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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

MANUFACTURING INDUSTRIES

OF THE

PRAIRIE PROVINCES

1931

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MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section I.

This report is divided into four sections. Section one deals with the three provinces as a group, and the tables included therein review the principal statistics of the group from 1926 to 1931, together with the ten leading industries and leading cities and towns in 1931.

Sections 2, 3 and 4 deal with the provinces of Manitoba, Saskatchewan and Alberta respectively, and the tables included therein illustrate their manufacturing activities in recent years.

In 1931, the Prairie Provinces continued to suffer from the effects of the general depression prevailing throughout the world. The gross value of products declined from \$299,016,538 in 1930 to \$231,173,427, a decrease of \$67,843,111 or 22.7 per cent. The number of employees dropped from 47,835 to 42,052, a decrease of 5,783 while the amount of salaries and wages paid them declined from \$60,262,861 to \$52,466,665, a loss of \$7,796,196. The value of materials used was \$113,780,179 in 1931 and \$163,991,306 in 1930, a decrease in value of \$50,211,127. The number of establishments reporting and the capital investment, however, recorded increases in 1931, the former by seventy-seven establishments to a total of 2,609 and the latter from \$363,829,575 to \$367,910,780, an increase of \$4,081,205.

(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 twelve 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 seventy-five 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 twelve. 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.

From the standpoint of gross value of production, the slaughtering and meat packing industry with an output valued at \$29,134,827 was first in importance in 1931. This was closely followed by flour and feed mills, the output of which was valued at \$27,836,393; together these two industries accounted for almost 24 per cent of the total

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production. The principal statistics of the ten leading industries are reviewed in table 2.

Table 3 shows the principal statistics of the leading cities and towns in the three provinces. In gross value of production the city of Winnipeg led with an output valued at \$73,723,211. This was more than twice the output of Calgary which had the next largest production amounting to \$28,000,169.

Detailed statistics of the manufacturing activities of Manitoba, Saskatchewan and Alberta follow in the order named.

Table 1. - Principal Statistics of the Prairie Provinces Compared for the Years 1926-1931.

Year	Estab-lish-ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Gross Value of Products \$
1926	2,220	233,857,270	36,338	46,179,949	153,955,096	263,252,180
1927	2,356	271,425,025	39,999	49,727,230	161,219,235	278,190,097
1928	2,386	296,533,735	44,166	55,976,092	180,297,184	317,731,838
1929	2,501	339,678,100	48,113	61,057,380	201,899,077	351,066,023
1930	2,532	363,829,575	47,835	60,262,861	163,991,306	299,016,538
1931	2,609	367,910,780	42,052	52,466,665	113,780,179	231,173,427

Table 2. - Principal Statistics of the Ten Leading Industries of the Prairie Provinces, 1931.

	Estab-lish-ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Gross Value of Products \$
Slaughtering and meat packing	20	13,191,649	2,702	3,286,110	22,146,634	29,134,827
Flour and feed mills ..	173	26,018,107	1,722	1,996,029	19,024,749	27,836,393
Butter and cheese	244	12,837,271	2,272	3,033,264	13,590,089	20,305,427
Railway rolling stock .	7	21,223,235	7,064	8,968,938	8,060,259	17,638,335
Central electric stations	238	119,193,039	2,782	4,090,708	-	15,908,379
Petroleum products	13	12,992,926	611	908,005	10,946,939	15,856,792
Printing and publishing	284	10,296,883	2,747	4,716,055	1,887,527	10,622,350
Breweries	23	14,864,664	936	1,442,697	2,457,215	8,483,476
Bread and other bakery products	443	8,918,738	2,351	2,402,696	3,815,911	8,344,656
Printing and bookbinding	149	5,978,820	1,710	2,301,583	1,484,063	4,845,125
TOTAL, TEN LEADING INDUSTRIES	1,594	245,515,332	24,897	33,146,085	83,413,386	158,975,760
TOTAL, PRAIRIE PROVINCES	2,609	367,910,780	42,052	52,466,665	113,780,179	231,173,427

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

Cities and Towns	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of Materials	Gross Value of Products
	lish- ments		ployees			
	No.	\$	No.	\$	\$	\$
Winnipeg, Manitoba ..	543	129,849,693	17,693	22,292,946	32,005,602	73,723,211
Calgary, Alberta	155	35,831,172	4,502	5,643,894	15,807,725	28,000,169
Edmonton, Alberta ...	159	23,212,331	4,084	5,127,350	10,348,760	20,123,405
St. Boniface, Manitoba	43	8,901,905	1,517	1,821,806	11,946,530	17,984,916
Regina, Saskatchewan.	89	31,148,534	2,215	3,036,910	8,141,098	17,537,346
Saskatoon, Sask.	73	10,033,113	1,267	1,723,594	4,928,368	10,003,123
Moose Jaw, Sask.	35	14,151,989	782	1,005,350	4,538,482	7,608,042
Transcona, Manitoba .	4	6,680,595	2,021	2,796,453	3,359,215	6,645,128
Medicine Hat, Alberta	21	6,452,272	554	648,573	3,051,232	4,842,541
Lethbridge, Alberta .	24	2,992,234	342	460,539	807,334	2,334,594
Prince Albert, Sask..	20	1,573,066	321	380,627	1,093,006	2,219,682
Brandon, Manitoba ...	38	2,991,376	380	456,660	1,026,013	2,120,481
Portage La Prairie, Man.	12	876,633	141	158,787	996,694	1,609,666
Raymond, Alberta	4	3,123,510	131	183,405	907,526	1,519,238
Selkirk, Manitoba ...	9	2,087,156	358	361,126	297,771	1,104,330
TOTAL, LEADING CITIES AND TOWNS	1,229	279,905,579	36,303	46,098,070	99,255,356	197,380,872
TOTAL FOR THE PRAIRIE PROVINCES ...	2,609	367,910,780	42,052	52,466,665	113,780,179	231,173,427

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Of the three Prairie Provinces, the province of Manitoba is the most industrialized. In 1931, establishments reporting to the Census of Manufactures numbered 955. These plants represented a capital investment of \$191,935,311; they furnished employment to 24,193 persons who were paid \$30,706,209 in salaries and wages. They also spent \$55,149,392 for materials and produced goods with a selling value at the factory of \$118,540,865.

The dominant industry in Manitoba is that of slaughtering and meat packing with a value of production in 1931 of \$15,864,297. This was followed by railway rolling stock with a value of production of \$13,729,251. Other industries of importance from the standpoint of value of production were: flour and feed mills, butter and cheese, central electric stations, etc.

Statistics by industrial groups for 1930 and 1931 are shown in table 4. Animal products with an output valued at \$25,721,566 led all the other groups in 1931. This was followed by vegetable products with a value of production of \$21,852,033, iron and its products \$20,930,796, wood and paper products \$17,310,420, textiles and textile products \$9,612,218, etc.

Table 5 contains the principal statistics of the industries composing the various groups reviewed in table 4.

Table 6 shows the principal statistics of the leading cities and towns in Manitoba. Winnipeg led with an output of \$73,723,211 which was over 62 per cent of the total production of the province.

Table 7 gives the principal statistics of the industries located in Winnipeg.

The capital investment by groups of industries is shown in table 8. Fixed capital comprising land, buildings, machinery and tools totalled \$149,376,542, an increase of \$7,184,208, while working capital comprising inventories of raw materials and finished products, cash and bills and accounts receivable totalled \$42,558,769, a decrease of \$3,662,061.

Power equipment and statistics of fuel consumed are shown in tables 9 and 10 respectively.

Table 1. - Principal Statistics of the Manufacturing Industries of the Province of Manitoba, 1926-1931.

Year	Estab-lish-ments No.	Capital Invested \$	Em-ployees No.	Salaries and Wages \$	Cost of Materials \$	Gross Value of Products \$
1926	797	127,445,924	21,201	26,973,850	75,000,529	132,718,452
1927	859	151,373,047	23,031	28,934,926	78,862,212	141,441,124
1928	871	159,721,124	25,166	32,569,223	87,347,743	158,498,144
1929	923	173,152,948	26,318	34,158,583	88,055,264	163,806,010
1930	937	188,413,164	26,488	33,941,235	74,761,265	142,424,990
1931	955	191,935,311	24,193 ^{1/}	30,706,209	55,149,392	118,540,865

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

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

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

Principal Statistics	1930	1931	∕ Increase - Decrease
Establishments reporting No.	937	955	∕ 18
Capital invested \$	188,413,164	191,935,311	∕ 3,522,147
Employees on salaries ^x -			
Male No.	3,177	3,587	∕ 410
Female No.	930	957	∕ 27
Total salaries \$	8,048,138	8,580,342	∕ 532,204
Employees on wages -			
Male No.	18,787	16,437	- 2,350
Female No.	3,594	3,212	- 382
Total wages \$	25,893,097	22,125,867	- 3,767,230
Cost of fuel \$	2,521,758	1,918,066	- 603,692
Primary power equipment H.P.	403,653	426,714	∕ 23,061
Cost of materials \$	74,761,265	55,149,392	- 19,611,873
Gross value of products \$	142,424,990	118,540,865	- 23,884,125
Net value of products \$	67,663,725	63,391,473	- 4,272,252

^x The increase in the number of salaried employees and salaries paid is due to the following changes made in the instructions accompanying the schedules.

1. - Prior to 1931, owners who were working as ordinary wage-earners, such as small bakers, reported themselves as wage-earners. In 1931, however, all such owners were required to report themselves as salaried employees.
2. - In 1931, travelling salesmen who were attached to the plant and devoted all or the greater part of their time in selling the products of that plant were included with salaried employees. Prior to this they were not reported at all.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Table 3. - Principal Statistics of the Leading Industries of the Province of Manitoba, 1931.

Industries	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing	8	4,036,584	1,166	1,448,923	12,238,585	15,864,297
Railway rolling stock	4	14,379,405	5,345	6,819,632	6,389,126	13,729,251
Flour and feed mills	38	5,242,316	524	546,344	5,896,260	8,407,008
Butter and cheese	72	4,958,838	989	1,449,466	4,832,398	7,880,745
Central electric stations ..	39	66,235,343	1,244	2,001,487	-	6,778,905
Printing and publishing	72	4,352,833	1,165	2,022,985	803,197	4,691,546
Bread and other bakery products	133	3,052,782	958	1,002,683	1,569,133	3,393,408
Printing and bookbinding ...	72	3,998,755	1,189	1,582,427	1,040,030	3,328,761
Breweries	7	4,883,673	473	737,216	724,668	3,224,507
Bags, cotton and jute	6	1,998,080	229	276,265	2,062,397	2,723,128
Coffee, tea and spices	8	1,606,502	159	197,295	1,711,488	2,430,769
Clothing, factory, women's ..	23	887,994	632	551,539	1,276,720	2,103,119
Furnishing goods, men's	15	1,641,075	763	560,984	1,086,433	1,963,224

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Table 3. - Principal Statistics of the Leading Industries of the Province of Manitoba, 1931. - (Concl'd.)

Industries	Estab- lish- ments	Capital Invested	Em- p- loyees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Dyeing, cleaning and laundry work	22	1,838,128	887	864,306	190,647	1,729,588
Biscuits, confectionery, cocoa, etc.	19	1,852,019	453	458,242	803,839	1,540,171
Sheet metal products	14	2,809,156	500	610,387	524,611	1,350,471
Coke and gas products	4	5,506,875	184	232,949	475,333	1,183,196
Planing mills, sash and door factories	15	2,115,474	327	394,254	539,472	1,074,561
Boxes and bags, paper	8	1,376,478	246	269,826	547,690	1,068,377
Fur goods	18	717,345	271	278,006	586,949	1,048,180
All other leading industries ^{1/}	7	31,176,717	1,516	2,833,811	4,425,055	14,981,792
TOTAL, LEADING INDUSTRIES	604	164,666,372	19,220	25,139,027	47,724,051	100,495,004
GRAND TOTAL, ALL INDUSTRIES	955	191,935,311	24,193	30,706,209	55,149,392	118,540,825

^{1/} Includes Pulp and paper, Bridge and structural steel work, Non-ferrous metal smelting and refining, Cement and Malt products.

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Table 4. - Principal Statistics by Groups of

Groups of Industries	Estab- lish- ments No.	Capital Invested \$	Employees on	
			Male No.	Female No.
<u>1930</u>				
Vegetable products	216	23,655,837	327	111
Animal products	124	10,203,303	431	144
Textiles and textile products	89	7,087,379	168	92
Wood and paper products	286	28,921,093	766	257
Iron and steel products	55	25,163,767	695	101
Non-ferrous metal products	18	7,143,515	54	18
Non-metallic mineral products	53	18,985,064	132	40
Chemicals and chemical products	33	5,071,012	152	63
Miscellaneous industries	24	2,430,918	53	27
Central electric stations	39	59,751,276	399	77
TOTAL, 1930	937	188,413,164	3,177	930
<u>1931</u>				
Vegetable products	223	22,011,686	444	113
Animal products	131	10,598,230	466	137
Textiles and textile products	97	7,337,541	199	100
Wood and paper products	278	27,915,622	908	278
Iron and steel products	52	27,094,805	644	94
Non-ferrous metal products	20	9,996,206	91	23
Non-metallic mineral products	55	14,480,104	142	41
Chemicals and chemical products	35	4,546,589	205	61
Miscellaneous industries	25	1,719,185	87	15
Central electric stations	39	66,235,343	401	95
TOTAL, 1931	955	191,935,311	3,587	957

THE PRAIRIE PROVINCES, 1931.

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THE PROVINCE OF MANITOBA, 1931.

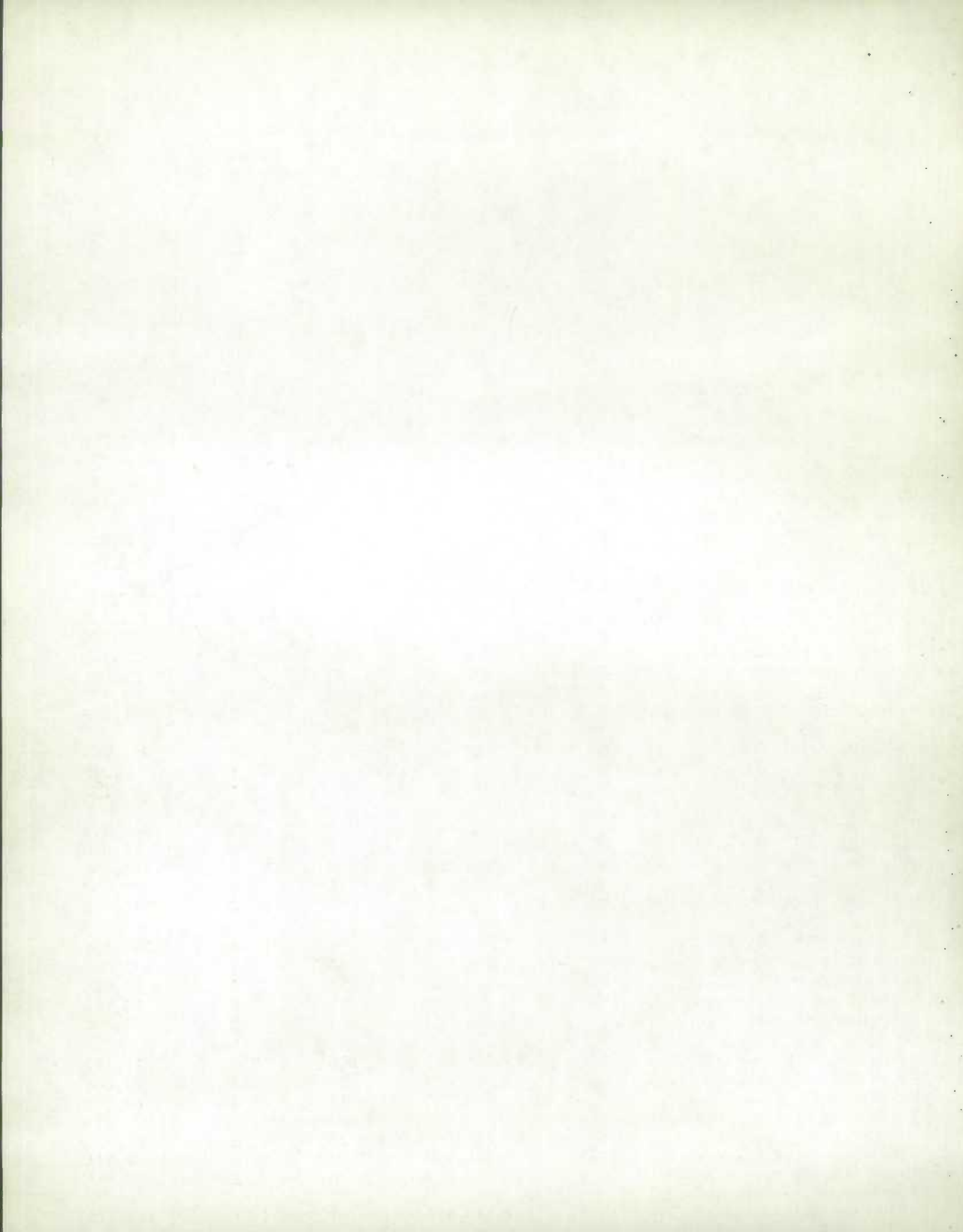
Industries, Province of Manitoba, 1930 and 1931.

Salaries	Employees on Wages		Wages	Cost of Materials	Gross Value of Products
	Male	Female			
\$	No.	No.	\$	\$	\$
904,671	2,080	542	2,655,996	18,893,111	30,093,182
951,427	1,796	318	2,482,421	22,518,658	30,625,544
564,327	833	1,954	2,270,264	6,360,213	10,891,812
2,087,853	3,619	600	4,926,058	7,249,244	20,930,284
1,820,194	7,723	1	10,391,377	14,118,023	29,042,961
158,800	235	5	252,161	1,568,811	2,335,879
295,225	847	24	882,012	1,326,081	5,971,059
368,976	274	92	360,933	1,936,600	4,011,464
131,682	327	58	357,212	790,524	1,748,342
754,983	1,053	-	1,314,663	-	6,574,463
8,048,138	18,787	3,594	25,893,097	74,761,265	142,424,990
1,008,069	1,848	429	2,289,677	12,449,343	21,852,033
997,233	1,802	306	2,410,056	18,140,194	25,721,566
607,419	837	1,796	1,964,548	5,207,916	9,612,218
2,214,440	2,842	523	3,997,019	5,376,936	17,310,420
1,659,467	6,638	2	8,003,773	8,313,769	20,930,796
300,373	594	4	1,104,560	2,344,379	7,091,919
238,468	612	19	647,792	1,309,338	4,624,968
395,371	231	84	331,237	1,451,165	3,256,757
212,819	285	49	277,401	556,352	1,361,283
901,683	748	-	1,099,804	-	6,778,905
8,580,342	16,437	3,212	22,125,867	55,149,392	118,540,865

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Table 5. - Principal Statistics of the

INDUSTRY	Establishments	Value of Products	Employed on Salaries		
			Total	Female	Whites
Vegetable products	223	22,011,698	444	113	1,003,092
Biscuits, confectionery, cocoa, etc.	19	1,852,019	50	22	116,156
Bread and other bakery products	133	3,052,782	81	40	136,723
Breweries	7	4,883,673	100	11	333,772
Coffee, tea and spices	8	1,606,502	31	17	103,827
Flour and feed mills	38	5,242,316	129	11	189,592
Fruit and vegetable preparations	5	514,565	13	6	32,205
All other industries	13	4,859,829	40	6	90,794
Animal products	131	10,598,230	466	137	997,233
Butter and cheese	72	4,958,838	196	72	401,512
Fur goods	18	717,345	27	15	76,125
Gloves and mittens, leather.	3	264,467	14	5	27,113
Harness and saddlery	13	282,702	15	-	11,011
Leather tanneries	3	47,922	4	3	4,402
Sausage and sausage casings.	6	115,889	8	1	15,133
Slaughtering and meat packing	8	4,036,584	192	39	449,529
Trunks and bags, leather ...	4	58,447	2	1	2,275
All other industries	4	116,036	8	1	10,133
Textiles and textile products..	97	7,337,541	199	100	607,419
Awnings, tents and sails ...	5	70,375	6	1	11,640
Bags, cotton and jute	6	1,998,080	22	6	101,852
Clothing, factory, men's ...	7	162,671	14	4	24,499
Clothing, factory, women's .	23	887,994	36	28	116,099
Dyeing, cleaning and laundry work	22	1,838,128	46	34	155,431
Furnishing goods, men's	15	1,641,075	40	17	131,810
Hats and caps	8	166,331	11	3	22,623
Hosiery and knitted goods ..	6	321,183	17	5	33,859
All other industries	5	251,704	7	2	9,606
Wood and paper products	278	27,915,622	908	278	2,214,440
Boxes and bags, paper	8	1,376,478	36	14	99,601
Boxes, wooden	7	363,727	15	4	26,655
Engraving, stereotyping and electrotyping	5	256,562	24	8	81,834
Furniture	22	235,970	29	5	32,841
Miscellaneous wooden products	4	55,392	5	1	6,544
Planing mills, sash and door factories	15	2,115,474	47	7	114,418



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Table 5. - Principal Statistics of the

Industries	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Vegetable products	223	22,011,686	444	113	1,003,069
Biscuits, confectionery, cocoa, etc.	19	1,852,019	50	22	116,156
Bread and other bakery products	133	3,052,782	81	40	136,723
Breweries	7	4,883,673	100	11	333,772
Coffee, tea and spices	8	1,606,502	31	17	103,827
Flour and feed mills	38	5,242,316	129	11	139,592
Fruit and vegetable preparations	5	514,565	13	6	32,205
All other industries	13	4,859,829	40	6	90,794
Animal products	131	10,598,230	466	137	997,233
Butter and cheese	72	4,958,338	196	72	401,512
Fur goods	18	717,345	27	15	76,125
Gloves and mittens, leather.	3	264,467	14	5	27,113
Harness and saddlery	13	282,702	15	-	11,011
Leather tanneries	3	47,922	4	3	4,402
Sausage and sausage casings.	6	115,889	8	1	15,133
Slaughtering and meat packing	8	4,036,584	192	39	449,529
Trunks and bags, leather ...	4	58,447	2	1	2,275
All other industries	4	116,036	8	1	10,133
Textiles and textile products.	97	7,337,541	199	100	607,419
Awnings, tents and sails ...	5	70,375	6	1	11,640
Bags, cotton and jute	6	1,998,080	22	6	101,852
Clothing, factory, men's ...	7	162,671	14	4	24,499
Clothing, factory, women's .	23	887,994	36	28	116,099
Dyeing, cleaning and laundry work	22	1,838,128	46	34	155,431
Furnishing goods, men's	15	1,641,075	40	17	131,810
Hats and caps	8	166,331	11	3	22,623
Hosiery and knitted goods ..	6	321,183	17	5	33,859
All other industries	5	251,704	7	2	9,606
Wood and paper products	278	27,915,622	908	278	2,214,440
Boxes and bags, paper	8	1,376,478	36	14	99,601
Boxes, wooden	7	363,727	15	4	26,655
Engraving, stereotyping and electrotyping	5	256,562	24	8	81,834
Furniture	22	235,970	29	5	32,841
Miscellaneous wooden products	4	55,392	5	1	6,544
Planing mills, sash and door factories	15	2,115,474	47	7	114,418

PRAIRIE PROVINCES, 1931.

2.

PROVINCE OF MANITOBA, 1931.

Industries in the Province of Manitoba, 1931.

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
1,848	429	2,289,677	12,449,343	21,852,033	9,402,690
179	202	342,086	803,839	1,540,171	736,332
766	71	865,960	1,569,133	3,393,408	1,824,275
359	3	403,444	724,668	3,224,507	2,499,839
47	64	93,468	1,711,488	2,430,769	719,281
366	18	356,752	5,896,260	8,407,008	2,510,748
17	49	50,126	139,156	338,443	199,287
114	22	177,841	1,604,799	2,517,727	912,928
1,802	306	2,410,056	18,140,194	25,721,566	7,581,372
689	32	1,047,954	4,832,398	7,880,745	3,048,347
125	104	201,881	586,949	1,048,180	461,231
47	60	55,095	147,699	313,708	166,009
41	-	36,159	109,235	161,746	52,511
8	1	5,172	7,114	29,299	22,185
26	-	36,548	186,936	287,917	100,981
832	103	999,394	12,238,585	15,864,297	3,625,712
11	1	6,848	10,122	26,995	16,873
23	5	21,005	21,156	108,679	87,523
837	1,796	1,964,548	5,207,916	9,612,218	4,404,302
7	8	12,513	35,836	76,012	40,176
74	127	174,413	2,062,397	2,723,128	660,731
56	66	81,981	227,994	363,459	135,465
240	328	435,440	1,276,720	2,103,119	826,399
322	485	708,875	190,647	1,729,588	1,538,941
75	631	429,174	1,086,433	1,963,224	876,791
24	72	50,188	149,729	300,462	150,733
20	71	57,466	161,342	298,143	136,801
19	8	14,498	16,818	55,083	38,265
2,842	523	3,997,019	5,376,936	17,310,420	11,933,484
107	89	170,225	547,690	1,068,377	520,687
164	-	124,013	213,559	431,114	217,555
101	22	227,970	42,318	428,344	386,026
94	2	85,049	97,983	364,794	266,811
9	-	10,728	47,796	98,764	50,968
273	-	279,836	539,472	1,074,561	535,089

MANUFACTURING STATISTICS OF

Section

MANUFACTURING STATISTICS OF THE

Table 5. - Principal Statistics of the

Industries	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Wood and paper products (Concl'd.)					
Printing and bookbinding	72	3,998,755	191	40	462,345
Printing and publishing	72	4,352,833	410	159	986,991
Sawmills	45	2,096,105	23	1	60,583
Sporting goods	4	8,028	4	1	3,140
Stationery and envelopes	4	595,722	31	10	71,620
All other industries	20	12,460,576	93	28	267,870
Iron and its products	52	27,094,805	644	94	1,659,467
Agricultural implements	5	910,083	17	5	48,015
Castings and forgings	6	2,649,614	70	13	122,835
Iron and steel products, n.e.s.	3	164,300	16	1	52,600
Machinery	8	900,986	28	9	73,784
Primary iron and steel	4	1,826,872	30	5	95,367
Railway rolling stock	4	14,379,405	265	16	634,543
Sheet metal products	14	2,809,156	106	21	239,751
Wire and wire goods	3	11,630	2	-	1,633
All other industries	5	3,442,759	110	24	390,939
Non-ferrous metal products	20	9,996,206	91	23	300,373
Brass and copper products ...	6	498,596	16	4	56,832
Electrical apparatus and supplies	7	502,179	24	5	58,046
Jewelry and silverware	3	52,316	4	5	9,608
All other industries	4	8,943,115	47	9	175,887
Non-metallic mineral products .	55	14,480,104	142	41	288,468
Aerated and mineral waters ..	12	579,196	25	6	54,347
Clay products from domestic clay	5	508,234	15	1	26,400
Coke and gas products	4	5,506,875	33	21	83,709
Glass products	4	698,015	14	3	16,368
Lime	4	630,930	7	-	10,820
Petroleum products	4	554,806	11	2	18,188
Sand-lime brick	3	257,161	1	-	2,000
Stone, monumental and ornamental	14	384,474	19	6	37,114
All other industries	5	5,360,413	17	2	39,522

THE PRAIRIE PROVINCES, 1931.

2.

PROVINCE OF MANITOBA, 1931.

Industries in the Province of Manitoba, 1931. - (Cont'd.)

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
712	246	1,120,084	1,040,030	3,328,761	2,288,731
535	61	1,035,994	803,197	4,691,546	3,888,349
258	-	153,128	275,448	547,587	272,139
-	-	-	3,286	6,883	3,597
22	61	82,328	204,357	494,494	290,137
567	42	707,664	1,561,800	4,775,195	3,213,395
6,638	2	8,003,773	8,313,769	20,930,796	12,617,027
49	1	44,762	107,804	271,125	163,321
193	-	224,670	182,294	465,834	283,540
51	-	57,383	42,959	191,893	148,934
74	-	82,671	89,997	617,238	527,241
305	1	253,508	268,808	999,268	730,460
5,064	-	6,185,089	6,589,126	13,729,251	7,340,125
373	-	370,636	524,611	1,350,471	825,860
7	-	5,056	3,847	19,315	15,468
522	-	779,998	704,323	3,286,401	2,582,078
594	4	1,104,560	2,344,379	7,091,919	4,747,540
70	-	72,461	310,073	569,073	259,000
76	1	62,089	165,809	414,447	248,638
24	3	32,804	14,517	64,209	49,692
424	-	937,206	1,853,980	6,044,190	4,190,210
612	19	647,792	1,309,338	4,624,968	3,315,630
93	3	96,198	159,282	640,316	481,034
79	-	50,872	-	122,628	122,628
130	-	149,240	475,333	1,183,196	707,863
36	16	43,334	53,509	185,514	132,005
72	-	61,957	-	207,401	207,401
20	-	32,584	424,510	525,168	100,658
9	-	5,257	5,985	17,457	11,472
56	-	66,650	90,544	239,976	149,432
117	-	141,700	100,175	1,503,312	1,403,137

MANUFACTURING STATISTICS OF

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MANUFACTURING STATISTICS OF THE

Table 5. - Principal Statistics of the Industries

Industries	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Chemicals and chemical products.	35	4,546,589	205	61	395,371
Gases, compressed	3	254,506	15	4	31,700
Medicinal and pharmaceutical preparations	9	1,399,897	34	25	86,225
Miscellaneous chemical products	7	226,574	26	5	47,505
Paints, pigments and varnishes	5	1,159,152	82	8	115,456
Soaps and washing compounds ..	5	1,104,087	37	16	86,066
All other industries	6	402,373	11	3	28,419
Miscellaneous industries	25	1,719,185	87	15	212,819
Mattresses and springs	4	1,020,912	49	11	149,877
Scientific and professional equipment	4	7,570	4	1	5,071
Stamps and stencils, rubber and metal	3	32,345	4	-	6,375
All other industries	14	658,358	30	3	51,496
Central Electric Stations	39	66,235,343	401	95	901,683
TOTAL	955	191,935,311	3,587	957	8,580,342

THE PRAIRIE PROVINCES, 1931.

2.

PROVINCE OF MANITOBA, 1931.

in the Province of Manitoba, 1931. - (Concl'd.)

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
231	84	331,237	1,451,165	3,256,757	1,805,592
21	-	26,278	43,256	281,787	238,531
38	49	89,526	332,059	923,173	591,114
13	5	15,704	125,455	227,844	102,389
82	16	103,880	437,177	760,582	323,405
55	8	66,351	352,874	792,798	439,924
22	6	29,498	160,344	270,573	110,229
285	49	277,401	556,352	1,361,283	804,931
168	33	162,454	407,076	881,204	474,128
3	4	3,227	4,817	14,899	10,082
6	2	7,164	3,516	30,454	26,938
108	10	104,556	140,943	434,726	293,783
748	-	1,099,804	-	6,778,905	6,778,905
16,437	3,212	22,125,867	55,149,392	118,540,865	63,391,473

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Table 6. - Statistics of the Cities, Towns and Villages in the Province of Manitoba having three or more establishments and a production of \$100,000 and over in 1931.

Cities and Towns	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of Materials	Gross Value of Products
	lish-ments		ployees			
	No.	\$	No.	\$	\$	\$
Winnipeg	543	129,849,693	17,693	22,292,946	32,005,602	73,723,211
St. Boniface	43	8,901,905	1,517	1,821,806	11,946,530	17,984,916
Transcona	4	6,680,595	2,021	2,796,453	3,359,215	6,645,128
Brandon	38	2,991,376	380	456,660	1,026,013	2,120,481
Portage La Prairie .	12	876,633	141	158,787	996,694	1,609,666
Selkirk	9	2,087,156	358	361,126	297,771	1,104,330
Dauphin	11	392,388	77	79,001	245,161	457,198
The Pas	7	1,255,217	158	181,956	199,234	441,761
Neepawa	6	241,492	37	41,607	184,899	289,288
Shoal Lake	4	86,426	22	18,692	158,598	210,604
Viriden	5	514,785	17	21,414	87,427	177,619
Rapid City	3	16,270	7	10,979	134,913	173,902
Morden	5	53,015	14	12,435	96,472	130,122
Souris	5	154,702	15	12,489	67,321	128,629
Russell	3	67,164	7	10,462	93,482	121,913
Melita	3	13,823	6	8,150	82,827	109,557
TOTAL, LEADING CITIES AND TOWNS ...	701	154,182,640	22,470	28,284,963	50,982,159	105,428,325
TOTAL FOR THE PROVINCE	955	191,935,311	24,193	30,706,209	55,149,392	118,540,865

Table 7. - Principal Statistics of the Industries Located in Winnipeg, Manitoba, 1931.

Industries	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of Materials	Gross Value of Products
	lish-ments		ployees			
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing	4	2,610,459	690	838,486	5,721,729	7,108,612
Central electric stations	5	53,090,999	960	1,602,235	-	6,606,282
Printing and publishing .	21	3,668,784	1,003	1,799,878	741,358	4,311,843
Printing and bookbinding.	69	5,086,501	1,219	1,654,000	1,465,375	4,029,551
Butter and cheese	12	3,332,813	582	949,750	1,625,563	3,324,443
Bread and other bakery products	57	2,633,839	771	867,268	1,300,898	2,834,921

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Table 7. - Principal Statistics of the Industries Located in Winnipeg, Manitoba, 1931. - (Cont'd.)

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-		ployees			
	No.	\$	No.	\$	\$	\$
Bags, cotton and jute ...	6	1,998,080	229	276,265	2,062,397	2,723,128
Coffee, tea and spices ..	8	1,606,502	159	197,295	1,711,488	2,430,769
Clothing, factory, women's	23	887,994	632	551,539	1,276,720	2,103,119
Furnishing goods, men's .	15	1,641,075	763	560,984	1,086,433	1,963,224
Breweries	5	4,377,419	387	638,204	626,935	1,695,702
Dyeing, cleaning and laundry work	17	1,723,183	842	827,047	180,140	1,648,059
Flour and feed mills	4	2,065,020	205	209,045	1,218,304	1,620,318
Biscuits, confectionery, cocoa and chocolate	18	1,851,919	452	458,142	803,719	1,539,871
Coke and gas products ...	3	5,504,387	183	232,349	473,558	1,179,510
Fur goods	16	592,315	253	255,653	558,377	972,679
Medicinal and pharmaceu- tical preparations	9	1,399,897	146	175,751	332,059	923,173
Mattresses and springs ..	4	1,020,912	261	312,331	407,076	881,204
Boxes and bags, paper ...	7	1,147,768	221	240,501	391,704	825,747
Soaps and washing compounds	5	1,104,087	116	152,417	352,874	792,798
Planing mills	5	1,406,810	210	255,255	434,763	771,126
Sheet metal products	10	1,552,439	264	358,480	303,269	677,698
Machinery	6	890,917	107	154,767	87,030	604,716
Aerated waters	7	455,814	90	117,587	131,919	555,940
Stationery goods	4	595,722	124	153,948	204,357	494,494
Brass and copper products	5	288,320	55	76,708	287,311	487,582
Paints, pigments, varnishes, etc.	3	856,293	141	156,231	266,206	456,149
Engraving, stereotyping and electrotyping	5	256,562	155	309,804	43,318	428,344
Electrical apparatus	7	502,179	106	120,135	165,811	414,447
Castings and forgings ...	4	2,526,303	252	315,859	139,665	380,376
Clothing, factory, men's.	7	162,671	140	106,480	227,994	363,459
Furniture	19	208,188	116	108,641	90,227	338,137
Fruit and vegetable preparations	4	512,115	82	81,141	137,868	334,793
Gloves and mittens, leather	3	264,467	126	82,208	147,699	313,708
Hats and caps	8	166,331	110	72,811	149,729	300,462
Hosiery and knitted goods	6	321,183	113	91,325	161,342	298,143
Sausage and sausage casings	6	115,889	35	51,681	186,936	287,917
Agricultural implements .	3	862,123	61	81,860	104,195	249,924
Chemical products	7	226,574	49	63,209	125,457	227,844

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Table 7. - Principal Statistics of the Industries Located in Winnipeg, Manitoba, 1931. - (Concl'd.)

Industries	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of Materials	Gross
	lish- ments		ployees			Value of Products
	No.	\$	No.	\$	\$	\$
Iron and steel						
products, n.e.s.	3	164,300	68	109,983	42,959	191,893
Petroleum products	3	321,593	29	39,707	164,084	186,213
Glass products	4	698,015	69	59,702	53,509	185,514
Boxes, wooden	5	210,679	95	68,874	65,234	182,783
Stone, monumental and ornamental	7	197,704	59	78,483	56,896	151,947
Harness and saddlery ..	4	246,218	46	43,713	106,824	150,243
Awnings, tents and sails	4	67,250	19	20,856	34,005	69,031
Jewelry and silverware.	3	52,316	36	42,412	14,517	64,209
Stamps and stencils ...	3	32,345	12	13,539	3,516	30,454
Trunks and bags, leather	4	58,447	15	9,123	10,123	26,995
Sand-lime brick	3	257,161	10	7,257	5,985	17,457
Scientific and professional equipment	4	7,570	12	8,298	4,817	14,899
Sporting goods	3	6,577	4	2,240	2,686	5,105
All other vegetable products 1/	8	2,884,783	102	149,874	922,590	1,581,551
All other animal products 1/	4	103,954	36	30,272	22,575	110,233
All other wood and paper products 1/.....	17	1,435,383	317	432,336	363,591	1,132,641
All other iron and steel products 1/	10	12,054,621	4,035	5,277,710	4,012,584	10,901,343
All other non-ferrous metal products 1/	3	160,501	19	25,958	73,971	115,483
All other non-metallic mineral products 1/ ..	3	369,400	39	41,214	90,875	208,869
All other chemical products 1/.....	6	305,378	63	86,207	86,818	332,711
All other miscellaneous products 1/	15	700,645	198	187,918	136,590	563,425
TOTAL	543	129,849,693	17,693	22,292,946	32,005,602	73,723,211

1/ Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

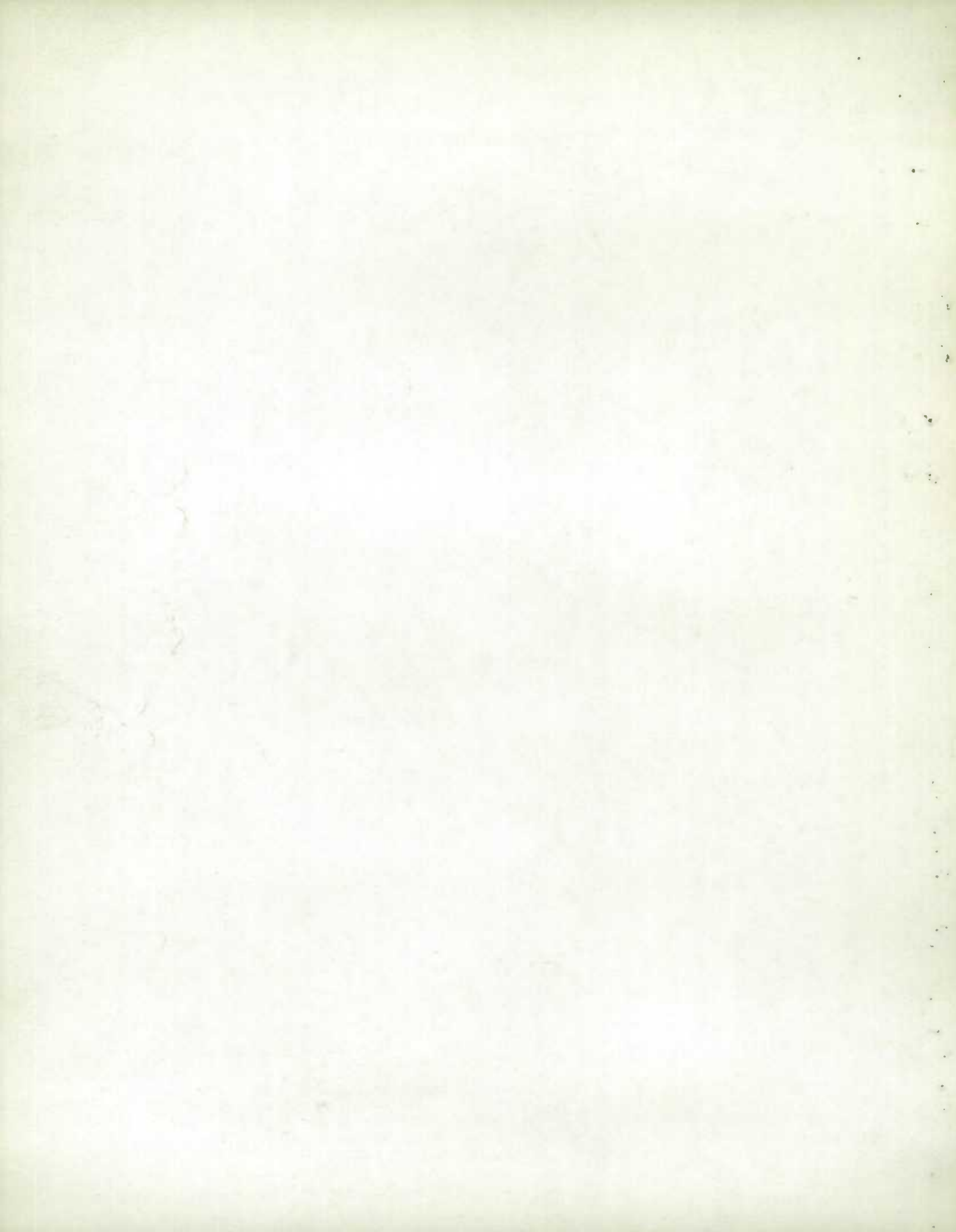
MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 2.

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1931.

Table 8. - Capital Invested in the Manufacturing Industries of Manitoba, 1927-1931.

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.)		
	\$	\$	\$	\$	\$	19
Vegetable products	14,340,817	1,945,714	1,480,404	4,244,751	22,011,686	
Animal products	5,557,846	1,511,841	944,885	2,583,658	10,598,250	
Textiles and textile products ..	3,420,546	960,128	878,411	2,078,456	7,337,541	
Wood and paper products	20,741,116	2,054,782	1,514,803	3,604,916	27,915,622	
Iron and its products	18,855,897	4,472,736	943,920	2,822,252	27,094,805	
Non-ferrous metal products	8,549,383	988,924	221,857	236,042	9,996,206	
Non-metallic mineral products ..	12,525,912	490,114	467,200	996,878	14,480,104	
Chemicals and chemical products.	2,051,395	1,064,840	512,175	918,179	4,546,589	
Miscellaneous industries	1,110,253	174,729	101,272	332,931	1,719,185	
Central electric stations	62,223,377	644,489	-	3,367,477	66,235,343	
TOTAL, 1931	149,376,542	14,308,297	7,064,932	21,185,540	191,935,311	
1930	142,192,334	24,921,511		21,299,319	198,413,164	
1929	123,274,605	25,918,365		23,959,978	173,152,948	
1928	112,239,985	25,229,009		22,202,130	159,721,124	
1927	106,141,446	24,741,257		20,490,344	151,373,047	



MANUFACTURING STATISTICS OF

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MANUFACTURING STATISTICS OF THE

Table 9. - Power Equipment in the Province

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power
	H.P.	H.P.	H.P.	H.P.
Vegetable products	2,701	367	-	3,068
Animal products	488	17	-	505
Textiles and textile products ..	190	-	-	190
Wood and paper products	4,198	179	33	4,410
Iron and its products	4,001	275	-	4,276
Non-ferrous metal products	-	-	-	-
Non-metallic mineral products ..	364	283	-	647
Chemicals and chemical products ..	141	20	-	161
Miscellaneous industries	32	50	-	82
TOTAL, MANUFACTURING INDUSTRIES, 1931				
	12,115	1,191	33	13,339
1930	13,018	1,209	30	14,257
1929	11,934	752	33	12,719
1928	10,769	761	30	11,560
1927	11,853	783	4	12,640
Central electric stations, 1931	33,761	2,689	376,925	413,375
1930	33,767	2,704	352,925	389,396
1929	33,927	2,619	310,925	347,471
1928	34,052	1,484	310,925	346,461
1927	33,777	1,494	254,925	290,196

Table 10. - Fuel Consumed in the

	Bituminous Coal				Lignite Coal
	Canadian		Imported		
	Tons	\$	Tons	\$	\$
Vegetable products	23,582	176,703	4,974	45,199	39,459
Animal products	10,204	63,501	3,015	21,133	51,848
Textiles and textile products ..	2,414	15,643	1,536	15,123	19,087
Wood and paper products	3,362	28,403	10,768	90,455	4,545
Iron and its products	18,934	114,211	33,146	242,407	83,913
Non-ferrous metal products	6,542	46,258	142	1,485	315
Non-metallic mineral products ..	25,756	192,717	3,439	28,855	2,393
Chemicals and chemical products ..	1,858	12,132	2,492	16,480	-
Miscellaneous industries	437	3,838	560	4,500	-
Central electric stations	3,700	16,056	150	1,050	14,659
TOTAL	96,789	669,457	60,222	466,687	216,219

THE PRAIRIE PROVINCES, 1931.

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PROVINCE OF MANITOBA, 1931.

of Manitoba by Groups of Industries, 1927-1931.

Electric Motors

Operated by purchased power	Operated by owned power	Total Electric Motors	Total power equipment for manufacturing purposes
H.P.	H.P.	H.P.	H.P.
14,323	357	14,680	17,391
6,799	-	6,799	7,304
1,662	148	1,810	1,852
37,423	20	37,443	41,833
31,561	-	31,561	35,837
611	-	611	611
7,867	68	7,935	8,514
1,431	-	1,431	1,592
1,271	-	1,271	1,353
102,948	593	103,541	116,287
101,267	582	101,849	115,524
99,859	697	100,556	112,578
84,608	491	85,099	96,168
80,548	145	80,693	93,188
-	-	-	413,375
-	-	-	389,396
-	-	-	347,471
-	-	-	346,461
-	-	-	290,196

Manufacturing Industries of Manitoba, 1931.

Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
\$	\$	\$	\$	\$	\$	\$
19,217	2,778	4,641	29,526	35,585	5,340	358,448
553	717	1,176	28,201	826	2,608	170,563
75	-	4,015	6,923	1,398	8,029	70,293
587	2,018	3,679	8,856	13,021	19,716	171,280
6,107	1,612	90,201	2,069	10,365	305	551,190
2,998	11,516	12,315	94	3,272	-	78,253
26,863	557	35,576	39,668	41,624	720	368,973
2,047	456	5,331	-	284	2,805	39,535
524	33	1,453	278	915	-	11,536
-	2,131	42,412	21,662	-	25	97,995
58,971	21,818	200,799	137,277	107,290	39,548	1,918,066

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 3.

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1931.

Manufacturing production in the province of Saskatchewan continued in a downward direction in 1931. In that year 768 establishments reported to the Census of Industry. Their total production amounted to \$44,265,151, a decrease of \$18,011,615 or 29 per cent as compared with 1930. The number of persons employed and the salaries and wages paid them also declined in 1931, the employees by 1,187 to a total of 6,061 persons and the salaries and wages account dropped from \$9,229,593 in 1930 to \$7,546,703 in 1931, a decrease of \$1,682,890. The cost of materials used declined by \$13,067,539 to a total of \$22,540,618 in 1931, while the value added by manufacture was also \$4,944,076 lower in 1931. In spite of these decreases the capital invested, amounting to \$68,547,866, was \$3,061,726 higher than the previous year. Statistics showing these variations in detail are contained in tables 1 and 2.

The principal statistics of the leading industries in 1931 are shown in table 3. From the standpoint of gross value of production, flour and feed mills headed the list with an output of \$10,080,986 or 22.8 per cent of the total output of the province. Butter and cheese, central electric stations, slaughtering and meat packing, printing and publishing, etc., follow in the order named.

The amount of capital investment of the various groups in 1931 is shown in table 4. Of the total of \$68,547,866, \$51,030,577 was in land, buildings, machinery and equipment. Inventories of raw materials amounted to \$5,465,587, inventories of finished products amounted to \$3,383,466, while working capital consisting of cash, accounts and bills receivable, etc., amounted to \$8,668,236. Compared with the previous year there was an increase of \$2,787,353 in the value of land, buildings, machinery and equipment.

Table 5 gives the principal statistics of the manufacturing industries of the province grouped on a component material classification basis. In 1931 vegetable products with an output valued at \$14,916,701 led all the groups in gross value of production. The animal products group with an output of \$9,494,225 was next in importance. This was followed by non-metallic mineral products (\$7,866,826), wood and paper products (\$4,571,027), central electric stations (\$4,454,617), etc.

Table 6 shows the principal statistics of the various industries making up the groups referred to in table 5.

Table 7 shows the principal statistics of the leading cities and towns. From the point of view of production, the city of Regina leads with an output of \$18,060,908 or almost 40 per cent of the total production for the province. Other important industrial cities with the value of their production are Saskatoon, \$10,003,123; Moose Jaw, \$7,608,042; Prince Albert, \$2,219,682 and Swift Current, \$386,009.

Table 8 gives the principal statistics of the industries located in Regina.

The power equipment and the value and quantity of fuel consumed are shown in tables 9 and 10.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 3.

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1931.

Table 1. - Principal Statistics of the Manufacturing Industries of the Province of Saskatchewan, 1926-1931.

Year	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	674	33,943,060	4,904	6,397,545	29,128,035	47,108,097
1927	721	38,387,248	5,683	7,280,945	32,147,303	52,162,957
1928	737	44,622,135	6,173	8,003,577	34,166,490	59,105,039
1929	761	58,877,124	8,047	10,438,759	51,143,205	80,435,537
1930	750	65,486,140	7,248	9,229,593	35,603,157	62,276,766
1931	768	68,547,866	6,061 ^x	7,546,703	22,540,618	44,265,151

x For decrease in the number of employees, see paragraph marked (x) on page 1.

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

Principal Statistics	1930	1931	Change
			Increase - Decrease
Establishments reporting	No. 750	768	✓ 18
Capital invested	\$ 65,486,140	68,547,866	✓ 3,061,726
Employees on salaries ^{1/} -			
Male	No. 1,775	1,890	✓ 115
Female	No. 362	308	- 54
Total salaries	\$ 3,639,629	3,402,561	- 237,068
Employees on wages -			
Male	No. 4,679	3,479	- 1,200
Female	No. 432	384	- 48
Total wages	\$ 5,589,964	4,144,142	- 1,445,822
Cost of fuel	\$ 2,003,206	1,596,174	- 407,032
Primary power equipment	H.P. 130,806	166,008	✓ 35,202
Cost of materials	\$ 35,608,157	22,540,618	- 13,067,539
Gross value of products	\$ 62,276,766	44,265,151	- 18,011,615
Net value of products	\$ 26,668,609	21,724,533	- 4,944,076

1/ The increase in the number of salaried employees and salaries paid is due to the following changes made in the instructions accompanying the schedules.

1. - Prior to 1931, owners who were working as ordinary wage-earners, such as small bakers, reported themselves as wage-earners. In 1931, however, all such owners were required to report themselves as salaried employees.
2. - In 1931, travelling salesmen who were attached to the plant and devoted all or the greater part of their time in selling the products of that plant were included with salaried employees. Prior to this they were not reported at all.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

Section 3.

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1931.

Table 3. - Principal Statistics of the Leading Industries of the Province of Saskatchewan, 1931.

Industries	Estab-	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	lish- ments					
	No.	\$	No.	\$	\$	\$
Flour and feed mills	60	11,307,165	506	658,492	6,489,488	10,080,986
Butter and cheese	73	3,991,100	701	866,239	4,620,231	6,573,427
Central electric stations	128	25,401,277	725	1,005,370	-	4,454,617
Slaughtering and meat packing ...	5	1,763,144	392	465,417	2,112,440	2,859,413
Printing and publishing	13	2,816,826	816	1,328,904	504,141	2,765,705
Breweries	11	4,373,128	234	333,663	963,523	2,572,816
Bread and other bakery products .	156	3,026,717	678	668,036	1,026,097	2,217,090 ²⁴
Planing mills, sash and door factories	15	1,667,843	205	221,576	315,228	629,893
Dyeing, cleaning and laundry work	18	963,886	336	330,943	80,697	616,332
Printing and bookbinding	29	509,095	164	236,578	159,311	512,993
All other leading industries 1/ .	3	7,692,932	406	558,358	5,389,034	8,430,005
TOTAL, LEADING INDUSTRIES ..	511	63,513,113	5,163	6,673,576	21,660,190	41,713,277
GRAND TOTAL, ALL INDUSTRIES	768	68,547,866	6,061	7,546,703	22,540,618	44,265,151

1/ Includes Petroleum products and Automobiles.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1931.

Table 4. - Capital Invested in the Manufacturing Industries of Saskatchewan, 1927-1931.

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	10,153,668	2,406,811	1,193,250	4,995,332	18,749,061
Animal products	3,971,914	696,247	394,205	841,094	5,903,460
Textiles and textile products ..	849,417	44,680	9,887	97,913	1,001,897
Wood and paper products	4,403,512	621,232	354,966	905,512	6,290,222
Iron and its products	3,171,288	227,745	238,800	414,075	4,051,908
Non-ferrous metal products	657	475	-	2,847	3,979
Non-metallic mineral products ..	4,583,718	828,305	1,149,042	271,865	6,832,930
Chemicals and chemical products.	154,630	42,802	40,309	53,323	291,064
Miscellaneous industries	8,758	3,628	3,007	6,675	22,068
Central electric stations	23,728,015	593,662	-	1,079,600	25,401,277
TOTAL, 1931	51,030,577	5,465,587	3,383,466	8,668,236	68,547,866
1930	48,243,224	10,848,555	6,394,361	65,486,140	
1929	38,024,102	13,536,924	7,316,098	58,877,124	
1928	29,965,039	8,894,731	5,762,315	44,622,135	
1927	26,165,711	6,956,510	5,265,027	38,387,248	

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Table 5. Principal Statistics by Groups of

Groups of Industries	Estab- lish- ments No.	Capital Invested \$	Employees on	
			Male No.	Female No.
<u>1930</u>				
Vegetable products	199	13,155,469	298	54
Animal products	104	7,135,874	570	73
Textiles and textile products	19	991,961	20	17
Wood and paper products	224	7,280,446	326	103
Iron and steel products	12	5,694,858	131	48
Non-ferrous metal products	1/	1/	1/	1/
Non-metallic mineral products	38	7,737,830	93	12
Chemical products	5	535,441	23	8
Miscellaneous industries	3	22,833	2	—
Central electric stations	144	22,925,271	309	47
TOTAL	750	65,486,140	1,775	362

1/ Statistics relating to non-ferrous metal products are included in the total of the groups.

1931

Vegetable products	234	18,749,081	362	53
Animal products	103	5,903,460	520	65
Textiles and textile products	22	1,001,897	34	19
Wood and paper products	220	6,290,222	485	89
Iron and steel products	12	4,051,908	74	19
Non-ferrous metal products	1/	1/	1/	1/
Non-metallic mineral products	38	6,832,930	89	7
Chemical products	7	291,064	19	4
Miscellaneous industries	3	22,068	5	—
Central electric stations	128	25,401,277	301	52
TOTAL	768	68,547,866	1,890	303

1/ Statistics relating to non-ferrous metal products are included in the total of the groups.

PRAIRIE PROVINCES, 1931.

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PROVINCE OF SASKATCHEWAN, 1931.

Industries, Province of Saskatchewan, 1930 and 1931.

Salaries		Employees on Wages		Wages	Cost of Materials	Gross Value of Products
Salaries	Male	Female				
\$	No.	No.	\$	\$	\$	
713,653	1,043	87	1,169,472	13,805,248	20,476,859	
894,913	493	73	595,192	7,925,192	12,349,347	
58,676	142	200	326,185	138,725	802,790	
832,586	1,511	61	1,702,576	1,929,696	6,559,607	
326,436	465	6	540,775	4,262,455	5,515,953	
1/	1/	1/	1/	1/	1/	
217,752	592	3	724,989	7,353,685	11,485,957	
53,142	22	-	27,401	173,799	325,358	
2,255	8	2	8,414	14,415	36,050	
536,016	398	-	494,960	-	4,711,212	
3,639,629	4,679	432	5,589,964	35,608,157	62,276,766	
680,009	934	79	987,833	8,500,334	14,916,701	
793,449	480	63	560,210	6,746,092	9,494,225	
75,734	118	182	263,384	99,705	646,914	
915,720	878	51	1,124,998	1,265,359	4,571,027	
155,244	233	1	254,906	1,349,505	2,044,348	
1/	1/	1/	1/	1/	1/	
189,882	438	5	457,696	4,465,024	7,866,826	
44,744	19	1	22,998	97,837	226,540	
6,425	7	2	6,101	13,960	34,605	
539,354	372	-	466,016	-	4,454,617	
3,402,561	3,479	384	4,144,142	22,540,618	44,265,151	

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Table 8. - Principal Statistics of the

Industries	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Vegetable products	234	18,749,061	362	53	680,009
Biscuits, confectionery, cocoa, etc.	3	5,497	2	1	1,000
Bread and other bakery products	156	3,026,717	131	20	184,582
Breweries	11	4,373,128	56	4	150,931
Flour and feed mills	60	11,307,165	171	28	342,016
All other industries	4	36,554	2	-	1,480
Animal products	103	5,903,460	520	65	793,449
Butter and cheese	73	3,991,100	407	53	603,002
Harness and saddlery	17	82,780	12	-	5,125
Leather tanneries	7	54,776	1	-	300
Slaughtering and meat packing.	5	1,763,144	100	12	185,022
All other industries	1	11,660	-	-	-
Textiles and textile products ..	22	1,001,897	34	19	75,734
Dyeing, cleaning and laundry work	18	963,886	30	18	72,646
All other industries	4	38,011	4	1	3,088
Wood and paper products	220	6,290,222	485	89	915,720
Carriages, wagons and sleighs.	5	61,045	6	-	3,168
Planing mills, sash and door factories	15	1,667,843	45	8	80,303
Printing and bookbinding	29	509,095	51	7	105,125
Printing and publishing	131	2,816,826	347	69	645,829
Sawmills	29	605,311	13	1	31,377
All other industries	11	630,102	23	4	49,918
Iron and its products	12	4,051,908	74	19	155,244
Castings and forgings	3	357,792	7	1	15,944
Machinery	4	514,893	9	1	19,723
All other industries	5	3,179,223	58	17	119,577
Non-ferrous metal products	1/	1/	1/	1/	1/
Non-metallic mineral products ..	38	6,832,930	89	7	189,882
Aerated and mineral waters ...	18	433,833	15	1	27,995
Cement products	4	238,966	10	1	22,584
Clay products, from domestic clay	5	1,027,841	14	-	27,733

THE PRAIRIE PROVINCES, 1931.

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PROVINCE OF SASKATCHEWAN, 1931.

Industries in the Province of Saskatchewan, 1931.

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
934	79	987,833	8,500,334	14,916,701	6,416,367
-	-	-	1,853	5,654	3,801
458	69	483,454	1,026,097	2,217,090	1,190,993
174	-	182,732	963,523	2,572,816	1,609,293
297	10	316,476	6,489,488	10,080,986	3,591,498
5	-	5,171	19,373	40,155	20,782
480	63	560,210	6,746,092	9,494,225	2,748,133
218	23	263,237	4,620,231	6,573,427	1,953,196
5	-	4,369	4,311	21,125	16,814
11	3	10,010	5,480	29,536	24,056
245	35	280,395	2,112,440	2,859,413	746,973
1	2	2,199	3,630	10,724	7,094
118	182	263,384	99,705	646,914	547,209
113	175	258,297	80,697	616,332	535,635
5	7	5,087	19,008	30,582	11,574
878	51	1,124,998	1,265,359	4,571,027	3,305,668
6	-	5,588	9,772	24,582	14,810
152	-	141,273	315,228	629,893	314,665
85	21	131,453	159,311	512,993	353,632
376	24	683,075	504,141	2,765,705	2,261,564
171	-	93,889	146,150	335,011	188,861
88	6	69,720	130,757	302,843	172,086
233	1	254,906	1,349,505	2,044,348	694,843
38	-	43,318	31,611	141,452	109,841
51	-	61,964	73,481	199,511	126,030
144	1	149,624	1,244,413	1,703,385	458,972
1/	1/	1/	1/	1/	1/
438	5	457,696	4,465,024	7,866,826	3,401,802
50	3	51,625	65,676	243,017	177,341
80	1	60,745	144,161	373,261	229,100
63	-	37,538	-	166,257	166,257

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Table 6. - Principal Statistics of the Industries

Industries	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Non-metallic mineral products - (Concl'd.) - Stone, monumental and ornamental	8	200,511	15	1	20,058
All other industries	3	4,931,979	35	4	91,507
Chemicals and chemical products	7	291,064	19	4	44,744
Soaps and washing compounds.	3	29,659	1	-	800
All other industries	4	261,405	18	4	43,944
Miscellaneous industries	5	22,068	5	-	6,425
All other industries	3	22,068	5	-	6,425
Central electric stations	128	25,401,277	301	52	539,354
TOTAL	768	68,547,866	1,890	308	3,402,561

1/ Statistics relating to non-ferrous metal products are included in the total of the groups.

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3.

PROVINCE OF SASKATCHEWAN, 1931.

in the Province of Saskatchewan, 1931. - (Concl'd.)

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
20	1	23,039	38,242	118,100	79,858
225	-	284,749	4,216,945	6,966,191	2,749,246
19	1	22,998	97,837	226,540	128,703
4	-	3,728	2,498	11,570	9,072
15	1	19,270	95,339	214,970	119,631
7	2	6,101	13,960	34,605	20,645
7	2	6,101	13,960	34,605	20,645
372	-	466,016	-	4,454,617	4,454,617
3,479	384	4,144,142	22,540,618	44,265,151	21,724,533

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1931.

Table 7. - Principal Statistics of the Cities, Towns and Villages in the Province of Saskatchewan having three or more establishments and a production of \$100,000 and over in 1931.

Cities and Towns	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of Materials	Gross Value of Products
	lish- ments		ploees			
	No.	\$	No.	\$	\$	\$
Regina	90	34,589,756	2,328	3,176,911	8,141,098	18,060,908
Saskatoon	73	10,033,113	1,267	1,723,594	4,928,368	10,003,123
Moose Jaw	35	14,151,989	782	1,005,350	4,538,482	7,608,042
Prince Albert	20	1,573,066	321	380,627	1,093,006	2,219,682
North Battleford	14	647,767	101	124,265	238,776	565,962
Yorkton	11	404,267	50	53,449	230,176	415,810
Swift Current	15	535,234	89	89,222	178,144	386,009
Weyburn	10	614,309	64	77,825	141,989	368,993
Melville	5	117,817	25	23,839	200,728	267,613
Estevan	9	881,390	75	63,097	95,700	231,690
Humboldt	4	87,490	19	20,401	149,745	199,412
Melfort	6	122,450	20	22,285	105,770	174,883
Biggar	7	77,094	22	23,696	87,082	136,422
Kamsack	5	187,523	13	14,096	67,852	126,935
Tisdale	5	87,479	19	13,029	88,721	126,044
Outlook	3	98,635	11	15,804	90,509	123,173
Battleford	5	78,717	14	13,113	72,490	121,363
Canora	5	117,600	19	14,935	67,181	114,825
Lloydminster	4	49,030	12	13,501	73,194	102,276
<hr/>						
TOTAL, LEADING CITIES, TOWNS, ETC. .	326	64,454,726	5,251	6,869,039	20,589,011	41,353,165
<hr/>						
TOTAL FOR THE PROVINCE	768	68,547,866	6,061	7,546,703	22,540,618	44,265,151

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1931.

Table 8. - Statistics of the Industries Located in the City of Regina, Saskatchewan, 1931.

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-					
	No.	\$	No.	\$	\$	\$
Central electric stations	5	18,972,096	525	767,645	-	3,260,107
Butter and cheese	6	1,169,781	193	250,263	941,462	1,524,261
Printing and publishing	4	939,031	284	519,019	201,220	1,070,484
Bread and other bakery products	15	990,256	176	195,462	304,382	663,716
Breweries	3	1,407,398	59	90,290	222,394	606,758
Printing and bookbinding	14	308,014	92	144,261	109,797	340,028
Dyeing, cleaning and laundry work	5	281,335	98	101,437	18,751	195,057
Planing mills	3	520,189	33	36,140	55,480	102,955
Aerated waters	4	109,006	20	26,553	17,831	67,719
All other animal products 1/	3	801,637	103	120,173	462,801	637,340
All other wood and paper products 1/ ..	6	455,916	90	93,759	87,609	217,216
All other iron and steel products 1/ ..	7	3,219,637	231	285,569	1,252,375	1,716,396
All other non-metallic mineral products 1/	4	5,092,983	357	459,638	4,339,526	7,312,800
All other chemical products 1/	4	261,405	38	63,214	95,339	214,970
All other miscellaneous products 1/ ...	7	60,972	24	23,488	32,131	81,101
TOTAL	90	34,589,756	2,328	3,176,911	8,141,098	18,060,908

1/ Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

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Table 9. -- Power Equipment by

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power
	H.P.	H.P.	H.P.	H.P.
Vegetable products	3,516	820	-	4,336
Animal products	1,057	20	-	1,077
Textiles and textile products	545	20	-	565
Wood and paper products	3,423	217	-	3,640
Iron and its products	200	-	255	455
Non-ferrous metal products	-	-	-	-
Non-metallic mineral products	1,486	238	-	1,724
Chemicals and chemical products ...	125	-	-	125
Miscellaneous industries	-	-	-	-
TOTAL MANUFACTURING				
INDUSTRIES, 1931	10,352	1,315	255	11,922
1930	10,883	1,478	1	12,362
1929	12,083	1,412	-	13,495
1928	9,666	1,245	-	10,911
1927	9,015	1,238	2	10,255
CENTRAL ELECTRIC				
STATIONS, 1931	117,230	17,796	-	135,026
1930	100,855	17,589	-	118,444
1929	62,597	15,026	-	77,623
1928	61,452	12,788	-	74,240
1927	62,025	11,997	-	74,022

Table 10. -- Fuel Consumed in the Manufacturing Bituminous Coal

Groups of Industries	Canadian		Imported		Lignite Coal
	Quantity	Value	Quantity	Value	
	Tons	\$	Tons	\$	\$
Vegetable products	9,742	73,497	30	300	66,807
Animal products	7,924	50,994	-	-	63,384
Textiles and textile products	5,295	26,145	96	770	3,951
Wood and paper products	2,188	16,507	30	380	4,327
Iron and its products	342	2,448	16	128	10
Non-ferrous metal products	-	-	-	-	-
Non-metallic mineral products	1,748	14,229	20	118	10,818
Chemicals and chemical products ...	367	2,700	-	-	376
Miscellaneous industries	5	53	-	-	-
Central electric stations	67,272	399,605	-	-	293,986
TOTAL	94,883	586,178	192	1,696	443,659

THE PRAIRIE PROVINCES, 1931.

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PROVINCE OF SASKATCHEWAN, 1931.

Groups of Industries, 1931.

Electric Motors

Operated by purchased power	Operated by Owned power	Total Electric Motors	Total Power Equipment for Manufacturing Purposes
H.P.	H.P.	H.P.	H.P.
9,148	22	9,170	13,484
3,859	25	3,884	4,936
211	-	211	776
2,667	-	2,667	6,307
1,415	-	1,415	1,870
1	-	1	1
1,486	126	1,612	3,210
267	-	267	392
6	-	6	6
19,060	173	19,233	30,982
16,453	89	16,542	28,815
14,863	128	14,991	28,358
14,844	143	14,987	25,755
13,947	128	14,075	24,202
-	-	-	135,026
-	-	-	118,444
-	-	-	77,623
-	-	-	74,240
-	-	-	74,022

Industries of Saskatchewan, 1931.

Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
\$	\$	\$	\$	\$	\$	\$
9,550	4,250	20,909	24,211	33	10,344	209,901
1,458	177	597	5,671	2	1,830	124,113
-	275	-	3,241	-	-	34,382
97	4,071	2,273	2,476	-	4,149	34,280
2,724	53	19,978	480	-	-	25,821
-	-	-	-	64	-	64
52,714	682	94,999	1,627	83,555	-	258,742
-	18	110	-	-	-	3,204
-	-	-	20	-	-	73
-	8,393	203,610	-	-	-	905,594
66,543	17,919	342,476	37,726	83,654	16,323	1,596,174

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1931.

The Census of Industry received reports from 886 establishments operating in Alberta in 1931. These establishments reported a total value of production of \$68,367,411 which was \$25,947,371 or 27.5 per cent lower than the total production for 1930 valued at \$94,314,782. The cost of materials also declined heavily in 1931, their value being \$36,090,169 or \$17,531,715 lower than the cost in 1930 which amounted to \$53,621,884. The number of establishments reporting showed an increase of forty-one. The capital investment, however, was \$2,502,668 lower, having dropped from \$109,930,271 in 1930 to \$107,427,603 in 1931. Employment was also furnished to 11,798 persons who received in salaries and wages \$14,213,755. Compared with 1930 there were decreases of 2,301 in the number of persons employed and \$2,878,280 in the salaries and wages paid. Tables 1 and 2 show these variations in detail.

Table 3 shows the principal statistics of the leading industries of Alberta. The principal ones from the point of view of value of production are slaughtering and meat packing with an output valued at \$10,411,417, followed by flour and feed mills with a value of production of \$9,348,399, petroleum products \$8,389,577, butter and cheese \$5,851,255, central electric stations \$4,674,857, etc.

Table 4 shows by industrial groups the capital invested in 1931. Of the total investment of \$107,427,603, \$81,277,959 was invested in land, buildings, machinery and other equipment. Inventories of raw materials and stocks in process accounted for \$7,635,168, inventories of finished products totalled \$7,295,076, while the balance of \$11,219,400 was made up of cash, accounts and bills receivable, etc.

Table 5 shows the principal statistics of the manufacturing industries of the province by groups of industries. The vegetable products group with a value of production of \$18,975,269 came first in 1931. This was followed by animal products with an output valued at \$16,405,767, non-metallic mineral products \$11,642,445, wood and paper products \$7,936,484, etc.

Table 6 shows the principal statistics of the various industries which make up the groups shown in table 5.

Table 7 shows the principal statistics of the cities and towns in Alberta. From the standpoint of value of production, the city of Calgary with an output of \$28,000,169 ranked first. The next city of importance was Edmonton with an output valued at \$20,128,405. The combined output of these two cities is equal to over seventy per cent of the total output of the province.

In table 8 are shown the principal statistics of the industries located in Calgary, the leading manufacturing centre of the province.

Table 9 shows the power equipment in 1931 by groups of industries and table 10 shows the value and amount of fuel consumed.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1931.

Table 1. - Principal Statistics of the Manufacturing Industries of the Province of Alberta, 1926-1931.

Year	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	749	72,468,286	10,233	12,803,554	49,826,532	83,425,631
1927	776	81,664,730	11,285	13,511,359	50,209,720	84,586,016
1928	778	92,190,476	12,827	15,403,292	58,782,951	100,128,655
1929	817	107,648,028	13,748	16,460,038	62,700,608	106,824,476
1930	845	109,930,271	14,099	17,092,033	53,621,884	94,314,782
1931	886	107,427,603	11,798 ^{1/}	14,213,753	36,090,169	68,367,411

1/ For explanation of decrease in employment, see paragraph marked (x) on page 1.

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

Principal Statistics	1930	1931	∕ Increase	- Decrease
Establishments reporting	No. 845	886	∕	41
Capital invested	\$ 109,930,271	107,427,603	-	2,502,668
Employees on salaries ^x -				
Male	No. 1,934	2,182	∕	248
Female	No. 446	445	-	1
Total salaries	\$ 4,432,443	4,543,276	∕	110,833
Employees on wages -				
Male	No. 10,255	7,949	-	2,306
Female	No. 1,464	1,222	-	242
Total wages	\$ 12,659,590	9,670,477	-	2,989,113
Cost of fuel	\$ 1,513,551	1,142,912	-	370,639
Primary power equipment	H.P. 173,147	175,458	∕	2,311
Cost of materials	\$ 53,621,884	36,090,169	-	17,531,715
Gross value of products	\$ 94,314,782	68,367,411	-	25,947,371
Net value of products	\$ 40,692,898	32,277,242	-	8,415,656

^x The increase in the number of salaried employees and salaries paid is due to the following changes made in the instructions accompanying the schedules.

1. - Prior to 1931, owners who were working as ordinary wage-earners, such as small bakers, reported themselves as wage-earners. In 1931, however, all such owners were required to report themselves as salaried employees.
2. - In 1931, travelling salesmen who were attached to the plant and devoted all or the greater part of their time in selling the products of that plant were included with salaried employees. Prior to this they were not reported at all.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1931.

Table 3. - Principal Statistics of the Leading Industries of the Province of Alberta, 1931.

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross Value
	lish- ments	Invested	ployees	and Wages	Materials	of Products
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing	7	7,391,921	1,144	1,371,770	7,795,609	10,411,417
Flour and feed mills	75	9,463,626	692	791,193	6,639,001	9,348,399
Petroleum products	7	7,534,141	318	487,218	6,310,069	8,389,577
Butter and cheese	99	3,887,333	582	717,559	4,137,460	5,851,255
Central electric stations	71	27,556,419	813	1,083,851	-	4,674,857
Railway rolling stock	3	6,843,830	1,719	2,149,306	1,671,133	3,909,084
Printing and publishing	81	3,127,224	766	1,364,166	580,189	3,165,099
Bread and other bakery products	154	2,839,239	715	731,977	1,220,681	2,734,158
Breweries	5	5,607,863	229	371,818	769,024	2,686,153
Biscuits, confectionery, cocoa, etc.	16	1,677,336	289	384,679	718,873	1,623,648
Dyeing, cleaning and laundry work	20	1,423,791	642	560,796	120,127	1,051,697
Printing and bookbinding	48	1,470,970	357	482,578	284,722	1,003,371
All other leading industries 1/	5	10,062,166	451	612,640	1,939,240	4,095,275
TOTAL, LEADING INDUSTRIES	591	88,890,859	8,717	11,109,551	32,186,128	58,948,990
GRAND TOTAL, ALL INDUSTRIES	886	107,427,603	11,798	14,213,753	36,090,169	68,367,411

1/ Includes Sugar refining, Wood preservation and Cement.

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1931.

Table 4. - Capital Invested in the Manufacturing Industries of Alberta, 1927-1931.

Groups of Industries	Fixed Capital	Working Capital			Total Capital
	Land, buildings, 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	15,235,243	1,812,775	2,437,980	5,189,708	24,675,706
Animal products	8,377,531	965,963	880,741	1,458,226	11,682,461
Textiles and textile products ..	1,818,393	219,671	217,636	506,990	2,762,690
Wood and paper products	7,332,412	1,045,083	386,417	1,629,765	10,393,677
Iron and its products	8,525,482	1,564,935	323,718	430,050	10,849,185
Non-ferrous metal products	173,361	74,703	42,249	82,567	372,880
Non-metallic mineral products ..	12,643,424	1,511,135	2,958,658	1,361,156	18,474,373
Chemicals and chemical products.	319,974	92,465	34,752	42,328	489,519
Miscellaneous industries	127,672	13,066	7,925	17,030	170,693
Central electric stations	26,724,467	330,372	-	501,580	27,556,419
TOTAL, 1931	81,277,959	7,635,168	7,295,076	11,219,400	107,427,603
1930	76,923,567	19,303,309		13,703,395	109,930,271
1929	74,100,731	19,437,491		14,109,806	107,648,028
1928	63,971,445	16,527,881		11,691,150	92,190,476
1927	56,846,394	14,062,162		10,756,174	81,664,730

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Table 5. - Principal Statistics by Groups of

Groups of Industries	Estab- lish- ments No.	Capital Invested \$	Employees on	
			Male No.	Female No.
<u>1930</u>				
Vegetable products	252	25,595,552	305	74
Animal products	122	12,838,061	444	113
Textiles and textile products	36	2,420,536	74	36
Wood and paper products	265	13,160,692	419	125
Iron and steel products	28	7,803,058	234	16
Non-ferrous metal products	6	720,818	13	1
Non-metallic mineral products	47	19,102,953	142	27
Chemicals and chemical products	10	459,756	31	9
Miscellaneous industries	8	303,721	6	4
Central electric stations	71	27,525,124	266	41
TOTAL, 1930	845	109,930,271	1,934	446
<u>1931</u>				
Vegetable products	266	24,675,706	439	74
Animal products	125	11,682,461	433	99
Textiles and textile products	42	2,762,690	103	39
Wood and paper products	283	10,393,677	539	137
Iron and steel products	29	10,849,185	203	18
Non-ferrous metal products	6	372,880	12	1
Non-metallic mineral products	50	18,474,373	148	24
Chemicals and chemical products	8	489,519	27	7
Miscellaneous industries	6	170,693	10	2
Central electric stations	71	27,556,419	268	44
TOTAL, 1931	886	107,427,603	2,182	445

THE PRAIRIE PROVINCES, 1931.

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PROVINCE OF ALBERTA, 1931.

Industries, Province of Alberta, 1930 and 1931.

Salaries	Employees on Wages		Wages	Cost of Materials	Gross Value of Products
	Male	Female			
Salaries	No.	No.			
\$	No.	No.	\$	\$	\$
766,892	1,608	324	2,030,316	16,831,135	27,128,776
878,781	1,180	185	1,525,311	17,708,140	22,911,477
217,603	283	778	868,153	1,055,752	2,839,780
1,040,948	2,891	126	2,683,228	4,103,437	12,105,899
554,272	2,402	5	3,092,731	3,147,389	7,525,510
30,442	50	-	39,556	271,418	430,295
380,699	1,305	34	1,624,777	10,187,492	16,000,905
60,593	31	3	37,181	231,241	549,651
17,102	36	9	37,862	85,880	170,619
485,111	469	-	720,475	-	4,651,870
4,432,443	10,255	1,464	12,659,590	53,621,884	94,314,782
859,476	1,440	228	1,731,370	10,948,999	18,975,269
840,113	1,091	175	1,320,856	11,982,230	16,405,767
261,125	280	681	725,507	662,110	2,307,185
1,168,004	1,596	104	1,786,270	3,011,797	7,936,484
474,898	2,052	5	2,368,146	2,297,828	5,607,498
24,805	31	-	30,299	137,054	255,507
350,167	910	22	1,065,679	6,820,152	11,642,445
49,924	25	3	30,717	181,606	466,384
18,438	23	4	24,108	48,393	96,015
496,326	501	-	587,525	-	4,674,857
4,543,276	7,949	1,222	9,670,477	36,090,169	68,367,411

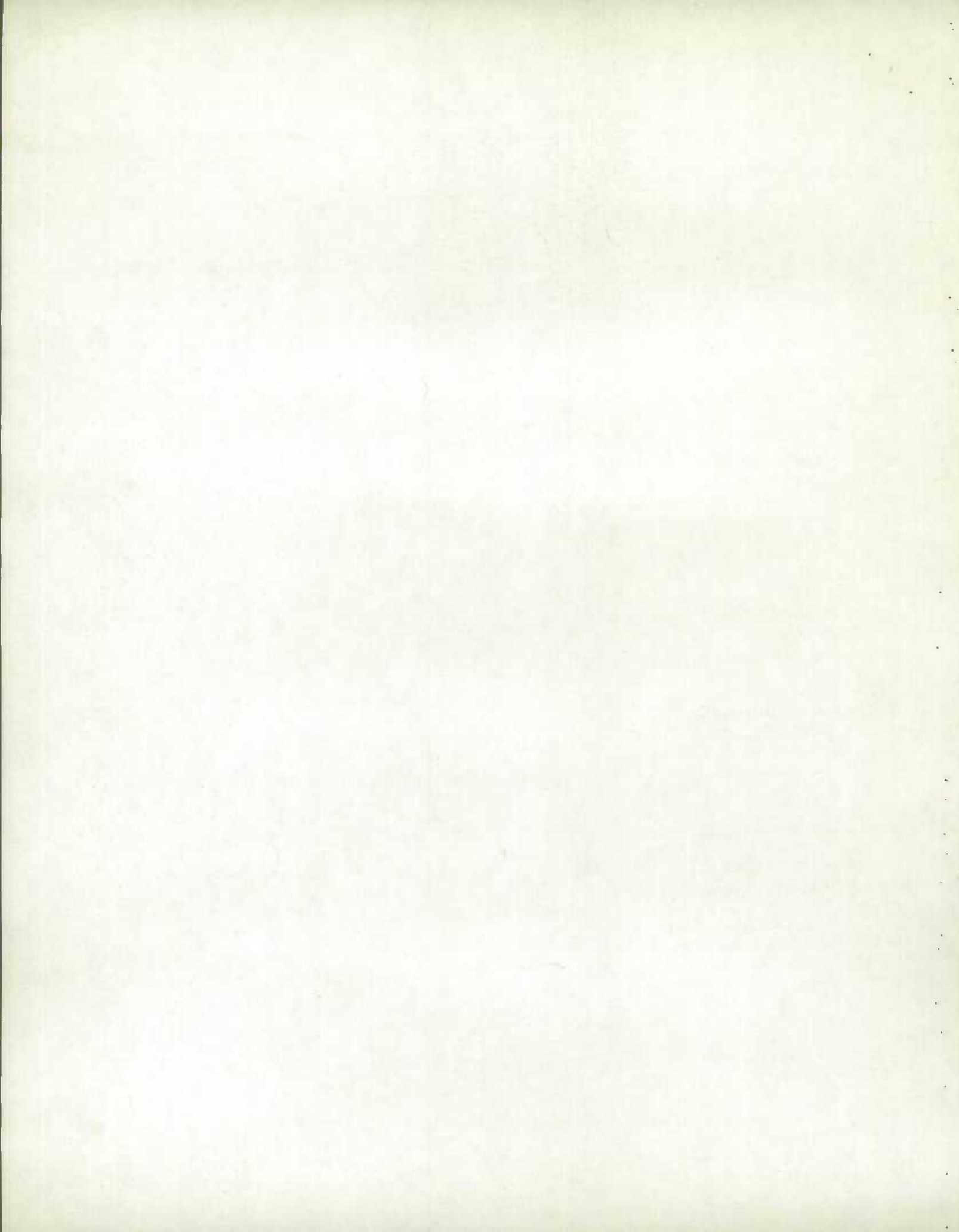
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Table 6. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Vegetable products	266	24,675,706	439	74	859,476
Biscuits, confectionery, cocoa, etc.	16	1,377,336	43	11	127,860
Bread and other bakery products	154	2,839,239	117	23	179,044
Breweries	5	5,607,863	55	5	159,971
Coffee, tea and spices	3	100,404	10	-	15,896
Flour and feed mills	75	9,468,626	185	30	312,165
Fruit and vegetable preparations	4	223,755	6	1	11,105
All other industries	9	4,758,483	23	4	53,435
Animal products	125	11,682,461	433	99	840,113
Butter and cheese	99	3,887,333	202	59	360,818
Fur goods	9	162,891	6	3	14,355
Harness and saddlery	6	221,835	2	1	3,100
Leather tanneries	4	18,481	1	-	300
Slaughtering and meat packing.	7	7,391,921	222	36	461,540
Textiles and textile products ..	42	2,762,690	103	39	261,125
Awnings, tents and sails	5	92,253	7	1	15,657
Clothing, factory, women's ...	4	125,544	7	4	18,756
Dyeing, cleaning and laundry work	20	1,423,791	57	18	116,385
Furnishing goods, men's	3	864,467	11	8	66,983
Hats and caps	3	23,975	2	1	5,100
All other industries	7	232,660	19	7	38,244
Wood and paper products	283	10,393,677	539	137	1,168,004
Boat building	3	32,015	4	-	3,600
Boxes, wooden	6	510,709	20	2	47,711
Engraving, stereotyping and electrotyping	3	44,091	3	-	7,617
Furniture	12	78,678	15	-	17,743
Planing mills, sash and door factories	16	2,117,645	35	6	70,875
Printing and bookbinding	48	1,470,970	78	16	182,446
Printing and publishing	81	5,127,224	318	103	728,393
Sawmills	103	1,213,349	35	2	39,499
All other industries	11	1,798,996	31	8	70,120
Iron and its products	29	10,849,185	203	18	474,898
Castings and forgings	8	1,423,354	39	6	106,548
Primary iron and steel	3	1,130,000	12	-	34,800
Railway rolling stock	3	6,843,830	106	2	235,274



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THE PROVINCE OF ALBERTA, 1931.

in the Province of Alberta, 1931.

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
1,440	228	1,731,370	10,948,999	18,975,269	8,026,270
162	73	256,819	718,873	1,628,648	909,775
463	112	552,933	1,220,681	2,734,158	1,513,477
168	1	211,847	769,024	2,686,153	1,917,129
9	6	14,530	164,389	232,810	68,421
473	4	479,028	6,639,001	9,348,399	2,709,398
14	20	15,186	69,070	111,585	42,515
151	12	201,027	1,367,961	2,233,516	865,555
1,091	175	1,320,856	11,982,230	16,405,767	4,423,537
287	34	356,741	4,137,460	5,851,255	1,713,795
15	23	36,475	27,889	96,313	68,424
15	1	13,288	19,331	35,431	16,100
5	-	4,122	1,941	11,651	9,710
769	117	910,230	7,795,609	10,411,117	2,615,508
280	681	725,507	662,110	2,307,185	1,645,075
11	8	17,764	42,851	83,574	40,723
6	64	52,971	89,253	184,679	95,426
189	378	444,411	120,127	1,051,697	931,570
39	170	140,308	255,006	636,904	381,898
4	5	5,068	11,690	29,035	17,345
31	56	64,985	143,183	321,296	178,113
1,596	104	1,786,270	3,011,797	7,936,484	4,924,687
4	-	2,711	3,155	8,513	5,358
169	1	140,922	244,801	510,318	265,517
8	-	14,550	4,356	33,727	29,371
29	3	26,893	64,287	142,442	78,155
207	3	220,032	358,056	796,014	437,958
204	59	300,132	284,722	1,003,371	718,649
320	25	635,773	580,189	3,165,099	2,584,910
475	-	239,318	375,895	821,628	445,733
180	13	205,959	1,096,336	1,455,372	359,036
2,052	5	2,368,146	2,297,828	5,607,498	3,309,670
173	-	190,973	168,193	461,259	293,066
110	-	90,800	116,881	444,600	327,719
1,611	-	1,914,032	1,671,133	3,909,084	2,237,951

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MANUFACTURING STATISTICS OF THE

Table 6. - Principal Statistics of the Industries in

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Iron and its products - (Concl'd.)					
Sheet metal products	9	742,946	21	6	49,278
All other industries	6	709,055	25	4	48,998
Non-ferrous metal products	6	372,880	12	1	24,805
Electrical apparatus and supplies	4	83,833	6	-	9,875
All other industries	2	289,047	6	1	14,930
Non-metallic mineral products ...	50	18,474,373	148	24	350,167
Aerated and mineral waters	16	704,836	27	5	54,528
Cement products	4	155,152	5	1	7,598
Clay products from domestic clay	9	2,844,071	32	2	77,977
Lime	3	198,121	3	-	4,800
Petroleum products	7	7,534,141	53	6	131,939
Stone, monumental and ornamental	5	251,558	5	6	12,391
All other industries	6	6,786,494	23	4	60,934
Chemicals and chemical products .	8	489,519	27	7	49,924
All other industries	8	489,519	27	7	49,924
Miscellaneous industries	6	170,693	10	2	18,438
All other industries	6	170,693	10	2	18,438
Central electric stations	71	27,556,419	268	44	496,326
TOTAL	886	107,427,603	2,182	445	4,543,276

THE PRAIRIE PROVINCES, 1931.

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PROVINCE OF ALBERTA, 1931.

the Province of Alberta, 1931. - (Concl'd.)

Employees on Wages			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
90	2	95,163	124,397	414,056	289,659
68	3	77,178	217,224	378,499	161,275
31	-	30,299	137,054	255,507	118,453
10	-	11,181	18,555	45,879	27,324
21	-	19,118	118,499	209,628	91,129
910	22	1,065,679	6,820,152	11,642,445	4,822,293
73	11	95,625	125,495	407,340	281,845
21	-	33,585	19,974	203,952	183,978
220	-	197,160	-	529,716	529,716
14	-	14,907	-	46,785	46,785
257	2	355,279	6,310,069	8,389,577	2,079,508
34	-	29,545	25,480	106,761	81,281
291	9	339,578	339,134	1,958,314	1,619,180
25	3	30,717	181,606	466,384	284,778
25	3	30,717	181,606	466,384	284,778
23	4	24,108	48,393	96,015	47,622
23	4	24,108	48,393	96,015	47,622
501	-	587,525	-	4,674,857	4,674,857
7,949	1,222	9,670,477	36,090,169	68,367,411	32,277,242

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1931.

Table 7. - Principal Statistics of the Cities, Towns and Villages in the Province of Alberta having three or more establishments and a production of \$100,000 and over.

Cities and Towns	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Calgary	155	35,831,172	4,502	5,643,894	15,807,725	28,000,169
Edmonton	159	23,212,331	4,084	5,127,350	10,348,760	20,128,405
Medicine Hat	21	6,452,272	554	648,573	3,051,232	4,842,541
Lethbridge	24	2,992,234	342	460,589	807,334	2,334,594
Raymond	4	3,123,510	131	183,405	907,526	1,519,238
Redcliffe	6	1,814,754	235	247,696	313,609	656,280
Drumheller	7	1,285,805	67	102,805	36,057	411,929
Wetaskiwin	9	188,150	31	37,125	221,141	329,860
Red Deer	11	226,255	35	47,732	135,132	260,141
Camrose	9	214,180	34	43,146	150,129	258,222
Ponoka	7	81,863	17	15,109	120,054	178,107
Didsbury	5	163,444	25	26,567	115,252	174,583
Viking	4	59,380	12	19,252	123,084	165,565
Stettler	4	90,157	11	12,866	97,172	151,970
Coronation	5	81,800	12	11,820	102,328	135,560
Vegreville	6	97,515	16	17,450	78,752	128,370
Vermilion	5	154,077	17	23,079	54,036	120,611
Leduc	5	63,595	15	10,914	75,663	110,054
TOTAL, LEADING CITIES, TOWNS, ETC..	446	76,132,494	10,140	12,679,372	32,544,986	59,906,199
TOTAL FOR THE PROVINCE	886	107,427,603	11,798	14,213,753	36,090,169	68,367,411

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1931.

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MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1931.

Table 8. - Principal Statistics of the Industries Located in the City of Calgary, Alberta, 1931.

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-					
	No.	\$	No.	\$	\$	\$
Petroleum products	3	6,075,873	255	380,769	5,747,118	7,284,425
Flour and feed mills	3	5,088,723	236	320,710	2,528,020	3,452,980
Printing and publishing	3	1,214,471	270	507,990	197,024	1,316,175
Bread and other bakery products	24	817,227	270	290,531	456,953	1,038,899
Butter and cheese	5	667,720	80	108,002	379,670	629,058
Dyeing, cleaning and laundry work	6	783,952	333	305,318	70,356	563,388
Printing and bookbinding	22	876,765	209	280,603	154,657	547,760
Biscuits, confectionery, cocoa and chocolate	7	330,907	70	79,467	172,564	466,357
Primary iron and steel	3	1,130,000	122	125,600	116,881	444,600
Planing mills	3	934,478	107	123,303	147,449	268,746
Aerated waters	6	163,841	27	42,122	31,241	109,718
Furniture	8	55,368	33	29,833	41,418	96,729
Fur goods	4	99,486	22	26,870	7,536	46,870
Electrical apparatus	3	68,679	12	16,875	11,106	33,650
Harness and saddlery	3	181,260	15	14,245	17,523	30,344
All other vegetable products 1/	8	3,268,318	169	266,194	551,101	1,401,649
All other animal products 1/	3	3,711,619	429	479,184	2,760,636	3,883,729
All other textile products 1/	10	213,543	77	71,591	92,511	219,205
All other wood and paper products 1/ ..	7	1,201,905	244	285,595	635,486	1,005,609
All other iron and steel products 1/ ..	9	6,082,858	1,266	1,529,599	1,467,205	3,092,721
All other non-metallic mineral products 1/	5	359,757	39	35,148	40,930	135,678
All other chemical products 1/	4	353,447	53	70,361	171,545	420,564
All other miscellaneous products 1/ ..	6	2,150,975	164	254,184	8,795	1,511,315
TOTAL	155	35,831,172	4,502	5,643,894	15,807,725	28,000,169

1/ Includes a number of industries with less than three establishments for which statistics cannot be published without disclosing individual information.

MANUFACTURING STATISTICS OF
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Table 9. - Power Equipment by

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water wheels	Total Primary Power
	H.P.	H.P.	H.P.	H.P.
Vegetable products	6,682	1,043	-	7,725
Animal products	3,557	69	-	3,626
Textiles and textile products ..	97	-	-	97
Wood and paper products	7,302	824	123	8,249
Iron and its products	25	300	-	325
Non-ferrous metal products	-	-	-	-
Non-metallic mineral products ..	4,639	170	-	4,809
Chemicals and chemical products.	-	-	-	-
Miscellaneous industries	-	-	-	-
TOTAL, MANUFACTURING				
INDUSTRIES, 1931	22,302	2,406	123	24,831
1930	21,434	2,283	132	23,849
1929	21,410	2,055	24	23,469
1928	20,211	1,945	17	22,173
1927	17,298	1,783	20	19,101
CENTRAL ELECTRIC STATIONS, 1931.	77,204	3,903	69,520	150,627
1930.	75,512	4,266	69,520	149,298
1929.	75,494	4,266	51,520	131,280
1928.	71,112	3,640	33,520	108,272
1927.	70,600	2,804	33,520	106,924

Table 10. - Fuel Consumed in the

Groups of Industries	Bituminous Coal				Lignite Coal
	Canadian		Imported		
	Quantity	Value	Quantity	Value	
	Tons	\$	Tons	\$	\$
Vegetable products	13,886	38,890	-	-	53,304
Animal products	37,065	91,961	-	-	15,929
Textiles and textile products ..	5,245	13,450	-	-	3,605
Wood and paper products	4,661	13,669	-	-	3,131
Iron and its products	17,681	22,520	-	-	24,010
Non-ferrous metal products	66	337	-	-	-
Non-metallic mineral products ..	33,367	176,696	10	70	396
Chemicals and chemical products.	-	-	-	-	-
Miscellaneous industries	33	118	-	-	-
Central electric stations	3,768	9,023	-	-	148,199
TOTAL	115,772	366,664	10	70	248,574

THE PRAIRIE PROVINCES, 1931.

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PROVINCE OF ALBERTA, 1931.

Groups of Industries, 1931.

Electric Motors			Total Power Equipment for Manufacturing Purposes
Operated by purchased Power	Operated by Owned Power	Total Electric Motors	
H.P.	H.P.	H.P.	H.P.
10,012	910	10,922	17,737
4,360	-	4,360	7,986
866	-	866	963
5,831	-	5,831	14,080
9,959	-	9,959	10,284
162	-	162	162
10,921	2,125	13,046	15,730
285	-	285	285
166	-	166	166
42,562	3,055	45,597	67,393
41,884	3,523	45,407	65,723
30,416	5,066	35,482	53,885
28,757	5,052	33,809	50,930
25,759	4,909	30,668	44,860
-	-	-	150,627
-	-	-	149,298
-	-	-	131,280
-	-	-	108,272
-	-	-	106,924

Manufacturing Industries of Alberta, 1931.

Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
\$	\$	\$	\$	\$	\$	\$
5,970	2,147	7,067	10,937	93,190	-	211,505
130	447	-	3,069	43,765	2,860	158,161
-	-	32	63	23,284	261	40,695
51	7,442	581	1,014	22,392	4,383	52,663
44	877	12,554	283	35,437	-	95,725
1,153	-	-	50	2,680	9	4,229
6,822	938	51,665	3,351	133,239	-	373,177
-	4	-	-	454	3,528	3,986
-	-	-	-	732	26	876
-	4,431	27,901	2,821	9,484	36	201,895
14,170	16,286	99,800	21,588	364,657	11,103	1,142,912

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