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CENSUS OF INDUSTRY

MANUFACTURING INDUSTRIES

OF THE

MARITIME PROVINCES

1931

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Section - 1 General Survey of the Maritime Provinces.

" 2 Prince Edward Island.

" 3 Nova Scotia.

" 4 New Brunswick.

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MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

A report on the manufacturing industries of the Maritime Provinces for the year 1931 is presented herewith.

The report is divided into four sections. Section one deals with the three provinces as a group and the tables included therein show the principal statistics, statistics of the leading industries and statistics of the twenty leading cities and towns.

Section two deals with the province of Prince Edward Island, and nine tables are included to illustrate the manufacturing activities of that province in 1931.

In a like manner, sections three and four deal with the provinces of Nova Scotia and New Brunswick respectively.

Manufacturing activities in the Maritime Provinces declined still further in 1931. The output of manufactured products was valued at \$130,025,897, a decrease of \$23,500,252 or over 15 per cent when compared with the year 1930. The industries, however, were not as severely affected as these figures would indicate. Drastic declines in the value of raw materials with consequent decline in the value of finished products accounted for a great part of the decrease. Upon referring to table 1, Principal Statistics of the Maritime Provinces, it will be noted that the total number of persons employed was 30,452 in 1931 or 11,094 fewer than in the year 1930, that the salaries and wages paid them totalled \$28,397,692 or a decrease of \$4,916,545 from the year 1930. The value of raw materials declined substantially in 1931, the total for that year being \$61,269,473 in comparison with a value of \$80,950,269 in 1930.

(x) The large decrease in the number of employees in 1931 is not, however, entirely due to the decline in manufacturing production. The decrease is in part due to the change in method of computing the average annual employment of wage-earners. Between 1925 and 1930 the average was obtained by summing the averages of individual plants, based on the number of months in actual operation and not by dividing by 12 the sum of the monthly employment figures. For example, if a plant operated only during three months of the year with an employment of 100 persons the first month, 125 the second month and 75 the third month, its average annual employment was taken as 100 ($300 \div 3$) the same as that of another plant which operated the whole year with an average employment of 100 persons per month. In 1931, however, a change was made to the old method, whereby the aggregate of the monthly figures is divided by 12. This method gives the man year that each plant operates. The change in method, therefore, affects the average annual employment as well as the average wages paid in seasonal industries, such as fruit and vegetable canning, fish canning, sawmills, etc.

Provinces where seasonal industries predominate, therefore, show a proportionately greater decrease in the number of employees in 1931 as compared with the decrease in the salaries and wages paid, while industries that operate throughout the entire year are not affected by this change.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Of the leading industries, fish curing and packing which ranks second in gross value of production and sawmills which rank sixth are both seasonal industries. For this reason the number of employees engaged in the manufacturing industries of the Maritime Provinces declined by 26.7 per cent whilst the salaries and wages paid declined only 14.7 per cent.

The number of establishments reporting in 1931 was 2,611 an increase of 118 over the number reporting in 1930. Their capital investment, however, showed a considerable decline, the total for 1931 being \$262,703,487 or a decrease of \$15,021,164 over the investment of 1930.

From a standpoint of value of production, pulp and paper was the leading industry with an output of \$18,187,277. Next in order come fish curing, etc., with \$9,121,121; primary iron and steel with \$8,215,412 and central electric stations \$7,155,700. Halifax was the principal manufacturing city, producing \$14,107,640 in finished merchandise, followed by Dartmouth with \$12,627,690.

Principal statistics of the leading cities and towns of the Maritime Provinces are shown in table 3.

Complete statistics of the manufacturing industries of Prince Edward Island, Nova Scotia and New Brunswick follow in the order named.

Section I.

Table 1. - Principal Statistics of the Maritime Provinces Compared for the Period 1926-1931.

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	2,372	216,562,066	36,717	28,314,844	85,850,186	151,697,216
1927	2,353	230,323,871	39,066	29,297,894	87,695,340	151,618,590
1928	2,238	256,591,785	39,220	31,233,849	86,666,294	156,807,510
1929	2,331	257,118,229	41,616	34,418,960	94,824,889	170,365,507
1930	2,493	277,724,651	41,546	33,314,237	80,950,269	153,526,149
1931	2,611	262,703,487	30,452	28,397,692	61,269,473	130,025,897

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Table 2. - Statistics of the Leading Industries of the Maritime Provinces, 1931.

Industries	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Pulp and paper	12	62,633,617	2,665	3,246,080	6,861,370	18,187,277
Fish curing and packing .	469	5,812,060	2,695	1,440,529	6,092,416	9,121,121
Primary iron and steel ..	6	18,430,500	1,849	1,880,158	3,427,289	8,215,412
Central electric stations	131	60,012,819	1,272	1,595,297	-	7,155,700
Railway rolling stock ...	5	10,447,146	1,734	2,276,461	3,831,662	6,801,593
Sawmills	942	12,935,579	3,439	1,540,687	3,492,930	6,110,659
Butter and cheese	100	2,557,251	607	606,884	3,270,736	4,931,956
Biscuits, confectionery, etc.	23	6,698,689	1,399	1,319,012	1,673,264	4,613,192
Printing and publishing .	57	3,762,000	1,135	1,583,291	598,524	3,520,901
Bread and other bakery products	149	1,935,128	807	748,068	1,556,287	3,287,499
Other leading industries. ^{1/}	4	17,714,033	944	1,449,261	12,070,064	18,228,441
<hr/>						
TOTAL, LEADING INDUSTRIES	1,898	202,938,822	18,646	17,685,728	42,874,542	90,173,751
TOTAL, ALL INDUSTRIES	2,611	262,703,487	30,452	28,397,692	61,269,473	130,025,897

^{1/} Includes Sugar refineries and Petroleum products.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Table 3. - Principal Statistics of the Twenty Leading Cities and Towns of the Maritime Provinces, 1931.

Cities and Towns		Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
		No.	\$	No.	\$	\$	\$
Halifax,	N.S.	113	21,701,141	3,624	4,048,880	4,908,869	14,107,640
✓ Dartmouth,	N.S.	14	13,677,921	780	1,066,252	8,139,117	12,627,690
✓ Saint John,	N.B.	130	19,716,885	2,689	3,104,124	9,473,612	12,270,076
✓ Sydney,	N.S.	36	24,138,439	2,093	1,988,869	3,595,157	9,464,661
✓ Moncton,	N.B.	51	7,839,412	2,314	2,677,596	2,804,880	6,723,864
Trenton,	N.S.	4	9,032,560	784	990,252	3,654,464	5,703,298
Liverpool,	N.S.	9	17,596,064	585	834,431	1,723,528	4,384,944
Edmundston,	N.B.	11	16,383,961	521	470,121	1,672,051	3,594,178
Truro,	N.S.	27	3,344,489	936	756,824	1,491,034	2,948,409
St. Stephen,	N.B.	19	2,357,423	560	528,251	1,094,183	2,579,821
Amherst,	N.S.	25	6,032,063	640	626,329	926,384	2,239,597
New Glasgow,	N.S.	29	2,926,134	603	650,193	579,000	1,858,461
✓ Charlottetown,	P.E.I.	36	2,157,910	434	441,834	872,542	1,765,850
Fredericton,	N.B.	29	2,511,552	449	448,985	596,866	1,411,142
Windsor,	N.S.	14	4,015,712	307	255,860	617,169	1,314,026
Yarmouth,	N.S.	31	2,727,033	458	321,824	440,537	1,293,333
Milltown,	N.B.	3	2,238,272	466	398,361	741,455	1,252,298
Grand Falls,	N.B.	11	15,225,922	117	105,630	97,904	1,119,017
Bathurst,	N.B.	16	9,027,321	369	407,749	560,279	1,059,870
Sussex,	N.B.	11	637,135	121	136,583	350,239	758,095
TOTAL, TWENTY LEADING CITIES AND TOWNS, ETC.		619	183,287,349	18,850	20,253,948	44,339,320	88,976,270
TOTAL FOR THE MARITIME PROVINCES ..		2,611	262,703,487	30,452	23,397,692	61,269,473	130,025,897

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Manufacturing establishments in Prince Edward Island in 1931 numbered 290, an increase of twenty-three from the previous year. They had a capital investment of \$4,019,288, employed 1,170 persons who were paid \$309,122 in salaries and wages, \$2,349,367 was expended for raw materials, while the value of finished merchandise produced amounted to \$4,136,576.

Prince Edward Island in common with other sections of Canada was affected by the prevailing decline in industrial activity experienced during 1931. Production decreased by \$118,390 or 2.7 per cent from 1930, while the number of persons employed also showed a decrease of 885 or 43.1 per cent. (For explanation, see page 1, paragraph marked (x)). The capital investment, however, showed an increase of \$577,330, but the cost of materials decreased by \$197,460, in comparison with 1930. The amount paid out in salaries and wages also increased by \$21,016. These variations are illustrated in detail in tables 1 and 2.

Table 3 shows the principal statistics of the leading industries of the province. It will be observed that the two most important are fish curing and butter and cheese making. These two industries account for over 37.0 per cent of the entire production. Also, on turning to table 5, it will be noted that the production of various animal products accounts for almost 47 per cent of the complete output. Statistics of the various industries making up the different groups are shown in table 6.

Capital investment in 1931 showed an increase of \$577,330 from the previous year. Fixed capital, consisting of land, buildings, machinery and tools gained \$494,531 in 1931, while working capital also showed an increase of \$82,749. This capital investment by groups of industries is shown in table 7.

Table 1. - Summary of the Principal Statistics of the Province of Prince Edward Island, 1926-1931.

Year	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	299	2,850,010	2,261	690,403	2,637,960	4,069,335
1927	291	3,081,504	2,232	637,849	2,855,438	4,493,628
1928	277	3,121,568	2,035	712,945	2,747,292	4,445,160
1929	276	3,489,934	2,133	731,448	2,864,831	4,638,725
1930	267	3,441,958	2,055	738,106	2,546,827	4,254,966
1931	290	4,019,288	1,170 ^{1/}	309,122	2,349,367	4,136,576

^{1/} For explanation of the large decrease, see page 1, paragraph marked (x).

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

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MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 2. - Principal Statistics of the Province of Prince Edward Island Compared for the Years 1930 and 1931.

Principal Statistics		1930	1931	∕ Increase - Decrease
Establishments reporting	No.	267	290	∕ 23
Capital invested	\$	3,441,958	4,019,288	∕ 577,330
Employees on salaries -				
Male	No.	147	226	∕ 79
Female	No.	38	42	∕ 4
Total salaries	\$	196,878	237,212	∕ 40,334
Employees on wages 1/ -				
Male	No.	1,116	660	- 456
Female	No.	754	242	- 512
Total wages	\$	591,228	571,910	- 19,318
Cost of fuel	\$	114,793	113,206	- 1,587
Primary power equipment	H.P.	7,851	9,234	∕ 1,383
Cost of materials	\$	2,546,827	2,349,367	- 197,460
Gross value of products	\$	4,254,966	4,136,576	- 118,390
Net value of products	\$	1,703,139	1,787,209	∕ 79,070

Table 3. - Principal Statistics of the Leading Industries of Prince Edward Island, 1931.

Industries	Estab- lish- ments	Capital Invested	Em- ploys ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Fish curing and packing ..	97	133,015	292	92,982	626,366	867,571
Butter and cheese	36	256,120	110	75,841	504,818	678,757
Slaughtering and meat packing	4	119,659	51	43,370	334,547	375,650
Central electric stations.	12	1,095,885	54	59,019	-	270,445
Flour and feed mills	18	102,910	19	9,533	163,029	215,968
Printing and publishing ..	4	281,695	104	96,030	28,318	208,518
Castings and forgings	3	373,869	82	65,225	81,303	198,080
Planing mills, sash and door factories	4	215,892	41	40,828	123,511	181,180
Bread and other bakery products	9	108,531	41	32,767	84,144	168,086

1/ For explanation of large decrease, see page 1, paragraph marked (x).

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

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MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 3. - Principal Statistics of the Leading Industries of Prince Edward Island, 1931. - (Concl'd.)

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-					
	No.	\$	No.	\$	\$	\$
Sawmills	61	125,182	64	13,189	67,154	115,464
All other leading industries ^{1/}	3	447,539	84	119,976	87,822	270,472
TOTAL, LEADING INDUSTRIES	251	3,310,297	942	648,760	2,101,012	3,550,191
TOTAL, ALL INDUSTRIES	290	4,019,288	1,170	809,122	2,349,367	4,136,576

^{1/} Includes Tobacco, cigars and cigarettes and Railway rolling stock.

Table 4. - Principal Statistics of the Leading Cities and Towns of the Province of Prince Edward Island, 1931.

Cities and Towns	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-					
	No.	\$	No.	\$	\$	\$
Charlottetown	36	2,157,910	434	441,834	872,542	1,765,850
Summerside	17	568,741	109	92,805	203,725	384,414
Montague	6	180,733	58	40,724	26,073	144,451
Souris	8	37,290	21	7,080	21,672	41,003
Kensington	4	50,308	7	4,562	37,702	55,726
Alberton	7	17,615	14	3,785	18,862	30,512
TOTAL OF LEADING CITIES AND TOWNS	78	2,992,597	643	590,790	1,180,576	2,421,956

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

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MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 5. - Principal Statistics by Groups of Industries in Prince Edward Island, 1931.

Groups of Industries	Estab-lish-ments	Capital Invested	Employees on Salaries			Employees on Wages			Cost of Materials	Gross Value of Products
			Male	Female	Salaries	Male	Female	Wages		
			No.	No.	\$	No.	No.	\$		
Vegetable products .	40	435,042	31	10	42,803	89	11	73,695	354,188	673,836
Animal products	140	579,554	94	8	67,936	209	150	151,183	1,471,822	1,937,241
Textiles and textile products	3	29,328	2	1	2,020	6	20	12,321	4,054	39,439
Wood and paper products	83	798,880	65	14	68,587	169	50	142,498	258,618	676,159
Iron and its products	6	906,708	11	5	28,776	140	8	137,574	201,791	440,216
Non-metallic mineral products	4	114,878	3	-	3,936	9	3	9,603	23,234	57,753
Chemicals and chemical products ^{1/}	1	-	-	-	-	-	-	-	-	-
Miscellaneous industries ^{1/}	1	-	-	-	-	-	-	-	-	-
Central electric stations	12	1,095,885	18	4	21,468	32	-	37,551	-	270,445
TOTAL	290	4,019,288	226	42	237,212	660	242	571,910	2,549,367	4,136,576

^{1/} The statistics of chemicals and miscellaneous industry products are included in the total of the groups to prevent disclosure of individual information.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 2. - MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 6. - Principal Statistics of Manufacturing Establishments in Prince Edward Island, 1931.

Name of Industry	Estab-lish-ments	Capital Invested	Employees on Salaries			Employees on Wages			Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
	No.	\$	No.	No.	\$	No.	No.	\$	\$	\$	\$
Vegetable products	40	435,042	31	10	42,803	89	11	73,695	354,188	673,886	319,693
Biscuits, confec- tionery, cocoa, etc.	4	19,645	2	4	3,064	1	2	763	6,113	13,809	7,696
Bread and other bakery products .	9	108,531	4	3	4,480	29	5	23,237	84,144	163,036	83,942
Flour mills	18	102,910	14	-	6,455	5	-	3,078	163,029	215,968	52,939
Starch	3	59,450	1	-	315	12	-	6,489	33,905	63,125	29,220
All other industries	6	144,506	10	3	28,489	42	4	35,078	66,997	212,898	145,901
Animal products ..	140	579,554	94	8	67,936	209	150	151,183	1,471,322	1,937,241	465,419
Butter and cheese	36	256,120	69	7	51,414	31	3	24,427	504,818	673,757	173,939
Fish curing and packing	97	183,015	20	-	7,437	135	137	85,495	626,366	867,571	241,205
Harness and saddlery	3	20,760	2	-	2,800	6	-	4,126	6,091	15,263	9,172
Slaughtering and meat packing ...	4	119,659	3	1	6,235	37	10	37,135	334,547	375,650	41,103
Textiles and textile products.	3	29,328	2	1	2,020	6	20	12,321	4,054	39,439	35,385
Wood and paper products	83	798,880	65	14	68,587	169	50	142,493	253,618	676,159	417,541
Carriages, wagons and sleighs	4	14,415	5	-	3,200	-	-	-	1,460	5,550	4,090
Planing mills, sash and door fac- tories	4	215,892	8	1	12,364	31	1	28,464	123,511	131,130	57,669
Printing and bookbinding	4	56,565	6	-	8,385	7	9	10,526	3,652	38,257	29,605
Printing and publishing	4	281,695	9	13	29,278	53	29	66,752	23,313	203,513	130,200

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 6. - Principal Statistics of Manufacturing Establishments in Prince Edward Island, 1931. - (Concl'd.)

Name of Industry	Estab-lish-ments	Capital Invested	Employees on Salaries			Employees on Wages			Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
	No.	\$	No.	No.	\$	No.	No.	\$	\$	\$	\$
Wood and paper products - Concl'd.											
Sawmills	61	125,162	26	-	5,399	38	-	7,790	67,154	115,464	48,310
All other industries	6	105,151	11	-	9,961	40	11	28,966	29,523	127,190	97,667
Iron and its products	6	906,708	11	5	28,776	140	8	137,574	201,791	440,216	233,425
Castings and forgings	3	373,869	5	4	14,500	69	4	50,725	81,303	198,030	116,777
All other industries	3	532,839	6	1	14,276	71	4	86,849	120,488	242,136	121,648
Non-metallic mineral products	4	114,878	3	-	3,936	9	3	9,608	23,234	57,753	34,519
Chemical industries 1/	1	-	-	-	-	-	-	-	-	-	-
Miscellaneous industries 1/	1	-	-	-	-	-	-	-	-	-	-
Central electric stations	12	1,095,885	18	4	21,468	32	-	37,551	-	270,445	270,445
TOTAL	290	4,019,238	226	42	237,212	660	242	571,910	2,349,367	4,136,576	1,737,209

1/ The statistics of chemicals and miscellaneous industries are included in the total of the groups to prevent disclosure of individual information.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 7. - Capital Investment, Prince Edward Island, 1931.

Groups of Industries	Fixed Capital		Working Capital			Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, Stocks in process, fuel and miscellaneous supplies etc.	Inventory value of finished products on hand	Operating Capital (Cash, bills and accounts receivable), prepaid expenses, etc.		
	\$	\$	\$	\$	\$	
Vegetable products	279,399	33,392	37,143	85,108		435,042
Animal products	418,654	48,179	8,050	104,671		579,554
Textiles and textile products	24,754	924	-	3,650		29,328
Wood and paper products	475,473	85,268	25,237	212,902		793,880
Iron and its products	587,098	163,910	59,387	96,313		906,708
Non-ferrous metal products	-	-	-	-		-
Non-metallic mineral products	81,520	28,653	-	4,705		114,878
Chemicals and chemical products 1/	-	-	-	-		-
Miscellaneous industries 1/	-	-	-	-		-
Central electric stations	1,003,131	29,214	-	63,540		1,095,885
TOTAL	2,913,452	403,600	130,117	572,119		4,019,288

1/ The statistics of chemicals and miscellaneous industries are included in the total of the groups to prevent disclosure of individual establishments.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

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MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 8. - Power Equipment in Prince Edward Island by Groups of Industries, 1931.

Groups of Industries	Steam	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Electric Motors			Total power equipment for manufacturing purposes
	engines and turbines				Operated by purchased power	Operated by owned power	Total Electric Motors	
	H.P.				H.P.	H.P.	H.P.	
Vegetable products ..	208	94	444	746	81	-	81	827
Animal products	378	177	-	555	116	-	116	671
Textiles and textile products	-	-	-	-	30	-	30	30
Wood and paper products	838	122	1,038	1,998	241	2	243	2,239
Iron and its products	235	50	-	285	183	355	538	468
Non-ferrous metal products	-	-	-	-	-	-	-	-
Non-metallic mineral products	-	18	-	18	-	-	-	18
Chemicals and chemical products	-	-	-	-	-	-	-	-
Miscellaneous in- dustries	-	-	-	-	5	-	5	5
TOTAL MANU- FACTURING INDUSTRIES,								
1931	1,659	461	1,482	3,602	656	357	1,013	4,258
1930	1,522	381	1,335	3,238	631	400	1,031	3,869
1929	1,607	352	1,484	3,443	545	395	940	3,938
1928	1,416	369	1,394	3,179	438	355	793	3,617
1927	1,242	413	1,195	2,850	473	314	787	3,323

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MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 2. - MANUFACTURING STATISTICS OF PRINCE EDWARD ISLAND, 1931.

Table 8. - Power Equipment in Prince Edward Island by Groups of Industries, 1931. - (Concl'd.)

Groups of Industries	Steam	Internal combustion engines	Hydraulic turbines or water-wheels	Primary Power	Electric Motors			Total power equipment for manufacturing purposes
	engines and turbines				Operated by purchased power	Operated by owned power	Total Electric Motors	
	H.P.				H.P.	H.P.	H.P.	
Central electric stations,								
1931	4,248	920	464	5,632	-	-	-	5,632
1930	2,598	920	464	3,982	-	-	-	3,982
1929	2,598	920	464	3,982	-	-	-	3,982
1928	2,598	540	464	3,602	-	-	-	3,602
1927	2,583	536	299	3,418	-	-	-	3,418

Table 9. - Fuel Consumption in Prince Edward Island by Groups of Industries, 1931.

	Bituminous Coal		Anthracite and Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
	Quantity	Value								
	Tons	\$	\$							
Vegetable products	1,101	8,637	120	4,767	349	490	911	-	-	15,274
Animal products	1,808	15,728	345	-	674	9	8,485	-	-	25,241
Textiles and textile products ..	253	1,657	-	-	-	-	-	-	-	1,657
Wood and paper products	300	2,444	164	-	711	503	960	-	846	5,628
Iron and its products	4,325	18,673	-	336	535	3,585	-	-	-	23,129
Non-ferrous metal products	-	-	-	-	-	-	-	-	-	-
Non-metallic mineral products ..	40	396	-	-	8	141	-	-	-	545
Chemicals and chemical products	-	-	-	-	-	-	-	-	-	-
Miscellaneous industries	4	42	-	-	-	4	-	-	-	46
Central electric stations	4,859	31,740	-	-	120	9,576	250	-	-	41,636
TOTAL	12,690	79,317	629	5,103	2,397	14,308	10,606	-	846	113,206

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

Section 3.

MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

There were 1,449 establishments in operation in the province of Nova Scotia, an increase of 147 over 1930. Despite this increase of establishments, however, production decreased by \$15,123,418 or 17.6 per cent, the figures being \$70,679,503 in 1931 and \$85,802,921 in 1930. The capital investment decreased by \$3,846,436 to \$129,824,727 in 1931. Employees, both salaried and otherwise, showed a decrease of 4,894 or 23.2 per cent, the total number of persons employed in 1931 being 16,175. (For explanation, see page 1, paragraph marked (x)). Salaries and wages dropped to \$14,881,673 in 1931, a decrease of \$2,656,017 and the cost of raw materials also decreased by \$11,217,928, the total amount expended in 1931 being \$33,288,250. Tables 1 and 2 illustrate these variations in detail.

As shown in table 3, the principal industry in Nova Scotia from a standpoint of production is that of primary iron and steel. Production in 1931 amounted to \$8,215,412 or a decrease of \$3,598,822 from the figures for 1930. The fish industry follows with an output of \$5,901,891 which is \$1,700,768 below the figure for 1930. The principal statistics of the leading industries of the province are shown in table 3.

On referring to table 5, it will be noted that iron and its products account for \$15,171,436 or 21.5 per cent of the entire output. Wood and paper products are next with a production of \$12,486,139 closely followed by vegetable products with \$12,243,619 and non-metallic mineral products with \$9,938,765. Table 6 shows the principal statistics of all the industries going to make up these various groups.

Capital invested by groups of industries is shown in table 7. Fixed capital, comprising all land, buildings, machinery and tools amounted to \$94,443,514 in 1931, an increase of \$437,611 over 1930. Working capital totalled \$35,381,213 in 1931, a decrease of \$4,284,047 from 1930.

Table 1. - Summary of the Principal Statistics of the Province of Nova Scotia, 1926 - 1931.

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	1,163	118,050,902	16,782	13,014,707	39,137,265	73,505,642
1927	1,190	128,155,040	17,864	13,610,944	42,059,320	74,458,297
1928	1,167	138,809,331	19,222	15,838,394	44,168,441	84,948,608
1929	1,195	135,662,325	20,966	17,925,190	51,506,523	94,292,816
1930	1,302	133,671,163	21,069	17,537,690	44,506,178	85,802,921
1931	1,449	129,824,727	16,175 ^{1/}	14,881,673	33,288,250	70,679,503

1/ See page 1, paragraph marked (x), for explanation of the large decrease.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 3. - MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 2. - Principal Statistics of the Province of Nova Scotia Compared for 1930 and 1931.

		1930	1931	+	Increase
				-	Decrease
Establishments reporting	No.	1,302	1,449	+	147
Capital invested	\$	133,671,163	129,824,727	-	3,846,436
Employees on salaries -					
Male	No.	1,456	2,012	+	556
Female	No.	433	491	+	58
Salaries	\$	3,341,727	3,656,169	+	314,442
Employees on wages ^{1/} -					
Male	No.	15,739	11,529	-	4,210
Female	No.	3,441	2,143	-	1,298
Wages	\$	14,195,963	11,225,504	-	2,970,459
Cost of fuel	\$	2,916,336	2,277,704	-	638,632
Primary power equipment	H.P.	225,851	239,234	+	13,383
Cost of materials	\$	44,506,178	33,288,250	-	11,217,928
Gross value of products	\$	85,802,921	70,679,503	-	15,123,418
Net value of products	\$	41,296,743	37,391,253	-	3,905,490

Table 3. - Statistics of the Leading Industries of the Province of Nova Scotia, 1931.

Industries	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Primary iron and steel	6	18,430,500	1,849	1,380,158	3,427,289	8,215,412
Fish curing and packing	207	3,419,681	1,699	1,042,461	3,878,869	5,901,891
Pulp and paper	6	12,796,553	610	893,057	1,892,275	4,777,752
Central electric stations	79	28,328,512	786	1,002,111	-	3,954,158
Railway rolling stock	3	6,303,482	408	498,943	2,696,572	3,889,486
Butter and cheese ...	30	1,266,472	314	342,294	1,776,886	2,714,244
Biscuits, confectionery, etc.	10	4,816,529	914	922,060	931,672	2,651,868
Sawmills	635	2,557,552	1,640	566,980	1,222,618	2,460,753
Printing and publishing	32	2,283,645	687	892,003	363,679	2,054,950
Hosiery and knitted goods	3	2,093,249	607	461,800	842,961	1,656,385
Bread and other bakery products	73	965,702	408	347,208	732,962	1,626,623
Shipbuilding and repairs	11	3,447,758	528	618,273	365,731	1,437,777

1/ See page 1, paragraph marked (x), for explanation of the large decrease.

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 2.

MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 3. - Statistics of the Leading Industries of the Province of Nova Scotia, 1931. - Concl'd.

Industries	Estab- lish- ments No.	Capital Invested \$	Em- p- loyees No.	Salaries and Wages \$	Cost of Materials \$	Gross Value of Products \$
Castings and forgings .	15	2,459,714	518	636,483	453,741	1,435,299
All other leading industries 1/.....	6	20,529,927	1,033	1,394,596	9,700,689	15,569,765
TOTAL, LEADING INDUSTRIES	1,116	109,699,276	12,001	11,498,447	28,285,944	58,346,363
TOTAL, ALL INDUSTRIES	1,449	129,824,727	16,175	14,881,673	33,288,250	70,679,503

1/ Includes Coke and gas products, Petroleum products, Sugar refineries and Breweries.

Table 4. - Statistics of the Leading Cities and Towns of the Province of Nova Scotia, 1931.

Cities and Towns	Estab- lish- ments No.	Capital Invested \$	Em- p- loyees No.	Salaries and Wages \$	Cost of Materials \$	Gross value of Products \$
Halifax	113	21,701,141	3,624	4,048,880	4,908,869	14,107,640
Dartmouth	14	13,677,921	780	1,066,252	8,139,117	12,627,690
Sydney	36	24,138,439	2,093	1,938,869	3,595,157	9,464,661
Trenton	4	9,032,560	784	990,252	3,654,464	5,703,298
Liverpool	9	17,596,064	585	834,431	1,723,528	4,884,944
Truro	27	3,344,489	936	756,824	1,491,034	2,943,409
Amherst	25	6,032,063	640	626,329	926,384	2,239,597
New Glasgow	29	2,926,134	603	650,193	579,000	1,858,461
Windsor	14	4,015,712	307	255,860	617,169	1,314,026
Yarmouth	31	2,727,033	458	321,824	440,587	1,293,333
Pictou	10	518,482	195	146,741	369,049	636,376
Glace Bay	11	1,280,402	89	103,548	21,965	633,124
Lunenburg	14	629,493	251	184,256	269,654	549,512
Bridgewater	16	1,053,869	156	125,648	325,862	543,146
Stellarton	9	826,830	58	66,768	106,516	433,817
North Sydney	11	283,047	126	110,856	183,826	430,609
Lockport	5	372,540	112	69,592	172,356	385,733
Clarke's Harbour	8	56,387	41	20,321	258,444	304,125
Hantsport	4	425,864	120	70,036	119,493	289,279

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 3.

MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 4. - Statistics of the Leading Cities and Towns of the Province of Nova Scotia, 1931. - (Concl'd.)

Cities and Towns	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Middleton	7	259,360	72	47,204	162,948	282,118
Shelburne	17	270,103	138	93,688	126,741	280,164
Digby	6	514,088	74	65,874	133,365	260,836
Oxford	13	283,429	96	81,686	135,107	258,610
Port Hawkesbury	5	545,653	79	65,229	136,171	243,117
Stewiacke	3	182,475	74	57,229	103,622	191,848
Wolfville	7	155,406	38	35,120	66,916	171,532
Kentville	9	231,553	47	51,657	33,799	159,332
Berwick	7	155,093	30	21,102	74,846	153,754
Annapolis	7	311,663	49	39,188	45,709	128,511
Antigonish	8	183,518	33	27,955	46,666	112,958
Springhill	6	158,233	27	24,904	25,187	103,886
TOTAL OF LEADING CITIES AND TOWNS	485	113,889,044	12,715	13,048,316	28,994,051	62,994,696

MANUFACTURING STATISTICS OF

SECTION 3. - MANUFACTURING

Table 5. - Principal Statistics by Groups

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Vegetable products	117	12,408,155	265	84	632,579
Animal products	256	5,148,836	239	51	386,894
Textiles and textile products	52	6,252,727	99	54	267,132
Wood and paper products	822	22,642,380	815	134	1,030,426
Iron and its products	33	31,304,791	181	35	484,155
Non-ferrous metal products	4	151,082	6	2	13,446
Non-metallic mineral products	58	17,506,774	107	20	246,378
Chemicals and chemical products	11	2,509,349	44	13	97,302
Miscellaneous industries	17	3,572,121	47	8	99,480
Central electric stations	79	28,328,512	209	85	398,377
TOTAL OF GROUPS	1,449	129,824,727	2,012	491	3,656,169

Table 6. - Principal Statistics of the

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Vegetable products	117	12,408,155	265	84	632,579
Biscuits, confectionery, cocoa, chocolate, etc.	10	4,816,529	161	54	395,109
Bread and other bakery products	73	965,702	35	17	62,553
Flour and feed mills	13	227,819	10	-	5,761
Fruit and vegetable preparations ...	10	339,033	7	1	10,700
All other industries	8	6,009,072	52	12	158,456
Animal products	256	5,148,836	239	51	386,894
Butter and cheese	30	1,266,472	85	20	137,631
Fish curing and packing	207	3,419,681	135	25	215,627
Harness and saddlery	8	31,640	2	-	1,350
Slaughtering and meat packing	4	114,855	7	2	11,066
All other industries	7	316,188	10	4	21,220
Textiles and textile products	52	6,252,727	99	54	267,132
Awnings, tents and sails	4	8,597	4	-	4,025
Dyeing, cleaning and laundry work ..	26	906,804	35	18	75,856

THE MARITIME PROVINCES, 1931.

STATISTICS OF NOVA SCOTIA, 1931.

of Industries in Nova Scotia, 1931.

Employees on Wages			Wages	Cost of Materials	Gross Value of Products
Male	Female				
No.	No.	\$	\$	\$	
1,048	517	1,277,264	6,221,891	12,243,619	
1,506	348	1,117,116	6,113,357	9,254,463	
630	947	987,308	1,609,428	4,047,232	
3,158	277	2,467,503	4,875,343	12,486,139	
2,997	28	2,924,767	7,040,719	15,171,436	
22	1	27,597	11,383	29,974	
988	8	1,091,345	5,957,864	9,933,765	
159	7	154,801	1,008,994	1,949,643	
529	10	574,069	449,266	1,604,074	
492	-	603,734	-	3,954,158	
11,529	2,143	11,225,504	33,288,250	70,679,503	

Manufacturing Establishments in Nova Scotia, 1931.

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
1,048	517	1,277,264	6,221,891	12,243,619	6,021,728
328	371	526,971	931,672	2,651,868	1,720,196
289	67	284,655	732,962	1,626,623	893,661
17	1	15,370	299,423	426,403	126,975
52	48	39,456	103,858	195,256	91,398
362	30	410,812	4,153,971	7,343,469	3,189,498
1,506	348	1,117,116	6,113,357	9,254,463	3,141,106
198	11	204,663	1,776,886	2,714,244	937,358
1,220	319	826,834	3,878,869	5,901,891	2,023,022
8	1	6,329	7,021	21,100	14,079
24	2	24,634	137,394	157,583	20,189
56	15	54,656	313,187	459,645	146,458
630	947	987,308	1,609,428	4,047,232	2,437,804
6	-	3,754	15,566	27,185	11,619
141	212	267,930	62,868	717,200	654,332

SECTION 3. - MANUFACTURING STATISTICS

Table 6. - Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Textiles and textile products - Concl'd.					
Hosiery and knitted goods	3	2,093,249	23	12	90,140
Oiled and waterproof clothing	5	85,059	4	2	6,776
Woollen yarn	3	16,676	2	-	1,500
All other industries	11	3,142,342	31	22	88,835
Wood and paper products					
Boats and canoes	18	128,380	23	-	21,312
Boxes, wooden	12	722,213	19	2	23,222
Carriages, wagons and sleighs	18	55,708	19	-	10,314
Cooperage	22	164,813	21	1	13,498
Furniture	5	133,134	6	-	4,668
Planing mills, sash and door factories	28	1,501,263	37	9	43,468
Printing and bookbinding	26	398,996	33	7	55,345
Printing and publishing	32	2,283,645	209	77	447,931
Pulp and paper	6	12,796,553	68	9	209,463
Sawmills	635	2,557,552	331	8	98,366
All other industries	20	1,900,123	49	21	102,839
Iron and its products					
Boilers, tanks and engines	4	1,233,170	23	4	68,926
Castings and forgings	15	2,459,714	47	18	152,293
Hardware and tools	3	1,151,817	3	5	19,820
Primary iron and steel	6	18,430,500	68	6	164,428
Railway rolling stock	3	6,303,482	33	2	72,999
All other industries	2	1,726,108	2	-	5,689
Non-ferrous metal products					
All other industries	4	151,082	6	2	13,446
All other industries	4	151,082	6	2	13,446
Non-metallic mineral products					
Aerated and mineral waters	30	523,574	14	4	22,558
Clay products from domestic clay	6	1,003,204	9	3	27,837
Lime	3	51,424	1	-	800
Stone, monumental and ornamental	11	269,365	5	-	8,760
All other industries	8	15,654,207	78	13	186,423
Chemicals and chemical products					
Fertilizers	3	1,050,654	13	4	24,371
All other industries	8	1,458,695	31	14	72,931
Miscellaneous industries					
Shipbuilding and repairs	11	3,447,758	37	5	84,000
All other industries	6	124,363	10	3	15,480
Central Electric Stations	79	28,328,512	209	85	398,377
TOTAL	1,449	129,824,727	2,012	491	3,656,169

MARITIME PROVINCES, 1931.

OF NOVA SCOTIA, 1931.

Manufacturing Establishments in Nova Scotia, 1931.

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
198	374	371,660	842,961	1,656,385	813,424
9	21	13,492	43,732	66,638	22,906
3	-	2,420	3,842	10,638	6,796
273	340	328,052	640,459	1,569,186	928,727
3,158	277	2,467,503	4,875,348	12,486,139	7,610,791
56	-	27,247	34,874	103,312	68,438
144	-	82,618	139,332	301,378	162,046
8	1	8,259	10,307	40,114	29,807
51	1	44,864	152,059	256,413	104,354
63	2	46,718	14,923	78,261	63,338
254	1	200,117	327,349	715,846	388,497
85	28	111,297	90,298	339,221	248,923
297	104	444,072	363,679	2,054,950	1,691,271
533	-	683,594	1,892,275	4,777,752	2,885,477
1,284	17	468,614	1,222,618	2,460,753	1,238,135
383	123	350,103	627,634	1,358,139	730,505
2,997	28	2,924,767	7,040,719	15,171,436	8,130,717
129	-	133,353	341,214	559,857	218,643
452	1	484,190	453,741	1,435,299	981,558
79	11	74,374	59,938	329,800	269,862
1,762	13	1,715,730	3,427,289	8,215,412	4,738,123
370	3	425,944	2,696,572	3,889,486	1,192,914
205	-	91,176	61,965	741,582	679,617
22	1	27,597	11,383	29,974	18,591
22	1	27,597	11,383	29,974	18,591
988	8	1,091,345	5,957,864	9,938,765	3,930,901
84	7	70,060	105,522	367,942	262,420
148	-	120,608	-	467,126	467,126
40	-	31,379	-	79,418	79,418
83	-	82,742	74,498	316,954	242,456
633	1	786,556	5,777,844	8,707,325	2,929,481
159	7	154,801	1,008,994	1,949,643	940,649
71	-	55,885	596,671	761,890	165,219
88	7	98,916	412,323	1,187,753	775,430
529	10	574,069	449,266	1,604,074	1,154,808
485	1	534,273	365,731	1,437,777	1,072,046
44	9	39,796	83,535	166,297	82,762
492	-	603,734	-	3,954,158	3,954,158
11,529	2,143	11,225,504	33,288,250	70,679,503	37,391,253

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 3.

MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 7. - Capital Investment in Nova Scotia, 1931.

Groups of Industries	Fixed Capital		Working Capital			Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, Stocks in process, fuel and miscellaneous supplies on hand	Inventory value of finished products on hand	Operating Capital (cash, bills and accounts receivable), prepaid expenses, etc.		
	\$	\$	\$	\$	\$	\$
Vegetable products	8,302,093	1,865,050	957,176	1,283,836	12,408,155	
Animal products	3,332,237	1,022,787	23,650	770,162	5,148,836	
Textiles and textile products ...	3,446,721	586,796	507,372	1,711,838	6,252,727	
Wood and paper products	16,074,154	2,247,323	1,094,023	3,226,880	22,642,380	
Iron and its products	20,325,840	5,090,468	1,867,116	4,021,367	31,304,791	
Non-ferrous metal products	78,450	10,992	1,200	60,440	151,032	
Non-metallic mineral products ...	12,421,871	3,003,268	1,320,552	761,033	17,506,724	
Chemicals and chemical products .	1,272,962	292,362	165,240	778,785	2,509,349	
Miscellaneous industries	2,540,485	219,340	17,246	795,050	3,572,121	
Central electric stations	26,648,701	270,515	-	1,409,296	28,328,512	
TOTAL	94,443,514	14,608,901	5,953,575	14,818,737	129,824,727	

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 3. - MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 8. - Power Equipment by Groups of Industries, Province of Nova Scotia, 1931.

	Steam engines and turbines			Total Primary Power	Electric Motors			Total power equipment for manufacturing purposes
	Internal combustion engines	Hydraulic turbines or water-wheels	Operated by purchased power		Operated by owned power	Total Electric Motors		
							H.P.	
Vegetable products	2,789	160	977	3,926	2,065	2,875	4,940	5,991
Animal products	1,260	789	-	2,049	1,430	219	1,649	3,479
Textiles and textile products	1,218	8	90	1,316	2,973	444	3,417	4,289
Wood and paper products.	22,587	2,060	10,754	35,401	40,250	1,542	41,792	75,651
Iron and its products	60,661	67	175	60,903	11,502	26,955	38,457	72,405
Non-ferrous metal products	-	-	-	-	28	-	28	28
Non-metallic mineral products	3,973	1,406	4	5,383	528	6,773	7,301	5,911
Chemicals and chemical products	140	-	90	230	368	-	368	598
Miscellaneous industries	190	74	-	264	3,870	-	3,870	4,134
TOTAL MANUFACTURING INDUSTRIES,								
1931	92,818	4,564	12,090	109,472	63,014	38,808	101,822	172,496
1930	91,972	3,866	9,931	105,769	62,924	37,873	100,797	168,693
1929	89,746	2,983	13,893	106,622	31,567	44,028	75,595	138,199
1928	90,360	3,094	20,309	113,763	27,978	40,404	68,382	141,741
1927	88,196	3,036	22,155	113,387	24,162	40,400	64,562	137,549
Central Electric Stations,								
1931	48,571	1,184	80,007	129,762	-	-	-	129,762
1930	38,706	1,184	80,192	120,082	-	-	-	120,082
1929	29,018	955	42,623	72,596	-	-	-	72,596
1928	23,163	675	42,349	66,187	-	-	-	66,187
1927	26,028	525	32,540	59,093	-	-	-	59,093

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 3. - MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 8. - Power Equipment by Groups of Industries, Province of Nova Scotia, 1931.

	Steam	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Electric Motors		Total Electric Motors	Total power equipment for manufacturing purposes
	engines and turbines				Operated by purchased power	Operated by owned power		
	H.P.				H.P.	H.P.		
Vegetable products	2,789	160	977	3,926	2,065	2,875	4,940	5,991
Animal products	1,260	789	-	2,049	1,430	219	1,649	3,479
Textiles and textile products	1,218	8	90	1,316	2,973	444	3,417	4,289
Wood and paper products.	22,587	2,060	10,754	35,401	40,250	1,542	41,792	75,651
Iron and its products	60,661	67	175	60,903	11,502	26,955	38,457	72,405
Non-ferrous metal products	-	-	-	-	28	-	28	28
Non-metallic mineral products	3,973	1,406	4	5,383	528	6,773	7,301	5,911 ²⁵
Chemicals and chemical products	140	-	90	230	368	-	368	598
Miscellaneous industries	190	74	-	264	3,870	-	3,870	4,134
TOTAL MANU- FACTURING INDUSTRIES,								
1931	92,818	4,564	12,090	109,472	63,014	38,803	101,822	172,486
1930	91,972	3,866	9,931	105,769	62,924	37,873	100,797	168,693
1929	89,746	2,983	13,893	106,622	31,567	44,028	75,595	138,189
1928	90,360	3,094	20,309	113,763	27,978	40,404	68,382	141,741
1927	88,196	3,036	22,155	113,387	24,162	40,400	64,562	137,549
Central Electric Stations,								
1931	48,571	1,184	80,007	129,762	-	-	-	129,762
1930	38,706	1,184	80,192	120,082	-	-	-	120,082
1929	29,018	955	42,623	72,596	-	-	-	72,596
1928	23,163	675	42,349	66,187	-	-	-	66,187
1927	26,028	525	32,540	59,093	-	-	-	59,093

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 3.

MANUFACTURING STATISTICS OF NOVA SCOTIA, 1931.

Table 9. - Cost of Fuel Consumption by Groups of Industries, Province of Nova Scotia, 1931.

	Bituminous Coal		Anthracite and Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
	Quantity	Value								
	Tons	\$	\$	\$	\$	\$	\$	\$	\$	\$
Vegetable products	8,909	49,642	12,590	19,967	532	124,352	7,599	3,116	-	217,798
Animal products ..	14,868	84,878	1,167	-	8,933	5,792	13,190	12	1,521	115,493
Textiles and textile products.	14,345	72,465	2,707	78	12	50	3,286	145	3,304	82,047
Wood and paper products	49,219	218,645	2,130	665	6,886	4,585	14,370	4,204	13,419	264,904
Iron and its products	133,469	602,167	783	26,517	1,089	13,464	710	196,210	184	841,124
Non-ferrous metal products	45	289	510	-	8	147	-	-	876	1,330
Non-metallic mineral products.	26,594	114,731	975	37,060	535	234,495	5,639	86,718	4,214	484,367
Chemicals and chemical products	4,018	23,764	194	1,023	18	1,398	140	-	-	26,537
Miscellaneous in- dustries	1,830	13,772	-	259	3,281	2,482	48	39	-	19,381
Central electric stations	66,658	210,649	-	-	-	13,074	-	-	-	223,723
TOTAL	319,955	1,391,002	21,056	85,569	21,294	399,839	44,982	290,444	23,518	2,277,704

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 4.

MANUFACTURING STATISTICS OF NEW BRUNSWICK, 1931.

In 1931, 872 establishments reported their manufacturing activities in the province of New Brunswick which was a decrease of fifty-two from the previous year. Their total output of \$55,209,818 was \$8,258,444 or 13.0 per cent less than the output in 1930. The capital investment fell from \$140,611,530 in 1930 to \$128,859,472, a decrease of \$11,752,058 or 8.4 per cent. The total number of employees was 13,107 or 5,315 fewer than in 1930, the number in that year being 18,422. (For explanation of the large decrease, see page 1, paragraph marked (x)). Salaries and wages also decreased by \$2,281,544, the total being \$14,988,441 in 1930 and \$12,706,897 in 1931. The cost of raw materials dropped from \$33,897,264 in 1930 to \$25,631,856 in 1931, a decrease of \$8,265,408. These variations are shown in detail in tables 1 and 2.

In 1931, the pulp and paper industry led all others in production with an output of \$13,409,525 or almost 24.3 per cent of the total. Sawmills followed with an output of \$3,534,442, followed in order by central electric stations, fish curing and packing, etc. Detailed statistics of the leading industries are shown in table 3 of this report.

Production of wood and paper products led all industries in 1931 by a wide margin, the value of the output being \$20,986,826. Vegetable products followed with an output of \$13,718,607 and animal products was next with \$5,816,520. The principal statistics of the various groups of industries and the commodities making up the various groups are shown in tables 5 and 6.

Capital Investment. - The values of lands, buildings, machinery and tools dropped from \$96,689,690 in 1930 to \$88,243,660 in 1931, while the working capital decreased from \$43,921,840 in 1930 to \$40,615,812 in 1931. Table 7 of this report shows the capital investment of the various groups in 1931.

Table 1. - Summary of the Principal Statistics of the Province of New Brunswick, 1926-31.

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	910	95,661,154	17,674	14,609,734	44,535,406	74,122,239
1927	872	99,087,327	18,970	14,999,101	42,780,582	72,666,665
1928	794	114,660,886	17,963	14,682,510	39,750,561	67,413,742
1929	860	117,965,970	18,517	15,712,322	40,453,535	71,433,966
1930	924	140,611,530	18,422	14,988,441	33,897,264	63,468,262
1931	872	128,859,472	13,107 ^{1/}	12,706,897	25,631,856	55,209,818

1/ For explanation of large decrease, see page 1, paragraph marked (x).

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 4.

MANUFACTURING STATISTICS OF NEW BRUNSWICK, 1931.

Table 2. - Principal Statistics of the Province of New Brunswick Compared for 1930 and 1931.

	1930	1931	+	Increase
			-	Decrease
Establishments reporting	No. 924	872	-	52
Capital invested	\$ 140,611,530	128,859,472	-	11,752,058
Employees on salaries -				
Male	No. 1,356	1,482	+	126
Female	No. 386	407	+	21
Salaries	\$ 3,155,093	3,245,726	+	90,633
Employees on wages 1/ -				
Male	No. 13,508	9,281	-	4,227
Female	No. 3,172	1,937	-	1,235
Wages	\$ 11,833,348	9,461,171	-	2,372,177
Cost of fuel	\$ 1,743,591	1,719,539	-	24,052
Primary power equipment	H.P. 189,274	226,813	+	37,539
Cost of materials	\$ 33,897,264	25,631,856	-	8,265,408
Gross value of Products	\$ 63,468,262	55,209,818	-	8,258,444
Net value of products	\$ 29,570,998	29,577,962	+	6,964

1/ For explanation of large decrease, see page 1, paragraph marked (x).

Table 3. - Statistics of the Leading Industries of New Brunswick, 1931.

Industries	Estab- lish- ments	Capital Invested	Em- ploys ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Pulp and paper	6	49,837,064	2,055	2,353,023	4,969,095	13,409,525
Sawmills	246	10,252,845	1,785	960,518	2,203,158	3,534,442
Central electric stations	40	30,588,422	432	534,167	-	2,931,097
Fish curing and packing	165	2,209,364	704	305,086	1,587,181	2,351,659
Coffee, tea and spices	5	1,476,217	132	158,847	1,725,382	2,229,186
Biscuits, confec- tionery, etc.	9	1,862,515	476	393,105	735,479	1,947,515
Butter and cheese .	34	1,034,659	183	188,749	989,032	1,538,955
Bread and other bakery products ..	67	860,895	358	368,093	739,181	1,492,790
Printing and publishing	21	1,196,660	493	595,258	206,527	1,257,433

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 4. - MANUFACTURING STATISTICS OF NEW BRUNSWICK, 1931.

Table 3. - Statistics of the Leading Industries of New Brunswick, 1931. - (Concl'd.)

Industries	Estab- lish- ments	Capital Invested	Em- plovees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing	9	396,173	115	138,500	893,490	1,134,308
Castings and forgings	11	1,986,606	454	530,149	325,069	1,076,739
Flour and feed mills.	30	315,924	70	56,730	764,646	1,066,028
Planing mills	25	1,232,272	390	367,848	385,323	1,004,355
All other leading industries 1/	6	14,855,528	2,668	3,039,426	6,194,464	11,158,400
TOTAL, LEADING INDUSTRIES	674	118,085,144	10,315	9,989,499	21,718,027	46,132,492
TOTAL, ALL INDUSTRIES	872	128,859,472	13,107	12,706,897	25,631,856	55,209,818

1/ Includes Cotton yarn and cloth, Sugar refineries and Railway rolling stock.

Table 4. - Statistics of the Leading Cities and Towns of the Province of New Brunswick, 1931.

Cities and Towns	Estab- lish- ments	Capital Invested	Em- plovees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Saint John	130	19,716,885	2,689	3,104,124	9,473,612	12,270,076
Moncton	51	7,839,412	2,314	2,677,596	2,804,880	6,723,864
Edmundston	11	16,383,961	521	470,121	1,672,051	3,594,178
St. Stephen	19	2,357,423	560	528,251	1,094,183	2,579,821
Fredericton	29	2,511,552	449	448,985	596,866	1,411,142
Milltown	3	2,238,272	466	398,361	741,455	1,252,298
Grand Falls	11	15,225,922	117	105,630	97,904	1,119,017
Bathurst	16	9,027,321	369	407,749	560,279	1,059,870
Sussex	11	637,135	121	136,583	350,239	758,095
Sackville	14	1,652,044	351	326,877	213,313	733,712
Campbellton	14	1,398,556	262	235,153	328,705	716,907
Newcastle	15	2,124,947	201	140,591	327,049	527,916
Chatham	9	2,804,391	200	158,524	226,381	436,626
Woodstock	17	687,714	75	71,818	53,137	252,397
St. George	6	391,678	37	39,998	62,663	142,777
Port Elgin	6	127,374	51	33,454	70,132	139,621
Hartland	5	91,312	31	21,201	45,428	106,361
TOTAL OF LEADING CITIES AND TOWNS	367	85,215,899	8,414	9,305,016	18,723,277	33,824,698

MANUFACTURING STATISTICS OF THE

SECTION 4. - MANUFACTURING

Table 5. - Principal Statistics by Groups of

Groups of Industries	Estab-	Capital
	lish- ments	Invested
	No.	\$
Vegetable products	122	11,559,392
Animal products	224	4,442,232
Textiles and textile products	37	6,825,208
Wood and paper products	365	64,753,001
Iron and its products	21	6,396,241
Non-ferrous metal products 1/	2	-
Non-metallic mineral products	47	1,807,950
Chemicals and chemical products	10	1,145,164
Miscellaneous industries	4	632,329
Central electric stations	40	30,588,422
TOTAL	872	128,859,472

1/ The statistics of non-ferrous metal products are included in the total.

Table 6. - Principal Statistics of the

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Vegetable products	122	11,559,392	202	81	612,163
Biscuits, confectionery, cocoa, chocolate, etc.	9	1,862,515	51	34	145,293
Bread and other bakery products .	67	860,895	35	11	51,141
Coffee, tea and spices	5	1,476,217	26	6	84,693
Flour and feed mills	30	515,924	23	3	17,073
Fruit and vegetable preparations.	4	75,913	6	-	9,475
All other industries	7	6,967,928	61	27	304,488
Animal products	224	4,442,232	216	47	312,344
Boots and shoes, leather	4	639,001	21	14	69,365
Butter and cheese	34	1,034,659	63	15	80,370
Fish curing and packing	165	2,209,364	102	11	98,609
Harness and saddlery	8	109,990	7	2	10,144
Slaughtering and meat packing ...	9	396,173	22	5	51,706
All other industries	4	53,045	1	-	2,150
Textile products	37	6,825,208	77	35	137,588
Clothing, factory, women's	3	43,807	3	3	10,048

MARITIME PROVINCES, 1931.

STATISTICS OF NEW BRUNSWICK, 1931.

Industries, Province of New Brunswick, 1931.

Employees on Salaries			Employees on Wages			Cost of Materials	Gross Value of Products
Male	Female	Salaries	Male	Female	Wages		
No.	No.	\$	No.	No.	\$	\$	\$
202	81	612,163	831	392	1,068,909	8,369,295	13,713,607
216	47	312,344	695	372	599,750	3,847,072	5,816,520
77	35	187,588	785	961	1,133,709	1,657,769	3,690,603
512	138	1,148,430	4,460	134	3,756,677	8,559,391	20,986,826
148	35	393,726	1,695	7	2,008,109	1,691,330	4,492,793
-	-	-	-	-	-	-	-
54	15	101,777	225	1	199,657	186,817	939,472
31	5	80,075	80	8	86,359	943,915	1,607,304
29	11	85,134	92	45	158,652	279,944	544,755
171	36	261,419	225	-	272,748	-	2,931,097
1,482	407	3,245,726	9,281	1,937	9,461,171	25,631,856	55,209,318

Manufacturing Establishments in New Brunswick, 1931.

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
831	392	1,068,909	8,369,295	13,713,607	5,349,312
162	229	247,812	735,479	1,947,515	1,212,036
235	77	316,952	739,131	1,492,790	753,609
37	63	74,154	1,725,382	2,229,196	503,804
44	-	39,657	764,646	1,066,088	301,442
7	15	11,291	60,140	118,650	53,510
346	8	379,043	4,344,467	6,864,378	2,519,911
695	372	599,750	3,847,072	5,816,520	1,969,448
156	89	164,024	320,510	660,873	340,363
104	1	108,379	989,032	1,538,955	549,923
321	270	206,477	1,537,131	2,351,659	764,478
23	2	20,309	34,257	74,261	40,004
83	5	86,794	893,490	1,134,308	240,818
8	5	13,767	22,602	56,464	33,862
785	961	1,133,709	1,657,769	3,690,603	2,032,834
13	31	27,439	98,042	151,560	53,518

MANUFACTURING STATISTICS OF

SECTION 4. - MANUFACTURING

Table 6. - Principal Statistics of the Manufacturing

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Textile products - Concl'd. -					
Dyeing, cleaning and laundry work	15	495,210	19	15	46,253
Hats and caps	3	46,129	5	1	8,742
Woollen yarns	5	58,135	5	-	3,200
All other industries	11	6,181,927	45	16	119,345
Wood and paper products	365	64,753,001	512	138	1,148,430
Boats and canoes	4	134,550	6	1	12,465
Boxes and bags, paper	3	193,829	6	1	14,104
Boxes, wooden	3	129,674	6	2	11,640
Carriages, wagons and sleighs .	18	157,209	24	-	17,667
Cooperage	4	26,860	2	-	630
Furniture	8	176,369	17	1	23,113
Planing mills, sash and door factories	25	1,232,272	51	11	92,598
Printing and bookbinding	19	325,721	33	12	62,767
Printing and publishing	21	1,196,660	97	57	282,435
Pulp and paper	6	49,837,064	162	29	423,727
Sawmills	246	10,252,845	83	15	143,980
All other industries	8	1,089,948	25	9	63,304
Iron and its products	21	6,396,241	148	35	393,726
Castings and forgings	11	1,986,606	62	29	178,834
Hardware and tools	3	112,228	4	2	6,494
Sheet metal products	3	63,761	3	-	7,250
All other industries	4	4,233,646	79	4	201,148
Non-ferrous metal products 1/ ...	2	-	-	-	-
Non-metallic mineral products ...	47	1,807,950	54	15	101,777
Aerated and mineral waters	22	589,738	18	6	36,715
Cement products	4	35,298	3	-	1,754
Clay products, domestic	5	290,100	8	1	20,084
Lime	4	145,100	5	1	9,900
Stone, monumental and ornamental	8	77,396	6	3	11,537
All other industries	4	670,318	14	4	21,787
Chemicals and allied products ...	10	1,145,164	31	5	80,075
Fertilizers	4	487,245	10	-	19,503
All other industries	6	657,919	21	5	60,572
Miscellaneous industries	4	632,329	29	11	85,134
Central electric stations	40	30,588,422	171	36	261,419
GRAND TOTAL	872	128,859,472	1,482	407	3,245,726

1/ Included in the grand total.

THE MARITIME PROVINCES, 1931.

STATISTICS OF NEW BRUNSWICK, 1931.

Establishments in New Brunswick, 1931. - (Concl'd.)

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
77	134	139,253	38,135	463,175	425,040
4	12	9,261	15,455	43,089	27,634
7	10	5,662	6,570	32,459	25,889
684	774	952,094	1,499,567	3,000,320	1,500,753
4,460	134	3,756,677	8,559,391	20,986,826	12,427,435
21	-	17,421	24,867	67,579	42,712
17	24	25,794	39,846	100,950	61,104
70	-	46,623	87,483	180,187	92,704
29	-	27,037	21,621	77,778	56,157
9	-	9,058	21,038	38,733	17,695
57	1	60,793	97,415	247,454	150,039
325	3	275,250	385,323	1,004,355	619,032
84	26	121,045	99,118	352,545	253,427
168	72	312,823	206,527	1,257,433	1,050,906
1,864	-	1,929,296	4,969,095	13,409,525	8,440,430
1,679	8	816,538	2,203,158	3,534,442	1,531,284
137	-	114,999	403,900	715,845	311,945
1,695	7	2,008,109	1,691,330	4,492,793	2,801,463
356	7	351,315	325,069	1,076,739	751,670
15	-	13,003	12,628	46,373	33,745
29	-	30,954	19,405	102,660	83,255
1,295	-	1,612,837	1,334,228	3,267,021	1,932,793
-	-	-	-	-	-
225	1	199,657	186,817	939,472	752,655
61	1	57,425	94,154	378,934	284,730
10	-	6,532	11,938	31,024	19,036
68	-	46,728	-	143,348	143,348
44	-	40,869	-	127,054	127,054
19	-	22,462	18,361	78,458	60,097
23	-	25,641	62,364	180,654	118,290
80	8	86,359	943,915	1,607,304	663,389
46	-	42,957	556,176	762,633	206,457
34	8	43,402	387,739	844,671	456,932
92	45	158,652	279,944	544,755	264,811
225	-	272,748	-	2,931,097	2,931,097
9,281	1,937	9,461,171	25,631,856	55,209,818	29,577,962

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 4.

MANUFACTURING STATISTICS OF NEW BRUNSWICK, 1931.

Table 7. - Capital Investment, New Brunswick, 1931.

Groups of Industries	Fixed Capital		Working Capital		Total Capital
	Land, Buildings, Fixtures, Machinery and Tools	Materials on hand, Stocks in process, fuel and miscellaneous supplies on hand.	Inventory value of finished products on hand	Operating Capital (cash, bills and accounts receivable), prepaid expenses, etc.	
	\$	\$	\$	\$	\$
Vegetable products	4,720,980	1,424,611	660,085	4,753,716	11,559,392
Animal products	2,798,612	573,226	159,285	911,109	4,442,232
Textiles and textile products	4,847,969	476,150	604,748	896,341	6,825,208
Wood and paper products	40,361,335	5,332,129	2,802,788	16,256,749	64,753,001
Iron and its products	4,399,941	228,996	1,090,002	677,302	6,396,241
Non-ferrous metal products ..	298,122	105,263	125,525	180,623	709,533
Non-metallic mineral products	933,298	247,437	85,294	541,921	1,807,950
Chemicals and chemical products	487,977	274,866	67,494	514,827	1,145,164
Miscellaneous industries	273,931	167,840	99,397	91,161	632,329
Central electric stations ...	29,121,495	247,978	-	1,218,949	30,588,422
TOTAL	88,243,660	9,078,496	5,694,618	25,842,698	128,859,472

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 4. - MANUFACTURING STATISTICS OF NEW BRUNSWICK, 1931.

Table 8. - Power Equipment by Groups of Industries, Province of New Brunswick, 1931.

Groups of Industries	Steam	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Electric Motors			Total power equipment for manufacturing purposes
	engines and turbines				Operated by purchased power	Operated by owned power	Total Electric Power	
	H.P.				H.P.	H.P.	H.P.	
Vegetable products ...	3,195	84	654	3,933	1,610	2,228	3,838	5,543
Animal products	1,072	599	-	1,671	607	200	807	2,278
Textiles and textile products	4,461	325	4,228	9,014	2,869	977	3,846	11,883
Wood and paper products	51,741	1,184	18,536	71,461	69,333	38,036	107,369	140,794
Iron and its products.	1,871	859	-	2,730	6,099	50	6,149	8,829
Non-ferrous metal products	-	-	-	-	764	-	764	764
Non-metallic mineral products	287	300	-	587	371	227	598	958
Chemicals and chemical products	-	12	-	12	187	-	187	199
Miscellaneous in- dustries	220	-	-	220	283	-	283	503
TOTAL MANU- FACTURING INDUSTRIES,								
1931	62,847	3,363	23,418	89,628	82,123	41,718	123,841	171,751
1930	62,852	3,287	13,950	80,039	47,248	33,456	80,704	127,337
1929	49,274	2,568	13,457	65,299	35,159	9,865	45,024	100,458
1928	44,987	2,629	9,154	56,770	35,755	22,221	57,976	92,525
1927	54,123	2,638	12,974	69,785	12,747	24,618	37,365	82,532
Central electric								
stations, 1931	30,530	1,170	105,485	137,185	-	-	-	137,185
1930	22,530	1,170	85,485	109,185	-	-	-	109,185
1929	22,695	1,132	85,160	108,987	-	-	-	108,987
1928	11,685	1,519	45,760	58,964	-	-	-	58,964
1927	11,844	1,524	25,160	38,528	-	-	-	38,528

MANUFACTURING STATISTICS OF THE MARITIME PROVINCES, 1931.

SECTION 4. - MANUFACTURING STATISTICS OF NEW BRUNSWICK, 1931.

Table 9. - Fuel Consumption by Groups of Industries, Province of New Brunswick, 1931.

Groups of Industries	Bituminous Coal		Anthracite and Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
	Quantity	Value								
	Tons	\$	\$							
Vegetable products ..	32,663	150,235	4,135	15,721	239	9,750	16,220	7,391	-	203,691
Animal products	6,801	43,568	542	119	1,836	5,619	13,777	1,026	749	67,236
Textiles and textile products	22,370	105,875	1,727	-	8	-	3,856	4,644	-	116,110
Wood and paper products	174,093	925,050	1,268	603	6,489	4,047	11,527	5,170	6,018	960,172
Iron and its products	17,973	68,419	390	776	71	1,470	387	2,261	-	73,774 ²
Non-ferrous metal products	1,765	6,510	-	2,669	-	8,773	-	-	-	17,952
Non-metallic mineral products	4,298	27,391	325	10,266	707	2,986	41,961	1,208	1,893	66,737
Chemicals and chemical products ..	2,531	15,760	-	-	15	21	48	-	-	15,844
Miscellaneous industries	750	6,565	50	-	-	-	10	-	-	6,625
Central electric stations	29,993	155,168	1,500	-	-	14,572	158	-	-	171,398
TOTAL	293,242	1,504,541	9,937	30,154	9,365	47,238	87,944	21,700	8,660	1,719,539

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