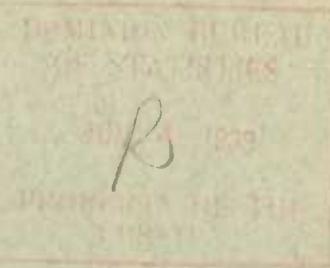


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# CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

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## REPORT

ON THE

CORDAGE, ROPE & TWINE INDUSTRY

IN

CANADA

1932

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Minister of Trade and Commerce.

OTTAWA  
1933

NOTE: - The statistics published in this report include only those of such manufacturers whose principal items of production are cordage, rope and twine. Statistics relating to specific products are not to be regarded as comprehensive for they are also produced to some extent in the cotton, wool and paper industries.

DEPARTMENT OF TRADE AND COMMERCE  
 DOMINION BUREAU OF STATISTICS  
 GENERAL MANUFACTURES DIVISION  
 OTTAWA - CANADA

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 Acting Chief, General Manufactures Division: A. Cohen, B. Com.

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

In the year 1932, reports were received from twelve establishments which were primarily engaged in the manufacture of cordage, rope and twine and whose gross production for that year was valued at \$5,017,931, a decrease of \$778,559 or 13.4 per cent from 1931. The amount of the capital investment, \$10,184,932, also represents a decrease of \$831,252 or 7.5 per cent.

Employment was furnished to 998 persons who were paid \$1,104,650 in salaries and wages, and in comparison with 1931 these figures represent small increases of thirty persons and \$15,358. The cost of raw materials dropped from \$3,889,767 in 1931 to \$2,680,830, a decrease of \$1,208,937 or 31.1 per cent, while the value added by manufacture, \$2,337,101, in 1932 showed an increase over the preceding year of \$430,378 or 22.6 per cent. The following table shows at a glance the variations in the principal statistics in 1932 as compared with 1931, the sign + meaning an increase and the sign - representing a decrease

Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Production	Value added by Manufacture
\$	No.	\$	\$	\$	\$
- 831,252	+ 30	+ 15,358	- 1,208,937	- 778,559	+ 430,378

The principal item of production in this industry is binder twine, and in 1932, 66,137,732 pounds were produced valued at \$3,701,857, an average price per pound of 5.6 cents. Production in 1931 was 57,125,890 pounds worth \$4,313,512 or 7.5 cents per pound. Of twines for sale there were 1,758,202 pounds valued at \$263,469 in 1932, compared with 1,824,716 pounds with a value of \$301,088 in 1931. The value of rope manufactured in 1932 was \$956,152 and \$1,103,680 in 1931.

It must be remembered that statistics published in this report include only those of manufacturers whose principal products are cordage, rope and twine. In 1931, for instance, twines and cordage to the value of \$620,657 were manufactured as by-products in the woollen, cotton and paper industries.

The principal material used by the industry is hemp, and in 1932 the various kinds consumed totalled 62,573,191 pounds costing \$2,151,879 in comparison with a consumption of 54,796,471 pounds valued at \$3,334,749 in 1931. The cost per pound in the respective years was 3.4 cents and 6.1 cents.

The amount of capital invested in this industry in 1932 remained substantially the same as in 1931, there being a small decrease of \$831,252. This investment is shown in detail in table 7.

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Tables 8, 9 and 10 deal with employment, salaries and wages. There was also very little variation here, small increases in the number of employees and the amount of their remuneration being shown.

Imports and exports of raw materials and finished products are shown in detail in tables 14 and 15. Imports valued at \$5,493,002 in 1932 showed an increase of \$24,422 over the 1931 valuation, and the principal items of import in 1932 were sisal fibre to the value of \$1,898,116 and binder twine valued at \$1,576,287.

The value of exports in 1932 was \$895,181 compared with a valuation of \$1,538,146 in 1931. Binder twine was the principal article exported in both years, the value being \$870,386 in 1932 and \$1,492,612 in 1931.

Table 1. - Principal Statistics, 1926-1932.

Year and Provinces	Establishments Reporting	Capital Invested	Employees	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
<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 x.	5	1,495,027	183	219,233	317,335	717,650	400,315

x Other Provinces include: - Nova Scotia, one establishment; Quebec, three establishments and British Columbia, one establishment.

Table 2. - Principal Statistics by Provinces, 1932.

Items	CANADA	Ontario	Other Provinces
Establishments reporting .....	No. 12	7	5
Capital invested .....	\$ 10,184,932	8,689,905	1,495,027
Employees on salaries .....	Total No. 114	82	32
Male .....	No. 85	59	26
Female .....	No. 29	23	6
Salaries .....	\$ 294,837	207,209	87,628
Employees on wages (monthly average)	No. 884	733	151
Male .....	No. 611	471	140
Female .....	No. 273	262	11
Total wages .....	\$ 809,813	678,208	131,605

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 2. - Principal Statistics by Provinces, 1932. - (Concl'd.)

Items		CANADA	Ontario	Other Provinces
Power equipment -				
Units .....	No.	258	210	48
Horse-power capacity .....	H.P.	7,610	6,372	1,238
Cost of fuel and electricity .....	\$	104,982	80,232	24,750
Cost of materials used .....	\$	2,680,830	2,363,495	317,335
Gross value of production .....	\$	5,017,931	4,300,281	717,650
Value added by manufacture .....	\$	2,337,101	1,936,786	400,315

Table 3. - Comparison of Principal Statistics, 1931 and 1932.

Items		1931	1932	+ Increase - Decrease
Establishments reporting .....				
Units .....	No.	12	12	-
Capital invested .....	\$	11,016,184	10,184,932	- 831,252
Employees on salaries .....	Total No.	105	114	+ 9
Male .....	No.	81	85	+ 4
Female .....	No.	24	29	+ 5
Salaries .....	\$	291,278	294,837	+ 3,559
Employees on wages (Monthly Average) .....	No.	863	884	+ 21
Male .....	No.	588	611	+ 23
Female .....	No.	275	273	- 2
Total wages .....	\$	798,014	809,813	+ 11,799
Power equipment -				
Units .....	No.	237	258	+ 21
Horse-power capacity .....	H.P.	7,540	7,610	+ 70
Cost of fuel and electricity .....	\$	104,022	104,982	+ 960
Cost of materials used .....	\$	3,889,767	2,680,830	- 1,208,937
Gross value of production .....	\$	5,796,490	5,017,931	- 778,559
Value added by manufacture .....	\$	1,906,723	2,337,101	+ 430,378

Table 4. - Production, 1931 and 1932.

Principal Products	Unit of measure	Quantity	Selling	Quantity	Selling
			Value at Factory		Value at Factory
			\$		\$
Binder twine -					
Chiefly sisal .....	Pound	36,809,256	2,695,868	55,212,180	3,051,809
All other .....	"	20,316,634	1,617,644	10,925,552	650,048
Twines for sale -					
Hemp .....	Pound	614,449	126,175	665,311	108,235
Flax and jute .....	"	1,132,941	164,340	1,037,319	141,810
All other .....	"	77,326	10,573	55,572	13,424

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 4. - Production, 1931 and 1932. - (Concl'd.)

Principal Products	Unit of Measure	1931		1932	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Rope -			\$		\$
Manila .....	Pound	6,049,233	823,776	5,489,947	717,741
Sisal .....	"	937,548	119,314	781,179	97,813
Jute .....	"	18,030	2,613	66,196	6,817
All other .....	"	892,912	157,977	-	133,781
All other products, unable to specify .....	-	-	78,210	-	96,453
TOTAL PRODUCTION .....	-	-	5,796,490	-	5,017,931

Table 5. - Consumption of Binder Twine in Canada for the years 1930, 1931 and 1932.

	1930		1931		1932	
	Quantity	Value	Quantity	Value	Quantity	Value
Production .....	596,355	6,356,943	571,259	4,313,512	661,377	3,701,857
plus						
Imports .....	103,096	1,131,239	184,123	1,302,680	268,510	1,576,287
TOTAL .....	699,451	7,488,182	755,382	5,616,192	929,887	5,278,144
less						
Exports .....	153,754	1,654,751	182,870	1,492,612	168,459	870,886
AVAILABLE FOR CONSUMPTION .....	545,697	5,833,431	572,512	4,123,580	761,428	4,407,258

Table 6. - Materials Used, 1931 and 1932.

Principal Materials	Unit of Measure	1931		1932	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
HARD FIBRES -			\$		\$
Hemp:					
Manila .....	Pound	11,456,872	739,935	7,189,241	365,487
New Zealand .....	"	1,072,257	74,720	285,489	13,131
Sisal .....	"	14,927,684	774,834	26,229,007	684,550
Java .....	"	15,330,651	990,224	15,109,678	592,502
African and other .....	"	12,009,007	755,036	13,759,776	496,209

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 6. - Materials Used, 1931 and 1932. - (Concl'd.)

Principal Materials	Unit of Measure	1931		1932	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
SOFT FIBRES of hemp and hemp tow, flax and flax			\$		\$
tow and jute .....	Pound	1,448,509	64,481	1,008,388	50,585
Twines .....	"	-	22,015	42,484	17,172
Yarns purchased -					
Flax, hemp and jute .....	"	490,031	56,840	414,005	40,466
Cotton .....	"	-	-	85,073	17,159
All other .....	"	73,291	15,534	43,749	8,905
Burlap .....	"	-	-	1,159,322	94,878
Oils .....	"	10,094,940	144,275	11,903,706	146,814
Wax .....	"	390,334	14,765	54,704	2,697
Degras .....	"	560,517	21,605	453,796	14,340
Tar, tallow, grease, soap, starch and dyes .....	-	-	5,733	-	8,639
All other materials .....	-	-	115,915	-	102,057
Packing and shipping materials .....	-	-	93,855	-	25,239
<b>TOTAL MATERIALS .....</b>	<b>-</b>	<b>-</b>	<b>3,889,767</b>	<b>-</b>	<b>2,680,830</b>

Table 7. - Capital Invested, 1927-1932.

Year and Provinces	Fixed Capital	Working Capital				Total Capital
		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		
<b>1931</b>						
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	
<b>1932</b>						
CANADA .....	5,085,458	494,200	982,181	3,623,093	10,184,932	

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 7. - Capital Invested, 1927-1932. - (Concl'd.)

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
<u>1932</u>					
CANADA .....	5,085,458	494,200	982,131	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

Table 8. - Employees by Sex and Remuneration, 1931 and 1932.

		1931	1932
Salaried employees -			
Total .....	No.	105	114
Male .....	No.	81	85
Female .....	No.	24	29
Total salaries .....	\$	291,278	294,837
Wage-earners ....., (Monthly Average)	No.	863	884
Male .....	No.	588	611
Female .....	No.	275	273
Total wages .....	\$	798,014	809,813
All employees -			
Total .....	No.	968	998
Male .....	No.	669	696
Female .....	No.	299	302
Salaries and wages .....	\$	1,089,292	1,104,650

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 9. - Monthly Employment of Wage-earners, 1931 and 1932.

Months	1931			1932		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January .....	597	267	864	589	275	864
February .....	592	271	863	598	280	878
March .....	608	288	896	579	279	858
April .....	602	283	885	593	272	865
May .....	593	286	879	592	273	865
June .....	583	295	878	722	278	1,000
July .....	594	293	887	764	286	1,050
August .....	585	281	866	597	282	879
September .....	496	180	676	593	305	898
October .....	583	285	868	594	296	890
November .....	613	281	894	591	276	867
December .....	607	282	889	520	191	711
MONTHLY AVERAGE ...	588	275	863	611	273	884

Table 10. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1931 and 1932.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1931	1932		1931	1932
40 hours or less .....	-	34	51-53 hours .....	-	1
41-43 hours .....	20	15	54 hours .....	-	-
44 hours .....	21	1	55 hours .....	83	441
45-47 hours .....	209	27	56-59 hours .....	1	1
48 hours .....	66	75	60 hours .....	1	211
49-50 hours .....	563	322	Over 60 hours ....	5	4

The above table does not include overtime.

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 11. - Power Installation, 1931 and 1932.

Classes of Power	1931		1932	
	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 .....	235	7,175	256	7,245
TOTAL POWER USED IN MANUFACTURING .....	237	7,540	258	7,610
Boiler Installation .....	16	2,016	19	2,297

Table 12. - Consumption of Fuel and Electricity, 1931 and 1932.

Kinds of Fuel	Unit of Measure	1931		1932	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous .....	(2000 Lbs.)	3,994	20,831	4,715	23,789
Anthracite .....	"	11	162	18	199
Coke (for fuel only) .	"	1,626	4,362	223	780
Fuel and diesel oil .	Imp. Gal.	5,162	318	6,369	425
Other fuel .....	-	-	-	-	34
TOTAL COST OF FUEL .....	-	-	25,673	-	25,227
Electricity purchased for power (including service charges) ....	K.W.H.	7,658,633	78,349	8,093,440	79,755
TOTAL COST OF FUEL AND ELECTRICITY .	-	-	104,022	-	104,982

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 13. - Mechanical Equipment, 1931 and 1932.

	1931	1932		Total
	Total	Active at some time within year	Idle entire year	
	No.	No.	No.	
Spinning spindles which consumed fibre during the year .....	3,903	3,982	-	3,982
Spinning spindles which consumed no fibre during the year .....	396	-	303	303
Twisting and doubling spindles .....	872	750	-	750
Looms .....	-	5	-	5
Braiding machines .....	36	16	16	32
Banding machines .....	3	9	2	11
Rope machines .....	-	113	-	113
Winding machines .....	1	477	1	478
All other .....	-	5	-	5
TOTAL .....	5,211	5,357	322	5,679

Table 14. - Imports by Principal Countries, 1931 and 1932.

Articles Imported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
Fibrilla, flax fibre and flax tow -			\$		\$
United States .....	Cwt.	19	127	403	1,507
Other Countries .....	"	79	1,191	229	1,618
TOTAL .....	"	98	1,318	632	3,125
Hemp, dressed or undressed -					
United States .....	Cwt.	19,520	94,037	10,451	52,575
New Zealand .....	"	-	-	4,584	13,373
Philippine Islands .....	"	2,061	10,463	4,638	14,839
Other Countries .....	"	-	-	124	713
TOTAL .....	"	21,581	104,500	19,797	81,500
Jute and jute butts -					
United States .....	Cwt.	4,383	18,076	7,441	26,445
TOTAL .....	"	4,383	18,076	7,441	26,445

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 14. - Imports by Principal Countries, 1931 and 1932. - (Cont'd.)

Articles Imported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
Oakum of flax, hemp or jute -			\$		\$
United Kingdom .....	Cwt.	991	7,125	1,081	7,873
United States .....	"	7,448	52,088	3,830	31,639
Sweden .....	"	566	2,955	1,262	5,672
TOTAL .....	"	9,005	62,168	6,173	45,184
Esparto or Spanish grass and other grasses, n.o.p. -					
United States .....	Cwt.	6	60	42	451
Other Countries .....	"	78	927	7	132
TOTAL .....	"	84	987	49	583
Fibre, Mexican, istle or tampico -					
United Kingdom .....	Cwt.	131	2,099	220	3,031
United States .....	"	1,058	17,089	3,472	15,203
Other Countries .....	"	310	3,846	661	5,983
TOTAL .....	"	1,499	23,034	4,353	24,217
Manila fibre -					
United States .....	Cwt.	50,293	264,250	53,822	218,028
Dutch East Indies .....	"	-	-	5,356	17,837
Philippine Islands .....	"	13,462	65,578	13,098	55,320
TOTAL .....	"	63,755	329,328	72,276	291,185
Sisal fibre -					
British East Africa .....	Cwt.	1,910	7,603	10,484	27,218
United States .....	"	337,900	1,726,543	645,638	1,826,786
Dutch East Indies .....	"	2,750	10,974	11,162	38,271
Other Countries .....	"	960	3,604	2,116	5,841
TOTAL .....	"	393,520	1,748,724	669,400	1,898,116
Coir and coir yarn -					
British India .....	Cwt.	6,284	31,528	5,382	22,668
Other Countries .....	"	25	277	-	-
TOTAL .....	"	6,309	31,805	5,382	22,668

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 14. - Imports by Principal Countries, 1931 and 1932. - (Cont'd.)

Articles Imported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
Vegetable fibres, n.o.p. -			\$		\$
United Kingdom .....	Cwt.	1,597	17,655	832	10,194
United States .....	"	9,230	42,568	2,887	22,173
Other Countries ....	"	5,023	21,886	1,504	4,590
TOTAL .....	"	15,850	82,109	5,223	36,957
Rovings, yarns and warps, wholly of cotton, in- cluding threads, generally used for sewing, stitching, packaging and other purposes, n.o.p. -					
United Kingdom .....	Lb.	117,501	42,633	168,357	68,414
United States .....	"	269,781	150,600	182,724	88,322
France .....	"	3,058	6,399	1,670	2,707
Other Countries ....	"	869	449	1,769	1,219
TOTAL .....	"	391,209	200,081	354,520	160,662
Rovings, yarns and warps, wholly or in part of vegetable fibres, in- cluding yarn twist, generally used for packaging and other purposes, n.o.p., not to contain silk, artificial silk nor wool -					
United Kingdom .....	Lb.	984,785	101,135	979,748	91,564
United States .....	"	52,243	15,036	29,482	10,514
Italy .....	"	38,868	4,431	44,938	5,756
Other Countries ....	"	168,422	13,972	14,656	2,003
TOTAL .....	"	1,244,318	134,574	1,068,824	109,837
Cord and twine, cotton, n.o.p. -					
United Kingdom .....	Lb.	33,975	6,846	36,253	6,817
United States .....	"	67,125	26,035	38,517	10,264
Other Countries ....	"	835	223	58	29
TOTAL .....	"	101,935	33,104	74,828	17,110

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 14. - Imports by Principal Countries, 1931 and 1932. - (Cont'd.)

Articles Imported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
Binder twine -			\$		\$
United Kingdom .....	Lb.	2,639,600	226,640	3,738,700	239,707
United States .....	"	158,900	18,162	5,614,400	383,410
Belgium .....	"	384,200	37,288	430,500	31,755
Netherlands .....	"	15,229,400	1,020,577	17,067,300	921,412
Other Countries .....	"	200	13	100	3
TOTAL .....	"	18,412,300	1,302,680	26,851,000	1,576,287
Bank, cod and other fish lines and twines, etc. -					
United Kingdom .....	-	-	724,411	-	615,912
United States .....	-	-	338,435	-	290,041
France .....	-	-	11,340	-	15,715
Germany .....	-	-	1,252	-	9,022
Japan .....	-	-	28,500	-	8,862
Norway .....	-	-	21,607	-	15,455
Other Countries .....	-	-	10,490	-	4,369
TOTAL .....	-	-	1,136,035	-	959,376
Cordage, head ropes, etc., used in fisheries -					
United Kingdom .....	Lb.	259,946	29,360	452,891	47,676
United States .....	"	208,405	41,975	161,186	33,381
Netherlands .....	"	142,616	14,079	172,005	14,608
Other Countries .....	"	157	34	-	-
TOTAL .....	"	611,124	85,448	786,082	95,665
Cords and twines, n.o.p. -					
United Kingdom .....	Lb.	120,253	18,433	124,994	13,094
United States .....	"	136,806	27,178	42,322	8,421
Belgium .....	"	12,060	939	27,198	3,218
Other Countries .....	"	83,394	6,950	2,332	538
TOTAL .....	"	353,013	53,500	196,846	25,271
Cordage, manila, sisal, etc., exceeding 1" in circumference -					
United Kingdom .....	Lb.	810,739	74,230	883,097	76,441
United States .....	"	127,948	8,466	15,466	2,291
Other Countries .....	"	37,342	4,602	50,399	4,776
TOTAL .....	"	976,029	87,298	948,962	83,508

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 14. - Imports by Principal Countries, 1931 and 1932. - (Concl'd.)

Articles Imported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
Cordage, exceeding 1" in circumference, n.o.p. -			\$		\$
United Kingdom .....	Lb.	51,264	11,282	88,834	15,478
United States .....	"	119,355	12,029	125,098	8,347
Netherlands .....	"	-	-	15,104	1,481
TOTAL .....	"	170,619	23,311	229,036	25,306

Summary of Imports by Principal Countries, 1931 and 1932 -

United Kingdom .....	-	-	1,261,849	-	1,196,201
United States .....	-	-	2,852,754	-	3,029,798
British East Africa ...	-	-	7,603	-	27,218
British India .....	-	-	31,528	-	22,668
New Zealand .....	-	-	-	-	13,373
Belgium .....	-	-	38,227	-	34,973
Dutch East Indies .....	-	-	10,974	-	56,108
France .....	-	-	17,739	-	18,422
Germany .....	-	-	1,252	-	9,022
Italy .....	-	-	4,431	-	5,756
Japan .....	-	-	28,500	-	8,862
Netherlands .....	-	-	1,034,656	-	937,501
Norway .....	-	-	21,607	-	15,455
Philippine Islands ....	-	-	76,041	-	70,159
Sweden .....	-	-	2,955	-	5,672
Other Countries .....	-	-	68,464	-	31,814
TOTAL IMPORTS .	-	-	5,458,580	-	5,483,002

Table 15. - Exports by Principal Countries, 1931 and 1932.

Articles Exported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
Flax fibre and flax tow -			\$		\$
United States .....	Cwt.	146	1,312	2	27
TOTAL .....	"	146	1,312	2	27

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

Table 15. - Exports by Principal Countries, 1931 and 1932. - (Concl'd.)

Articles Exported	Unit of Measure	1931		1932	
		Quantity	Value	Quantity	Value
<b>Binder twine -</b>					
United Kingdom .....	Lb.	5,752,800	418,488	5,389,800	275,697
United States .....	"	10,785,700	932,140	9,573,400	501,415
Irish Free State .....	"	-	-	542,000	26,628
British South Africa ..	"	993,000	66,545	1,327,500	66,442
Other Countries .....	"	755,500	75,439	13,200	704
<b>TOTAL .....</b>	"	<b>18,287,000</b>	<b>1,492,612</b>	<b>16,845,900</b>	<b>870,886</b>
<b>Cordage, rope and twine, n.o.p. -</b>					
United Kingdom .....	-	-	8,419	-	6,776
United States .....	-	-	2,723	-	2,285
British West Indies ..	-	-	7,445	-	3,309
Newfoundland .....	-	-	3,470	-	2,451
Peru .....	-	-	6,251	-	4,287
Other Countries .....	-	-	15,914	-	5,160
<b>TOTAL .....</b>	-	<b>-</b>	<b>44,222</b>	<b>-</b>	<b>24,268</b>
<b>Summary of Exports by Principal Countries, 1931 and 1932 -</b>					
United Kingdom .....	-	-	426,907	-	282,473
United States .....	-	-	936,175	-	503,727
British South Africa ..	-	-	66,545	-	66,442
British West Indies ..	-	-	7,445	-	3,309
Irish Free State .....	-	-	-	-	26,628
Newfoundland .....	-	-	3,470	-	2,451
Peru .....	-	-	6,251	-	4,287
Other Countries .....	-	-	91,353	-	5,864
<b>TOTAL EXPORTS.</b>	-	<b>-</b>	<b>1,538,146</b>	<b>-</b>	<b>895,181</b>

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1932.

A P P E N D I X

Cordage, Rope and Twine Manufacturers Operating in Canada, 1932.

Name of Firm	Location	Products Made
<u>NOVA SCOTIA</u>		
Consumers' Cordage Company,	Wyse Road, Dartmouth.	Rope.
<u>QUEBEC</u>		
Aero Manufacturing Company Limited,	Main Street, Lennoxville.	Cordage, Rope.
Consumers' Cordage Company Limited,	287 St. Patrick Street, Montreal.	Rope, Yarns.
C. A. Turner Manufacturing Co. Reg'd.,	199 Victoria Street, Sherbrooke,	Cordage.
<u>ONTARIO</u>		
Brantford Cordage Company Limited, John S. Brooks,	111 Brant Street, Brantford, Dunnville,	Binder twine. Fish nets.
Canadian Fish Net Company Limited,	203 Hardisty Street, Fort William,	Fish nets.
International Harvester Company of Canada, Limited, Doon Twines Limited, Derrett Limited, Plymouth Cordage Company,	Sherman Ave. West, Hamilton, 33-49 South Street, Kitchener, 6 Bartlett Avenue, Toronto, Main Street, Welland,	Binder twine. Twines, Ropes. Twine, Rope. Binder twine, Rope.
<u>BRITISH COLUMBIA</u>		
Canada Western Cordage Co. Ltd.,	Braid Street, New Westminster,	Binder Twine, Twine, Rope,

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