1,086	3,329	5,862
Dutch East Indies	"	-	-	4,282	17,394
Other Countries	"	797	2,916	1,042	5,677
TOTAL	"	5,272	37,538	11,802	57,029
Coir and coir yarn -					
British India	Cwt.	5,382	22,668	3,796	13,527
TOTAL	"	5,382	22,668	3,796	13,527

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 13. - Imports by Principal Countries, 1932 and 1933. - (Cont'd.)

Articles Imported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
Rovings, yarns and warps, wholly of cotton, including threads, generally used for sewing, stitching, packaging and other purposes, n.o.p. -					
United Kingdom	Lb.	168,357	68,414	185,544	73,335
United States	"	182,724	88,322	166,776	71,776
France	"	1,670	2,707	3,755	3,641
Other Countries	"	1,769	1,219	2,332	2,621
TOTAL	"	354,520	160,662	358,407	151,373
Rovings, yarns and warps, wholly or in part of vegetable fibres, including yarn twist, generally used for packaging and other purposes, n.o.p., not to contain silk, artificial silk nor wool -					
United Kingdom	Lb.	979,748	91,564	861,016	88,193
United States	"	29,482	10,514	18,722	4,995
Italy	"	44,938	5,756	31,665	5,335
Other Countries	"	14,656	2,003	14,857	1,895
TOTAL	"	1,068,824	109,837	926,260	100,418
Cord and twine, cotton, n.o.p. -					
United Kingdom	Lb.	36,253	6,817	46,350	8,720
United States	"	38,517	10,264	30,235	10,875
Other Countries	"	58	29	278	199
TOTAL	"	74,828	17,110	76,863	19,794
Cords and twines, n.o.p. -					
United Kingdom	Lb.	124,994	13,094	108,266	10,658
United States	"	42,322	8,421	29,867	5,002
Other Countries	"	29,530	3,756	8,694	725
TOTAL	"	196,846	25,271	146,827	16,385

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 13. - Imports by Principal Countries, 1932 and 1933. - (Cont'd.)

Articles Imported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
Sail twine of hemp or flax for the manufacture of boats' and ships' sails -					
United Kingdom	Lb.	6	4	20	7
United States	"	149	42	151	47
Other Countries	"	155	47	408	94
TOTAL	"	310	93	579	148
Binder twine -					
United Kingdom	Lb.	3,738,700	239,707	7,253,500	476,876
United States	"	5,614,400	383,410	1,400	80
Belgium	"	430,500	31,755	139,000	9,353
Netherlands	"	17,067,300	921,412	15,153,800	794,442
Other Countries	"	100	3	100	4
TOTAL	"	26,851,000	1,576,287	22,547,800	1,280,755
Bank, cod, pollock and mackerel fish lines, and mackerel, herring, salmon, seal, seine, mullet, net and trawl twine in hanks, coils, barked or not in variety of sizes and threads, including gilling thread in balls; marline and net norsels of cotton, hemp or flax, and fishing nets or seines, when used exclusively for the fisheries, not for sportman's purposes -					
United Kingdom	-	-	615,912	-	700,429
United States	-	-	290,041	-	215,914
France	-	-	15,715	-	11,384
Germany	-	-	9,022	-	41,870
Japan	-	-	8,862	-	19,968
Other Countries	-	-	19,824	-	16,259
TOTAL	-	-	959,376	-	1,005,824

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 13. Imports by Principal Countries, 1932 and 1933. - (Cont'd.)

Articles Imported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
Cordage, manila, sisal and New Zealand fibre, exceeding one inch in circumference					
United Kingdom	Lb.	885,097	76,441	709,854	53,741
United States	"	15,466	2,291	53,530	6,901
Other Countries	"	50,399	4,776	21,600	1,497
TOTAL	"	948,962	83,508	784,984	62,139
Cordage exceeding one inch in circumference, n.o.p.					
United Kingdom	Lb.	88,834	15,478	81,116	12,073
United States	"	125,098	8,347	77,200	7,398
Other Countries	"	15,104	1,481	300	133
TOTAL	"	229,036	25,306	158,616	19,604
Cordage, head ropes for fishing nets and manila rope, not exceeding 1½ inches in circumference, when used exclusively for the fisheries					
United Kingdom	Lb.	452,891	47,676	574,170	54,991
United States	"	161,186	33,381	158,910	33,056
Netherlands	"	172,005	14,608	107,398	8,350
Philippine Islands	"	-	-	2,163	204
TOTAL	"	786,082	95,665	842,641	96,601

SUMMARY OF IMPORTS BY PRINCIPAL COUNTRIES, 1932 and 1933

United Kingdom	-	1,196,205	-	1,532,322
United States	-	3,029,840	-	2,009,309
British East Africa	-	27,218	-	99,707
British South Africa	-	-	-	7,166
British India	-	22,668	-	13,527
Belgium	-	41,018	-	65,155
Dutch East Indies	-	56,108	-	326,116
France	-	18,422	-	15,025
Germany	-	9,022	-	72,859
Italy	-	5,756	-	5,335
Japan	-	8,862	-	19,968
Morocco	-	1,086	-	5,862
Netherlands	-	938,638	-	815,034
Philippine Islands	-	70,159	-	176,921

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 13. - Imports by Principal Countries, 1932 and 1933. - (Concl'd.)

Articles Imported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
SUMMARY OF IMPORTS BY PRINCIPAL COUNTRIES, 1932 and 1933 - (Concl'd.) -					
Brought Forward	-	-	5,425,002	-	5,164,306
Sweden	-	-	5,672	-	4,868
Other Countries	-	-	52,419	-	37,196
TOTAL IMPORTS	-	-	5,483,093	-	5,206,370

Table 14. - Exports by Principal Countries, 1932 and 1933.

Articles Exported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
Flax fibre and flax tow -					
United Kingdom	Cwt.	-	-	432	1,169
United States	"	2	27	707	1,667
TOTAL	"	2	27	1,139	2,836
Binder twine -					
United Kingdom	Lb.	5,389,800	275,697	6,152,000	291,650
United States	"	9,573,400	501,415	6,797,000	316,053
British South Africa ..	"	1,327,500	66,442	1,373,000	67,790
Irish Free State	"	542,000	26,628	709,300	29,949
Other Countries	"	13,200	704	-	-
TOTAL	"	16,845,900	870,886	15,031,300	705,442
Cordage, rope and twine, n.o.p. -					
United Kingdom	-	-	6,776	-	656
United States	-	-	2,285	-	173,041
British Guiana	-	-	1,561	-	2,779
British West Indies ...	-	-	3,309	-	2,941
Newfoundland	-	-	2,451	-	2,703
Argentina	-	-	-	-	71,913
Peru	-	-	4,287	-	5,661
Venezuela	-	-	326	-	1,923
Other Countries	-	-	3,273	-	1,219
TOTAL	-	-	24,268	-	262,836

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Table 14. - Exports by Principal Countries, 1932 and 1933. - (Concl'd.)

Articles Exported	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
SUMMARY OF EXPORTS BY PRINCIPAL COUNTRIES, 1932 and 1933 -					
United Kingdom	-	-	282,473	-	293,475
United States	-	-	503,727	-	490,761
British Guiana	-	-	1,561	-	2,779
British South Africa	-	-	66,442	-	67,790
British West Indies	-	-	3,309	-	2,941
Irish Free State	-	-	26,628	-	29,949
Newfoundland	-	-	2,451	-	2,703
Argentina	-	-	-	-	71,913
Peru	-	-	4,287	-	5,661
Venezuela	-	-	326	-	1,923
Other Countries	-	-	3,977	-	1,219
TOTAL EXPORTS	-	-	895,181	-	971,114

A P P E N D I X.

Cordage, Rope and Twine Manufacturers Operating in Canada, 1933.

Name of Firm	Location	Products Made
<u>NOVA SCOTIA</u>		
Consumers' Cordage Company Ltd.,	Wyse Road, Dartmouth.	Rope.
<u>QUEBEC</u>		
Consumers' Cordage Company Ltd.,	2,143 St. Patrick Street, Montreal.	Rope, Yarns.
C. A. Turner Manufacturing Company, Reg'd.,	199 Victoria Street, Sherbrooke.	Cordage.
<u>ONTARIO</u>		
The Brantford Cordage Co. Ltd., John S. Brooks, Canadian Fish Net Company Ltd.,	111 Brant Street, Brantford. Dunnville. 203 Hardisty Street, Fort William.	Binder twine. Fish nets. Fish nets.
International Harvester Company of Canada, Limited, Doon Twines Limited,	Sherman Avenue North, Hamilton. 33-49 South Street, Kitchener.	Binder twine. Twines, Ropes.

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1933.

Cordage, Rope and Twine Manufacturers Operating in Canada, 1933. - (Concl'd.)

<u>Name of Firm</u>	<u>Location</u>	<u>Products Made</u>
<u>ONTARIO - (Concl'd.)</u>		
Derrett Limited,	6 Bartlett Avenue, Toronto.	Twine, Rope.
Plymouth Cordage Company,	229 Plymouth Road, Welland.	Binder twine, Rope.
<u>BRITISH COLUMBIA</u>		
Canada Western Cordage Co. Ltd.,	Braid Street, New Westminster.	Binder twine, Twine, Rope.

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