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CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY

REPORT  
on the  
CORDAGE, ROPE & TWINE INDUSTRY  
in  
CANADA  
1927

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Published by Authority of the Hon. James Malcolm, M.P.,  
Minister of Trade and Commerce

+ + +

OTTAWA

1929

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NOTE.- The statistics published in the present statement include only the statistics of such manufacturing establishments as make cordage, rope and twines as their principal product. The statistics relating to specific products are therefore not to be regarded as comprehensive, as products like cotton twines and cordage are also found as secondary products of other industries such as the Cotton yarn and cloth and Cotton batting.

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA - CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.  
Chief, Census of Industry: J. C. Macpherson

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1927.

Ottawa, December, 1928.- A report is herewith presented on the Cordage, Rope and Twine Industry in Canada for the calendar year 1927. The number of establishments reporting operations was 14 an increase of three over 1926, of which 7 were in Ontario, 4 in Quebec, 1 in Nova Scotia, 1 in British Columbia. A summary of the principal statistics of the industry compared for the calendar years 1926 and 1927 is given in Table 1.

Table 1. - Principal Statistics compared for 1926 and 1927.

		1927	1926
Establishments	No.	14	11
Capital investment, total	\$	14,890,220	15,679,569
Fixed capital	\$	5,965,331	5,774,524
Working capital	\$	8,924,889	9,905,045
Employees on salaries - Male	No.	82	89
Female	No.	24	28
Salaries	\$	287,321	253,092
Employees on wages - average number -			
Male	No.	958	1,051
Female	No.	376	346
Wages	\$	1,271,666	1,338,033
Cost of fuel and power	\$	139,374	155,934
Power installation - Units	No.	229	199
Capacity	H.P.	7,807	7,792
Cost of materials	\$	7,499,649	7,566,817
Gross value of products	\$	10,827,418	10,574,682
Net Value of products	\$	3,327,769	3,007,865



# COMMISSION OF THE INTERIOR

## DEPARTMENT OF THE INTERIOR

### OFFICE OF THE SECRETARY

#### WASHINGTON, D. C.

REPORT OF THE SECRETARY OF THE INTERIOR  
FOR THE YEAR 1905

## THE BUREAU OF LAND MANAGEMENT

The Bureau of Land Management is a part of the Department of the Interior, and is charged with the management of the public lands of the United States. It is the policy of the Department to manage these lands for the benefit of the people, and to preserve them for the future. The Bureau has been organized to carry out this policy, and to see that the lands are managed in a wise and economical manner. It has been the duty of the Bureau to acquire new lands, to dispose of lands already in its possession, and to manage the lands that are now in its possession. The Bureau has been successful in carrying out its duties, and has been able to acquire a large amount of new land, and to dispose of a large amount of land already in its possession. The Bureau has also been able to manage the lands that are now in its possession in a wise and economical manner, and has been able to preserve them for the future.

For a full and complete report of the Bureau of Land Management for the year 1905, see the report of the Secretary of the Interior for the year 1905.

LANDS ACQUIRED		LANDS DISPOSED		LANDS IN POSSESSION	
ACRES	VALUE	ACRES	VALUE	ACRES	VALUE
1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
2,000,000	\$2,000,000	2,000,000	\$2,000,000	2,000,000	\$2,000,000
3,000,000	\$3,000,000	3,000,000	\$3,000,000	3,000,000	\$3,000,000
4,000,000	\$4,000,000	4,000,000	\$4,000,000	4,000,000	\$4,000,000
5,000,000	\$5,000,000	5,000,000	\$5,000,000	5,000,000	\$5,000,000
6,000,000	\$6,000,000	6,000,000	\$6,000,000	6,000,000	\$6,000,000
7,000,000	\$7,000,000	7,000,000	\$7,000,000	7,000,000	\$7,000,000
8,000,000	\$8,000,000	8,000,000	\$8,000,000	8,000,000	\$8,000,000
9,000,000	\$9,000,000	9,000,000	\$9,000,000	9,000,000	\$9,000,000
10,000,000	\$10,000,000	10,000,000	\$10,000,000	10,000,000	\$10,000,000
11,000,000	\$11,000,000	11,000,000	\$11,000,000	11,000,000	\$11,000,000
12,000,000	\$12,000,000	12,000,000	\$12,000,000	12,000,000	\$12,000,000
13,000,000	\$13,000,000	13,000,000	\$13,000,000	13,000,000	\$13,000,000
14,000,000	\$14,000,000	14,000,000	\$14,000,000	14,000,000	\$14,000,000
15,000,000	\$15,000,000	15,000,000	\$15,000,000	15,000,000	\$15,000,000
16,000,000	\$16,000,000	16,000,000	\$16,000,000	16,000,000	\$16,000,000
17,000,000	\$17,000,000	17,000,000	\$17,000,000	17,000,000	\$17,000,000
18,000,000	\$18,000,000	18,000,000	\$18,000,000	18,000,000	\$18,000,000
19,000,000	\$19,000,000	19,000,000	\$19,000,000	19,000,000	\$19,000,000
20,000,000	\$20,000,000	20,000,000	\$20,000,000	20,000,000	\$20,000,000
21,000,000	\$21,000,000	21,000,000	\$21,000,000	21,000,000	\$21,000,000
22,000,000	\$22,000,000	22,000,000	\$22,000,000	22,000,000	\$22,000,000
23,000,000	\$23,000,000	23,000,000	\$23,000,000	23,000,000	\$23,000,000
24,000,000	\$24,000,000	24,000,000	\$24,000,000	24,000,000	\$24,000,000
25,000,000	\$25,000,000	25,000,000	\$25,000,000	25,000,000	\$25,000,000
26,000,000	\$26,000,000	26,000,000	\$26,000,000	26,000,000	\$26,000,000
27,000,000	\$27,000,000	27,000,000	\$27,000,000	27,000,000	\$27,000,000
28,000,000	\$28,000,000	28,000,000	\$28,000,000	28,000,000	\$28,000,000
29,000,000	\$29,000,000	29,000,000	\$29,000,000	29,000,000	\$29,000,000
30,000,000	\$30,000,000	30,000,000	\$30,000,000	30,000,000	\$30,000,000
31,000,000	\$31,000,000	31,000,000	\$31,000,000	31,000,000	\$31,000,000
32,000,000	\$32,000,000	32,000,000	\$32,000,000	32,000,000	\$32,000,000
33,000,000	\$33,000,000	33,000,000	\$33,000,000	33,000,000	\$33,000,000
34,000,000	\$34,000,000	34,000,000	\$34,000,000	34,000,000	\$34,000,000
35,000,000	\$35,000,000	35,000,000	\$35,000,000	35,000,000	\$35,000,000
36,000,000	\$36,000,000	36,000,000	\$36,000,000	36,000,000	\$36,000,000
37,000,000	\$37,000,000	37,000,000	\$37,000,000	37,000,000	\$37,000,000
38,000,000	\$38,000,000	38,000,000	\$38,000,000	38,000,000	\$38,000,000
39,000,000	\$39,000,000	39,000,000	\$39,000,000	39,000,000	\$39,000,000
40,000,000	\$40,000,000	40,000,000	\$40,000,000	40,000,000	\$40,000,000
41,000,000	\$41,000,000	41,000,000	\$41,000,000	41,000,000	\$41,000,000
42,000,000	\$42,000,000	42,000,000	\$42,000,000	42,000,000	\$42,000,000
43,000,000	\$43,000,000	43,000,000	\$43,000,000	43,000,000	\$43,000,000
44,000,000	\$44,000,000	44,000,000	\$44,000,000	44,000,000	\$44,000,000
45,000,000	\$45,000,000	45,000,000	\$45,000,000	45,000,000	\$45,000,000
46,000,000	\$46,000,000	46,000,000	\$46,000,000	46,000,000	\$46,000,000
47,000,000	\$47,000,000	47,000,000	\$47,000,000	47,000,000	\$47,000,000
48,000,000	\$48,000,000	48,000,000	\$48,000,000	48,000,000	\$48,000,000
49,000,000	\$49,000,000	49,000,000	\$49,000,000	49,000,000	\$49,000,000
50,000,000	\$50,000,000	50,000,000	\$50,000,000	50,000,000	\$50,000,000
51,000,000	\$51,000,000	51,000,000	\$51,000,000	51,000,000	\$51,000,000
52,000,000	\$52,000,000	52,000,000	\$52,000,000	52,000,000	\$52,000,000
53,000,000	\$53,000,000	53,000,000	\$53,000,000	53,000,000	\$53,000,000
54,000,000	\$54,000,000	54,000,000	\$54,000,000	54,000,000	\$54,000,000
55,000,000	\$55,000,000	55,000,000	\$55,000,000	55,000,000	\$55,000,000
56,000,000	\$56,000,000	56,000,000	\$56,000,000	56,000,000	\$56,000,000
57,000,000	\$57,000,000	57,000,000	\$57,000,000	57,000,000	\$57,000,000
58,000,000	\$58,000,000	58,000,000	\$58,000,000	58,000,000	\$58,000,000
59,000,000	\$59,000,000	59,000,000	\$59,000,000	59,000,000	\$59,000,000
60,000,000	\$60,000,000	60,000,000	\$60,000,000	60,000,000	\$60,000,000
61,000,000	\$61,000,000	61,000,000	\$61,000,000	61,000,000	\$61,000,000
62,000,000	\$62,000,000	62,000,000	\$62,000,000	62,000,000	\$62,000,000
63,000,000	\$63,000,000	63,000,000	\$63,000,000	63,000,000	\$63,000,000
64,000,000	\$64,000,000	64,000,000	\$64,000,000	64,000,000	\$64,000,000
65,000,000	\$65,000,000	65,000,000	\$65,000,000	65,000,000	\$65,000,000
66,000,000	\$66,000,000	66,000,000	\$66,000,000	66,000,000	\$66,000,000
67,000,000	\$67,000,000	67,000,000	\$67,000,000	67,000,000	\$67,000,000
68,000,000	\$68,000,000	68,000,000	\$68,000,000	68,000,000	\$68,000,000
69,000,000	\$69,000,000	69,000,000	\$69,000,000	69,000,000	\$69,000,000
70,000,000	\$70,000,000	70,000,000	\$70,000,000	70,000,000	\$70,000,000
71,000,000	\$71,000,000	71,000,000	\$71,000,000	71,000,000	\$71,000,000
72,000,000	\$72,000,000	72,000,000	\$72,000,000	72,000,000	\$72,000,000
73,000,000	\$73,000,000	73,000,000	\$73,000,000	73,000,000	\$73,000,000
74,000,000	\$74,000,000	74,000,000	\$74,000,000	74,000,000	\$74,000,000
75,000,000	\$75,000,000	75,000,000	\$75,000,000	75,000,000	\$75,000,000
76,000,000	\$76,000,000	76,000,000	\$76,000,000	76,000,000	\$76,000,000
77,000,000	\$77,000,000	77,000,000	\$77,000,000	77,000,000	\$77,000,000
78,000,000	\$78,000,000	78,000,000	\$78,000,000	78,000,000	\$78,000,000
79,000,000	\$79,000,000	79,000,000	\$79,000,000	79,000,000	\$79,000,000
80,000,000	\$80,000,000	80,000,000	\$80,000,000	80,000,000	\$80,000,000
81,000,000	\$81,000,000	81,000,000	\$81,000,000	81,000,000	\$81,000,000
82,000,000	\$82,000,000	82,000,000	\$82,000,000	82,000,000	\$82,000,000
83,000,000	\$83,000,000	83,000,000	\$83,000,000	83,000,000	\$83,000,000
84,000,000	\$84,000,000	84,000,000	\$84,000,000	84,000,000	\$84,000,000
85,000,000	\$85,000,000	85,000,000	\$85,000,000	85,000,000	\$85,000,000
86,000,000	\$86,000,000	86,000,000	\$86,000,000	86,000,000	\$86,000,000
87,000,000	\$87,000,000	87,000,000	\$87,000,000	87,000,000	\$87,000,000
88,000,000	\$88,000,000	88,000,000	\$88,000,000	88,000,000	\$88,000,000
89,000,000	\$89,000,000	89,000,000	\$89,000,000	89,000,000	\$89,000,000
90,000,000	\$90,000,000	90,000,000	\$90,000,000	90,000,000	\$90,000,000
91,000,000	\$91,000,000	91,000,000	\$91,000,000	91,000,000	\$91,000,000
92,000,000	\$92,000,000	92,000,000	\$92,000,000	92,000,000	\$92,000,000
93,000,000	\$93,000,000	93,000,000	\$93,000,000	93,000,000	\$93,000,000
94,000,000	\$94,000,000	94,000,000	\$94,000,000	94,000,000	\$94,000,000
95,000,000	\$95,000,000	95,000,000	\$95,000,000	95,000,000	\$95,000,000
96,000,000	\$96,000,000	96,000,000	\$96,000,000	96,000,000	\$96,000,000
97,000,000	\$97,000,000	97,000,000	\$97,000,000	97,000,000	\$97,000,000
98,000,000	\$98,000,000	98,000,000	\$98,000,000	98,000,000	\$98,000,000
99,000,000	\$99,000,000	99,000,000	\$99,000,000	99,000,000	\$99,000,000
100,000,000	\$100,000,000	100,000,000	\$100,000,000	100,000,000	\$100,000,000

### Size of Establishments

In view of the tendency towards concentration in industrial enterprises a series of tables has been prepared presenting in a threefold way the size of establishments in the Cordage, rope and twine industry measured by (a) capital investment, (b) gross value of production and (c) employment, all within certain specified groups or limitations for the calendar years 1926 and 1927. The tables further indicate the movement in capital, production and employment within the industry.

Table 2. Size of Establishments, measured by Capital investment, gross value of production and employment, 1926 and 1927.

(a) Groups of Establishments having a capital investment of	1926			1927		
	Establishments No.	Total Capital \$	Average capital per establishment \$	Establishments No.	Total Capital \$	Average Capital per establishment \$
Under \$100,000	4	189,385	47,346	6	292,441	48,740
\$100,000 to under \$500,000	2	635,856	317,928	3	795,085	265,028
\$500,000 and over	5	14,854,328	2,970,865	5	13,302,694	2,760,539
Totals	11	15,679,569	1,425,415	14	14,890,220	1,063,587
(b) Groups of Establishments having a gross value of production of	1926			1927		
	Establishments No.	Total Gross Value of Production \$	Average gross value per establishment \$	Establishments No.	Total Gross value of Production \$	Average gross value per establishment \$
Under \$100,000	4	168,489	42,122	7	315,126	45,018
\$100,000 to under \$500,000	2	543,856	271,928	2	577,292	288,646
\$500,000 and over	5	9,862,337	1,972,467	5	9,935,000	1,987,000
Totals	11	10,574,682	961,335	14	10,827,418	773,387
(c) Groups of Establishments employing	1926			1927		
	Establishments No.	Total Employees No.	Average employees per establishment No.	Establishments No.	Total Employees No.	Average employees per establishment No.
Less than 20 persons	3	25	8.3	6	65	10.9
20 but under 100	3	134	44.6	3	148	49.3
100 persons and over	5	1,355	271.0	5	1,227	245.4
Total	11	1,514	137.6	14	1,440	102.9





THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1927.

PRODUCTION

The quantity and value of the products of the industry during the calendar year 1927 is shown by provinces in Table 3. To avoid disclosure of information concerning the operations of individual establishments, statistics for the provinces of Nova Scotia, Quebec and British Columbia have been combined and are shown throughout this report as "Other provinces". The total value of production in 1926 was \$10,574,682 whilst for the period covered by this report the amount recorded was \$10,827,418 or an increase in the value of production of \$252,736 or 2.4 per cent.

Table 3.- Production by provinces, 1927.

Principal Products	Unit of Measure.	CANADA		ONTARIO		QUEBEC		OTHER PROVINCES x	
		Quantity	Value \$	quantity	Value \$	quantity	Value \$	Quantity	Value \$
Binder twine:- All manila	Pounds	1,766,150	274,797	1,766,150	274,797	-	-	-	-
Chiefly manila	"	2,640,961	336,871	1,669,000	216,157	714,800	89,350	257,161	31,364
All sisal	"	2,639,600	332,316	2,622,150	330,391	15,450	1,700	2,000	225
Chiefly sisal	"	48,831,915	5,831,509	47,786,915	5,711,334	1,045,000	120,175	-	-
All other	"	5,818,350	742,011	5,794,350	738,291	-	-	24,000	3,720
Twines for sale:- All flax	"	10,206	6,206	10,206	6,206	-	-	-	-
All hemp	"	597,319	169,179	436,179	135,576	18,140	4,082	143,000	29,521
All cotton	"	182,769	79,692	83,625	36,744	99,144	42,948	-	-
All jute	"	2,130,140	348,483	721,730	122,032	1,401,017	225,564	7,393	887
All sisal	"	331,431	50,200	331,431	50,200	-	-	-	-
All other	"	-	4,101	-	551	-	3,550	-	-
Rope:- Manila	Pounds	8,224,002	1,687,375	2,508,203	574,378	2,717,075	516,244	2,998,724	596,753
Sisal	"	2,966,762	452,356	971,509	150,584	1,054,100	141,776	941,153	159,996
Jute	"	548,685	95,159	523,385	91,592	25,300	3,567	-	-
All other	"	1,558,931	272,290	1,016,245	178,206	41,500	9,234	501,186	84,850
Aero cordage	M ft.	3,753,812	71,322	-	-	3,753,812	71,322	-	-
Hemp yarns for sale	Pounds	301,142	51,194	-	-	-	-	301,142	51,194
All other products	"	-	22,357	-	21,472	-	-	-	885
T O T A L S	-	-	10,827,418	-	8,638,511	-	1,229,512	-	959,395

x Includes Nova Scotia 1, Manitoba 1, British Columbia 1.

Name		Address		City		State		Country	
Mr. J. H. Smith		123 Main St.		New York		New York		U.S.A.	
Mrs. A. B. Jones		456 Elm St.		Los Angeles		California		U.S.A.	
Mr. C. D. Brown		789 Oak St.		Chicago		Illinois		U.S.A.	
Mr. E. F. Green		101 Pine St.		San Francisco		California		U.S.A.	
Mr. G. H. White		202 Cedar St.		Boston		Massachusetts		U.S.A.	
Mr. I. J. Black		303 Birch St.		Philadelphia		Pennsylvania		U.S.A.	
Mr. K. L. Gray		404 Spruce St.		Seattle		Washington		U.S.A.	
Mr. M. N. Hall		505 Ash St.		Portland		Maine		U.S.A.	
Mr. O. P. King		606 Willow St.		Denver		Colorado		U.S.A.	
Mr. Q. R. Lee		707 Hickory St.		Austin		Texas		U.S.A.	
Mr. S. T. Young		808 Magnolia St.		Houston		Texas		U.S.A.	
Mr. U. V. Wright		909 Sycamore St.		San Antonio		Texas		U.S.A.	
Mr. W. X. Scott		1010 Dogwood St.		Dallas		Texas		U.S.A.	
Mr. Y. Z. Adams		1111 Redwood St.		Fort Worth		Texas		U.S.A.	
Mr. A. B. Baker		1212 Cypress St.		El Paso		Texas		U.S.A.	
Mr. C. D. Carter		1313 Juniper St.		Phoenix		Arizona		U.S.A.	
Mr. E. F. Evans		1414 Laurel St.		Tucson		Arizona		U.S.A.	
Mr. G. H. Fisher		1515 Maple St.		Albuquerque		New Mexico		U.S.A.	
Mr. I. J. Gibson		1616 Oak St.		Santa Fe		New Mexico		U.S.A.	
Mr. K. L. Hall		1717 Pine St.		Las Vegas		Nevada		U.S.A.	
Mr. M. N. Hill		1818 Spruce St.		Reno		Nevada		U.S.A.	
Mr. O. P. King		1919 Birch St.		Spokane		Washington		U.S.A.	
Mr. Q. R. Lee		2020 Cedar St.		Tacoma		Washington		U.S.A.	
Mr. S. T. Young		2121 Ash St.		Olympia		Washington		U.S.A.	
Mr. U. V. Wright		2222 Willow St.		Seattle		Washington		U.S.A.	
Mr. W. X. Scott		2323 Hickory St.		Everett		Washington		U.S.A.	
Mr. Y. Z. Adams		2424 Magnolia St.		Edmonds		Washington		U.S.A.	
Mr. A. B. Baker		2525 Dogwood St.		Lynnwood		Washington		U.S.A.	
Mr. C. D. Carter		2626 Cypress St.		Burien		Washington		U.S.A.	
Mr. E. F. Evans		2727 Juniper St.		Duwamish		Washington		U.S.A.	
Mr. G. H. Fisher		2828 Laurel St.		West Seattle		Washington		U.S.A.	
Mr. I. J. Gibson		2929 Maple St.		Alki		Washington		U.S.A.	
Mr. K. L. Hall		3030 Oak St.		Downtown		Washington		U.S.A.	



CAPITAL INVESTMENT

Capital investment in the industry as presented in table 4 shows a decline of 1,349 when compared with the 1926 totals, due to a shortening in the volume of stocks of materials and finished products on hand and also of commercial paper carried. The total investment fell from \$15,679,569 to \$14,890,220 in 1927 whilst the reduction in stocks, etc., above stated totalled \$980,156. There was, on the other hand, an increase in fixed capital of \$190,807 accounted for by an increase of three in the number of establishments reporting. Of the total investment, the province of Ontario provided 84.63 per cent, Quebec 7.27 per cent and the remaining provinces 8.10 per cent.

Table 4. - Capital investment by provinces, 1927

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, stocks in process, etc.	Cash, trading and operating accounts, etc.	
	\$	\$	\$	\$
CANADA	5,965,331	5,401,592	3,523,297	14,890,220
Ontario	4,854,519	4,478,478	3,268,428	12,601,425
Quebec	481,881	465,525	134,600	1,082,006
Other provinces	628,931	457,589	120,269	1,206,789

EMPLOYEES, SALARIES AND WAGES

The total number of persons employed in the industry during the years 1926 and 1927 is given in Table 5 by (a) classes of employment (b) sex and (c) salary and wage payments. The total number of employees in all classes fell from 1,514 in 1926 to 1,440 in 1927, a decrease of 74 or 4.9 per cent. The payroll also showed a corresponding decrease, the total in 1926 being \$1,591,125 whilst for the period covered by this report the amount was \$1,558,987, a decrease of \$32,138 or approximately 2 per cent.

Table 5. - Employees, Salaries and Wages, 1926 and 1927

Classes of employment	1926			1927		
	Male	Female	Sal. & Wages	Male	Female	Sal. & Wages
	No.	No.	\$	No.	No.	\$
Employees on salaries	89	28	253,092	82	24	287,321
Employees on wages (average number)	1,051	346	1,338,033	958	376	1,271,666
TOTALS	1,140	374	1,591,125	1,040	400	1,558,987

OTHER EMPLOYMENT STATISTICS

The number of days the factories were in operation during the calendar year 1927 together with the number of hours per day and per week normally worked by wage-earners is shown in Table 6. The number of wage earners employed during the same period is given by sex and by months in Table 7. Employment reached its maximum in November with a total of 1,410 whilst the minimum number reported was 1,271 in the month of September.

Table 6. - Days in operation and hours worked, 1927

Number of establishments in operation	14	
	Total	Average
Number of days in operation on full time	3,891	277.93
Number of days in operation on part time	289	20.64
Number of days idle	76	5.43
Number of hours worked by wage earners per day or shift	132	9.43
Number of hours worked by wage earners per week	727	51.93

Table 7. - Wage-earners by months, 1927

Month	Male No.	Female No.	Month	Male No.	Female No.
January	941	346	July	920	367
February	969	358	August	928	369
March	985	366	September	888	383
April	985	358	October	975	392
May	950	363	November	1,018	392
June	931	371	December	930	380
Average number employed during year			Total	11,420	4,445
				958	376

General Information

1. Name of the person or organization: [illegible]  
2. Address: [illegible]  
3. City: [illegible]  
4. State: [illegible]  
5. Zip: [illegible]  
6. Date: [illegible]



7. Purpose of the visit: [illegible]  
8. Name of the person to be visited: [illegible]  
9. Date of the visit: [illegible]

10. Name of the person who made the visit: [illegible]  
11. Address of the person who made the visit: [illegible]  
12. City: [illegible]  
13. State: [illegible]  
14. Zip: [illegible]

15. Name of the person who received the visit: [illegible]  
16. Address of the person who received the visit: [illegible]  
17. City: [illegible]  
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41. Address of the person who made the visit: [illegible]  
42. City: [illegible]  
43. State: [illegible]  
44. Zip: [illegible]



THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1927.

MATERIALS USED

The quantity and cost value of the principal materials used in the industry during the calendar year 1927 is given by provinces in Table 8. The total cost fell from \$7,566,817 in 1926 to \$6,499,649 in 1927, a decrease of \$1,067,168. The most important item was sisal hemp, the cost of which was \$2,795,093, next in order was African and other hemp with \$2,033,837 and third place was taken by manila hemp with \$1,535,814.

Table 8. - Materials Used by Provinces, 1927.

Principal Materials used	Unit of Measure	CANADA		ONTARIO		QUEBEC		OTHER PROVINCES x	
		Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
<u>Hard fibres:-</u>									
Manila hemp	Pound	10,608,548	1,535,814	5,280,284	757,441	2,652,897	391,692	2,615,367	336,681
New Zealand hemp	"	3,964,723	329,018	3,239,548	270,299	282,510	23,872	442,665	34,847
African and other hemp	"	19,965,063	2,033,837	18,023,767	1,837,933	1,103,550	111,679	837,746	84,225
Sisal hemp	"	32,490,479	2,795,093	31,262,049	2,694,874	640,369	50,654	588,061	49,565
<u>Soft fibres:-</u>									
Hemp and hemp tow	"	484,450	50,559	451,650	47,443	32,800	3,116	-	-
Flax and flax tow	"	10,922	2,403	10,922	2,403	-	-	-	-
Jute	"	655,770	50,860	376,170	23,599	279,600	27,261	-	-
Other fibres and yarns	"	1,228,828	34,991	178,828	24,991	-	-	1,050,000	10,000
<u>Yarns purchased:-</u>									
Flax, hemp and jute	"	1,866,883	211,323	755,225	94,586	1,104,226	115,943	7,432	794
Cotton	"	226,649	58,501	83,632	20,785	143,017	37,716	-	-
<u>Oils</u>									
		10,621,459	190,389	9,448,986	163,763	653,645	14,708	518,828	11,918
<u>All other materials (value only)</u>									
		-	206,861	-	187,462	-	8,856	-	10,543
<b>TOTALS</b>		-	7,499,649	-	6,125,579	-	785,497	-	588,373

x Includes Nova Scotia l, Manitoba l, and British Columbia l.



Date	Place	Time	Wind	Clouds	Temp	Barom	Remarks
Jan 1	New York	10:00	S 10	B 10	45	30.0	Clear
Jan 2	New York	11:00	S 15	B 15	46	30.1	Clear
Jan 3	New York	12:00	S 20	B 20	47	30.2	Clear
Jan 4	New York	13:00	S 25	B 25	48	30.3	Clear
Jan 5	New York	14:00	S 30	B 30	49	30.4	Clear
Jan 6	New York	15:00	S 35	B 35	50	30.5	Clear
Jan 7	New York	16:00	S 40	B 40	51	30.6	Clear
Jan 8	New York	17:00	S 45	B 45	52	30.7	Clear
Jan 9	New York	18:00	S 50	B 50	53	30.8	Clear
Jan 10	New York	19:00	S 55	B 55	54	30.9	Clear
Jan 11	New York	20:00	S 60	B 60	55	31.0	Clear
Jan 12	New York	21:00	S 65	B 65	56	31.1	Clear

THE CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1927.

FUEL STATISTICS

The quantity and value of the various kinds of fuel consumed in the industry during the calendar year 1927 is shown in Table 9. The total expenditure for all fuel fell from \$49,425 in 1926 to \$31,186 in 1927, a decrease of \$18,239 in the two-year period. Bituminous coal was accountable for nearly 99 per cent of the total fuel cost. The cost of electric power amounted to \$108,188 in 1927 as compared with a total cost of \$106,509 in 1926.

Table 9. Fuel Consumption, 1927.

Kinds of fuel	Unit of Measure	Quantity	Cost Value \$
Bituminous coal	ton	5,881	30,846
Other fuel	ton	-	340
T O T A L	-	-	31,186

POWER INSTALLATION

The power equipment of the industry for the calendar year 1927 is shown in Table 10 by (a) classes of power, (b) number of units in each class and (c) the horse power capacity according to manufacturers' rating. The total power installed in 1926 was 199 units with a capacity of 7,792 horse power. The number of units in the year 1927 was 229 with a development of 7,807 horse power, being an increase of 30 units and 15 horse power.

The number of boilers installed for all purposes was 12 with a boiler horse power capacity of 1,883.

Table 10. - Power equipment, 1927.

Classes of power	Number of units	Horse power capacity
Steam engines and turbines	1	200
Oil, gas and gasoline engines	1	2
Hydraulic turbines or water wheels	1	165
Total primary power	3	367
Electric motors operated by purchased power	226	7,440
Total power used in manufacturing	229	7,807

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# CORDAGE, ROPE AND TWINE INDUSTRY IN CANADA, 1927.

## IMPORTS AND EXPORTS

The quantity and value of raw, partly manufactured materials and finished products imported into Canada during the calendar year 1927, is shown in Table 11, by principal countries. Of the value of imports of raw materials over 90 per cent came from the United States and 9.5 per cent from other countries. The total value of all imports was \$9,843,450 of which raw materials represented \$6,295,278, partly manufactured materials \$540,596 and wholly manufactured articles \$3,307,576.

Table 11. - Imports into Canada for consumption, 1927.

Articles imported	Unit of Measure	UNITED KINGDOM		UNITED STATES		OTHER COUNTRIES	
		Quantity	Value	Quantity	Value	Quantity	Value
<u>Raw Materials:-</u> Fibrilla, flax fibre and flax tow	cwt.	1	8	11,877	43,314	2,483	24,660
Hemp, dressed or undressed	"	-	-	84,806	998,046	2,989	28,434
Jute, and jute butts	"	27	70	5,448	34,043	-	-
Fibre, Mexican, istle or tampico	"	196	2,268	1,260	23,748	1,198	18,990
Manila grass	"	555	4,444	21,305	269,503	10,171	123,745
Sisal grass	"	1,924	19,752	527,282	4,302,744	43,046	401,509
<u>Partly Manufactured Materials:-</u> Jute or hemp yarn	lb.	3,264,593	336,113	813,568	141,894	232,608	52,589
<u>Manufactured Articles:-</u> Sail twine of hemp or flax	"	406	285	45	16	2,000	581
Binder twine	"	454,900	55,633	6,912,300	866,217	12,074,200	1,370,055
Fishing lines, n.o.p.	-	-	11,010	-	42,886	-	593
Twines and cordage, all kinds							
n.o.p.	lb.	1,919,641	312,006	406,859	97,481	136,524	20,180
Twines, n.o.p.	-	-	38,674	-	15,072	-	287
Cordage cotton, all kinds	lb.	252,725	68,483	252,877	104,880	11,491	3,237
T O T A L S		-	858,746	-	6,939,844	-	2,044,860

The quantity and value of partly manufactured materials and finished products of the industry exported during the calendar year 1927, is given by principal countries in Table 12. The value of exports of Canadian produce increased from \$1,222,213 in 1926 to \$2,763,675 in 1927 or over 126 per cent. Russia was the destination of 114,934 cwt. in 1927 as compared with an export in 1926 of 16,600 cwt.

Table 12. - Exports by principal countries, 1927.

Articles exported	Unit of Measure	UNITED KINGDOM		UNITED STATES		OTHER COUNTRIES	
		Quantity	Value	Quantity	Value	Quantity	Value
<u>Partly Manufactured Materials:-</u> Flax fibre and flax tow	cwt.	2	35	2,459	15,101	874	17,500
<u>Manufactured Articles:-</u> Binder twine	"	1,120	11,983	70,545	838,388	161,402	1,734,331
Cordage, rope and twine	"	-	17,497	-	4,620	-	124,220
T O T A L S		-	29,515	-	858,109	-	1,876,051





CONSUMPTION

The approximate consumption of binder twine in Canada during the calendar years 1925, 1926 and 1927 is given in Table 13.

Table 13. Consumption of binder twine in Canada 1925, 1926 and 1927.

	1925		1926		1927	
	Quantity Cwt.	Value \$	Quantity Cwt.	Value \$	Quantity Cwt.	Value \$
Production	482,247	5,805,011	584,311	7,611,098	616,730	7,513,784
Imports	473,865	6,671,823	283,191	4,127,978	194,414	2,291,905
Total	956,112	12,476,834	867,502	11,739,076	811,144	9,805,689
Exports	95,477	1,200,621	84,634	1,056,166	233,067	2,584,702
Available for consumption	860,635	11,276,213	782,868	10,682,910	578,077	7,220,987

APPENDIX

Cordage, Rope and Twine Manufacturers Operating in Canada, 1927.

Name of firm	Location	Products made
Consumers' Cordage Company	Wyse Road, Dartmouth, N.S.	Binder twine, rope
Brantford Cordage Company	111 Brant St., Brantford, Ont.	Binder twine
Doon Twines Limited	33-49 South Street, Kitchener Ontario	Binder twine rope, twines.
Huron Cordage Co. Ltd.	Brantford, Ont.	Binder twine.
Plymouth Cordage Co.	Main Street, Welland, Ont.	Binder twine. rope, twines.
International Harvester Co. of Canada, Ltd.	Sherman Ave. W., Hamilton, Ont.	Binder twine.
Derrett Ltd.	1080 Bloor St. W., Toronto, Ont.	Twine.
M. L. Patterson	203 Hardisty St. Ft. William, Ont.	Fishnets
Aero Manufacturing Co. Ltd.	Main St., Lennoxville, Que.	Cordage.
Consumers' Cordage Co. Ltd.	287 St. Patrick St., Montreal, Que.	Binder twine, rope, twines.
Samson Cordage Works of Canada, Ltd.	Sherbrooke, Que.	Cordage.
Canada Western Cordage Co. Ltd.	Braid St., New Westminster, B.C.	Binder twine, rope.
Turner Manufacturing Co.	199 Victoria St. Sherbrooke, Que.	Cordage.
Manitoba Cordage Co. Ltd.	Portage la Prairie, Manitoba	Rope and twines.



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