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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

MANUFACTURING INDUSTRIES

OF THE

PRAIRIE PROVINCES

1930

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OTTAWA - CANADA

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MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1930.

Section I.

A report on the manufacturing industries of the Prairie Provinces for the year 1930 is presented herewith.

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 1930: the ten leading industries in 1930 and the leading cities and towns in 1930.

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 1930 these three provinces suffered severely from the effects of the general depression prevalent throughout the world, all phases of their manufacturing activity being affected. The gross value of products declined from \$351,066,023 in 1929 to \$299,016,538 in 1930, a decrease of \$52,049,485, almost 15 per cent. The number of establishments, however, and the capital investment showed increases in 1930, the former by 31 establishments to a total of 2,532 and the latter from \$339,678,100 to \$363,829,575, an increase of \$24,151,475. The number of employees dropped from 48,113 in 1929 to 47,835 in 1930, a decrease of 278, and the amount of salaries and wages paid them declined from \$61,057,380 to \$60,262,861, a loss of \$794,519. The value of the raw materials used was \$201,899,077 in 1929 and \$163,991,306 in 1930, a decrease in value of \$37,907,771 in 1930.

From a value of production standpoint, flour and feed mills led all industries with an output of \$42,679,083. It was closely followed by the slaughtering and meat-packing industry, the output of which was valued at \$41,276,942; together these two industries accounted for slightly over 28 per cent of the total 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 of the three provinces. In production the city of Winnipeg led with a gross value of \$94,407,201. This was almost two and one-half times greater than the value of output of Calgary, which had the next largest production amounting to \$39,230,983.

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

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1930.

Table 1. - Principal Statistics of the Prairie Provinces Compared for the years 1926-1930.

Year	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
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

Table 2. - Ten Leading Industries of the Prairie Provinces, 1930.

	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Flour and feed mills	169	21,697,423	1,740	2,160,162	32,927,478	42,679,083
Slaughtering and meatpacking	15	14,954,445	2,812	3,605,470	31,757,084	41,276,942
Petroleum products ..	9	14,672,061	684	1,252,028	16,925,197	22,986,549
Railway rolling stock	7	14,228,328	7,646	10,886,008	10,817,545	22,400,323
Butter and cheese ..	242	12,751,373	2,299	3,056,301	14,745,610	21,946,491
Central electric stations	254	110,201,671	3,059	4,306,208	-	15,937,545
Printing and publishing	289	11,416,815	2,826	4,989,671	2,266,874	12,532,467
Breweries	21	15,397,668	1,061	1,643,183	3,209,196	11,393,089
Bread and other bakery products ..	393	9,135,212	2,408	2,726,055	5,256,077	10,555,947
Printing and book- binding	122	6,118,746	1,790	2,573,549	1,802,521	5,869,756
Total Ten Leading Industries	1,521	230,573,742	26,325	37,198,635	119,707,582	207,578,192
Total Prairie Provinces, 1930 ..	2,532	363,829,575	47,835	60,262,861	163,991,306	299,016,538

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1930.

Table 3. -- Principal Statistics of the Leading Cities and Towns of the Prairie Provinces, 1930.

Cities and Towns	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Winnipeg	519	123,781,546	19,749	25,844,816	45,720,081	94,407,201
Calgary	153	35,701,054	5,287	7,029,185	22,970,988	39,230,983
Edmonton	153	24,760,067	4,606	5,937,286	15,584,973	27,660,417
Regina	84	35,486,916	2,758	4,039,789	14,729,011	25,961,543
St. Boniface	40	10,092,734	1,491	1,857,246	15,709,540	21,985,750
Saskatoon	64	9,589,233	1,402	2,001,260	6,956,714	12,741,166
Moose Jaw	31	8,928,115	831	1,136,668	7,451,757	11,421,584
Medicine Hat	19	8,298,909	622	796,054	5,952,916	8,765,979
Transcona	4	6,853,170	2,020	3,005,126	3,472,685	6,827,784
Lethbridge	26	3,093,428	392	525,945	1,388,103	3,956,623
Prince Albert	18	2,386,089	403	481,824	1,721,032	3,387,064
Brandon	36	3,657,861	433	559,757	1,901,801	3,266,441
Portage La Prairie .	14	779,854	149	182,762	1,823,634	2,568,671
Raymond	3	2,575,139	140	172,452	1,110,826	1,554,275
Selkirk	7	1,990,436	394	434,973	338,477	1,401,460
The Pas	7	1,212,794	271	318,734	447,755	1,024,570
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Total Leading Cities and Towns..	1,178	279,127,345	40,948	54,323,877	147,280,293	266,161,511
Total for the Prairie Provinces.	2,532	363,829,575	47,835	60,262,861	163,991,306	299,016,538

MANUFACTURING STATISTICS OF THE PRAIRIE PROVINCES, 1930.

Section 2.

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1930.

Of the three Prairie Provinces, the province of Manitoba is the most industrialized. In 1930, establishments reporting to the Census of Industry numbered 937. These plants represented a capital investment of \$188,413,164; they furnished employment to 26,488 persons who received \$33,941,235 in salaries and wages. They also spent \$74,761,265 for raw materials and produced goods with a selling value at the factory of \$142,424,990.

The dominant industry in Manitoba is that of Slaughtering and meatpacking with a value of product in 1930 of \$19,745,659. This is followed very closely by Railway rolling stock with a value of production of \$17,202,263. Other industries of importance according to the value of production were flour mills and butter and cheese. Statistics of the ten leading industries are given in table 3.

Table 4 shows the principal statistics of the leading cities and towns of Manitoba. Winnipeg led with an output valued at \$94,407,201 which was over 66 per cent of the total for the province.

Statistics of the various groups of industries for 1929 and 1930 are shown in table 5. In 1930 the group comprising animal products had an output valued at \$30,825,544 and led all groups by a small margin. The vegetable products group followed closely with an output of \$30,093,182, followed in order by iron and steel products and wood and paper products.

Table 6 contains the principal statistics of the industries making up the various groups which are reviewed in table 5.

The capital investment by groups of industries is shown in table 7. Fixed capital comprising land, buildings, machinery and tools totalled \$142,192,334 in 1930, an increase over 1929 of \$18,917,729. In working capital the value of materials, stocks, fuel, supplies, etc., amounted to \$24,921,511 in 1930, which was \$996,854 less than the corresponding figures for 1929. Cash, trading and operating accounts, bills receivable, etc., were valued at \$21,299,319 in 1930, which was \$2,660,659 less than the 1929 value.

The power equipment and the value and volume of fuel consumed in Manitoba in 1930 is shown in tables 8 and 9 respectively.

Table 1. - Principal Statistics of the Manufacturing Industries of the Province of Manitoba, 1926-1930.

Year	Estab-	Capital	Employ-	Salaries	Cost of	Gross Value
	lish-					
	No.	\$	No.	\$	\$	\$
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

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1930.

Table 2. - Principal Statistics of the Province of Manitoba Compared for 1929 and 1930.

Principal Statistics		1 9 2 9	1 9 3 0	∕ Increase - Decrease
Establishments reporting	No.	923	937	∕ 14
Capital invested	\$	173,152,948	188,413,164	∕ 15,260,216
Employees on salaries -				
Male	No.	3,415	3,177	- 238
Female	No.	953	930	- 23
Total salaries	\$	8,287,809	8,048,138	- 239,671
Employees on wages --				
Male	No.	18,076	18,787	∕ 711
Female	No.	3,874	3,594	- 280
Total wages	\$	25,870,774	25,893,097	∕ 22,323
Outside piece-workers -				
Male	No.	-	-	-
Female	No.	5	-	- 5
Total amount paid	\$	1,099	-	- 1,099
Cost of fuel	\$	2,572,661	2,521,758	- 50,903
Primary power equipment	H.P.	360,190	403,653	∕ 43,463
Cost of materials	\$	88,055,264	74,761,265	- 13,293,999
Gross value of products	\$	163,806,010	142,424,990	- 21,381,020
Net value of products	\$	75,750,746	67,663,725	- 8,087,021

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1930.

Table 3. - Principal Statistics of the Ten Leading Industries of the Province of Manitoba, 1930.

Industries	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Value of Products
	No.	\$	No.	\$	\$	\$
Slaughtering and meatpacking	6	4,376,357	1,123	1,460,903	15,464,796	19,745,659
Railway rolling stock	4	10,718,251	5,727	8,209,751	8,397,573	17,202,263
Flour mills	30	5,135,981	515	579,591	10,528,092	13,467,194
Butter and cheese ..	70	4,001,773	958	1,414,324	5,518,198	8,519,020
Central electric stations	39	59,751,276	1,529	2,069,646	-	6,574,463
Printing and publishing	70	4,027,077	1,165	2,015,748	981,518	5,215,836
Bread and other bakery products ..	124	3,210,955	1,009	1,140,348	2,129,915	4,238,061
Breweries	7	5,503,130	558	848,183	975,503	4,171,872
Printing and book- binding	62	4,228,863	1,268	1,778,182	1,251,838	4,015,758
Bags, cotton and jute	6	1,707,368	232	277,205	2,574,637	3,204,692
Total ten leading industries 1/	418	102,661,031	14,084	19,793,881	47,822,070	86,354,818
Grand total all industries	937	188,413,164	26,488	33,941,235	74,761,265	142,424,990

1/ Other leading industries, statistics of which cannot be given because there are fewer than three establishments in each industry are: Bridge and structural steel work and Cement.

MANUFACTURING STATISTICS OF THE PROVINCE OF MANITOBA, 1930.

Table 4. - Principal Statistics of the Leading Cities and Towns in the Province of Manitoba, 1930.

Cities and Towns	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Winnipeg	519	123,781,546	19,749	25,844,816	45,720,081	94,407,201
St. Boniface	40	10,092,734	1,491	1,857,246	15,709,540	21,985,750
Transcona	4	6,853,170	2,020	3,005,126	3,472,685	6,827,784
Brandon	36	3,657,861	433	559,757	1,901,801	3,266,441
Portage La Prairie.	14	779,854	149	182,762	1,823,634	2,568,671
Selkirk	7	1,990,436	394	434,973	338,477	1,401,460
The Pas	7	1,212,794	271	318,734	447,755	1,024,570
Dauphin	12	494,301	87	88,230	275,232	506,735
Neepawa	6	222,630	49	49,284	186,174	308,825
Shoal Lake	4	84,615	17	16,672	151,850	205,219
Rapid City	4	26,834	8	11,098	147,164	191,894
Russell	3	64,500	7	10,827	102,675	138,302
Virden	4	399,162	19	18,714	61,112	134,446
Morden	5	54,855	11	9,750	93,870	132,500
Souris	5	157,501	17	14,538	59,481	108,915
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Total leading cities and towns.	670	149,872,793	24,722	32,422,527	70,491,531	133,208,713
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Total for the province	937	188,413,164	26,488	33,941,235	74,761,265	142,424,990

MANUFACTURING STATISTICS OF

Table 5. - Principal Statistics by Groups of

	Rank in order of Product- ion	Estab- lish- ments	Capital	Employees on	
				Male	Female
		No.	\$	No.	No.
<u>1929</u>					
Vegetable products	1	213	24,690,117	493	101
Animal products	2	122	11,706,511	493	147
Textiles and textile products ..	5	87	7,951,864	194	86
Wood and paper products	3	280	29,008,142	795	258
Iron and steel products	4	52	22,517,297	554	94
Non-ferrous metal products	10	21	1,625,367	95	20
Non-metallic mineral products ..	7	51	16,190,352	125	44
Chemicals and chemical products.	9	31	4,968,812	162	67
Miscellaneous industries	8	25	4,530,588	173	44
Central electric stations	6	41	49,963,898	346	92
Total 1929		923	173,152,948	3,415	953
<u>1930</u>					
Vegetable products	2	216	23,655,837	327	111
Animal products	1	124	10,203,303	431	144
Textiles and textile products ..	5	89	7,087,379	168	92
Wood and paper products	4	286	28,921,093	766	257
Iron and steel products	3	55	25,163,767	695	101
Non-ferrous metal products	9	18	7,143,515	54	18
Non-metallic mineral products ..	7	53	18,985,064	132	40
Chemicals and chemical products.	8	33	5,071,012	152	63
Miscellaneous industries	10	24	2,430,918	53	27
Central electric stations	6	39	59,751,276	399	77
Total 1930		937	188,413,164	3,177	930

THE PROVINCE OF MANITOBA, 1930.

Industries, Province of Manitoba, 1929 and 1930.

Salaries	Employees on Wages		Wages	Cost of Materials	Value of Products
	Male	Female			
\$	No.	No.	\$	\$	\$
1,157,079	1,957	574	2,535,548	24,427,719	38,265,798
1,090,652	2,054	331	2,756,902	27,280,160	35,584,240
612,856	875	2,087	2,530,687	8,256,017	13,629,233
2,114,608	4,001	651	5,610,884	8,939,362	24,865,266
1,394,302	6,039	13	8,331,176	10,634,267	23,110,719
166,057	259	12	287,577	1,436,187	2,428,814
286,235	956	31	1,052,612	1,565,571	7,500,021
391,390	295	103	425,716	2,395,675	5,387,195
378,433	747	72	1,107,161	3,120,306	6,592,214
696,197	895	-	1,232,511	-	6,442,510
8,287,809	18,076	3,874	25,870,774	88,055,264	163,806,010
904,671	2,080	542	2,655,996	18,893,111	30,093,182
961,427	1,796	318	2,482,421	22,518,658	30,825,544
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

Table 6. - Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees		
			Male No.	Female No.	Salaries \$
Vegetable products	216	23,655,837	327	111	904,671
Biscuits, confectionery, etc..	19	1,891,707	43	22	121,988
Bread and other bakery products	124	3,210,955	36	50	117,544
Breweries	7	5,503,130	66	8	256,331
Coffee and spices	8	1,757,273	31	11	88,425
Feed and grist mills	8	75,879	-	-	-
Flour mills	30	5,135,981	99	8	186,408
Pickles, vinegar, sauces, etc.	5	660,331	12	7	36,036
All other industries	15	5,420,581	40	5	97,939
Animal products	124	10,203,303	431	144	961,427
Butter and cheese	70	4,001,773	193	75	404,731
Fur goods	16	824,754	23	17	66,040
Gloves and mitts, leather	3	380,200	16	4	33,251
Harness and saddlery	12	167,216	3	-	3,680
Sausage and sausage casings ..	6	130,682	3	1	3,164
Slaughtering and meatpacking .	6	4,376,357	182	41	433,807
Trunks, bags, etc.	4	58,810	2	2	3,066
All other industries	7	263,511	9	4	13,688
Textiles and textile products .	89	7,087,379	168	92	564,327
Awnings, tents and sails	6	76,478	4	1	11,440
Bags, cotton and jute	6	1,707,368	21	7	89,914
Clothing, factory, men's	7	158,026	9	3	19,269
Clothing, factory, women's ...	18	848,301	29	20	109,283
Dyeing, cleaning and laundry work	22	1,855,087	42	32	154,459
Furnishing goods, men's	12	1,603,452	38	20	118,754
Hats and caps	8	188,022	9	3	22,019
Hosiery, knit goods, etc.	6	461,937	12	4	31,971
All other industries	4	188,708	4	2	7,218
Wood and paper products	286	28,921,093	766	257	2,087,853
Boxes and bags, paper	8	1,376,502	30	14	100,347
Boxes, wooden	7	399,114	11	4	24,126
Carriages, wagons and sleighs.	7	148,935	8	2	19,658
Engraving, stereotyping and electrotyping	5	300,335	25	9	84,286
Furniture and upholstering ...	24	272,584	12	3	23,549
Miscellaneous wood products ..	3	56,220	4	1	6,947
Planing mills, sash and door factories	16	2,294,137	39	6	97,928
Printing and bookbinding	62	4,228,863	147	38	465,313
Printing and publishing	70	4,027,077	355	143	901,924
Sawmills	60	2,358,262	27	1	69,970
Sporting goods	4	9,073	1	1	969

PROVINCE OF MANITOBA, 1930.

Industries in the Province of Manitoba, 1930.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
2,080	542	2,655,996	18,893,111	30,093,182	11,200,071
182	197	308,816	849,559	1,598,645	749,086
839	84	1,022,804	2,129,915	4,238,061	2,108,146
471	13	591,852	975,503	4,171,872	3,196,369
48	57	94,959	2,118,694	2,901,668	782,974
13	-	8,951	95,628	121,573	25,945
392	16	393,183	10,528,092	13,467,194	2,939,102
19	68	61,783	184,922	381,855	196,933
116	107	173,648	2,010,798	3,212,314	1,201,516
1,796	318	2,482,421	22,518,658	30,825,544	8,306,886
659	31	1,009,593	5,518,198	8,519,020	3,000,822
124	107	234,062	738,169	1,214,137	475,968
72	65	78,222	282,520	513,642	231,122
45	-	43,883	141,918	219,128	77,210
31	1	34,468	293,766	380,384	86,618
803	97	1,027,096	15,464,796	19,745,659	4,280,863
12	-	11,053	12,199	37,703	25,504
50	17	44,044	67,092	195,871	128,779
833	1,954	2,270,264	6,360,213	10,891,812	4,531,599
16	12	22,741	71,243	122,709	51,466
74	130	187,291	2,574,637	3,204,692	630,055
53	57	76,530	227,775	378,373	150,598
185	353	422,723	1,285,200	1,991,262	706,062
344	538	841,087	225,303	2,004,580	1,779,277
88	661	544,409	1,486,541	2,266,482	779,941
33	100	83,453	224,172	426,359	202,187
27	97	77,694	253,594	454,235	200,641
13	6	14,336	11,748	43,120	51,372
3,619	600	4,926,058	7,249,244	20,930,284	13,681,040
133	93	218,895	682,258	1,298,593	616,335
156	-	123,899	227,222	459,899	232,677
50	-	56,441	67,795	155,818	88,023
113	27	295,258	43,608	524,466	480,858
130	5	129,947	150,881	486,782	335,901
7	-	5,512	15,409	32,288	16,879
373	-	449,575	816,027	1,735,281	919,254
786	297	1,312,869	1,251,838	4,015,758	2,763,920
595	72	1,113,824	981,518	5,215,836	4,234,318
751	-	413,914	960,612	1,760,669	800,057
4	-	2,641	6,175	14,520	8,345

MANUFACTURING STATISTICS OF

Table 6. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees		
			Male	Female	Salaries
			No.	No.	\$
Wood and paper products - (Cont'd.)					
Stationery and envelopes	5	574,949	29	8	57,629
All other industries	15	12,875,042	78	27	235,207
Iron and its products	55	25,163,767	695	101	1,820,194
Agricultural implements	5	958,582	18	8	56,904
Automobile supplies	4	56,613	9	1	19,055
Castings and forgings	6	2,853,701	53	10	138,876
Iron and steel products, n.e.s. .	4	2,583,135	74	15	197,500
Machinery	9	1,152,819	22	10	62,869
Railway rolling stock	4	10,718,251	265	16	664,640
Sheet metal products	14	3,200,482	97	20	230,479
Primary iron and steel	4	1,842,849	37	6	112,700
Wire and wire goods	3	11,641	1	-	188
All other industries	2	1,785,694	119	15	336,983
Non-ferrous metal products	18	7,143,515	54	18	158,800
Brass and copper products	3	831,346	15	3	53,232
Electrical apparatus and supplies	9	545,163	33	9	84,699
All other industries	6	5,767,006	6	6	20,869
Non-metallic mineral products	53	18,985,064	132	40	295,225
Aerated and mineral waters	11	724,407	27	6	59,663
Cement products	3	42,672	5	1	8,009
Clay products from domestic clay.	5	450,119	11	3	28,220
Coke and gas products	4	5,468,462	32	22	94,936
Glass products	4	804,575	7	2	10,900
Lime	4	673,278	8	-	13,079
Stone, monumental and ornamental.	15	425,950	23	5	37,573
All other industries	7	10,395,603	19	1	42,845
Chemicals and allied products	33	5,071,012	152	63	368,976
Gases, compressed	3	275,297	19	4	40,619
Medicinal and pharmaceutical preparations	7	1,331,672	28	23	80,561
Miscellaneous chemical products .	5	207,468	17	7	39,360
Paints, pigments and varnishes ..	6	1,256,670	36	8	76,872
Soaps and washing compounds	5	1,557,072	42	16	100,149
Toilet preparations	3	61,000	4	4	12,947
All other industries	4	381,833	6	1	18,468
Miscellaneous industries	24	2,430,918	53	27	131,682
Brooms, brushes and mops	3	82,418	6	2	9,286
Mattresses and springs	4	1,631,920	32	17	88,955
Scientific and professional equipment	5	37,273	2	-	5,114

THE PROVINCE OF MANITOBA, 1930.

in the Province of Manitoba, 1930 - Cont'd.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
27	72	93,298	301,115	618,284	317,169
494	34	709,985	1,744,786	4,612,090	2,867,304
7,723	1	10,391,377	14,118,023	29,042,961	14,924,938
78	-	73,588	172,511	418,733	246,222
28	-	18,795	24,314	79,809	55,495
342	-	419,218	335,482	880,535	545,053
411	-	445,947	1,299,542	2,251,508	951,966
100	-	118,494	383,749	972,875	589,126
5,446	-	7,545,111	8,397,573	17,202,263	8,804,690
450	-	494,809	1,197,881	2,078,332	880,451
346	1	322,897	321,411	1,341,907	1,020,496
8	-	5,802	4,022	21,260	17,238
514	-	946,716	1,981,538	3,795,739	1,814,201
235	5	252,161	1,568,811	2,335,879	767,068
69	-	90,090	546,609	895,868	349,259
96	2	106,349	239,693	559,762	320,069
70	3	55,722	782,509	880,249	97,740
847	24	882,012	1,326,081	5,971,059	4,644,978
65	1	86,345	168,197	657,505	489,308
8	-	7,614	20,197	47,607	27,410
226	-	112,539	-	215,967	215,967
105	-	152,189	531,889	1,286,390	754,501
44	23	60,589	74,853	228,663	153,810
110	-	75,850	-	260,325	260,325
100	-	119,764	114,307	307,396	193,089
189	-	267,122	416,638	2,967,206	2,550,588
274	92	360,933	1,936,600	4,011,464	2,074,864
23	1	31,192	51,866	383,756	331,890
41	51	85,716	461,935	1,038,853	576,918
38	3	22,753	144,039	292,682	148,643
98	21	135,255	657,893	1,202,762	544,869
51	9	56,027	439,094	781,692	342,598
3	6	6,082	20,519	63,311	42,792
20	1	23,908	161,254	248,408	87,154
327	58	357,212	790,524	1,748,342	957,818
45	1	24,985	59,399	98,331	38,932
191	32	211,085	600,291	1,181,458	581,167
10	15	19,089	16,924	56,022	39,098

MANUFACTURING STATISTICS OF THE

Table 6. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments	Capital	Salaried Employees		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Miscellaneous industries - (Cont'd.)					
Stamps and stencils	3	32,800	-	-	-
All other industries	9	646,507	13	8	28,327
Central electric stations	39	59,751,276	399	77	754,983
T o t a l	937	188,413,164	3,177	930	8,048,138

PROVINCE OF MANITOBA, 1930.

in the Province of Manitoba, 1930. - Cont'd.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
8	2	11,053	6,470	48,002	41,532
73	8	91,000	107,440	364,529	257,089
1,053	-	1,314,663	-	6,574,463	6,574,463
18,787	3,594	25,893,097	74,761,265	142,424,990	67,663,725

Table 7. - Capital Invested in the Manufacturing Industries of Manitoba, 1930.

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land, buildings machinery and tools	Materials and stocks on hand, fuel and miscellan- eous supplies	Cash, Trad- ing and operating accounts and bills receivable	
	\$	\$	\$	\$
Vegetable products	15,046,092	4,416,381	4,193,364	23,655,837
Animal products	4,902,374	2,932,419	2,368,510	10,203,303
Textiles and textile products.	3,252,328	2,076,604	1,758,447	7,087,379
Wood and paper products	20,369,625	4,600,014	3,951,454	28,921,093
Iron and its products	15,540,948	6,562,841	3,059,978	25,163,767
Non-ferrous metal products ...	6,108,090	400,188	635,237	7,143,515
Non-metallic mineral products.	16,462,162	1,403,057	1,119,845	18,985,064
Chemicals and chemical products	2,675,965	1,509,325	885,722	5,071,012
Miscellaneous industries	1,735,979	335,704	359,235	2,430,918
Central electric stations	56,098,771	684,978	2,967,527	59,751,276
T o t a l	142,192,334	24,921,511	21,299,319	188,413,164

MANUFACTURING STATISTICS OF

Table 8. - Power equipment in the

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	2,793	351	-	3,144
Animal products	571	35	-	606
Textiles and textile products ...	190	-	-	190
Wood and paper products	4,976	167	30	5,173
Iron and its products	4,001	250	-	4,251
Non-ferrous metal products	-	-	-	-
Non-metallic mineral products ...	309	340	-	649
Chemicals and chemical products .	146	16	-	162
Miscellaneous industries	32	50	-	82
Central electric stations	33,767	2,704	352,925	389,396
T o t a l s	46,785	3,913	352,955	403,653

1/ In order to avoid duplication, the horse-power capacity of electric motors operated by purchased power has not been included in this total, since this power has already been shown under Central electric stations.

Table 9. - Fuel Consumed in the

	Bituminous Coal	Anthracite Coal	Lignite Coal
	\$	\$	\$
Vegetable products	137,774	82,311	56,126
Animal products	81,609	105	72,710
Textiles and textile products	46,176	2,862	17,822
Wood and paper products	131,219	883	3,321
Iron and its products	380,420	114	186,031
Non-ferrous metal products	6,734	-	-
Non-metallic mineral products	468,762	51	1,004
Chemicals and chemical products	30,046	730	1,380
Miscellaneous industries	8,400	272	53
Central electric stations	43,124	-	117,534
T o t a l s	1,334,264	87,328	455,981
Volume of Fuel Consumed	183,102 ton	8,909 ton	110,773 ton

THE PROVINCE OF MANITOBA, 1930.

Province of Manitoba by Groups of Industries, 1930.

Electric Motors		Total Electric Motors	Total Power equipment for manufacturing purposes
Operated by purchased power	Operated by owned power		
H.P.	H.P.	H.P.	H. P.
13,995	355	14,350	17,139
6,683	-	6,683	7,289
1,788	139	1,927	1,978
37,161	20	37,181	42,334
31,072	-	31,072	35,323
600	-	600	600
7,360	68	7,428	8,009
1,378	-	1,378	1,540
1,230	-	1,230	1,312
-	-	-	389,396
101,267	582	101,849	403,653 1/

Manufacturing Industries of Manitoba, 1930.

Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
\$	\$	\$	\$	\$	\$	\$
32,352	3,010	5,229	34,740	48,251	770	400,563
744	687	890	24,547	831	3,900	186,023
268	105	984	5,604	1,378	2,067	77,266
1,035	2,615	8,817	9,876	15,083	7,359	180,208
4,778	7,306	141,059	3,580	20,789	1,821	745,898
1,988	430	13,374	182	1,252	-	23,960
17,354	76	14,016	79,485	37,251	215	618,214
1,379	78	9,637	-	420	4,866	48,536
301	19	1,761	328	767	-	11,901
-	222	51,115	17,194	-	-	229,189
60,199	14,548	246,882	175,536	126,022	20,998	2,521,758
10,576 ton	55,275 gal.	2,454,503 gal.	35,914 cord.	156,611 M cu.ft.		

Section 3.

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1930.

The province of Saskatchewan suffered a severe industrial decline during the depressed business conditions prevailing in 1930.

In this year 750 establishments reported to the Census of Industry. Their total production amounted to \$62,276,766, a decrease of \$18,158,771 or 22.6 per cent from 1929. In spite of a decrease of 11 establishments in 1930, the capital investment increased from \$58,877,124 in 1929 to \$65,486,140 in 1930. The number of persons employed and the salaries and wages paid them both declined in 1930, the employees by 799 to a total of 7,248 persons and the salary and wage account dropped from \$10,438,759 in 1929 to \$9,229,593 in 1930, a decrease of \$1,209,166 in that year. The cost of raw materials declined by \$15,535,048 in 1930, the figures being \$51,143,205 in 1929 and \$35,608,157 in 1930. Statistics showing these variations in detail are contained in tables 1 and 2.

The principal statistics of the ten leading industries in 1930 are shown in table 3. From a standpoint of production, flour mills heads the list with an output of \$14,752,468 or 23.7 per cent of the total output of the province. Butter and cheese, slaughtering and meatpacking, central electric stations and others follow in the order named.

Table 4 shows the principal statistics of the leading cities and towns on a production basis in 1930. The city of Regina leads in this respect with an output of \$25,961,543 or almost 42 per cent of the total production for the province. Other important industrial cities and their output are Saskatoon \$12,741,166, Moose Jaw \$11,421,584, Prince Albert \$3,387,064.

Table 5 draws a comparison in the principal statistics by groups of industries between 1929 and 1930. In both years, vegetable products led the groups with the largest output. It will be observed by referring to the table that the values for 1930 showed a considerable decline from the corresponding values for 1929.

Table 6 shows the principal statistics of the various industries making up the groups referred to in table 5. It will be observed that in 1930 the flour mill industry had the largest production with an output valued at \$14,752,468.

The amount of the capital investment of the various groups in 1930 is shown in table 7. Of the total of \$65,486,140, \$48,243,224 was invested in land, buildings, machinery and tools. Materials, stocks, fuel and miscellaneous supplies accounted for \$10,848,555, while cash, trading and operating accounts and bills receivable made up the balance amounting to \$6,394,361.

The power equipment and the value and quantity of the fuel consumed are shown in tables 8 and 9 respectively.

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1930.

Table 1. - Principal Statistics of the Manufacturing Industries of the Province of Saskatchewan, 1926-1930.

Year	Estab-lish-ments No.	Capital \$	Employ-ees No.	Salaries and Wages \$	Cost of Materials \$	Gross Value of Products \$
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	35,608,157	62,276,766

Table 2. - Principal Statistics of the Province of Saskatchewan compared for 1929 and 1930.

Principal Statistics	1929	1930	∕ Increase - Decrease
Establishments reporting	No. 761	750	- 11
Capital invested	\$ 58,877,124	65,486,140	∕ 6,609,016
Employees on salaries -			
Male	No. 1,808	1,775	- 33
Female	No. 337	362	∕ 25
Total salaries	\$ 3,644,495	3,639,629	- 4,866
Employees on wages -			
Male	No. 5,412	4,679	- 733
Female	No. 490	432	- 58
Total wages	\$ 6,794,264	5,589,964	- 1,204,300
Outside piece-workers -			
Male	No. -	-	-
Female	No. 1	-	- 1
Total payments	\$ 250	-	- 250
Cost of fuel	\$ 2,172,706	2,003,206	- 169,500
Primary power equipment	H.P. 91,118	130,806	∕ 39,688
Cost of materials	\$ 51,143,205	35,608,157	- 15,535,048
Gross value of products	\$ 80,435,537	62,276,766	- 18,158,771
Net value of products	\$ 29,292,332	26,668,609	- 2,623,723

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1930.

Table 3. - Principal Statistics of the Ten Leading Industries of the Province of Saskatchewan, 1930.

Industry	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Flour mills	47	6,333,406	551	778,639	11,240,935	14,752,468
Butter and cheese	75	5,087,985	748	927,133	4,465,601	7,083,895
Slaughtering and meat- packing	3	1,893,419	443	545,389	3,442,974	5,191,759
Central electric stations	144	22,925,271	754	1,030,976	-	4,711,212
Printing and publishing	139	3,316,306	852	1,514,536	628,004	3,517,774
Bread and other bakery products	120	2,962,496	666	757,034	1,387,963	2,793,878
Breweries	9	3,772,075	237	330,911	1,002,760	2,701,106
Sawmills	34	1,019,495	562	262,030	434,162	1,020,168
Planing mills	14	1,789,675	263	314,102	459,879	881,956
Dyeing, cleaning and laundry work	15	958,183	357	373,388	114,804	759,174
Total ten leading industries	600	50,058,311	5,433	6,834,138	23,177,082	43,413,390
Grand total, all industries	750	65,486,140	7,248	9,229,593	35,608,157	62,276,766

MANUFACTURING STATISTICS OF THE PROVINCE OF SASKATCHEWAN, 1930.

Table 4. - Principal statistics of the leading Cities and Towns in the Province of Saskatchewan, 1930.

Cities and Towns	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Regina	84	35,486,916	2,758	4,039,789	14,729,011	25,961,543
Saskatoon	64	9,529,233	1,402	2,001,260	6,956,714	12,741,166
Moose Jaw	31	8,928,115	851	1,136,668	7,451,757	11,421,584
Prince Albert ...	18	2,386,089	403	481,824	1,721,032	3,387,064
North Battleford.	13	656,352	114	114,200	324,821	676,740
Swift Current ...	16	730,057	109	133,463	244,178	642,815
Yorkton	11	449,585	71	62,917	232,414	477,714
Estevan	9	915,500	108	115,427	134,832	374,325
Weyburn	11	450,923	69	84,888	118,958	331,447
Melville	3	107,314	17	24,014	222,737	292,084
Humboldt	4	107,005	14	17,318	177,882	266,580
Melfort	4	113,237	17	18,647	93,183	177,287
Outlook	3	120,234	12	16,576	138,847	170,232
Foam Lake	4	69,116	10	10,029	130,764	158,018
Biggar	7	64,469	17	20,526	99,715	144,417
Canora	5	110,768	19	14,215	62,492	119,869
Unity	5	70,151	12	14,794	75,287	115,851
Kamsack	4	186,134	12	15,141	55,753	112,765
Maple Creek	5	88,995	14	13,566	62,601	109,281
Arran	3	222,279	38	35,877	61,603	108,242
Battleford	5	81,889	11	10,515	52,949	102,277
Total for leading cities and towns	309	60,874,361	6,058	8,381,654	33,147,530	57,891,301

MANUFACTURING STATISTICS OF THE

Table 5. - Principal Statistics by Groups of

	Rank in order of Product- ion	Estab-	Capital
		lish- ments	
		No.	\$
<u>1929</u>			
Vegetable products	1	194	13,152,659
Animal products	2	117	7,916,888
Textiles and textile products	7	23	1,165,428
Wood and paper products	5	225	6,944,393
Iron and steel products	4	12	6,673,175
Non-ferrous metal products 1/	10		
Non-metallic mineral products	3	34	9,049,952
Chemical products 1/	8		
Miscellaneous industries	9	3	36,690
Central electric stations	6	150	13,846,353
T o t a l s	-	761	58,877,124

1/ Statistics relating to non-ferrous metal products and chemical products are included in the total of the groups in order to prevent disclosure of individual information.

<u>1930</u>			
Vegetable products	1	199	13,155,469
Animal products	2	104	7,135,874
Textiles and textile products	7	19	991,961
Wood and paper products	4	224	7,280,446
Iron and steel products	5	12	5,694,858
Non-ferrous metal products 1/	10		
Non-metallic mineral products	3	38	7,737,830
Chemical products	8	5	535,441
Miscellaneous industries	9	3	22,833
Central electric stations	6	144	22,925,271
T o t a l s	-	750	65,486,140

1/ Statistics relating to non-ferrous metal products are included in the total of the groups in order to prevent disclosure of individual information.

PROVINCE OF SASKATCHEWAN, 1930.

Industries, Province of Saskatchewan, 1929 and 1930.

Employees on Salaries			Employees on Wages			Cost of Materials	Value of Products
Male	Female	Salaries	Male	Female	Wages		
No.	No.	\$	No.	No.	\$	\$	\$
319	55	700,348	1,065	83	1,273,593	18,084,292	25,628,134
508	65	850,421	629	89	780,493	11,921,997	15,644,643
15	19	51,131	171	233	394,038	177,333	967,387
357	110	902,232	1,854	77	1,980,704	2,555,874	7,880,553
179	48	411,580	738	3	1,016,084	9,360,853	11,490,828
91	13	222,782	665	4	887,254	8,876,745	14,390,871
5	1	6,375	12	1	9,716	12,568	40,419
321	24	468,626	274	-	445,182	-	4,169,590
1,808	337	3,644,495	5,412	490	6,794,264	51,143,205	80,435,537
298	54	713,653	1,043	87	1,169,472	13,805,248	20,476,859
570	73	894,913	493	73	595,192	7,925,192	12,349,347
20	17	58,676	142	200	326,185	138,725	802,790
326	103	832,586	1,511	61	1,702,576	1,929,696	6,559,607
131	48	326,436	465	6	540,775	4,262,455	5,515,953
93	12	217,752	592	3	724,989	7,353,685	11,485,957
23	8	53,142	22	-	27,401	173,799	325,358
2	-	2,255	8	2	8,414	14,415	36,050
309	47	536,016	398	-	494,960	-	4,711,212
1,775	362	3,639,629	4,679	432	5,589,964	35,608,157	62,276,766

MANUFACTURING STATISTICS OF THE

Table 6. - Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees		
			Male No.	Female No.	Salaries \$
Vegetable products	199	13,155,469	298	54	713,653
Bread and other bakery products	120	2,962,496	60	22	136,260
Breweries	9	3,772,075	56	3	162,295
Feed and grist mills	17	38,300	-	-	-
Flour mills	47	6,333,406	181	29	413,648
All other industries	6	49,192	1	-	1,450
Animal products	104	7,135,874	570	73	894,913
Butter and cheese	75	5,087,985	482	58	702,225
Harness and saddlery	18	90,207	-	-	-
Leather tanneries	7	49,909	-	-	-
Slaughtering and meatpacking	3	1,893,419	88	15	192,688
All other industries	1	14,354	-	-	-
Textiles and textile products	19	991,961	20	17	58,676
Awnings, tents and sails	3	25,604	1	1	2,120
Dyeing, cleaning and laundry work	15	958,183	19	16	56,556
All other industries	1	8,174	-	-	-
Wood and paper products	224	7,280,446	326	103	832,586
Carriages, wagons and sleighs	6	61,750	2	1	3,016
Planing mills, sash and door factories	14	1,789,675	42	10	79,461
Printing and bookbinding	23	480,932	25	5	77,243
Printing and publishing	139	3,316,306	227	83	601,013
Sawmills	34	1,019,495	14	2	27,065
All other industries	8	612,288	16	2	44,788
Iron and its products	12	5,694,858	131	48	326,436
Castings and forgings	4	497,264	9	1	20,480
Machinery	4	638,414	10	4	21,071
All other industries	4	4,559,180	112	43	284,885
Non-ferrous metal products 1/					
Non-metallic mineral products	38	7,737,830	93	12	217,752
Aerated and mineral waters	18	559,634	22	2	40,923
Cement products	3	146,480	6	1	17,187
Clay products from domestic clay	5	1,141,551	20	1	41,853
Stone, monumental and ornamental	8	220,600	13	2	20,382
All other industries	4	5,669,565	32	6	97,407
Chemicals and allied products	5	535,441	23	8	53,142
All other industries	5	535,441	23	8	53,142

1/Statistics of the non-ferrous metal products are included in the total of the groups in order to prevent disclosure of individual information.

PROVINCE OF SASKATCHEWAN, 1930.

Industries in the Province of Saskatchewan, 1930.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
1,043	87	1,169,472	13,805,248	20,476,859	6,671,611
511	73	620,774	1,387,963	2,793,878	1,405,915
178	-	168,616	1,002,760	2,701,106	1,698,346
18	-	8,589	151,201	186,640	35,439
329	12	364,991	11,240,935	14,752,468	3,511,533
7	2	6,502	22,389	42,767	20,378
498	73	595,192	7,925,192	12,349,347	4,424,155
185	23	224,908	4,465,601	7,083,895	2,618,294
6	-	5,798	7,468	31,123	23,655
9	3	8,621	4,088	34,083	29,995
297	43	352,701	3,442,974	5,191,759	1,748,785
1	4	3,164	5,061	8,487	3,426
142	200	326,185	138,725	802,790	664,065
6	2	7,963	21,921	40,116	18,195
125	197	316,832	114,804	759,174	644,370
11	1	1,390	2,000	3,500	1,500
1,511	61	1,702,576	1,929,696	6,559,607	4,629,911
15	-	12,463	14,119	39,801	25,682
210	1	234,641	459,879	881,956	422,077
104	25	170,764	184,512	605,410	420,898
510	32	913,523	628,004	3,517,774	2,889,770
546	-	234,965	434,162	1,020,168	586,006
126	3	136,220	209,020	494,498	285,478
465	6	540,775	4,262,455	5,515,953	1,253,498
47	1	64,786	78,814	230,933	152,119
80	-	110,114	212,329	554,017	341,688
338	5	365,875	3,971,312	4,731,003	759,691
592	3	724,989	7,353,685	11,485,957	4,132,272
55	3	62,681	95,227	327,137	231,910
30	-	30,489	58,694	141,289	82,595
166	-	137,381	-	349,283	349,283
31	-	38,446	51,350	163,426	112,076
310	-	455,992	7,148,414	10,504,822	3,356,408
22	-	27,401	173,799	325,358	151,559
22	-	27,401	173,799	325,358	151,559

MANUFACTURING STATISTICS OF THE

Table 6. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments	Capital	Salaried Employees		
			Male	Female	Salaries
			No.	No.	\$
Miscellaneous industries ...	3	22,833	2	-	2,255
All other industries	3	22,833	2	-	2,255
Central electric stations ..	144	22,925,271	309	47	536,016
T o t a l s	750	65,486,140	1,775	362	3,639,629

PROVINCE OF SASKATCHEWAN, 1930.

in the Province of Saskatchewan, 1930. - Cont'd.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
8	2	8,414	14,415	36,050	21,635
8	2	8,414	14,415	36,050	21,635
398	-	494,960	-	4,711,212	4,711,212
4,679	432	5,589,964	35,608,157	62,276,766	26,668,609

Table 7. - Capital Invested in the Manufacturing Industries of Saskatchewan, 1930.

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials and stocks on hand, fuel and miscellan- eous supplies	Cash, Trad- ing and operating accounts and bills receivable	
	\$	\$	\$	\$
Vegetable products	7,004,432	3,981,990	2,169,047	13,155,469
Animal products	4,329,059	1,495,325	1,311,490	7,135,874
Textiles and textile products	849,509	61,034	81,418	991,961
Wood and paper products	4,822,672	1,355,370	1,102,404	7,280,446
Iron and its products	3,903,596	1,173,089	618,173	5,694,858
Non-ferrous metal products ..	2,809	1,111	2,237	6,157
Non-metallic mineral products	5,130,536	2,285,156	322,138	7,737,830
Chemicals and chemical products	366,457	117,792	51,192	535,441
Miscellaneous industries	8,524	10,378	3,931	22,833
Central electric stations ...	21,825,630	367,310	732,331	22,925,271
T o t a l s	48,243,224	10,848,555	6,394,361	65,486,140

MANUFACTURING STATISTICS OF THE

Table 8. - Power Equipment by Group

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	3,864	832	-	4,696
Animal products	1,092	18	-	1,110
Textiles and textile products	460	20	-	480
Wood and paper products	3,856	389	1	4,246
Iron and its products	-	-	-	-
Non-ferrous metal products	-	-	-	-
Non-metallic mineral products	1,486	219	-	1,705
Chemicals and chemical products ..	125	-	-	125
Miscellaneous industries	-	-	-	-
Central electric stations	100,855	17,589	-	118,444
T o t a l s	111,738	19,067	1	130,806

1/ In order to avoid duplication, the horse-power capacity of electric motors operated by purchased power has not been included in this total, since this power has already been shown under Central electric stations.

Table 9. - Fuel Consumed in the Manufactur

	Bituminous Coal	Anthracite Coal	Lignite Coal
	\$	\$	\$
Vegetable products	88,659	4,045	70,146
Animal products	51,657	812	72,542
Textiles and textile products	17,834	440	16,546
Wood and paper products	23,053	1,600	3,525
Iron and its products	5,018	-	70
Non-ferrous metal products	50	-	-
Non-metallic mineral products	34,775	467	25,063
Chemicals and chemical products	3,468	-	310
Miscellaneous industries	84	-	-
Central electric stations	580,772	2,210	185,313
T o t a l s	805,370	9,574	373,515
	Ton	Ton	Ton
Volume of Fuel Consumed	141,225	896	88,638

PROVINCE OF SASKATCHEWAN, 1930.

of Industries, 1930.

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.	
6,908	89	6,997	11,604	
3,743	-	3,743	4,853	
172	-	172	652	
2,416	-	2,416	6,662	
1,413	-	1,413	1,413	
1	-	1	1	
1,531	-	1,531	3,236	
263	-	263	388	
6	-	6	6	
-	-	-	118,444	
16,453	89	16,542	130,806 1/2	

Industries of Saskatchewan, 1930.

Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
\$	\$	\$	\$	\$	\$	\$
10,897	6,313	24,674	26,225	30	92	231,081
-	163	494	6,299	-	2,510	134,477
-	236	716	294	-	-	36,066
60	5,097	3,016	3,140	-	1,645	41,136
3,821	184	21,718	692	-	-	31,503
-	15	75	-	-	-	140
68,983	1,435	168,263	3,746	174,562	1,140	478,434
-	11	217	-	-	-	4,006
-	-	-	27	-	-	111
-	18,659	258,780	518	-	-	1,046,252
83,761	32,113	477,953	40,941	174,592	5,387	2,003,206
Ton	Gal.	Gal.	Cord	M cu. ft.		
10,336	109,372	6,254,079	10,174	529,808		

Section 4.

MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1930.

The Census of Industry received reports from 845 establishments operating in Alberta in 1930. These establishments reported a total production of finished merchandise valued at \$94,314,782, which was \$12,509,694 or almost 12 per cent lower than the total production for 1929 valued at \$106,824,476. The cost of raw materials also declined heavily in 1930, their value being \$53,621,884 or \$9,078,724 lower than the cost in 1929, which amounted to \$62,700,608.

The number of establishments reporting showed an increase of 28 over 1929. Their capital investment was \$109,930,271, an increase of \$2,282,243 over the investment of 1929, 14,099 persons were furnished employment and were paid \$17,092,033 in salaries and wages in 1930. These were increases of 351 persons and \$631,995 respectively in comparison with 1929. Tables 1 and 2 review these variations in detail.

Table 3 shows the principal statistics of the ten leading industries in 1930. The principal ones from a standpoint of production are slaughtering and meat-packing with an output of \$16,339,524, followed by flour mills with an output of \$13,672,500 and petroleum products whose output was \$12,267,154.

Table 4 shows the principal statistics of the cities and towns of Alberta in the order of their production in 1930. The city of Calgary with an output of \$39,230,983 leads in this respect, followed by Edmonton with an output valued at \$27,660,417. The combined output of these two cities is equal to almost seventy per cent of the total of the province.

Table 5 compares the principal statistics of the groups of industries for the years 1929 and 1930. In both years, the vegetable products group led with the largest production, followed by the animal products group.

Table 6 shows the principal statistics of the various industries which in 1930 made up the groups referred to in table 5.

Table 7 shows the amount of capital invested by the various groups in 1930. Of the total investment of \$109,930,271, \$76,923,567 was invested in land, buildings, machinery and tools. Materials, stocks on hand, fuel, miscellaneous supplies, etc., accounted for an investment of \$19,303,309, while the balance of \$13,703,395 was made up of cash, trading and operating accounts, bills receivable, etc.

Table 8 shows the power equipment by groups of industries in 1930 and table 9 shows the value and amount of fuel consumed by these groups in the same year.

MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1930.

Table 1. - Principal Statistics of the Manufacturing Industries of the Province of Alberta, 1926-1930.

Year	Estab-lish-ments	Capital	Employ-ees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	749	72,468,286	10,233	12,808,554	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

Table 2. - Principal Statistics of the Province of Alberta Compared for 1929 and 1930.

Principal Statistics	1929	1930	∕ Increase - Decrease
Establishments reporting	No. 817	845	∕ 28
Capital invested	\$ 107,648,028	109,930,271	∕ 2,282,243
Employees on salaries -			
Male	No. 1,878	1,934	∕ 56
Female	No. 476	446	- 30
Total salaries	\$ 4,185,508	4,432,443	∕ 246,935
Employees on wages -			
Male	No. 9,713	10,255	∕ 542
Female	No. 1,681	1,464	- 217
Total wages	\$ 12,274,530	12,659,590	∕ 385,060
Outside piece-workers -			
Male	No. 2	1	- 1
Female	No. 6	-	- 6
Total amount paid	\$ 3,373	60	- 3,313
Cost of fuel	\$ 1,678,531	1,513,551	- 164,980
Primary power equipment	H.P. 154,749	173,147	∕ 18,400
Cost of materials	\$ 62,700,608	53,621,884	- 9,078,724
Gross value of products	\$ 106,824,476	94,314,782	- 12,509,694
Net value of products	\$ 44,123,868	40,692,898	- 3,430,970

MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1930.

Table 3. - Principal Statistics of the Ten Leading Industries of the Province of Alberta, 1930.

Industries	Estab-	Capital	Employ-	Salaries	Cost of	Value of
	lish-		ees	and Wages	Materials	Products
	ments					
	No.	\$	No.	\$	\$	\$
Slaughtering and meatpacking	6	8,684,669	1,246	1,599,178	12,849,314	16,339,524
Flour mills	37	9,874,386	608	765,429	10,553,070	13,672,500
Petroleum products .	5	8,963,665	445	711,565	9,586,927	12,267,154
Butter and cheese ..	97	3,661,615	593	714,844	4,761,811	6,343,576
Railway rolling stock	3	3,510,077	1,919	2,676,257	2,419,972	5,198,060
Central electric stations	71	27,525,124	776	1,205,586	-	4,651,870
Breweries	5	6,122,463	266	464,089	1,230,933	4,520,111
Printing and publishing	80	4,073,432	809	1,459,387	657,352	3,798,857
Bread and other bakery products ..	149	2,961,761	733	828,673	1,738,199	3,524,008
Sawmills	96	2,849,762	1,447	619,302	1,100,975	2,390,587
Total Ten Leading Industries	549	78,226,954	8,842	11,044,310	44,898,553	72,706,247
Grand Total All Industries	845	109,930,271	14,099	17,092,033	53,621,884	94,314,782

MANUFACTURING STATISTICS OF THE PROVINCE OF ALBERTA, 1930.

Table 4. - Principal Statistics of the Leading Cities and Towns in the Province of Alberta, 1930.

Cities and Towns	Estab-	Capital	Employ-	Salaries	Cost of	Gross Value
	lish-		ees	and Wages	Materials	of Products
	ments					
	No.	\$	No.	\$	\$	\$
Calgary	153	35,701,054	5,287	7,029,185	22,970,988	39,230,983
Edmonton	153	24,760,067	4,606	5,937,286	15,584,973	27,660,417
Medicine Hat	19	8,298,909	622	796,054	5,952,916	8,765,979
Lethbridge	26	3,093,428	392	525,945	1,388,103	3,956,623
Raymond	3	2,575,139	140	172,452	1,110,826	1,554,275
Redcliffe	6	1,983,062	276	342,575	266,147	755,785
Wetaskiwin	8	241,765	29	31,900	246,921	326,501
Red Deer	8	194,205	34	49,117	161,451	305,131
Camrose	9	213,507	32	43,861	159,170	266,319
Didsbury	7	192,952	30	30,778	168,631	245,919
Ponoka	7	69,624	14	17,439	156,004	216,721
Blairmore	7	360,317	52	70,987	110,620	211,140
Vegreville	6	101,035	21	23,316	129,998	185,280
Viking	5	60,404	10	16,331	120,428	154,822
Vermilion	6	161,749	16	25,635	78,703	140,754
Hanna	4	83,765	14	9,798	109,692	131,406
Coronation	4	73,852	10	11,026	99,667	127,291
Stettler	5	97,117	17	13,482	94,206	125,314
Lacombe	5	58,903	15	13,898	87,622	125,222
Leduc	7	59,600	15	10,363	81,935	119,449
Claresholm	6	61,170	7	8,986	78,077	112,079
Innisfail	6	49,304	12	13,188	82,110	106,180
Rimbey	6	46,067	35	14,735	68,747	102,667
Cardston	3	100,062	10	14,926	55,226	102,110
<hr/>						
Total for Leading Cities and Towns ..	469	78,637,057	11,696	15,223,263	49,363,161	85,008,367
Total for the Province	845	109,930,271	14,099	17,092,033	53,621,884	94,314,782

MANUFACTURING STATISTICS OF

Table 5. - Principal Statistics by Groups of

Groups of Industries	Rank in order of Product- ion	Estab-	Capital
		lish- ments No.	\$
<u>1929</u>			
Vegetable products	1	232	27,584,768
Animal products	2	126	13,975,352
Textiles and textile products	7	37	2,707,959
Wood and paper products	4	266	13,090,418
Iron and steel products	6	27	5,610,739
Non-ferrous metal products	8	5	410,307
Non-metallic mineral products	3	43	18,623,714
Chemicals and chemical products	9	7	477,701
Miscellaneous industries	10	7	326,633
Central electric stations	5	67	24,840,437
Total 1929	-	817	107,648,028
<u>1930</u>			
Vegetable products	1	252	25,595,552
Animal products	2	122	12,838,061
Textiles and textile products	7	36	2,420,536
Wood and paper products	4	265	13,160,692
Iron and steel products	5	28	7,803,058
Non-ferrous metal products	9	6	720,818
Non-metallic mineral products	3	47	19,102,953
Chemicals and chemical products	8	10	459,756
Miscellaneous industries	10	8	303,721
Central electric stations	6	71	27,525,124
Total 1930	-	845	109,930,271

THE PROVINCE OF ALBERTA, 1930.

Industries, Province of Alberta, 1929 and 1930.

Employees on Salaries			Employees on Wages			Cost of materials	Value of products
Male	Female	Salaries	Male	Female	Wages		
No.	No.	\$	No.	No.	\$	\$	\$
380	78	882,287	1,561	336	2,165,976	22,375,137	34,748,212
454	101	885,839	1,356	191	1,725,132	21,530,046	27,177,767
71	62	181,081	310	969	1,004,462	1,398,297	3,574,765
403	134	1,041,112	3,283	128	3,078,743	5,255,450	12,967,873
113	19	255,340	1,291	3	1,779,527	1,608,294	4,831,770
22	2	21,939	42	1	48,298	414,042	583,027
140	34	374,774	1,358	42	1,699,489	9,708,887	17,740,774
26	8	51,038	25	4	30,140	267,675	529,491
7	3	18,628	42	7	56,111	142,780	284,417
262	35	473,470	445	-	686,852	-	4,386,380
1,878	476	4,185,508	9,713	1,681	12,274,530	62,700,608	106,824,476
305	74	766,892	1,608	324	2,030,316	16,831,135	27,128,776
444	113	878,781	1,180	185	1,525,311	17,708,140	22,911,477
74	36	217,603	283	778	868,153	1,055,752	2,839,780
419	125	1,040,948	2,891	126	2,683,228	4,103,437	12,105,899
234	16	554,272	2,402	5	3,092,731	3,147,389	7,525,510
13	1	30,442	50	-	39,556	271,418	430,295
142	27	380,699	1,305	34	1,624,777	10,187,492	16,000,905
31	9	60,593	31	3	37,181	231,241	549,651
6	4	17,102	36	9	37,862	85,880	170,619
266	41	485,111	469	-	720,475	-	4,651,870
1,934	446	4,432,443	10,255	1,464	12,659,590	53,621,884	94,314,782

MANUFACTURING STATISTICS OF

Table 6. - Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees		
			Male No.	Female No.	Salaries \$
Vegetable products	252	25,595,552	305	74	766,892
Biscuits, confectionery, cocoa and chocolate	16	1,968,933	49	15	121,412
Bread and other bakery products	149	2,961,761	37	18	105,848
Breweries	5	6,122,463	61	5	175,404
Coffee and spices	3	89,909	6	-	12,721
Feed and grist mills	30	239,471	-	-	-
Flour mills	37	9,874,386	123	31	285,230
All other industries	12	4,338,629	29	5	66,277
Animal products	122	12,838,061	444	113	878,781
Butter and cheese	97	3,661,615	219	53	354,221
Fur goods	8	191,167	4	5	14,270
Harness and saddlery	6	278,563	2	1	5,070
Leather tanneries	4	18,090	-	-	-
Slaughtering and meatpacking ..	6	8,684,669	219	54	505,220
All other industries	1	3,957	-	-	-
Textiles and textile products ..	36	2,420,536	74	36	217,603
Awnings, tents and sails	5	74,994	7	2	17,631
Clothing, women's factory	4	108,500	6	5	17,167
Dyeing, cleaning and laundry work	16	1,133,059	39	16	98,467
Hats and caps	3	31,353	2	1	4,770
All other industries	8	1,072,630	20	12	79,568
Wood and paper products	265	13,160,692	419	125	1,040,948
Boats and canoes	3	62,450	2	-	3,000
Boxes, wooden	5	530,549	13	1	35,400
Carriages, wagons and sleighs ..	4	32,904	1	1	4,525
Engraving, stereotyping and electrotyping	3	49,977	3	-	4,075
Furniture and upholstering	11	55,783	5	-	10,096
Planing mills, sash and door factories	18	2,198,632	32	7	76,851
Printing and bookbinding	37	1,408,951	54	13	145,057
Printing and publishing	80	4,073,432	268	97	675,393
Sawmills	96	2,849,762	36	4	71,382
All other industries	8	1,898,252	5	2	15,169
Iron and its products	28	7,803,058	234	16	554,272
Castings and forgings	8	1,633,509	59	6	159,928
Primary iron and steel	3	1,093,000	14	-	29,000
Railway rolling stock	3	3,510,077	107	2	259,255
Sheet metal products	9	818,168	32	5	58,189
All other industries	5	748,304	22	3	47,900

THE PROVINCE OF ALBERTA, 1930.

Industries in the Province of Alberta, 1930.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
1,608	324	2,030,316	16,831,135	27,128,776	10,297,641
171	91	289,434	985,371	2,139,592	1,154,221
558	120	722,825	1,738,199	3,524,008	1,785,809
199	1	288,685	1,230,933	4,520,111	3,289,178
11	6	16,642	196,627	267,137	70,510
35	-	18,963	358,552	478,708	120,156
448	6	480,199	10,553,070	13,672,500	3,119,430
186	100	213,568	1,768,383	2,526,720	758,337
1,180	185	1,525,311	17,708,140	22,911,477	5,203,337
286	35	360,623	4,761,811	6,343,576	1,581,765
16	28	43,310	53,254	140,168	86,914
23	-	23,045	37,946	63,195	25,249
2	-	3,588	2,815	17,766	14,951
852	121	1,093,958	12,849,314	16,339,524	3,490,210
1	1	787	3,000	7,248	4,248
283	778	868,153	1,055,752	2,839,780	1,784,028
12	8	20,364	65,624	115,560	49,936
9	60	50,621	92,136	187,441	95,305
203	440	535,534	161,148	1,301,189	1,140,041
4	10	8,240	21,021	42,887	21,866
55	260	253,394	715,823	1,192,703	476,880
2,891	126	2,683,228	4,103,437	12,105,899	8,002,462
16	-	15,783	11,136	36,362	25,226
184	1	161,895	293,916	581,603	287,687
15	-	18,440	11,915	45,180	33,265
9	-	27,290	6,532	50,212	43,680
30	2	31,371	69,934	133,009	63,075
313	2	396,400	608,958	1,366,804	757,846
229	67	402,303	366,171	1,248,588	882,417
403	41	783,994	657,352	3,798,857	3,141,505
1,407	-	547,920	1,100,975	2,390,587	1,289,612
285	13	297,832	976,548	2,454,697	1,478,149
2,402	5	3,092,731	3,147,389	7,525,510	4,378,121
240	-	321,421	164,543	798,034	633,491
154	-	106,200	71,983	369,780	297,797
1,810	-	2,417,002	2,419,972	5,198,060	2,778,088
114	3	152,592	295,573	585,035	291,462
84	2	95,516	197,318	574,601	377,283

MANUFACTURING STATISTICS OF THE

Table 6. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees		
			Male No.	Female No.	Salaries \$
Non-ferrous metal products	6	720,818	13	1	30,442
Electrical apparatus and supplies	4	95,313	7	1	13,397
All other industries	2	625,505	6	..	17,045
Non-metallic mineral products	47	19,102,953	142	27	380,699
Aerated and mineral waters	16	826,000	20	7	49,563
Cement products	3	124,181	4	1	6,885
Clay products from domestic clay.	10	3,176,652	28	3	87,060
Petroleum products	5	8,963,665	50	7	144,118
Stone, monumental and ornamental.	5	294,241	6	7	18,343
All other industries	8	5,718,214	34	2	74,730
Chemicals and chemical products ..	10	459,756	31	9	60,593
All other industries	10	459,756	31	9	60,593
Miscellaneous industries	8	303,721	6	4	17,102
Mattresses and springs	3	247,693	4	3	11,922
All other industries	5	56,028	2	1	5,180
Central electric stations	71	27,525,124	266	41	485,111
T o t a l	845	109,930,271	1,934	446	4,432,443

PROVINCE OF ALBERTA, 1930.

in the Province of Alberta, 1930. - Cont'd.

Wage-earners			Cost of Materials	Value of Products	
Male	Female	Wages		Gross	Net
No.	No.	\$	\$	\$	\$
50	-	39,556	271,418	430,295	158,877
14	-	15,134	24,369	65,703	41,334
36	-	24,422	247,049	364,592	117,543
1,305	34	1,624,777	10,187,492	16,000,905	5,813,413
78	11	109,677	192,398	630,544	438,146
24	-	31,711	17,896	70,254	52,358
403	-	435,140	-	997,685	997,685
385	3	567,447	9,586,927	12,267,154	2,680,227
53	8	60,499	72,809	217,822	145,013
362	12	420,303	317,462	1,817,446	1,499,984
31	3	37,181	231,241	549,651	318,410
31	3	37,181	231,241	549,651	318,410
36	9	37,862	85,880	170,619	84,759
25	5	24,062	61,503	111,094	49,591
11	4	13,800	24,377	59,525	35,148
469	-	720,475	-	4,651,870	4,651,870
10,255	1,464	12,659,590	53,621,884	94,314,782	40,692,898

Table 7. - Capital Invested in the Manufacturing Industries of Alberta, 1930.

Groups of Industries	Fixed Capital		Working Capital		Total Capital
	Land, buildings, machinery and tools		Materials and stocks on hand, fuel and miscellan- eous supplies	Cash, Trad- ing and operating accounts and bills receivable	
	\$		\$	\$	\$
Vegetable products	14,822,799		5,013,988	5,758,765	25,595,552
Animal products	8,078,921		2,759,016	2,000,124	12,838,061
Textiles and textile products	1,526,755		492,645	401,136	2,420,536
Wood and paper products	8,625,644		2,642,721	1,892,327	13,160,692
Iron and its products	5,160,215		2,109,095	533,748	7,803,058
Non-ferrous metal products .	187,604		115,196	418,018	720,818
Non-metallic mineral products	11,640,610		5,762,604	1,699,759	19,102,953
Chemicals & chemical products	387,396		34,390	37,970	459,756
Miscellaneous industries ...	218,727		43,072	41,922	303,721
Central electric stations ..	26,274,896		330,582	919,646	27,525,124
Totals	76,923,567		19,303,309	13,703,395	109,930,271

MANUFACTURING STATISTICS OF

Table 8. -- Power Equipment by

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or waterwheels	Total Primary Power
	H.P.	H.P.	H.P.	H.P.
Vegetable products	4,819	790	-	5,609
Animal products	3,521	60	-	3,581
Textiles and textile products	72	-	-	72
Wood and paper products	8,877	962	132	9,971
Iron and its products	25	300	-	325
Non-ferrous metal products	-	-	-	-
Non-metallic mineral products	4,113	171	-	4,284
Chemicals and chemical products	7	-	-	7
Miscellaneous industries	-	-	-	-
Central electric stations	75,512	4,266	69,520	149,298
T o t a l s	96,946	6,549	69,652	173,147

1/ In order to avoid duplication the horse power capacity of electric motors operated by purchased power has not been included in this total, since this power has already been shown under Central electric stations.

Table 9. -- Fuel Consumed in the

	Bituminous Coal	Anthracite Coal	Lignite Coal
	\$	\$	\$
Vegetable products	94,148	1,118	26,696
Animal products	91,961	-	14,547
Textiles and textile products	12,643	-	3,084
Wood and paper products	17,698	45	3,541
Iron and its products	51,193	135	66,389
Non-ferrous metal products	1,465	-	-
Non-metallic mineral products	229,613	-	1,121
Chemicals and chemical products	360	-	-
Miscellaneous industries	292	-	-
Central electric stations	5,598	-	227,468
Total of Groups	504,971	1,298	342,846
	Ton	Ton	Ton
Volume of Fuel Consumed	157,840	207	152,730

THE PROVINCE OF ALBERTA, 1930.

Groups of Industries, 1930.

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.
9,825	1,018	10,843	15,434
4,143	430	4,573	7,724
781	-	781	853
5,766	-	5,766	15,737
9,817	-	9,817	10,142
159	-	159	159
10,848	2,075	12,923	15,132
358	-	358	365
187	-	187	187
-	-	-	149,298
41,884	3,523	45,407	173,147 1/2

Manufacturing Industries of Alberta, 1930.

Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel
\$	\$	\$	\$	\$	\$	\$
10,147	2,915	3,951	9,743	88,878	1,038	238,634
-	474	-	2,513	46,007	3,156	158,658
-	-	-	701	25,296	877	42,601
33	15,750	4,496	2,162	57,498	4,251	105,474
345	477	15,197	89	39,043	-	172,868
5,292	-	-	179	733	6	7,675
6,811	1,013	62,183	8,548	174,655	-	483,944
-	8	-	-	558	3,602	4,528
-	-	-	-	591	41	924
-	9,945	32,838	500	21,896	-	298,245
22,628	30,582	118,665	24,435	455,155	12,971	1,513,551
Ton	Gal.	Gal.	Cord	M cu. ft.		
5,298	96,619	2,046,033	7,304	3,776,177	-	-

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