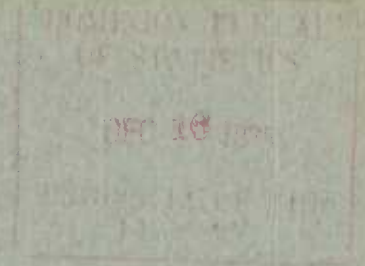


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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**  
**MINING, METALLURGICAL & CHEMICAL BRANCH**

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**THE WIRE AND WIRE GOODS INDUSTRY**  
**IN**  
**CANADA**  
**1934**

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Published by Authority of the HON. W.D. EULER, M.P.,  
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DEPARTMENT OF TRADE AND COMMERCE  
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OTTAWA - CANADA

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IRON AND STEEL AND THEIR PRODUCTS

THE WIRE AND WIRE GOODS INDUSTRY, 1934.

This report presents statistics for the Wire and Wire Goods Industry which is a part of the iron and steel group and covers all establishments in Canada that were engaged chiefly in drawing iron and steel wire or in fabricating products from wire of iron or steel.

In 1934, there were 69 factories in this industry distributed by provinces as follows:- Ontario, 41; Quebec, 15; British Columbia, 9; New Brunswick, 2; Nova Scotia, 1; and Manitoba, 1. In 1933 a total of 72 establishments reported in this group.

The average number of employees in 1934 was 3,163 of which 2,011 worked in plants in Ontario and 736 in Quebec. The 459 salaried employees were paid \$835,826 during the year and the 2,704 wage-earners were paid \$2,436,914, a total of \$3,272,740 for salaries and wages. In 1933 the number of employees was 2,724 and salaries and wages amounted to \$2,678,413.

Capital employed in 1934 was reported at \$28,818,082 of which \$20,784,398 represented the present value of lands, buildings and machinery, and \$8,033,684 the value of working capital such as inventories, cash, bills and accounts receivable, etc. Nearly 64 per cent of this investment was in establishments in Ontario. In the previous year, 1933, the capital employed was given at \$28,667,338.

Factory sales in 1934 were valued at \$14,684,561 including plain and galvanized wire, barbed wire, wire fencing, wire nails, screws, wire cloth, wire rope, bale ties and such commodities. In 1933 the factory sales were reported at \$10,511,900 and in 1932 at \$10,407,213.

The 14 wire-drawing plants which operated in 1934 employed 2,174 workers to make goods valued at \$10,368,401, and the 55 establishments which were engaged only in fabricating wire goods employed 989 persons and made products worth \$4,316,180.

Imports of wire and wire goods of iron and steel amounted to \$2,230,081 in 1934, and exports were appraised at \$2,610,106.

Table 1 - PRINCIPAL STATISTICS OF THE WIRE AND WIRE GOODS INDUSTRY, 1921 - 1934.

Years	No. of plants	Capital employed \$	Average number of em- ployees	Salaries and wages \$	Cost of purchased materials at works \$	Selling value of products at works \$	Value added by manu- facturing \$
1921 .....	44	17,009,872	2,988	3,215,234	7,455,336	14,784,891	7,329,555
1922 .....	48	17,327,775	3,128	3,324,279	9,112,850	15,616,454	6,503,604
1923 .....	48	18,388,722	3,313	3,782,605	10,722,141	19,991,525	9,269,384
1924 .....	47	23,770,829	2,873	3,230,145	5,378,744	14,655,256	9,276,512
1925 .....	52	19,015,655	2,996	3,451,405	7,329,688	16,223,924	8,894,236
1926 .....	61	19,006,922	3,178	3,639,680	8,041,073	17,247,434	9,206,361
1927 .....	58	23,595,273	3,154	3,736,677	7,453,352	16,725,865	9,272,513
1928 .....	61	24,561,246	3,439	4,036,196	7,556,991	18,847,346	11,290,355
1929 .....	60	37,528,215	4,190	5,094,656	9,777,818	21,647,273	11,869,455
1930 .....	65	34,944,992	3,831	4,826,768	7,007,308	18,200,058	11,192,750
1931 .....	67	28,665,440	3,417	3,761,808	5,291,121	14,191,850	8,900,729
1932 .....	71	26,593,675	2,923	2,913,312	3,591,238	10,407,213	6,815,975
1933 .....	72	28,667,338	2,724	2,678,413	3,332,040	10,511,900	7,179,860
1934 .....	69	28,818,082	3,163	3,272,740	4,526,426	14,684,561	10,158,135

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1933 and 1934.

Years	No. of plants	Capital employed \$	Average number of em- ployees	Salaries and wages \$	Cost of purchased materials at works \$	Selling value of products at works \$	Value added by manu- facturing \$
<u>1933</u>							
Wire-drawing plants	15	22,970,877	1,911	1,849,047	1,980,895	7,551,014	5,570,119
Fabricating plants only .....	57	5,696,461	813	829,366	1,251,145	2,960,886	1,609,741
TOTAL .....	72	28,667,338	2,724	2,678,413	3,232,040	10,511,900	7,179,860
<u>1934</u>							
Wire-drawing plants	14	22,911,390	2,174	2,213,272	2,589,869	10,368,401	7,778,532
Fabricating plants only .....	55	5,906,692	989	1,059,468	1,936,557	4,316,160	2,379,603
TOTAL .....	69	28,818,082	3,163	3,272,740	4,526,426	14,684,561	10,158,135

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1933 and 1934.

Years	No. of plants	Capital employed \$	Average number of em- ployees	Salaries and wages \$	Cost of purchased materials at works \$	Selling value of products at works \$	Value added by manu- facturing \$
<u>1933</u>							
Quebec .....	14	7,904,129	662	592,962	592,675	2,810,353	2,217,678
Ontario .....	46	17,210,919	1,768	1,754,609	2,065,144	5,813,789	3,748,645
British Columbia ..	8	1,207,803	103	123,918	364,662	651,150	286,488
Other provinces(x) ..	4	2,344,487	191	206,924	309,559	1,236,608	927,049
CANADA .....	72	28,667,338	2,724	2,678,413	3,332,040	10,511,900	7,179,860
<u>1934</u>							
Quebec .....	15	8,219,653	736	713,327	854,705	4,016,012	3,161,307
Ontario .....	41	18,381,567	2,011	2,071,936	2,631,027	7,608,549	4,977,522
British Columbia ..	9	1,159,415	117	146,983	528,920	899,402	370,482
Other provinces(x) ..	4	1,057,447	299	340,494	511,774	2,160,598	1,648,824
CANADA .....	69	28,818,082	3,163	3,272,740	4,526,426	14,684,561	10,158,135

(x) Includes data for 2 firms in New Brunswick, 1 in Nova Scotia, and 1 in Manitoba.



Table 4 - CAPITAL EMPLOYED, BY PROVINCES, 1933 and 1934.

Provinces	Present value of lands, buildings, machinery and tools	Inventory value of materials on hand, stocks in process and supplies on hand	Inventory value of finished products on hand	Operating capital (cash, bills and accounts receiv- able, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$	\$
<u>1933</u>					
Quebec .....	5,716,879	651,574	727,840	807,836	7,904,129
Ontario .....	13,241,595	1,329,086	625,353	2,014,885	17,210,919
British Columbia	556,521	166,941	129,955	354,386	1,207,803
Other provinces.	916,278	630,721	201,527	595,961	2,344,487
CANADA .....	20,431,273	2,778,322	1,684,675	3,773,068	28,667,338
<u>1934</u>					
Quebec .....	6,040,592	369,870	1,046,964	762,227	8,219,653
Ontario .....	13,359,959	725,746	1,400,432	2,895,430	18,381,567
British Columbia	491,298	225,669	151,695	290,753	1,159,415
Other provinces.	892,549	47,092	48,858	68,948	1,057,447
CANADA .....	20,784,398	1,368,377	2,647,949	4,017,358	28,818,082

Table 5 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED, 1934.

	Number of plants	Capital employed \$	Number of employees	Selling value of products at works \$
<u>(a) PRODUCTION</u>				
Under \$5,000 .....	13	47,608	31	35,234
\$5,000 to \$10,000 .....	11	75,499	41	80,523
\$10,001 to \$25,000 .....	8	243,230	55	158,441
\$25,001 to \$50,000 .....	6	524,414	84	221,959
\$50,001 to \$100,000 .....	3	459,706	84	202,638
\$100,001 to \$250,000 .....	11	7,426,345	306	1,657,630
\$250,001 to \$500,000 .....	9	4,060,158	563	3,195,099
Over \$500,000 .....	8	15,981,122	1,999	9,133,037
TOTAL .....	69	28,818,082	3,163	14,684,561
<u>(b) EMPLOYEES</u>				
1 or 2 .....	12	47,049	17	143,835
3 to 10 .....	22	398,601	114	325,469
11 to 20 .....	9	1,394,151	137	743,242
21 to 50 .....	12	8,369,872	456	2,201,870
51 to 100 .....	7	3,232,108	534	2,685,893
101 to 200 .....	1	3,325,000	146	1,255,851
Over 200 .....	6	12,051,301	1,759	7,328,401
TOTAL .....	69	28,818,082	3,163	14,684,561
<u>(c) CAPITAL</u>				
Under \$25,000 .....	32	229,755	115	388,570
\$25,000 to \$100,000 .....	8	484,640	128	476,929
\$100,001 to \$500,000 .....	16	4,713,599	620	3,150,458
\$500,001 to \$1,000,000 .....	8	5,417,575	982	4,989,145
Over \$1,000,000 .....	5	17,972,513	1,318	5,678,985
TOTAL .....	69	28,818,082	3,163	14,684,561

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1933 and 1934.

Provinces	AVERAGE NUMBER OF EMPLOYEES					Salaries \$	Wages \$	TOTAL
	On salaries		On wages		TOTAL			SALARIES
	Male	Female	Male	Female				AND WAGES \$
<u>1933</u>								
Quebec .....	81	18	517	46	662	195,162	397,800	592,962
Ontario .....	233	79	1,326	130	1,768	600,870	1,153,739	1,754,609
British Columbia.	18	4	81	...	103	43,979	79,939	123,918
Other provinces .	14	3	174	...	191	24,061	182,863	206,924
CANADA .....	346	104	2,098	176	2,724	864,072	1,814,341	2,678,413
<u>1934</u>								
Quebec .....	82	19	571	64	736	187,578	525,749	713,327
Ontario .....	228	86	1,540	157	2,011	573,656	1,498,280	2,071,936
British Columbia.	22	4	91	...	117	48,395	98,588	146,983
Other provinces .	16	2	281	...	299	26,197	314,297	340,494
CANADA .....	348	111	2,483	221	3,163	835,826	2,436,914	3,272,740

Table 7 - WAGE-EARNERS, BY MONTHS, 1933 and 1934. (On the 15th of each month or the nearest representative date)

Months	1933			1934		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	1,789	155	1,944	2,264	208	2,472
February .....	1,915	157	2,072	2,426	216	2,642
March .....	2,020	162	2,182	2,530	235	2,765
April .....	1,963	160	2,123	2,556	269	2,825
May .....	2,126	177	2,303	2,687	254	2,941
June .....	2,098	179	2,277	2,588	217	2,805
July .....	2,274	184	2,458	2,493	201	2,694
August .....	2,185	177	2,362	2,413	206	2,619
September .....	2,161	168	2,329	2,455	205	2,660
October .....	2,227	176	2,403	2,497	206	2,703
November .....	2,303	183	2,486	2,551	204	2,755
December .....	2,094	192	2,286	2,314	212	2,526
AVERAGE .....	2,098	176	2,274	2,483	221	2,704

Table 8 - FUEL AND ELECTRICITY USED, 1933 and 1934.

Kinds	Unit of measure	1933		1934	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Bituminous coal - Canadian ..	short tons	7,638	39,887	10,404	51,956
Imported ..	short tons	17,257	89,512	20,428	113,406
Anthracite coal .....	short tons	250	2,356	254	2,519
Coke .....	short tons	6,900	28,588	6,874	26,497
Gasoline .....	Imp. gal.	3,141	845	1,420	420
Kerosene .....	Imp. gal.	567	108	1,103	219
Fuel oil .....	Imp. gal.	86,270	5,978	96,421	7,227
Wood .....	cords	316	1,352	363	1,468
Gas - Manufactured (x) .....	M cu.ft.	168,608	32,461	285,347	48,004
Natural .....	M cu.ft.	17,437	8,248	19,463	8,945
Other fuel .....	xxx	...	...	...	600
Electricity purchased .....	K.W.H.	20,844,376	224,780	24,679,365	259,372
TOTAL .....	xxx	...	434,115	...	520,633

(x) Includes some gas delivered to the wire mills from the companies own coke ovens.



Table 9 - POWER EQUIPMENT, 1933 and 1934.

	1	9	3	3	1	9	3	4
	Number of		Total rated		Number of		Total rated	
	units		horse power		units		horse power	
Steam engines and turbines .....	5		324		8		400	
Gasoline, gas and oil engines .....	2		42		2		42	
Total Primary Equipment .....	7		366		10		442	
Electric motors run by purchased power .	943		16,845		997		17,321	
TOTAL .....	950		17,211		1,007		17,763	
Electric motors run by power generated by the establishment .....	24		461		27		631	
Total Electric Motors .....	967		17,306		1,024		17,952	
Boilers .....	33		4,100		38		5,165	

Table 10- MATERIALS USED IN MANUFACTURING, 1934.

Materials	Unit of measure	Materials made in producers' own works	Purchased Materials	
			Quantity	Cost at works \$
Iron and steel --				
Bars .....	short ton	340	502	26,414
Wire rods .....	short ton	109,178	45,577	1,433,675
Wire - plain .....	short ton	93,850	6,137	628,394
Galvanized .....	short ton	23,631	6,150	591,112
Other .....	short ton	1,278	1,586	273,254
Nail plate .....	lb.	987,297	27,874	1,209
Tack plate .....	lb.	1,281,375	1,327,420	38,049
Other iron and steel .....	xx	...	...	219,758
Other metals --				
Copper bars, rods, sheets, etc. ...	lb.	...	515,136	59,277
Brass and bronze rods, sheets, etc.	lb.	...	729,425	100,935
Lead .....	lb.	...	306,770	12,509
Tin .....	lb.	...	90,839	42,145
Zinc .....	lb.	...	4,375,958	182,869
All other metals .....	xx	...	...	33,879
Other materials --				
Acid, muriatic, 20° Be .....	lb.	...	1,537,403	36,510
Acid, sulphuric, 66° Be .....	lb.	...	11,592,003	70,255
Lumber .....	M ft. B.M.	...	1,064	50,649
Shipping containers .....	xx	...	...	336,133
All other materials .....	xx	...	...	389,400
TOTAL .....				
	xx	...	...	4,526,426

Table 11 - PRODUCTS MANUFACTURED, 1934.

NOTE - Data for the items specified below represent the totals for Canada as well as for the wire and wire goods industry, according to returns to the Industrial Census for 1934.

Products	Unit of measure	Quantity made	Quantity sold	Income from Sales \$
<u>SECTION "A" - WIRES</u>				
(Total production, whether for sale or for further manufacture)				
Iron and Steel Wires -				
Plain wire .....	short ton	117,708	28,254	1,665,718
Galvanized wire .....	short ton	34,378	14,864	914,006
Other coated wire .....	short ton	4,193	3,475	326,746
Barbed wire .....	short ton	12,564	11,781	711,286
Cold rolled flat wire of all sizes, qualities and finishes .....	short ton	903	545	66,622
Drawn welding rods or welding wire in coils, or in cut lengths, for gas or electric welding .....	short ton	1,182	875	95,018
Wire bale ties .....	short ton	5,021	5,280	396,806
<u>SECTION "B" - NAILS, STAPLES AND TACKS</u>				
Wire nails (all wire nails, including shoe rivets and other small sizes of wire nails) .....	kegs	1,062,417	1,064,457	3,395,322
Cut nails (all cut nails, and spikes cut from plate, including special large head cut shingle nails, but not including clout nails nor other small nails commonly classed as tacks) .....	kegs	12,338	12,597	68,485
Wire staples of all kinds .....	kegs	41,659	39,844	147,316
Tacks (all cut and wire tacks, including hob nails, clout nails, trunk nails and other small cut nails, but not cut shingle nails) .....	pound	2,110,102	2,131,743	261,953
<u>SECTION "C" - WIRE FENCING AND WIRE NETTING</u>				
Woven wire farm fence .....	short ton	7,250	7,890	637,445
Woven wire lawn fence .....	short ton	450	595	68,836
Woven wire chain link fabric .....	short ton	828	968	152,768
Woven wire poultry netting and fence .....	short ton	949	949	183,243
Ornamental iron fencing .....	short ton	48	169	10,830
Steel fence posts .....	xxx	...	...	72,401
Gates .....	number	8,746	11,492	62,261
Welded or woven wire mesh, for concrete reinforcement, or purposes other than fencing .....	short ton	194	1,033	84,508
Wire cloth, including screen cloths ..	xxx	...	...	579,252
<u>SECTION "D" - WIRE GOODS</u>				
Steel wire rope or cable .....	xxx	...	...	1,818,861
Twisted strand wire (including galvanized guy wire, wire clothes lines, twisted bed strand) .....	short ton	431	440	84,544
Steel wire hoops for casks, barrels or kegs .....	short ton	1,798	840	8,793
Steel wire upholstering springs and auto cushions .....	xxx	...	...	570,584



Table 11 - PRODUCTS MANUFACTURED, 1934. (concluded)

NOTE - Data for the items specified below represent the totals for Canada as well as for the wire and wire goods industry, according to returns to the Industrial Census for 1934.

Products	Unit of measure	Quantity Made	Quantity Sold	Income from Sales
				\$
SECTION "D" - WIRE GOODS (concluded)				
Other steel wire springs (except bedsprings) : xxx		...	...	351,970
Screens other than for windows .....	xxx	...	...	68,366
Wire shapes of all kinds .....	xxx	...	...	151,836
Miscellaneous wire goods (including wire lacing, hair pins, tire braids, wire kitchenware, paper clips, wire guards, display stands, etc.).....	xxx	...	...	837,164
SECTION "E" - PRODUCTS OTHER THAN WIRE AND WIRE GOODS				
Bolts and nuts, horseshoe calks, screws, perforated metals, etc .....	xxx	...	...	891,621
TOTAL .....	xxx	...	...	14,684,561

NOTE - Preliminary figures for wire, wire nails and wire fencing were issued earlier in the year. The above data are as finally revised and in some instances are slightly different from preliminary figures.

Table 12 - PRODUCTION AND FACTORY SALES OF STEEL WIRE, 1927 - 1934.

Years	Wire, plain	Wire, galvanized	Wire, other coated	Wire, barbed
1927 - Quantity made .....	Tons 118,784	32,434	5,033	12,265
Quantity sold .....	Tons 31,977	14,932	4,667	11,173
Income from sales .....	\$ 1,997,535	1,057,641	652,148	797,837
1928 - Quantity made .....	Tons 148,815	36,833	4,701	11,631
Quantity sold .....	Tons 42,050	17,504	4,024	11,054
Income from sales .....	\$ 2,783,812	1,441,320	382,450	709,212
1929 - Quantity made .....	Tons 155,680	42,290	6,207	12,659
Quantity sold .....	Tons 39,458	22,182	5,299	10,376
Income from sales .....	\$ 2,647,578	1,832,446	512,810	700,262
1930 - Quantity made .....	Tons 148,505	47,235	4,896	8,844
Quantity sold .....	Tons 30,170	18,884	3,949	8,360
Income from sales .....	\$ 2,007,276	1,381,815	393,689	535,131
1931 - Quantity made .....	Tons 110,866	31,290	4,015	4,372
Quantity sold .....	Tons 21,278	13,172	3,439	6,233
Income from sales .....	\$ 1,446,997	853,049	305,660	376,291
1932 - Quantity made .....	Tons 86,931	26,056	3,524	8,060
Quantity sold .....	Tons 15,439	9,522	2,691	6,770
Income from sales .....	\$ 1,079,958	602,541	251,299	411,202
1933 - Quantity made .....	Tons 87,225	24,315	3,923	8,799
Quantity sold .....	Tons 15,931	9,802	3,242	8,406
Income from sales .....	\$ 1,093,654	573,849	293,817	495,578
1934 - Quantity made .....	Tons 117,708	34,378	4,193	12,564
Quantity sold .....	Tons 28,254	14,864	3,475	11,781
Income from sales .....	\$ 1,665,718	914,006	326,746	711,286

Note - Figures on quantity made include the amounts made and used in subsequent processes in the same plants such as the manufacture of nails, screws, galvanized wire, etc.

Table 13 - PRODUCTION AND FACTORY SALES OF WIRE FENCING, 1924 - 1934.

Years	Quantity Made	Quantity Sold	Income from Sales
	Tons	Tons	\$
1924 .....	27,255	25,615	2,430,933
1925 .....	30,042	29,294	2,882,843
1926 .....	28,441	28,740	2,789,145
1927 .....	23,671	22,491	2,509,444
1928 .....	27,621	27,638	2,622,377
1929 .....	29,076	28,588	2,855,427
1930 .....	27,453	24,984	2,457,446
1931 .....	17,185	17,964	1,702,771
1932 - Farm fence .....	7,787	7,898	657,385
Lawn fence .....	681	670	77,849
Chain link fabric .....	1,274	1,462	213,941
Total for 1932 .....	9,742	10,030	949,175
1933 - Farm fence (x) .....	5,510	6,045	515,604
Lawn fence .....	490	512	61,123
Chain link fabric .....	759	772	118,351
Total for 1933 .....	6,759	7,329	695,078
1934 - Farm fence .....	7,250	7,890	637,445
Lawn fence .....	450	595	68,836
Chain link fabric .....	828	968	152,768
Total for 1934 .....	8,528	9,453	859,049

(x) Includes some ornamental wire fencing.

Table 14 - PRODUCTION AND FACTORY SALES OF NAILS, TACKS AND STAPLES, 1927-1934.

Years	Wire staples	Wire nails and spikes	Wire and cut tacks	Cut nails
1927 - Quantity made ..... lb.	4,313,671	114,480,664	3,091,515	NOT AVAILABLE
Quantity sold ..... lb.	4,031,705	111,482,007	3,085,956	
Value of sales .... \$	159,374	4,019,372	393,753	
1928 - Quantity made ..... lb.	5,410,831	131,812,742	3,339,338	
Quantity sold ..... lb.	4,816,979	121,913,971	3,334,207	
Value of sales .... \$	175,322	4,153,521	405,829	
1929 - Quantity made ..... lb.	5,581,206	123,310,135	3,302,918	
Quantity sold ..... lb.	5,262,159	109,303,615	3,312,529	
Value of sales .... \$	200,768	3,833,020	413,450	
1930 - Quantity made ..... lb.	4,586,029	95,535,327	2,564,906	1,461,917
Quantity sold ..... lb.	4,556,718	96,005,481	2,513,136	1,493,217
Value of sales .... \$	175,564	3,337,002	328,284	80,924
1931 - Quantity made ..... lb.	3,675,672	79,613,265	2,184,123	...
Quantity sold ..... lb.	3,814,520	86,175,314	2,238,046	1,588,339
Value of sales .... \$	146,011	2,975,732	289,437	80,274
1932 - Quantity made ..... lb.	3,258,712	68,435,413	1,330,428	...
Quantity sold ..... lb.	3,165,437	67,363,738	1,893,956	915,356
Value of sales .... \$	117,615	2,239,121	238,656	46,564
1933 - Quantity made ..... lb.	2,939,053	74,492,131	2,081,257	...
Quantity sold ..... lb.	3,015,026	74,336,418	1,917,597	851,047
Value of sales .... \$	108,642	2,498,894	259,443	45,994
1934 - Quantity made ..... lb.	4,165,900	106,241,700	2,110,102	1,233,800
Quantity sold ..... lb.	3,984,400	106,445,700	2,131,743	1,259,700
Value of sales .... \$	147,316	3,395,322	261,953	68,485



Table 15 - PRODUCTION OF STEEL WIRE ROPE AND CABLE, 1924 - 1934.

Years	Wire rope and cable, including twisted strands, etc.	Years	Wire rope and cable	Twisted strands, clothes lines, etc.	TOTAL
	\$		\$	\$	\$
1924 .....	1,085,107	1931 ...	1,851,855	218,490	2,070,345
1925 .....	1,229,230	1932 ...	1,136,549	162,057	1,298,606
1926 .....	1,505,639	1933 ...	1,138,338	98,250	1,236,588
1927 .....	1,851,773	1934 ...	1,818,861	84,544	1,903,405
1928 .....	2,388,192				
1929 .....	2,912,002				
1930 .....	2,542,761				

Table 16 - PRODUCTION OF STEEL BALE TIES, 1927 - 1934.

Years	Quantity Made	Quantity Sold	Income from Sales
	lb.	lb.	\$
1927 .....	6,509,316	6,501,414	267,990
1928 .....	6,507,990	6,841,417	259,203
1929 .....	9,735,957	9,549,025	341,884
1930 .....	8,827,312	8,818,174	335,545
1931 .....	7,096,511	7,166,350	281,327
1932 .....	5,789,700	5,753,348	225,862
1933 .....	6,995,804	7,133,939	276,805
1934 .....	10,042,000	10,560,000	396,806

Table 17 - IMPORTS INTO CANADA AND EXPORTS OF WIRE AND WIRE GOODS, 1934.

(From "The Trade of Canada, Calendar Year 1934" published by the Dominion Bureau of Statistics at Ottawa)

Items	Quantity	Value
		\$
<u>IMPORTS</u>		
Wire of iron or steel:- barbed fencing, coated or not .... cwt.	6,244	33,071
Wire of iron or steel, coated with zinc or spelter, curved or not, in coils .144, .104 or .092 inch in diameter with tolerance not to exceed .004 inch, and not for use in telegraph or telephone lines ..... cwt.	556	1,592
Wire of iron or steel, drawn flat or cold rolled flat after drawing, coated or not, n.o.p., not more than .25 inch in width and less than .1875 inch in thickness ..... cwt.	181	3,523
Wire of iron or steel, coated with zinc or spelter, n.o.p. cwt.	10,031	24,578
Wire of iron or steel, single or several, covered with any material including cable so covered; coated, n.o.p. .... xx	...	31,801
Wire of iron or steel, twisted, braided or stranded including wire rope or cable, coated or not, n.o.p. .... xx	...	125,070
Wire of steel, flat or woven flat, including steel strip in the coil, coated or not; .064 inch in thickness or thinner with tolerance not to exceed .002 inch, for use exclusively in the manufacture of corset clasps, steels, wires and dress stays ..... cwt.	2,618	44,946
Wire of iron or steel, valued at not less than 2 $\frac{3}{4}$ cents per pound, for use exclusively in the manufacture of wire rope ..... cwt.	119,244	757,151

Table 17 - IMPORTS INTO CANADA AND EXPORTS OF WIRE AND WIRE GOODS, 1934. (continued)

Items	Quantity	Value
		\$
<u>IMPORTS - concluded</u>		
Wire of steel, single, not covered, in coils, for use exclusively in trolling in deep sea or inland commercial fishing operations .....	XX ...	2,904
Wire, steel, when imported by manufacturers of machine card clothing for use exclusively in the manufacture of machine card clothing in their own factories .....	cwt. 73	2,036
Wire of iron and steel, n.o.p. ....	cwt. 17,673	146,106
Woven or wire fencing of iron or steel, from wire not more than .144 inch and not less than .080 inch in diameter with tolerance not to exceed .004 inch; wire fencing of iron or steel, coated or not, n.o.p. ....	XX ...	7,439
Woven or welded wire fencing of iron or steel coated or not, n.o.p.; wire cloth or wire netting of iron or steel, coated or not .....	XXX ...	79,616
Woven netting of iron or steel, coated, made from wire of 17 gauge or heavier with meshes not smaller than one inch and not larger than two inches, with specially strengthened joints, when for use exclusively on fur farms .....	XX ...	51,715
Wire screens, doors and windows .....	XX ...	2,361
Tacks of all kinds .....	lb. 29,101	8,872
Wire roofing nails of all sizes and wire nails one inch or more in length, of iron and steel, coated or not. ....	cwt. 2,015	6,671
Wire nails less than one inch in length, and nails and brads, n.o.p., of iron and steel, coated or not .....	lb. 42,842	5,379
Pins, manufactured from wire of any metal, n.o.p. ....	lb. 296,414	104,400
Spring-beard and latch needles .....	M 4,568	45,180
Needles of any material or kind, n.o.p. ....	XX ...	219,878
Furniture springs .....	XX ...	8,097
Wood screws of iron and steel .....	XX ...	5,814
Machine and other screws, n.o.p., iron and steel .....	XX ...	87,638
Brass wire, n.o.p. ....	lb. 434,692	92,458
Wire cloth or woven wire of brass, n.o.p. ....	XX ...	34,135
Copper wire, n.o.p. ....	lb. 72,515	18,011
Copper wire cloth or woven wire of copper .....	XX ...	1,803
Wire of brass, zinc, iron or steel, screwed or twisted, flattened or corrugated, for use in connection with nailing machines to manufacture boots and shoes .....	lb. 10,835	1,368
Wire, single or several, covered with any material including cable so covered, n.o.p. ....	XX ...	103,517
Wire, tinsel, for the manufacture of braids, cords, tassels, ribbons or trimmings .....	XX ...	15,142
Wire, twisted, braided or stranded, including wire rope and wire cable, coated or not, n.o.p. ....	XX ...	17,357
Wire of all kinds, n.o.p. ....	XX ...	111,334
Nails and tacks, brass and copper .....	XX ...	1,934
Screws, wood, machine or other, of brass, copper or other metal, n.o.p. ....	XX ...	11,848
Cages, bird, squirrel and rat, of wire and metal parts, thereof .....	XX ...	15,336
TOTAL IMPORTS OF WIRE AND WIRE GOODS .....	XX ...	2,230,081



Table 16 - IMPORTS INTO CANADA AND EXPORTS OF WIRE AND WIRE GOODS, 1934. (concluded)

Items	Quantity	Value
		\$
<u>EXPORTS</u>		
Wire, barbed, of iron and steel .....	cwt. 68,224	187,641
Wire, woven fencing, of iron and steel .....	XX ...	46,933
Wire, other, of iron and steel, n.o.p. ....	XX ...	586,280
Nails, wire .....	cwt. 250,834	672,568
Nails, brads, spikes and tacks of iron and steel, of all kinds, n.o.p. ....	cwt. 25,724	123,572
Needles and pins of all kinds .....	XX ...	669,429
Copper wire and cable, insulated .....	XX ...	323,683
TOTAL EXPORTS OF WIRE AND WIRE GOODS .....	XX ...	2,610,106

DIRECTORY OF FIRMS IN THE WIRE AND WIRE GOODS INDUSTRY IN CANADA, 1934.

NOTE - This is not intended to be a complete list of concerns which manufacture wire and wire goods in Canada but is merely a list of the firms which the Bureau has classified to the Wire and Wire Goods Industry. This industry includes only the plants that manufactured wire or wire goods of iron or steel as their chief products. Producers of copper wire and cable for electrical purposes have been classified to the Electrical Apparatus and Supplies Industry.

Names of Firms

Location of Plants

NOVA SCOTIA -

(x) Dominion Steel and Coal Corp. Ltd. Sydney

NEW BRUNSWICK -

New Brunswick Wire Fence Co. Ltd. 402 Main St., Moncton

(x) Dominion Steel and Coal Corp. Ltd.  
(James Pender & Co. Ltd.) 320 Charlotte St., Saint John

QUEBEC -

Anglo-Canadian Wire Rope Co. Ltd.	Fairview Ave., Lachine
(x) Canadian Tube & Steel Products Ltd.	5900 St. Patrick St., Montreal
Central Wire & Iron Works Co.	1158 St. Urbain St., Montreal
City Wire & Iron Products Co.	4215 Drolet St., Montreal
Dominion Wire Rope Co. Ltd.	St. Joseph St., Lachine
General Wire Works	3842 St. Lawrence St., Montreal
Hump Hairpin Mfg. Co. of Canada, Ltd.	Ste. Anne St., St. Hyacinthe
Macdonald Metal Products Co. Ltd.	Taylor St., Waterloo
New York Wire Works Ltd.	1003 St. Dominique St., Montreal
(x) St. Lawrence Wire Co. Ltd.	2284 Moreau St., Montreal
Security Fence Co. Ltd.	2651 St. Catherine St. E., Montreal
Peck Rolling Mills Ltd.	851 Mill St., Montreal
(x) Steel Company of Canada, Limited	2320 Notre Dame St. W., Montreal
(x) Steel Company of Canada, Limited	75 St. Joseph St., Lachine
United Shoe Machinery Co. of Canada, Ltd.	2610 Bennett Ave., Montreal

ONTARIO -

Andrews Wire Works of Canada	Watford
Artcraft Shoppe	49 Richmond St. E., Toronto
Brown Wire Specialty Co.	10 George St., Hamilton
Bull Dog Lacer Co. of Canada, Ltd.	81 Cannon St. W., Hamilton

DIRECTORY OF FIRMS IN THE WIRE AND WIRE GOODS INDUSTRY IN CANADA, 1934 (concluded)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO - (concluded)</u>	
(x) Canadian Steel Corporation, Ltd.(1)	Ojibway
Canada Wire and Cable Co. Ltd.	Leaside
Canada Tack and Nail Co. Ltd.	Morrisburg
Canada Wire and Iron Goods Co.	180 King William St., Hamilton
Capewell Horse Nail Co.	54 Duke St., Toronto
Cooper Bros. & Wilson	305 King St. E., Toronto
Craven, Edward	35 Church St., Toronto
Dominion Tack & Nail Co.	431 Dundas St., Galt
Ferrier Wire Goods Co.	22 Mulock Ave., Toronto
Fitzgerald McAvoy Wire Goods	782 King St. W., Toronto
(x) Frost Steel & Wire Co. Ltd.	Lottridge St. N., Hamilton
(x) Graham Nail & Wire Products, Ltd.	7 Fraser Ave., Toronto, 2
(x) Greening, B., Wire Co. Ltd.	Queen and Napier Sts., Hamilton
Hamilton Wire Products Ltd.	11 Whitfield Ave., Hamilton
Hipkin & Sons	105 Simcoe St., Toronto
Isard-Lefebvre Mfg. Co. Ltd.	500 King St. W., Toronto, 2
Keenan Fence Co.	17th St. E., Owen Sound
Key, W. R., & Co.	48 George St., Toronto
Kitchener Spring Co. Ltd.	34 Bridgeport Rd., Waterloo
(x) Laidlaw Bale Tie Co. Ltd.	Birmingham St., Hamilton
Lundy Steel Products, Ltd.	Dunnville
MacPherson, J. A.	Iona Station
National Standard Co. of Canada, Ltd.	133 Woolwich St., Guelph
Ontario Ornamental Iron & Wire Works Co.	170 Portland St., Toronto
Ottawa Wire Works	346 Wellington St., Ottawa
Port Hope Mat & Mfg. Co.	94 Cavan St., Port Hope
Rice, H.E., Wire Works	442 King St. W., Toronto
(x) Robertson, P.L., Mfg. Co. Ltd.	Bronte St., Milton
Sarnia Fence Co. Ltd.	241 S. Christina St., Sarnia
Servos & Bateman	138 Ferguson Ave. N., Hamilton
(x) Steel Company of Canada, Ltd.	334 Wellington St. N., Hamilton
Steele Brothers	121 Macdonnell St. E., Guelph
Steel's Wire Springs	33 Baker St., Guelph
Superior Wire Works	1216 Dundas St. W., Toronto
Tyler, W.S., Co. of Canada, Ltd.	Kensington Ave., St. Catharines
Wallace Barnes Co. Ltd.	274 Sherman Ave. N., Hamilton
Waterloo Spring Co.	51 William St., Waterloo
Western Wire & Nail Co. Ltd.	100 St. George St., London
Windsor Wire Works	1115 McDougall Ave., Windsor
Young, L.A., Industries of Canada, Ltd.	1025 McDougall Ave., Windsor

MANITOBA -

Phoenix Mfg. Co. Ltd.	674 Tache St., St. Boniface.
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BRITISH COLUMBIA -

Artistic Wire & Iron Works	336 First Ave. E., Vancouver
B. C. Anchor Fence Co. Ltd.	1031 Pender St. W., Vancouver
British Ropes Canadian Factory Ltd.	Granville Island, Vancouver
Clifford Wire Works	1217 Wharf St., Victoria
Freeman & Son	137 Powell St., Vancouver
Industrial Wire & Iron Works	156 - 4th Ave. W., Vancouver
Morrison Steel & Wire Co. Ltd.	Granville Island, Vancouver
Pacific Wire Ltd.	1250 Richards St., Vancouver
Wrights' Canadian Ropes Ltd.	Granville Island, Vancouver

(x) Wire-drawing plants.

(1) Factory did not operate during 1934 but sales were made from factory stocks.





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