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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

MANUFACTURING INDUSTRIES
OF THE
PRAIRIE PROVINCES
1938



OTTAWA
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DEPARTMENT OF TRADE AND COMMERCE
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GENERAL MANUFACTURES BRANCH
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SECTION 1. - MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1938.

The report on the manufacturing industries of the Prairie Provinces for the year 1938 is presented herewith.

This report is divided into four sections. Section 1 deals with the three provinces as a group, and the tables included therein review the principal statistics of the group from 1929 to 1938, together with statistics of the leading industries and leading cities and towns in 1938. Sections 2, 3 and 4, deal with the Provinces of Manitoba, Saskatchewan and Alberta respectively, and the tables included illustrate their manufacturing activities during recent years.

Manufacturing production in the Prairie Provinces experienced a minor recession in 1938. Compared with the previous year there were decreases of \$9,762,771 or 3.5 per cent in the gross value of production, \$9,134,522 or 5.1 per cent in the cost of materials used and \$735,006 or .8 per cent in the value added by manufacture. In spite of a decrease of 23 in the number of employees, salaries and wages paid were, however, \$691,579 or 1.4 per cent higher.

The percentage variation in employment and production for the Prairie Provinces and Canada are given in the table following. The Prairie Provinces as a unit were not as severely affected by this recession as were the other provinces. Manitoba reported the greatest declines while Alberta and Saskatchewan reported increases in both the number of employees and salaries and wages paid.

Percentage Variation in 1938 as Compared with 1937.

	Number of Employees	Salaries and Wages Paid	Gross Value of Products
	P.C.	P.C.	P.C.
CANADA	- 2.8	- 2.2	- 7.9
Manitoba	- 0.8	-	- 6.4
Saskatchewan	+ 0.3	+ 3.4	- 1.9
Alberta	+ 1.3	+ 3.3	+ 0.5

Establishments reporting in 1938 numbered 2,720 with a capital investment of \$221,924,112. These plants furnished employment to 42,314 persons who received \$48,551,773 in salaries and wages and produced goods with a gross selling value at the factory of \$279,473,633 while the value added by manufacture amounted to \$95,207,209.

From the standpoint of value of production, slaughtering and meat packing again led all industries in 1938 with an output valued at \$52,419,003. This was followed by flour and feed mills with a production of \$38,181,225 and butter and cheese with \$27,504,067. These three industries accounted for over 42 per cent of the total production of the Prairie Provinces. Other leading industries, in the order named were: petroleum products, railway rolling stock, bread and other bakery products, printing and publishing, breweries, etc. The principal statistics of the leading industries are reviewed in Table 3.

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1938.

The City of Winnipeg, with an output of \$78,029,078 is the most important manufacturing centre. Calgary, with an output of \$31,908,064 comes next. Other important cities, in the order named, are: Edmonton, St. Boniface, Regina, Moose Jaw, Saskatoon, Transcona, Medicine Hat, etc. Principal statistics of the leading cities and towns are given in Table 4.

Table 1. - Principal Statistics of the Manufacturing Industries of Canada,
By Provinces, 1938.

	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
CANADA ...	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	3,337,681,366
Prince Edward Island	229	2,652,783	1,041	582,725	2,379,543	3,570,667
Nova Scotia ...	1,102	91,393,782	16,810	15,570,669	39,703,367	74,860,605
New Brunswick .	826	81,965,576	13,967	13,177,238	31,578,262	58,570,952
Quebec	8,655	1,146,235,084	214,397	213,390,084	518,430,815	983,123,599
Ontario	9,883	1,676,896,175	311,274	362,351,277	909,958,721	1,712,496,421
Manitoba	1,072	114,367,743	23,507	27,195,923	80,447,740	131,770,280
Saskatchewan ..	678	38,364,021	6,123	6,988,061	43,437,556	61,027,853
Alberta	970	69,192,348	12,684	14,367,789	54,345,594	86,675,500
British Colum- bia and Yukon.	1,785	264,615,506	42,213	52,044,823	127,196,430	225,585,489

Table 2. - Principal Statistics of the Prairie Provinces 1929 - 1938.

Year	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Net Value of Production	Gross Value of Production
	No.	\$	No.	\$	\$	\$	\$
1929	2,191	247,165,647	43,253	54,915,927	201,536,065	123,752,936	331,601,095
1930	2,225	249,681,575	42,765	53,953,718	163,490,051	109,317,868	279,014,050
1931	2,311	244,491,936	1/37,405	46,619,912	113,388,708	93,215,018	211,867,431
1932	2,386	218,667,597	34,715	37,443,847	91,964,115	72,479,024	169,003,096
1933	2,557	208,367,400	33,406	33,109,661	93,130,003	67,745,838	164,889,678
1934	2,583	214,527,783	35,505	35,626,115	119,152,011	76,163,476	199,495,057
1935	2,683	224,153,509	37,772	39,220,603	138,506,342	276,364,126	219,483,573
1936	2,610	230,795,976	40,045	42,832,148	157,369,259	285,201,213	247,707,022
1937	2,627	229,446,146	42,337	47,860,194	187,365,412	295,942,215	289,236,404
1938	2,720	221,924,112	42,314	48,551,773	178,230,890	295,207,209	279,473,633

1/ The large decrease in the number of employees since 1931 is not entirely due to the decline in manufacturing production. The decrease is in part due to a change in the method of computing the average annual employment of wage-earners.

2/ In 1935 a change was made in the method of calculating the "net value of production" in the non-ferrous metal smelting and refining industry. Therefore, the figures for this item, in that and following years, are lower than they would have been by the old method.

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1938.

Table 3. - Ten Leading Industries of the Prairie Provinces, 1938.

Industry	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1. Slaughtering and meat packing	28	17,093,604	4,174	5,649,397	40,326,608	52,419,003
2. Flour mills	192	19,369,674	1,731	1,967,982	32,120,192	38,181,225
3. Butter and cheese	261	12,386,101	3,143	3,575,205	19,385,077	27,504,067
4. Petroleum products	31	8,565,845	920	1,347,648	13,761,008	20,151,376
5. Railway rolling stock	7	21,436,527	5,594	7,310,558	7,837,199	15,688,296
6. Bread and other bakery products	451	6,822,441	2,543	2,377,207	4,890,575	9,483,076
7. Printing and publishing	300	8,856,240	2,875	3,978,219	1,630,266	9,091,495
8. Breweries	16	8,515,068	784	1,275,180	2,408,794	6,844,454
9. Clothing, men's factory(incl. Furnishings)	35	2,727,456	1,605	1,248,382	2,986,295	4,864,338
10. Printing and bookbinding	172	5,953,662	1,780	2,091,769	1,564,780	4,477,161
11. All other leading industries 1/.....	4	11,120,006	1,030	1,455,692	17,266,566	21,001,493
TOTAL, LEADING INDUSTRIES	1,497	122,846,624	26,179	32,277,239	144,177,360	209,705,984
TOTAL, ALL INDUSTRIES	2,720	221,924,112	42,314	48,551,773	178,230,890	279,473,633

1/ Includes: Non-ferrous metal smelting and refining and Automobiles.

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1958.

Table 4. - Principal Statistics of the Leading Cities and Towns of the Prairie Provinces, 1958.

Cities and Towns	Estab- lish- ments	Capital Invested	Wage-earners		Total Wages	Total Em- ployees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials Used	Gross Value of Production
			Male	Female						
	No.	\$	No.	No.	\$	No.	\$	\$	\$	\$
Winnipeg, Manitoba	634	68,339,544	10,656	2,986	13,902,850	17,153	19,811,774	1,450,340	43,319,595	78,029,078
Calgary, Alberta	191	25,909,192	2,911	356	3,685,046	4,274	5,486,989	646,080	19,574,234	31,908,064
Edmonton, Alberta	184	19,330,356	2,827	549	3,612,074	4,403	5,331,130	395,678	18,850,764	29,009,535
St. Boniface, Manitoba	46	9,309,975	1,255	73	1,407,554	1,697	2,098,140	234,216	14,754,655	20,810,127
Regina, Saskatchewan	107	11,049,375	1,446	72	1,749,020	2,070	2,629,093	512,048	11,168,981	17,344,178
Moose Jaw, Saskatchewan	44	9,346,648	523	58	680,156	884	1,142,105	282,355	12,654,086	16,077,479
Saskatoon, Saskatchewan	69	6,488,519	655	57	814,415	1,080	1,368,016	199,406	8,695,182	11,819,437
Transcona, Manitoba	5	6,777,225	1,536	-	1,998,670	1,643	2,254,605	192,711	3,399,668	6,144,482
Medicine Hat, Alberta	22	4,414,220	410	4	566,855	550	590,996	46,520	4,262,572	5,456,146
Lethbridge, Alberta	53	1,876,946	246	38	314,971	440	496,651	42,698	1,323,335	2,831,350
Prince Albert, Saskatchewan	18	1,834,682	260	18	274,292	371	425,957	58,934	1,722,453	2,623,680
Raymond, Alberta	5	3,936,765	193	11	186,653	222	236,080	35,245	899,836	1,931,596
Selkirk, Manitoba	8	2,206,032	352	2	377,785	403	535,622	149,712	726,208	1,893,499
Brandon, Manitoba	31	1,168,039	185	17	201,450	297	314,989	56,434	1,052,624	1,755,255
Portage-la-Prairie, Manitoba	9	478,902	69	31	70,931	123	97,009	11,271	941,737	1,228,840
Redcliffe, Alberta	5	1,809,850	232	24	258,402	284	312,028	50,657	564,650	1,163,627
Yorkton, Saskatchewan	13	588,648	47	4	62,430	76	95,567	20,061	453,241	737,061
Alix, Alberta	3	230,503	56	5	43,321	72	56,604	12,271	429,869	664,137
The Pas, Manitoba	6	978,433	202	2	186,064	219	219,789	5,650	208,906	648,496
Melville, Saskatchewan	7	181,537	33	4	30,979	50	47,086	10,245	407,709	516,709

SECTION 2. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Of the three Prairie Provinces, Manitoba is the most industrialized. The 1,072 establishments reporting under the Census of Manufactures furnished employment to 23,507 persons who were paid \$27,195,923 in salaries and wages. They also spent \$80,447,740 for materials, and produced goods with a selling value at the factory amounting to \$131,770,280, while the value added by manufacture totalled \$48,308,248. A minor recession was experienced in 1938. Compared with the previous year there was a decrease of 6.4 per cent in the gross value of production, .8 per cent in the number of persons employed and 3.3 per cent in the value added by manufacture, while salaries and wages paid were only slightly lower.

The leading industry was slaughtering and meat packing which had a value of production of \$24,536,019. Railway rolling-stock was second with \$12,189,152, followed by butter and cheese with \$10,261,844, flour and feed mills \$9,287,085, printing and publishing \$4,004,452, bread and other bakery products \$3,799,977, men's factory clothing \$3,681,805, printing and bookbinding \$3,057,433, etc.

Statistics by industrial groups for 1937 and 1938 are shown in Table 7. Animal products, with an output valued at \$37,981,321 again led all other groups. This was followed by vegetable products with a value of production of \$26,837,748, iron and steel products, \$19,102,098, wood and paper products \$15,890,142, non-ferrous metal products \$12,892,036, etc.

Winnipeg is the most important manufacturing centre in the Prairie Provinces. With a production valued at \$78,029,078 it accounted for approximately 59.2 per cent of the entire output of the province of Manitoba. St. Boniface is in second place with a production of \$20,810,127 or about 15.8 per cent of the provincial total. Other cities of importance are: Transcona, Selkirk, Brandon, Portage-la-Prairie and The Pas.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 5. - Principal Statistics of the Manufacturing Industries of the Province of Manitoba, 1929 to 1938.

Year	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Net Value of Production	Gross Value of Production
	No.	\$	No.	\$	\$	\$	\$
1929	861	121,363,898	24,012	31,224,596	87,832,324	62,925,015	155,266,294
1930	876	126,806,801	24,003	30,876,043	74,535,962	56,007,805	133,845,947
1931	894	123,861,840	1/22,062	27,840,416	54,958,745	52,235,773	110,032,372
1932	911	110,401,086	20,223	21,731,654	45,452,436	40,303,911	88,091,022
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1934	1,013	104,865,130	19,828	19,932,594	54,595,345	41,077,566	97,693,242
1935	1,035	116,127,822	21,196	22,403,193	67,756,585	2/39,559,035	109,621,432
1936	1,011	118,515,841	22,507	24,490,299	74,374,078	2/45,015,577	122,050,502
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1938	1,072	114,367,743	23,507	27,195,923	80,447,740	48,308,248	131,770,280

- 1/ For explanation of the large decrease in the number of employees see page 2, note 1.
- 2/ A change was made in the method of calculating the "net value of production" in the non-ferrous metal smelting and refining industry. The figures for 1935, 1936, 1937 and 1938 are, therefore, lower than they would have been by the old method.

Table 6 - Principal Statistics of the Province of Manitoba Compared for 1937 and 1938.

Items	1937	1938	+ Increase - Decrease
Establishments reporting No.	1,043	1,072	+ 29
Capital invested \$	119,363,026	114,367,743	- 4,995,283
Employees on salaries -			
Male No.	3,629	3,799	+ 170
Female No.	879	893	+ 14
Total salaries \$	7,295,154	7,745,349	+ 450,195
Employees on wages -			
Male No.	15,875	15,637	- 238
Female No.	3,323	3,178	- 145
Total wages \$	19,903,824	19,450,574	- 453,250
Power equipment H.P.	128,861	156,242	+ 27,381
Cost of fuel and electricity \$	3,170,472	3,014,292	- 156,180
Cost of materials used \$	87,684,514	80,447,740	- 7,236,774
Gross value of production \$	140,805,451	131,770,280	- 9,035,171
Net value of production 1/ \$	49,950,465	48,308,248	- 1,642,217

- 1/ Gross value of products less the cost of materials, fuel and electricity used.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1958.

Table 7. - Principal Statistics by Groups of Industries, 1957 and 1958.

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on Salaries			Employees on Wages			Cost of Materials Used	Net Value of Production	Gross Value of Production
			Male	Female	Salaries	Male	Female	Wages			
	No.	\$	No.	No.	\$	No.	No.	\$	\$	\$	\$
<u>1957</u>											
Vegetable products	269	21,051,631	604	139	1,162,540	2,022	553	2,322,499	19,706,997	9,377,816	29,703,848
Animal products	167	15,990,087	741	185	1,353,479	2,859	411	3,648,254	31,694,123	10,199,321	42,268,772
Textiles and textile products	90	5,742,246	223	78	512,162	808	1,720	1,709,190	6,386,859	3,220,199	9,657,854
Wood and paper products	342	26,274,904	1,034	278	2,023,399	3,043	488	3,824,321	6,338,877	10,353,668	17,365,839
Iron and steel products	50	24,131,721	541	77	1,232,317	5,735	6	6,947,516	8,987,616	9,194,667	18,866,208
Non-ferrous metal products	21	6,703,169	77	11	189,331	273	3	288,341	9,796,266	1,948,595	12,087,723
Non-metallic mineral products	37	12,790,659	112	35	216,199	501	3	459,400	1,671,818	2,375,457	4,370,924
Chemicals and chemical products ..	37	4,920,330	180	53	386,779	331	81	395,356	2,181,784	2,319,103	4,569,710
Miscellaneous products	30	1,778,279	117	23	218,948	320	58	308,947	920,174	961,639	1,914,573
TOTAL	1,043	119,363,026	3,629	879	7,295,154	15,875	3,323	19,903,824	87,684,514	49,950,465	140,805,451
<u>1958</u>											
Vegetable products	273	19,216,058	649	147	1,322,479	2,084	555	2,421,578	16,795,167	9,445,986	26,837,748
Animal products	173	13,530,612	756	185	1,396,618	2,694	413	3,362,145	27,681,638	9,923,061	37,981,321
Textiles and textile products	89	5,121,483	212	62	528,387	766	1,591	1,620,323	5,781,487	3,024,883	8,861,313
Wood and paper products	351	25,609,494	1,039	278	2,033,654	3,027	468	3,685,351	5,815,627	9,585,360	15,890,142
Iron and steel products	53	24,140,117	578	84	1,323,357	5,535	6	6,693,922	9,186,776	9,265,254	19,102,098
Non-ferrous metal products	22	6,320,602	106	9	260,138	422	2	504,993	10,567,122	1,457,093	12,392,036
Non-metallic mineral products	41	13,880,066	139	41	231,998	510	3	491,101	1,874,314	2,290,628	4,540,339
Chemicals and chemical products ...	40	4,773,005	192	61	413,123	301	86	361,862	1,913,358	2,239,118	4,221,983
Miscellaneous products	30	1,776,306	128	28	235,595	298	54	309,299	832,271	1,076,865	1,943,300
TOTAL	1,072	114,367,743	3,799	893	7,745,349	15,637	3,178	19,450,574	80,447,740	48,306,248	131,770,280

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 8. - Principal Statistics of the Leading Industries, 1938.

Industry	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1. Slaughtering and meat packing	9	6,793,916	1,798	2,377,582	18,769,779	24,536,019
2. Railway rolling stock	4	14,404,117	4,236	5,572,686	6,167,728	12,189,152
3. Butter and cheese	85	4,360,404	1,280	1,573,868	7,034,248	10,261,844
4. Flour and feed mills	42	4,357,417	504	498,331	7,749,925	9,287,085
5. Printing and publishing	81	3,439,562	1,171	1,639,066	705,130	4,004,452 [∞]
6. Bread and other bakery products	139	2,628,676	1,113	1,058,869	1,915,183	3,799,977 [∞]
7. Clothing, men's factory (incl. Furnishings)	30	1,828,109	1,257	936,444	2,371,400	3,681,805
8. Printing and bookbinding	85	3,937,066	1,195	1,428,346	1,136,072	3,057,433
9. Coffee, tea and spices	10	1,765,004	205	255,889	2,000,255	2,545,149
10. Malt and malt products	4	3,210,398	113	219,796	1,439,469	2,513,020
11. Breweries	6	2,461,546	362	624,388	786,606	2,506,869
12. Clothing, women's factory	24	933,754	810	686,464	1,420,651	2,311,905
13. Biscuits, confectionery, cocoa, etc. ..	20	1,585,197	529	480,817	978,322	2,206,851
14. Aerated and mineral waters	22	1,178,289	289	354,921	510,429	1,898,464
15. Bags, cotton and jute	4	1,548,081	164	197,326	1,476,770	1,871,539

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 8. - Principal Statistics of the Leading Industries, 1938 - (Concluded)

Industry	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
16. Petroleum products	5	771,969	100	99,530	1,044,062	1,659,986
17. Boxes and bags, paper	7	1,186,727	284	327,752	946,714	1,598,219
18. Fur goods	39	1,161,413	421	412,570	855,324	1,494,254
19. Primary iron and steel	4	1,818,738	371	482,560	395,185	1,473,903
20. Mattresses and springs	4	1,163,357	335	375,898	669,106	1,449,668
21. Paints, pigments and varnishes	5	1,395,893	211	258,757	664,937	1,290,171
22. Sheet metal products	10	1,808,284	350	360,826	582,286	1,241,286
23. Medicinal and pharmaceutical preparations	7	1,123,091	134	150,148	426,465	1,097,553
24. Sawmills	82	1,323,172	470	312,836	401,220	1,086,538
25. All other leading industries	6	22,551,535	896	1,311,275	12,026,396	15,126,250
TOTAL, LEADING INDUSTRIES	734	88,735,715	18,598	21,996,945	72,473,662	114,189,392
TOTAL, ALL INDUSTRIES	1,072	114,367,743	23,507	27,195,923	80,447,740	131,770,280

1/ Includes: Pulp and paper, Bridge and structural steel work, Non-ferrous metal smelting and refining and Coke and gas products.

MANUFACTURING INDUSTRIES OF THE

Table 9. - Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Vegetable Products	273	19,216,058	649	147	1,322,479
Aerated and mineral waters	22	1,178,289	62	12	110,042
Biscuits, confectionery, cocoa, etc.	20	1,585,197	97	14	185,052
Bread and other bakery products	139	2,628,676	111	46	155,683
Breweries	6	2,461,546	96	15	331,969
Coffee, tea and spices	10	1,765,004	73	26	153,945
Flour and feed mills	42	4,357,417	116	13	186,138
Foods, breakfast	3	96,210	6	3	5,902
Foods, stock and poultry	5	227,590	14	3	26,278
Foods, miscellaneous	5	564,573	9	3	21,530
Fruit and vegetable preparations	8	485,481	26	7	38,304
Macaroni, vermicelli, etc.	3	277,787	5	3	8,948
Malt and malt products	4	3,210,398	25	1	85,605
All other industries	6	377,890	9	1	13,083
Animal Products	173	13,530,612	756	185	1,396,618
Boots and shoes, leather	5	148,598	15	1	14,069
Butter and cheese	85	4,360,404	216	98	404,375
Cheese, processed	3	27,691	2	1	1,720
Fur, dressing and dyeing	3	101,410	5	3	4,289
Fur goods	39	1,161,413	64	25	136,738
Gloves and mittens, leather	4	256,073	14	5	35,120
Miscellaneous leather goods	14	324,908	16	2	17,288
Sausage and sausage casings	7	163,197	16	5	22,792
Slaughtering and meat packing	9	6,793,916	396	44	746,161
All other industries	4	193,002	12	1	14,066
Textiles and Textile Products	89	5,121,483	212	62	528,387
Awnings, tents and sails	4	27,506	4	1	7,440
Bags, cotton and jute	4	1,548,081	15	5	62,086
Clothing, men's factory 1/	30	1,828,109	87	25	214,223
Clothing, women's factory	24	933,754	47	20	143,367
Hats and caps	15	359,992	33	5	52,697
Hosiery and knitted goods	5	314,433	12	4	24,068
All other industries	7	109,608	14	2	24,506
Wood and Paper Products	351	25,609,494	1,039	278	2,033,654
Boxes and bags, paper	7	1,186,727	43	16	133,213
Boxes, wooden	12	495,085	28	3	51,781
Carriages, wagons and sleighs	3	160,146	8	1	12,509
Engraving, stereotyping and electro- typing	7	407,429	35	10	87,897
Furniture	28	721,379	68	13	104,802
Miscellaneous paper products	4	508,216	18	4	40,694
Miscellaneous wooden products	9	70,822	8	1	7,607
Planing mills, sash and door factories	12	1,010,426	27	2	37,576
Printing and bookbinding	85	3,937,066	218	51	434,057
Printing and publishing	81	3,439,562	404	148	819,784
Sawmills	82	1,323,172	58	1	42,709
All other industries	21	12,349,464	124	28	261,025

1/Clothing, men's factory includes Men's Furnishing goods.

PROVINCE OF MANITOBA, 1938.

Industries in Each Group, 1938.

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	
2,084	555	2,421,578	596,595	16,795,167	9,445,986	26,837,748
208	7	244,879	23,960	510,429	1,364,075	1,898,464
169	249	295,765	63,718	978,322	1,164,811	2,206,851
858	98	902,186	129,918	1,915,183	1,754,876	3,799,977
249	2	292,419	77,049	786,606	1,643,214	2,506,869
61	45	101,944	13,319	2,000,255	531,575	2,545,149
355	20	512,193	102,136	7,749,925	1,435,024	9,287,085
4	8	9,932	1,778	89,463	133,882	225,123
15	-	18,219	5,502	147,231	62,804	215,537
10	22	18,863	2,449	489,792	108,211	600,452
34	92	54,583	8,236	251,664	177,768	437,668
11	11	12,891	7,482	79,666	57,026	144,174
87	-	134,191	146,658	1,439,469	926,893	2,513,020
23	1	22,513	14,390	357,162	85,827	457,379
2,694	413	3,362,145	376,622	27,681,638	9,923,061	37,981,321
74	29	59,502	2,513	181,336	88,650	272,499
941	25	1,169,493	149,103	7,034,248	3,078,493	10,261,844
7	4	7,180	215	69,129	34,073	103,417
40	-	35,991	2,023	15,246	72,765	90,034
186	146	275,832	7,450	855,324	631,480	1,494,254
58	74	60,675	2,513	179,171	134,687	316,371
53	15	49,517	2,344	119,304	116,467	238,115
53	2	48,181	9,157	366,136	130,451	505,744
1,243	115	1,631,421	195,245	18,769,779	5,570,995	24,536,019
39	3	24,353	6,059	91,965	65,000	163,024
766	1,591	1,620,323	54,963	5,781,467	3,024,883	8,861,313
7	8	8,252	481	23,241	19,950	43,672
56	88	135,240	11,174	1,476,770	383,595	1,871,539
236	909	722,221	16,989	2,371,400	1,293,416	3,681,805
340	403	543,097	12,628	1,420,651	878,626	2,311,905
51	88	91,167	2,898	220,246	216,010	439,154
32	82	83,846	3,663	229,700	148,050	381,413
44	13	36,500	7,130	39,459	85,236	131,825
3,027	468	3,685,351	489,155	5,815,627	9,585,360	15,890,142
137	88	194,539	15,517	946,714	635,988	1,598,219
202	1	152,237	16,245	196,659	286,486	499,390
41	-	38,431	4,278	59,082	75,042	138,402
115	19	238,808	5,615	44,408	379,346	429,369
212	10	188,182	11,661	411,478	423,193	846,332
14	30	40,749	2,915	101,927	142,798	247,640
18	-	9,606	1,014	39,830	32,578	73,422
180	-	175,058	14,398	274,202	319,745	608,345
697	229	994,289	40,751	1,136,072	1,880,610	3,057,453
566	53	819,282	58,491	705,130	3,240,831	4,004,452
403	8	270,127	11,825	401,220	673,493	1,086,538
442	30	564,043	306,445	1,498,905	1,495,250	3,300,600

MANUFACTURING INDUSTRIES OF THE

Table 9. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Iron and Steel Products	53	24,140,117	578	84	1,323,357
Agricultural implements	4	522,093	23	6	51,502
Automobile supplies	5	144,812	11	4	17,364
Castings and forgings	4	1,622,514	46	5	79,572
Machinery	10	496,513	24	6	52,120
Primary iron and steel	4	1,818,738	30	3	115,747
Railway rolling stock	4	14,404,117	233	13	537,958
Sheet metal products	10	1,808,284	56	22	116,378
All other industries	12	3,323,046	155	25	352,716
Non ferrous Metal Products	22	6,320,602	106	9	260,138
Brass and copper products	5	498,929	25	-	69,638
Electrical apparatus and supplies	10	387,428	35	6	87,867
All other industries	7	5,434,245	46	3	102,633
Non metallic Mineral Products	41	13,880,066	139	41	231,998
Clay products from domestic clay	4	258,534	8	-	15,960
Glass products	4	110,581	10	4	11,000
Lime	4	545,781	5	-	10,365
Petroleum products	5	771,969	29	7	43,682
Stone, monumental and ornamental	14	196,646	24	4	26,642
All other industries	10	11,996,555	63	26	124,349
Chemicals and Chemical Products	40	4,773,005	192	61	413,123
Gases, compressed	3	431,376	20	7	47,945
Medicinal and pharmaceutical preparations	7	1,123,091	18	19	61,795
Miscellaneous chemical products	9	487,222	20	5	63,502
Paints, pigments and varnishes	5	1,395,893	76	12	137,848
Soaps and washing compounds	8	987,384	43	14	80,942
Toilet preparations	4	47,991	9	3	8,467
All other industries	4	300,048	6	1	12,624
Miscellaneous Products	30	1,776,306	128	26	235,595
Brooms, brushes and mops	4	146,641	12	-	18,174
Mattresses and springs	4	1,163,357	85	19	156,553
Scientific and professional equipment	5	14,206	4	1	6,766
Signs, electric and other	4	81,190	11	2	19,722
Stamps and stencils, rubber and metal	4	29,092	7	-	10,604
All other industries	9	341,820	9	4	23,776
TOTAL	1,072	114,367,743	3,799	893	7,745,349

PROVINCE OF MANITOBA, 1938.

in each Group, 1938. - (Concluded.)

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
5,535	6	6,693,922	650,068	9,186,776	9,265,254	19,102,098
88	1	74,309	9,397	202,410	207,393	419,200
50	-	43,317	3,597	69,466	78,924	151,987
237	-	268,911	23,584	235,601	493,816	753,001
96	1	97,432	8,177	116,338	234,161	358,676
337	1	366,813	161,308	395,185	917,410	1,473,903
3,990	-	5,034,728	365,353	6,167,728	5,656,071	12,189,152
270	2	244,448	22,550	582,286	636,450	1,241,286
467	1	563,664	56,102	1,417,762	1,041,029	2,514,893
422	2	504,993	367,821	10,567,122	1,457,093	12,392,036
64	-	61,159	20,586	291,032	257,786	569,404
80	2	62,481	14,501	236,785	291,863	543,149
278	-	381,353	332,734	10,039,305	907,444	11,279,483
510	3	491,101	375,397	1,874,314	2,290,628	4,540,339
60	-	40,415	23,278	460	81,596	105,334
16	3	17,598	1,896	20,024	36,008	57,928
75	-	56,695	43,299	33,793	121,593	198,685
64	-	55,848	43,157	1,044,062	572,767	1,659,986
39	-	31,493	4,259	45,047	88,020	137,326
256	-	289,052	259,508	730,928	1,390,644	2,381,080
301	36	361,862	69,507	1,913,358	2,239,118	4,221,983
25	-	32,937	9,199	41,339	284,394	334,932
47	50	88,353	7,522	226,465	663,566	1,097,553
42	-	42,559	3,766	337,563	271,074	612,403
109	14	120,909	21,158	664,937	604,076	1,290,171
53	15	53,636	21,293	312,979	338,033	672,305
4	7	3,293	200	12,484	16,901	29,585
21	-	20,175	6,369	117,591	61,074	185,034
298	54	309,299	34,164	832,271	1,076,865	1,943,300
52	-	31,560	2,058	62,560	105,855	170,473
195	36	219,345	20,110	669,106	760,452	1,449,668
2	3	2,500	536	6,028	11,735	18,299
26	-	27,542	2,355	20,241	85,402	107,998
4	-	2,974	246	3,709	17,745	21,700
19	15	25,378	8,859	70,627	95,676	175,162
15,637	3,178	19,450,574	3,014,292	80,447,740	48,308,248	131,770,280

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 10. - Cities, Towns and Villages in the Province of Manitoba having Three or More Establishments, 1938.

Cities, Towns and Villages	Estab- lish- ments	Capital Invested	Wage-earners		Total Wages	Total Em- ployees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials Used	Gross Value of Production
			Male	Female						
	No.	\$	No.	No.	\$	No.	\$	\$	\$	\$
Winnipeg	634	68,339,544	10,638	2,986	13,902,850	17,153	19,611,774	1,450,340	43,319,595	78,029,078
St. Boniface	46	9,309,975	1,255	73	1,407,554	1,697	2,098,140	234,216	14,754,655	20,810,127
Transcona	3	6,777,225	1,536	-	1,998,670	1,843	2,254,605	192,711	3,399,688	6,144,482
Selkirk	8	2,206,052	352	2	377,785	403	535,622	149,712	726,208	1,893,499
Brandon	31	1,168,039	185	17	201,450	297	314,989	36,434	1,052,624	1,755,255
Portage-la-Prairie	9	478,902	69	31	70,931	123	97,009	11,271	941,737	1,228,840
The Pas	6	978,433	202	2	186,064	219	219,789	5,650	208,906	648,496
Neepawa	8	233,877	38	2	30,125	57	50,191	29,288	286,811	401,961
Killarney	4	240,707	14	-	5,950	16	8,810	9,006	144,666	265,177
Dauphin	6	111,862	14	2	15,804	35	33,385	4,362	190,663	258,374
Souris	3	65,128	11	4	14,330	20	19,380	2,353	153,642	220,294
Shoal Lake	3	68,404	12	-	7,688	20	14,988	2,187	170,300	215,473
Morden	6	81,383	25	1	13,122	31	19,452	4,112	167,804	210,623
Elkhorn	3	32,779	4	-	3,500	9	8,751	2,121	150,085	193,909
Carman	8	122,208	22	8	19,999	40	28,097	4,067	132,992	186,145
Russell	3	37,887	5	1	3,638	11	10,238	1,885	126,637	172,490
Morris	6	133,080	11	-	7,620	19	15,270	3,624	121,956	165,524
Virden	6	59,948	9	5	6,906	24	13,920	2,657	111,092	159,629
Swan River	5	39,645	10	3	6,387	18	10,216	2,493	79,068	125,140
Rapid City	3	12,144	2	1	2,551	8	7,579	1,979	94,077	119,804
Melita	3	14,467	2	1	1,790	7	5,358	857	84,177	113,796
Teulon	3	34,488	6	1	5,129	9	7,394	1,441	70,911	98,302
Manitou	4	28,991	9	2	7,534	14	11,132	1,388	70,132	94,896
Stonewall	4	279,017	32	4	28,501	41	36,961	19,586	35,089	80,759
Winnipegosis	5	38,225	13	1	5,841	18	8,673	1,242	62,436	80,234
Wawanese	4	81,214	6	1	5,435	12	11,163	2,181	44,792	79,114
Minnedosa	4	33,698	6	1	4,588	10	8,168	1,497	43,560	66,027
Gilbert Plains	3	11,352	2	-	1,472	7	3,369	522	33,123	40,491
Deloraine	3	48,294	4	-	2,709	5	3,622	1,746	22,991	31,721
Hamiota	3	32,341	5	-	3,242	7	5,543	836	15,991	27,975
Roblin	3	21,320	2	-	959	4	2,999	995	12,804	23,365
Grandview	9	19,750	2	-	811	10	3,061	873	11,907	23,150
Boissevain	3	21,757	4	-	2,724	6	5,424	1,093	4,887	15,763

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 11. - Principal Statistics of the Manufacturing Industries Located in the City of Winnipeg, Manitoba, 1938.

Industry	Estab- lish- ments No.	Capital Invested \$	Wage-earners		Total Wages \$	Total Em- ployees No.	Total Salaries and Wages \$	Cost of Fuel and Electricity \$	Cost of Materials Used \$	Gross Value of Production \$
			Male No.	Female No.						
Vegetable Products -										
Coffee, tea and spices	10	1,785,004	81	45	101,944	205	255,889	15,519	2,000,255	2,545,149
Fruit and vegetable preparations ...	6	443,849	51	91	51,517	153	88,421	7,856	251,185	395,761
Malt and malt products	5	1,989,860	51	-	75,097	67	118,622	32,853	749,870	1,568,395
Flour and feed mills	5	1,644,896	154	19	152,728	229	250,831	55,437	5,242,466	5,867,904
Bread and other bakery products	64	2,125,949	695	58	767,259	847	384,143	99,735	1,513,154	5,053,604
Biscuits, confectionery, cocos, etc..	20	1,585,197	169	249	295,765	529	480,817	63,718	978,322	2,206,851
Foods, breakfast	5	96,210	4	8	9,932	21	15,854	1,778	89,463	225,123
Foods, miscellaneous	5	564,573	10	22	18,865	44	40,393	2,449	489,792	600,452
Breweries	5	2,249,719	219	1	268,137	320	579,601	71,055	715,986	2,232,922
Aerated and mineral waters	12	1,009,971	180	6	221,061	245	517,170	20,516	458,665	1,697,420
All other vegetable products	8	618,686	34	9	37,139	59	57,257	17,691	323,513	497,528
Animal Products -										
Fur dressing and dyeing	3	101,410	40	-	35,931	48	40,290	2,023	15,246	90,034
Fur goods	37	1,086,405	179	140	266,706	401	397,651	6,542	820,560	1,411,942
Miscellaneous leather goods	8	295,297	49	15	47,739	77	61,572	1,527	115,460	223,639
Boots and shoes, leather	5	148,599	74	29	59,502	119	73,571	2,513	181,336	272,499
Gloves and mittens, leather	4	266,073	58	74	60,675	151	95,795	2,513	179,171	516,371
Slaughtering and meat packing	5	3,037,356	671	65	951,276	1,021	1,382,794	108,165	9,667,527	12,230,839
Sausages and sausage casings	7	163,137	53	2	48,181	76	70,973	9,157	556,136	505,744
Butter and cheese	10	2,479,451	565	9	772,304	678	927,195	57,979	1,904,201	3,260,011
All other animal products	3	183,545	39	6	23,799	56	36,514	4,190	147,201	256,102
Textiles and Textile Products -										
Hosiery and knitted goods	5	314,433	32	82	63,846	130	107,914	3,663	229,700	381,415
Clothing, men's factory (including Furnishing goods)	29	1,782,366	231	892	707,187	1,222	616,590	16,255	2,287,254	3,571,870
Clothing, women's factory	24	933,754	340	403	543,097	810	686,464	12,629	1,420,651	2,311,905
Hats and caps	15	353,992	51	88	91,167	177	143,864	2,898	220,246	459,154
Awings, tents and sails	3	20,494	6	8	7,718	18	14,112	437	21,346	59,922
Bags, cotton and jute	4	1,549,081	56	88	155,240	164	197,326	11,174	1,478,770	1,871,559
All other textile products	5	39,337	18	6	14,076	27	18,736	1,250	25,900	55,615
Wood and Paper Products -										
Boxes and bags, paper	6	949,535	114	81	173,237	238	261,650	10,873	708,194	1,194,866
Miscellaneous paper products	4	509,215	14	30	40,749	66	81,443	2,915	101,327	247,640
Printing and bookbinding	77	3,910,813	692	229	991,547	1,190	1,417,742	40,329	1,130,483	5,056,749
Printing and publishing	28	2,854,347	463	41	705,706	983	1,443,694	43,260	648,925	3,659,027
Engraving, stereotyping and electro- typing	7	407,429	115	19	238,809	179	326,705	5,615	44,409	429,369
Planing mills, sash and door factories	5	803,429	129	-	127,006	145	149,963	7,924	213,469	451,572
Furniture	26	706,904	209	10	186,127	298	298,229	11,404	410,563	836,072
Carriages, wagons and sleighs	3	160,146	41	-	39,431	50	30,940	4,279	59,092	138,402
Boxes, wooden	6	246,539	90	-	65,856	110	102,732	7,660	84,757	248,724
Miscellaneous wooden products	5	19,811	5	-	2,249	12	7,896	381	4,916	17,635
All other wood and paper products ..	17	1,456,054	187	30	231,483	300	364,502	22,636	410,599	988,045
Iron and Its Products -										
Castings and forgings	4	1,622,514	237	-	269,911	298	349,433	23,534	235,601	753,001
Agricultural implements	3	509,593	75	1	69,727	104	120,749	8,827	162,810	373,780
Machinery	9	493,670	95	-	96,712	125	148,832	8,177	116,139	355,857
Automobile supplies	5	144,812	50	-	43,617	65	60,991	3,537	69,466	151,997
Sheet metal products	8	1,130,493	174	2	150,307	217	203,139	12,028	378,636	782,520
All other iron and its products ...	11	12,039,344	2,947	1	3,636,292	3,268	4,299,059	312,033	5,058,290	9,805,672
Non-Ferrous Metal Products -										
Brass and copper products	4	467,021	62	-	59,692	85	117,630	20,439	281,991	543,404
Electrical apparatus and supplies ..	10	387,429	80	2	62,481	123	150,348	14,501	236,785	543,149
All other non-ferrous metal products.	6	132,711	18	-	15,365	32	36,879	5,818	164,720	314,529

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 11. - Principal Statistics of the Manufacturing Industries Located in the City of Winnipeg, Manitoba, 1938.
(Concluded)

Industry	Estab- lish- ments	Capital Invested	Wage-earners		Total Wages	Total Em- ployees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials Used	Gross Value of Production
			Male	Female						
	No.	\$	No.	No.	\$	No.	\$	\$	\$	
<u>Non-metallic Mineral Products -</u>										
Clay products from domestic clay ..	5	209,538	48	-	36,991	53	51,491	20,280	480	164,497
Glass products	4	110,591	16	5	17,539	33	28,538	1,896	20,024	57,328
Stone, monumental and ornamental ..	7	109,357	27	-	22,662	43	40,998	2,865	22,556	77,678
All other non-metallic mineral products	7	6,674,005	184	-	210,919	273	328,254	115,892	861,606	1,889,956
<u>Chemicals and Chemical Products -</u>										
Medicinal and pharmaceutical preparations	7	1,123,091	47	50	88,353	134	150,148	7,522	426,465	1,097,553
Paints, pigments and varnishes ..	4	1,127,325	60	8	70,513	156	171,633	14,949	432,953	860,342
Soaps and washing compounds	7	979,155	48	14	49,913	115	128,596	21,001	308,526	663,990
Toilet preparations	4	47,991	4	7	3,295	23	11,760	200	12,494	29,595
Miscellaneous chemical products ..	8	96,771	15	-	11,533	27	35,897	606	48,133	113,463
All other chemical products	4	256,552	26	-	30,900	50	70,021	7,543	84,032	305,855
<u>Miscellaneous Industries -</u>										
Brooms, brushes and mops	4	146,641	52	-	31,580	64	49,734	2,058	62,560	170,473
Mattresses and springs	4	1,183,357	195	36	219,345	335	375,898	20,110	669,106	1,449,668
Scientific and professional equipment	5	14,206	2	3	2,500	10	9,266	536	6,028	13,299
Stamps and stencils, rubber and metal	4	29,092	4	-	2,974	11	13,578	246	3,709	21,700
Signs, electric, neon and other ..	4	81,190	26	-	27,542	39	47,264	2,555	20,241	107,998
All other miscellaneous products ..	8	356,720	17	15	23,978	45	47,754	8,731	69,260	170,935
TOTAL	634	68,389,544	10,636	2,986	13,902,850	17,153	19,811,774	1,460,340	43,319,595	78,029,078

The item "All other vegetable products" includes 2 macaroni and vermicelli; 2 foods, stock and poultry; 2 rubber goods, including footwear; 1 tobacco, cigars and cigarettes and 1 linseed oil and oil cake.

The item "All other animal products" includes 1 leather tannery; 1 dairy products, other and 1 cheese, processed.

The item "All other textile products" includes 2 cotton textiles, n.e.s.; 1 carpets, mats and rugs and 2 gloves and mittens, fabric.

The item "All other wood and paper products" includes 2 roofing paper; 2 lithographing; 1 blueprinting; 2 trade composition; 2 refrigerators; 1 cooperage; 2 woodenware; 2 coffins and caskets; 1 beekeepers' and poultrymen's supplies and 2 excelsior.

The item "All other iron and its products" includes 1 primary iron and steel; 1 heating and cooking apparatus; 1 automobiles; 2 aircraft; 2 railway rolling stock; 1 hardware and tools; 2 iron and steel products, n.e.s. and 1 bridge and structural steel work.

The item "All other non-ferrous metal products" includes 2 white metal alloys; 2 jewellery and silverware; and 2 miscellaneous non-ferrous metal products.

The item "All other non-metallic mineral products" includes 2 coke and gas products; 1 petroleum products; 1 cement products; 1 sand-lime brick; 1 gypsum products and 1 miscellaneous non-metallic mineral products.

The item "All other chemical products" includes 1 coal tar distillation; 1 gases compressed and 2 inks.

The item "All other miscellaneous products" includes 1 ice, manufactured; 1 sporting goods; 1 regalia and society emblems; 2 auto accessories, fabric; 2 novelties, advertising and other and 1 statuary and art goods.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 12. - Capital Invested in the Manufacturing Industries of Manitoba, by Groups of Industries, 1938 and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$
1925	51,743,996	18,619,435	13,373,361	83,736,792
1929	75,361,002	25,321,353	20,681,543	121,363,898
1933	68,313,733	18,043,345	13,717,326	100,074,404
1935	80,212,797	20,384,447	15,530,578	116,127,822
1936	79,176,137	23,804,517	15,535,187	118,515,841
1937	77,758,680	24,510,594	17,093,752	119,363,026
<u>1938</u>				
Vegetable products	11,666,024	3,909,875	3,640,159	19,216,058
Animal products	6,952,576	3,792,451	2,785,585	13,530,612
Textiles and textile products ..	2,025,740	1,972,167	1,123,576	5,121,483
Wood and paper products	19,688,487	2,475,663	3,445,344	25,609,494
Iron and steel products	16,659,265	5,572,426	1,908,426	24,140,117
Non-ferrous metal products ...	3,527,316	449,530	2,343,756	6,320,602
Non-metallic mineral products ..	12,114,841	523,331	841,894	13,880,066
Chemicals and chemical products.	2,685,676	1,201,153	886,176	4,773,005
Miscellaneous products	891,193	292,315	592,798	1,776,306
TOTAL	76,211,118	20,588,911	17,567,714	114,367,743

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 13. - Power Equipment by Groups of Industries, Province of Manitoba, 1938 and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Electric Motors operated by purchased power	Total Power Equipment	Electric Motors operated by power generated by the establishment reporting	Total Electric Motors	
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	
Total - All Industries,	1925.	14,794	1,297	-	44,298	60,389	570	44,868
	1929.	11,784	752	55	99,132	111,701	697	99,829
	1933.	15,042	2,258	78	74,224	89,582	442	74,866
	1935.	16,100	3,862	25	106,713	126,700	1,056	107,769
	1936.	14,501	3,432	25	112,153	130,111	1,359	113,512
	1937.	15,396	2,609	25	110,831	128,861	2,044	112,875
<u>ORDINARILY IN USE</u>								
<u>1938</u>								
Vegetable products	2,018	623	-	15,894	18,535	-	15,894	
Animal products	614	9	-	8,766	9,389	-	8,766	
Textiles and textile products ..	130	-	-	681	811	-	681	
Wood and paper products	5,342	574	25	37,682	43,623	53	37,735	
Iron and steel products	2,870	45	-	34,529	37,444	383	34,912	
Non-ferrous metal products	-	-	-	26,329	26,329	-	26,329	
Non-metallic mineral products ..	396	1,205	-	10,823	12,424	863	11,686	
Chemicals and chemical products.	46	16	-	1,921	1,983	-	1,921	
Miscellaneous products	-	50	-	885	935	-	885	
TOTAL MANUFACTURING INDUSTRIES	11,416	2,522	25	137,510	151,473	1,299	138,809	
<u>IN RESERVE OR IDLE</u>								
Vegetable products	490	-	-	88	578	255	343	
Animal products	15	-	-	106	121	-	106	
Textiles and textile products ..	40	-	-	112	152	-	112	
Wood and paper products	250	152	-	87	489	-	87	
Iron and steel products	-	256	-	993	1,249	-	993	
Non-ferrous metal products	-	-	-	134	134	-	134	
Non-metallic mineral products ..	35	-	-	1,897	1,932	-	1,897	
Chemicals and chemical products.	-	-	-	113	113	-	113	
Miscellaneous products	-	-	-	1	1	-	1	
TOTAL MANUFACTURING INDUSTRIES	830	408	-	3,531	4,769	255	3,786	

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1938.

Table 14. - Fuel and Electricity Consumed in the Manufacturing Industries of Manitoba, by Groups of Industries, 1938, and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Bituminous Coal				Anthracite	Lignite	Coke	Gasoline	Kerosene and Fuel Oil	Wood	Gas	Other Fuel	Total Cost of Fuel	Total Cost of Electricity
	Canadian		Imported											
	Short Ton	\$	Short Ton	\$										
Total - All Industries, 1925.	+ 114,990	781,610	-	-	90,087	230,573	81,064	32,547	190,684	107,078	101,793	24,472	1,639,903	475,255
1929.	40,098	250,570	150,060	1,026,862	82,256	299,980	71,151	18,156	184,452	209,483	141,048	16,463	2,298,401	1,210,554
1935.	55,368	305,884	52,897	240,641	99,146	246,872	29,761	7,110	126,159	95,910	97,153	29,767	1,278,383	686,121
1935.	62,368	592,916	9,764	75,897	91,987	365,819	21,240	13,402	164,470	121,410	93,334	30,151	1,370,626	955,186
1936.	54,308	367,729	13,515	103,991	99,181	423,526	54,126	10,959	184,551	119,113	87,133	32,570	1,462,879	1,197,968
1937.	90,166	621,843	7,021	62,970	105,499	425,405	27,152	16,727	200,192	133,515	110,820	25,599	1,729,722	1,440,750
1938														
Vegetable products	11,449	68,571	2,251	20,048	91,193	48,479	8,608	15,433	15,313	39,098	54,030	2,945	363,718	232,877
Animal products	5,197	23,085	240	1,960	190	98,462	251	14,127	1,940	34,915	2,568	1,843	179,361	197,261
Textiles and textile products ..	488	4,592	-	-	-	2,099	-	-	561	5,109	4,515	3,468	20,344	34,619
Wood and paper products	5,822	37,291	200	1,988	380	4,816	272	3,059	4,848	12,761	11,824	9,739	86,958	402,197
Iron and steel products	15,963	95,172	734	8,008	615	205,576	3,247	4,428	113,205	3,051	5,525	1,456	440,281	209,787
Non-ferrous metal products ...	35,292	250,420	350	3,925	354	20	2,006	343	8,761	890	3,326	-	270,045	97,776
Non-metallic mineral products ..	14,459	107,140	108	1,220	-	25,187	6,839	3,497	39,605	48,049	74,129	-	305,666	69,731
Chemicals and chemical products.	1,653	9,868	2,375	20,627	-	2,684	2,376	70	2,958	977	640	2,880	43,080	26,427
Miscellaneous industries	637	3,430	508	4,246	-	-	1,330	635	1,600	416	1,326	-	12,983	21,181
TOTAL MANUFACTURING INDUSTRIES	90,960	599,569	8,748	82,042	92,712	587,323	24,929	41,590	189,791	145,266	157,893	22,331	1,722,436	1,291,653

+ Includes imported bituminous coal.

NOTE: Fuel and electricity used in Smelters for metallurgical purposes as well as for heating and lighting are included in the above figures for the years 1937 and 1938.

SECTION 3. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1938.

Manufacturing production in the Province of Saskatchewan in 1938 was maintained at about the same level as in the previous year. In 1938, 678 establishments reported to the Census of Manufactures, and their total production amounted to \$61,027,853, a decrease of \$1,178,031 or 1.9 per cent as compared with 1937. Employees increased by 16 to a total of 6,123 persons, and the salaries and wages account rose from \$6,758,154 to \$6,988,061, an increase of \$229,907. The cost of materials used decreased by \$345,443 to a total of \$43,437,556, while the value added by manufacture at \$16,143,335 was \$925,320 lower.

The principal statistics of the manufacturing industries of the Province, grouped on a component material classification basis, are given in Table 17. The production of vegetable products, with an output valued at \$21,674,566 in 1938 led all groups in value of output. The animal products group with a value of production of \$14,429,287 was second. This was followed by non-metallic mineral products, iron and its products, non-ferrous metal products, wood and paper products, etc. The expansion of the automobile industry in Saskatchewan in 1938 was the main feature of her manufacturing production. This is reflected in increases of \$4,850,741 in the value of production, 268 in the number of employees, and \$319,939 in the salaries and wages paid by the iron and its products group.

The flour and feed milling industry again headed the list with an output of \$16,889,043 or about 28 per cent of the total production of the Province. Petroleum products, butter and cheese, slaughtering and meat packing, printing and publishing, bread and other bakery products, etc. follow in the order named. The automobile and non-ferrous metal smelting and refining industries are also important; statistics, however, cannot be published as there are less than three establishments reporting in each. Table 18 gives the statistics of all the industries established in Saskatchewan, while Table 19 gives the principal statistics of the leading industries.

From the point of view of value of production, Regina with \$17,344,178 was the most important manufacturing centre in Saskatchewan in 1938. Moose Jaw with \$16,077,479 was second, while Saskatoon with \$11,819,437 was third. These three cities accounted for about 74 per cent of the total manufacturing production of the Province. Statistics of all cities, towns and villages, having three or more establishments, are given in Table 20.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1938.

Table 15. -- Principal Statistics of the Manufacturing Industries in the Province of Saskatchewan, 1929 to 1938.

Year	Estab-lish-ments	Capital Invested	Total Em-ployees	Total Salaries and Wages	Cost of Materials Used	Net Value of Production	Gross Value of Production
	No.	\$	No.	\$	\$	\$	\$
1929	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1930	591	41,602,686	6,137	7,825,229	35,493,353	20,018,476	56,806,380
1931	622	42,182,703	1/ 5,000	6,210,390	22,459,921	15,665,401	39,194,202
1932	627	36,782,881	4,610	5,238,766	18,157,286	11,971,355	31,139,264
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1934	702	39,674,481	5,209	5,146,537	24,249,577	12,476,676	37,661,842
1935	740	39,915,044	5,547	5,548,729	27,987,307	2/ 13,035,785	42,031,223
1936	694	42,055,557	5,782	6,013,378	35,311,152	2/ 15,185,500	51,604,510
1937	689	39,279,050	6,107	6,758,154	43,782,999	2/ 17,068,655	62,205,884
1938	678	38,364,021	6,123	6,988,061	43,437,556	2/ 16,143,335	61,027,853

1/ For explanation of the large decrease in the number of employees, see footnote 1, page 2.

2/ See footnote 2, page 2.

Table 16. -- Principal Statistics of the Province of Saskatchewan Compared for 1937 and 1938.

Items		1 9 3 7	1 9 3 8	+ Increase - Decrease
Establishments reporting	No.	689	678	- 11
Capital invested	\$	39,279,050	38,364,021	- 915,029
Employees on salaries -				
Male	No.	1,627	1,601	- 26
Female	No.	273	277	+ 4
Total salaries	\$	2,495,225	2,585,934	+ 90,709
Employees on wages -				
Male	No.	3,929	3,964	+ 35
Female	No.	278	281	+ 3
Total wages	\$	4,262,929	4,402,127	+ 139,198
Power equipment	H.P.	38,203	49,149	+ 10,946
Cost of fuel and electricity ..	\$	1,354,230	1,446,962	+ 92,732
Cost of materials used	\$	43,782,999	43,437,556	- 345,443
Gross value of production ...	\$	62,205,884	61,027,853	- 1,178,031
Net value of production 1/ ..	\$	17,068,655	16,143,335	- 925,320

1/ Gross value of production less cost of materials and fuel and electricity used.

MANUFACTURING INDUSTRIES OF THE

Table 17. - Principal Statistics by Groups of

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
<u>1 9 3 7</u>					
Vegetable products	240	14,547,546	400	53	616,380
Animal products	93	6,376,047	424	80	633,640
Textiles and textile products .	3	177,027	7	1	10,164
Wood and paper products	286	4,995,751	525	89	762,635
Iron and steel products	15	3,463,929	79	21	122,394
Non-ferrous metal products 1/ .					
Non-metallic mineral products .	37	6,359,907	149	18	261,301
Chemicals and chemical products	9	577,427	34	11	70,755
Miscellaneous products	4	30,777	2	-	1,860
TOTAL	689	39,279,050	1,627	273	2,495,225
<u>1 9 3 8</u>					
Vegetable products	242	14,395,829	421	59	641,041
Animal products	95	6,305,688	396	73	650,038
Textiles and textile products .	4	194,833	9	1	11,726
Wood and paper products	269	4,707,401	531	97	795,739
Iron and steel products	19	3,850,857	82	21	152,399
Non-ferrous metal products 1/ .					
Non-metallic mineral products .	33	5,755,230	109	16	230,054
Chemicals and chemical products	8	484,596	28	10	53,317
Miscellaneous products	6	44,384	6	-	7,920
TOTAL	678	38,364,021	1,601	277	2,585,934

./ Statistics relating to "non-ferrous metal products" are included in the total.

PROVINCE OF SASKATCHEWAN, 1938.

Industries, Province of Saskatchewan, 1937 and 1938.

Employees on Wages			Cost of Materials Used	Net Value of Production	Gross Value of Production
Male	Female	Wages			
No.	No.	\$	\$	\$	\$
993	75	974,153	17,527,962	5,883,295	23,797,429
1,090	96	1,360,264	13,411,094	3,889,114	17,565,444
10	19	24,178	360,647	79,992	441,848
1,079	73	962,584	1,163,418	2,886,701	4,154,430
232	4	282,136	270,888	308,683	623,395
439	2	544,061	6,058,679	1,574,596	8,029,403
27	4	32,645	102,764	115,988	227,029
7	5	8,770	9,555	18,134	27,908
3,929	278	4,262,929	43,782,999	17,068,655	62,205,884
981	86	984,529	16,857,233	4,454,268	21,674,566
925	88	1,149,407	10,666,729	3,520,523	14,429,287
8	22	24,645	346,170	85,067	432,494
967	74	904,246	1,078,744	2,726,809	3,903,878
500	1	572,070	3,715,646	1,664,189	5,474,136
410	2	535,023	6,839,473	2,603,751	9,917,792
30	3	34,771	127,325	171,533	308,192
11	5	13,806	10,075	27,384	38,011
3,964	281	4,402,127	43,437,556	16,143,335	61,027,853

Table 18. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Vegetable Products	242	14,395,829	421	59	641,041
Aerated and mineral waters	22	695,140	41	5	52,849
Bread and other bakery products ...	136	1,910,596	97	17	98,999
Breweries	5	2,404,320	48	1	108,132
Flour and feed mills	60	9,197,959	210	34	351,158
Foods, breakfast	6	22,163	6	-	3,895
Foods, miscellaneous	3	45,759	7	-	9,600
All other industries	10	119,892	12	2	16,408
Animal Products	95	6,305,628	396	73	650,038
Butter and cheese	68	3,763,705	213	49	331,274
Fur goods	4	35,235	7	1	9,512
Leather tanneries	8	126,546	9	2	9,400
Miscellaneous leather goods	6	22,915	3	-	2,140
Slaughtering and meat packing ...	8	2,336,170	163	20	296,056
All other industries	1	21,117	1	1	1,656
Textiles and Textile Products	4	194,833	9	1	11,726
All other industries	4	194,833	9	1	11,726
Wood and Paper Products	269	4,707,401	531	97	795,739
Planing mills, sash and door factories	16	842,959	36	7	45,784
Printing and bookbinding	34	507,200	54	8	81,624
Printing and publishing	132	2,368,353	368	76	611,516
Sawmills	71	605,291	52	4	29,730
All other industries	16	383,598	21	2	27,085
Iron and Steel Products	19	3,850,857	82	21	152,399
Castings and forgings	6	238,838	18	2	22,922
Machinery	3	418,521	10	3	18,453
Sheet metal products	6	280,943	11	2	17,544
All other industries	4	2,912,555	43	14	93,480
Non-ferrous Metal Products 1/					
Non-metallic Mineral Products	33	5,755,230	109	16	230,054
Clay products from domestic clay ..	6	825,968	8	-	16,370
Petroleum products	12	4,094,938	72	15	171,621
Stone, monumental and ornamental ..	10	159,038	15	-	20,626
All other industries	5	675,286	14	1	21,437
Chemicals and Chemical Products ...	8	484,596	28	10	53,317
Miscellaneous chemical products ..	3	81,509	5	2	12,256
All other industries	5	403,087	23	8	41,061
Miscellaneous Products	6	44,384	6	-	7,920
All other industries	6	44,384	6	-	7,920
TOTAL	678	38,364,021	1,601	277	2,585,934

1/ Statistics relating to "non-ferrous metal products" are included in the

PROVINCE OF SASKATCHEWAN, 1938.

in each Group, Province of Saskatchewan, 1938.

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
961	86	984,529	363,065	16,857,258	4,454,268	21,674,586
95	4	86,467	11,860	246,558	414,115	672,533
431	52	398,105	82,619	1,165,135	921,746	2,189,500
136	1	143,617	60,818	597,390	1,056,760	1,714,968
284	14	330,977	200,679	14,671,717	2,016,647	16,889,043
7	1	3,958	1,799	16,111	12,084	29,994
4	12	4,912	1,426	63,439	19,647	84,512
24	2	16,493	3,864	96,883	13,269	114,016
925	88	1,149,407	242,085	10,666,729	3,520,523	14,429,287
547	41	623,392	147,307	5,425,982	2,171,312	7,744,601
7	6	11,442	454	17,294	32,001	49,749
22	1	15,483	2,836	17,225	25,879	45,940
3	-	2,350	629	2,759	5,816	9,204
344	40	494,798	89,859	5,194,482	1,269,295	6,553,636
2	-	1,942	950	8,967	16,220	26,157
8	22	24,645	1,257	346,170	85,067	432,494
8	22	24,645	1,257	346,170	85,067	432,494
967	74	904,246	98,325	1,078,744	2,726,809	3,903,878
130	-	89,326	14,065	203,621	186,801	404,487
72	16	69,960	7,590	104,532	222,739	334,661
403	45	538,375	58,310	466,066	1,820,767	2,345,143
317	9	173,634	10,180	246,449	394,659	651,288
45	4	32,951	8,180	58,276	101,843	168,299
500	1	572,070	94,301	3,715,646	1,664,189	5,474,136
40	1	39,763	4,263	15,668	79,920	99,851
42	-	48,855	4,560	58,858	102,815	166,233
23	-	17,450	1,253	22,074	44,197	67,524
395	-	466,002	84,225	3,619,046	1,437,257	5,140,528
410	2	535,023	474,568	6,839,473	2,603,751	9,917,792
26	-	22,531	10,882	824	107,007	118,713
321	2	445,034	446,607	6,660,841	2,282,160	9,389,608
14	-	13,324	3,433	24,328	56,084	83,845
50	-	49,134	13,646	153,480	158,500	325,626
30	3	34,771	9,334	127,325	171,533	308,192
11	3	9,399	1,040	44,911	53,770	99,721
19	-	25,372	8,294	82,414	117,763	208,471
11	5	13,806	552	10,075	27,384	38,011
11	5	13,806	552	10,075	27,384	38,011
3,964	281	4,402,127	1,446,962	43,437,556	16,143,335	61,027,853

total of the groups.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1938.

Table 19. - Principal Statistics of the Ten Leading Industries of the Province of Saskatchewan, 1938.

Industries	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1. Flour and feed mills	60	9,197,959	542	682,135	14,671,717	16,889,043
2. Petroleum products	12	4,094,938	410	616,655	6,660,841	9,389,608
3. Butter and cheese	68	3,763,705	850	954,666	5,425,982	7,744,601
4. Slaughtering and meat packing	8	2,336,170	567	790,854	5,194,482	6,553,636
5. Printing and publishing	132	2,368,353	892	1,149,891	466,066	2,345,143
6. Bread and other bakery products	136	1,910,596	597	497,104	1,165,135	2,169,500
7. Breweries	5	2,404,320	186	251,749	597,390	1,714,968
8. Aerated and mineral waters	22	695,140	145	139,316	246,558	672,533
9. Sawmills	71	605,291	382	203,364	246,449	651,288
10. Planing mills	16	842,959	173	135,110	203,621	404,487
11. All other industries 1/	3	5,565,717	594	753,457	7,732,435	10,316,072
TOTAL, LEADING INDUSTRIES	533	33,785,148	5,338	6,174,301	42,610,676	58,850,879
TOTAL, ALL INDUSTRIES	678	38,364,021	6,123	6,988,061	43,437,556	61,027,853

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1/ Includes: Bags, cotton and jute, Automobiles and Non-ferrous metal smelting and refining.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1938.

Table 20. - Cities, Towns and Villages in the Province of Saskatchewan having Three or More Establishments, 1938.

Cities, Towns and Villages	Estab- lish- ments	Capital Invested	Wage-earners		Total Wages	Total Em- ployees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials Used	Gross Value of Production
			Male	Female						
	No.	\$	No.	No.	\$	No.	\$	\$	\$	\$
Regina	107	11,049,375	1,446	72	1,749,020	2,070	2,629,035	512,048	11,168,981	17,544,178
Moose Jaw	44	9,346,648	523	58	680,156	884	1,142,105	282,355	12,654,086	16,077,479
Saskatoon	69	6,488,519	655	57	814,415	1,080	1,568,016	199,408	8,696,182	11,819,437
Prince Albert	18	1,854,682	280	18	274,292	371	425,957	58,934	1,722,455	2,823,680
Yorkton	13	588,648	47	4	62,430	76	95,537	20,061	453,241	737,061
Melville	7	181,537	33	4	30,979	50	47,036	10,245	407,709	518,709
North Battleford	11	399,281	54	2	43,529	79	78,436	11,427	234,345	392,529
Swift Current	14	469,525	44	2	40,222	78	71,211	12,498	195,280	349,243
Melfort	5	211,550	18	3	19,414	35	35,339	7,176	226,451	338,980
Humboldt	5	181,198	15	3	14,060	27	23,334	8,235	168,256	238,932
Weyburn	7	201,396	24	3	22,023	41	39,378	8,139	120,091	199,337
Biggar	4	65,180	9	2	6,764	16	12,493	3,500	112,287	179,741
Lloydminster	6	83,535	11	2	10,532	24	15,793	3,295	125,348	167,475
Kamsack	4	99,717	15	4	11,230	22	15,570	3,167	126,641	167,175
Tisdale	6	105,625	10	2	7,253	18	14,920	4,131	115,912	149,423
Canora	4	59,060	11	1	7,734	18	14,538	3,316	94,394	137,863
Foan Lake	4	64,381	6	-	2,869	12	8,816	3,242	95,429	135,143
Broadview	3	24,562	4	1	3,138	8	6,500	1,782	89,015	116,760
Young	3	25,380	7	-	6,412	9	8,812	1,835	91,595	115,099
Rosthern	4	83,819	5	2	4,282	17	13,854	2,963	88,418	114,038
Estevan	8	607,345	16	5	16,682	28	24,216	3,455	65,786	110,086
Carlyle	4	39,265	6	1	4,502	9	7,212	2,140	82,093	109,372
Eston	4	79,125	9	1	9,622	18	17,992	4,267	55,078	103,947
Moosomin	3	36,494	6	1	3,181	10	8,115	1,924	69,351	92,827
Shellbrook	3	39,517	4	2	3,793	10	7,813	1,804	63,178	88,053
Unity	4	44,103	5	-	3,063	11	7,291	3,237	54,943	78,008
Battleford	3	88,975	7	-	3,854	12	7,895	2,545	55,730	73,090
St. Walburg	3	12,666	2	-	634	6	3,767	638	49,819	60,565
Kerrobert	3	45,428	5	2	6,128	9	9,026	1,707	38,424	56,951
Shaunavon	3	40,785	6	3	4,100	13	10,034	1,978	29,417	51,261
Kelvington	3	17,385	4	-	1,160	7	4,117	912	28,062	40,274
Maple Creek	3	23,225	3	-	1,756	6	3,838	1,393	25,169	37,586
Wynyard	3	18,350	4	1	2,585	7	4,585	858	23,233	35,005
Norquay	3	14,050	4	1	2,505	7	4,105	488	28,938	34,865
Hipawin	4	20,300	11	-	4,810	12	5,410	1,249	20,524	32,609
Outlook	3	79,020	1	-	472	6	5,722	1,238	19,517	26,753
Kindersley	3	24,858	3	-	1,787	7	4,437	1,277	11,865	23,013
Fort Qu'Appelle	3	18,599	3	1	2,527	5	2,827	586	8,638	14,025
Gravelbourg	4	39,092	6	-	2,255	15	4,767	1,364	4,847	13,259
Arcola	4	37,415	1	-	640	5	3,160	398	7,189	12,961
Wilkie	3	15,130	2	-	1,241	5	5,863	453	4,399	12,893
Lafleche	3	13,100	1	-	500	3	1,220	251	9,015	12,498
Gull Lake	3	11,481	1	-	600	4	2,320	414	5,954	9,842
Star City	3	5,995	-	-	-	3	1,233	158	4,861	7,732
Turtleford	3	5,815	-	1	132	4	2,232	386	3,071	7,492
East End	3	11,603	1	-	275	2	775	279	1,394	5,525
Harris	3	9,163	1	-	422	4	1,372	282	1,299	3,317
Lintlaw	3	1,597	1	-	100	5	250	6	760	1,616

NOTE: Figures for Expanse cannot be published as there are less than three establishments reporting.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1938.

Table 21. - Capital Invested in the Manufacturing Industries of the Province of Saskatchewan, 1938, and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$
1925	13,885,326	5,118,267	3,363,091	22,366,684
1929	23,798,113	13,288,552	6,839,132	43,925,797
1933	22,754,829	8,726,384	7,207,220	38,688,433
1935	21,913,682	9,322,982	8,678,380	39,915,044
1936	21,523,510	10,073,974	10,458,073	42,055,557
1937	23,294,266	10,332,987	5,651,797	39,279,050
<u>1 9 3 8</u>				
Vegetable products	7,291,146	2,766,063	4,338,620	14,395,829
Animal products	4,195,855	1,348,440	761,393	6,305,688
Textiles and textile products	35,492	77,844	81,497	194,833
Wood and paper products	3,307,595	597,586	802,220	4,707,401
Iron and steel products	2,155,943	1,301,064	393,850	3,850,857
Non-ferrous metal products 1/				
Non-metallic mineral products	3,342,686	2,083,965	328,579	5,755,230
Chemicals and chemical products	268,113	127,201	89,282	484,596
Miscellaneous products	30,043	10,992	3,349	44,384
TOTAL	22,118,918	8,378,786	7,866,317	38,564,021

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1938.

Table 22. - Power Equipment by Groups of Industries, Province of Saskatchewan, 1938 and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Electric Motors operated by purchased power	Total Power Equipment	Electric Motors operated by power generated by the establishment reporting	Total Electric Motors	
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	
Total - All Industries,	1925.	6,813	1,346	-	9,723	17,882	27	9,750
	1929.	11,385	1,412	-	14,696	27,793	128	14,824
	1933.	9,549	1,879	75	18,815	30,318	337	19,152
	1935.	12,802	2,651	70	20,809	36,332	48	20,857
	1936.	11,765	2,725	60	21,566	36,116	61	21,627
	1937.	12,417	2,553	80	23,153	38,203	115	23,268
<u>ORDINARILY IN USE</u>								
<u>1938</u>								
Vegetable products	1,575	1,263	-	8,550	11,388	73	8,623	
Animal products	910	20	-	4,716	5,646	-	4,716	
Textiles and textile products ..	-	-	-	54	54	-	54	
Wood and paper products	5,011	891	80	2,678	8,660	-	2,678	
Iron and steel products	621	4	-	1,557	2,182	-	1,557	
Non-ferrous metal products	-	-	-	12,819	12,819	-	12,819	
Non-metallic mineral products ..	1,929	338	-	3,321	5,588	51	3,372	
Chemicals and chemical products.	-	-	-	249	249	-	249	
Miscellaneous products	-	-	-	8	8	-	8	
TOTAL MANUFACTURING INDUSTRIES	10,046	2,516	80	33,952	46,594	124	34,076	
<u>IN RESERVE OR IDLE</u>								
Vegetable products	177	12	-	571	760	-	571	
Animal products	317	5	-	439	761	-	439	
Textiles and textile products ..	-	-	-	-	-	-	-	
Wood and paper products	155	23	-	60	238	-	60	
Iron and steel products	370	-	-	117	487	-	117	
Non-ferrous metal products	-	-	-	62	62	-	62	
Non-metallic mineral products ..	225	-	-	10	235	-	10	
Chemicals and chemical products.	-	-	-	12	12	-	12	
Miscellaneous products	-	-	-	-	-	-	-	
TOTAL MANUFACTURING INDUSTRIES	1,244	40	-	1,271	2,555	-	1,271	

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1958.

Table 25. - Fuel and Electricity Consumed in the Manufacturing Industries of Saskatchewan, by Groups of Industries, 1938, and Totals for Representative Years, 1925 - 1957.

Groups of Industries	Bituminous Coal				Anthracite	Lignite	Coke	Gasoline	Kerosene and Fuel Oil	Wood	Gas	Other Fuel	Total Cost of Fuel	Total Cost of Electricity
	Canadian		Imported											
	Short Ton	¢	Short Ton	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢
Total - All Industries .. 1925.	+ 18,416	158,555	-	-	7,062	152,979	7,240	15,766	257,206	50,915	65,559	19,216	692,076	201,791
1929.	40,265	277,575	325	5,705	7,664	176,804	78,273	11,340	220,155	55,598	177,031	9,442	997,385	384,702
1933.	18,555	97,151	169	1,254	4,781	152,154	72,058	6,598	103,696	50,187	54,905	19,807	542,571	414,152
1935.	12,859	76,067	95	861	4,092	160,217	50,121	6,108	160,587	59,531	41,874	17,626	556,684	451,447
1936.	16,588	90,141	136	1,517	1,565	160,459	18,429	7,156	194,015	57,593	66,450	19,278	615,941	491,917
1937.	50,675	200,401	152	1,007	679	187,977	5,133	15,622	260,598	63,407	84,910	10,626	828,360	525,870
<u>1958</u>														
Vegetable products	6,224	54,727	115	767	15,551	44,505	1,162	3,662	15,095	35,823	596	5,013	154,881	208,184
Animal products	5,103	15,951	-	-	9	79,856	-	4,986	1,359	19,747	599	2,030	124,517	117,518
Textiles and textile products ..	36	285	-	-	-	-	-	-	-	24	-	-	289	968
Wood and paper products	2,228	14,427	5	60	160	2,779	-	4,770	4,920	5,411	165	5,789	58,481	59,844
Iron and steel products	558	2,415	8	203	-	1,001	1,287	12,988	46,549	857	-	-	65,078	29,223
Non-ferrous metal products ...	17,195	122,942	-	-	-	-	-	-	548	100	28	-	123,618	59,907
Non-metallic mineral products ..	1,506	8,919	154	1,300	-	2,596	1,203	1,020	257,656	455	151,635	1,650	406,230	68,538
Chemicals and chemical products.	574	2,956	-	-	-	-	-	4	-	22	-	-	2,982	6,552
Miscellaneous industries	10	46	-	-	-	85	-	-	-	58	-	-	189	363
TOTAL MANUFACTURING INDUSTRIES	30,814	202,646	260	2,330	15,700	150,602	3,652	27,430	325,927	62,475	133,021	14,482	916,265	550,697

+ Includes imported bituminous coal.

NOTE: Fuel and electricity used in Smelters for metallurgical purposes as well as for heating and lighting are included in the above figures for the years 1937 and 1938.

SECTION 4. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1938.

The Census of Manufactures received reports from 970 establishments in Alberta in 1938. These establishments reported a gross value of production of \$86,675,500, a capital investment in fixed and current assets of \$69,192,348 and a payroll of 12,684 persons who received \$14,367,789 in salaries and wages. They also spent \$54,345,594 for materials and \$1,574,280 for fuel and electricity, leaving \$30,755,626 as the value added by manufacture.

The level of manufacturing production in 1938 was slightly higher than in the previous year. Compared with 1937 there were increases of \$450,431 or .5 per cent in the gross value of production, 160 or 1.3 per cent in the number of employees, \$464,727 or 3.3 per cent in the amount of salaries and wages paid and \$1,832,531 or 5.3 per cent in the value added by manufacture.

Manufactures based on animal products, with a value of production of \$31,713,345 formed the most important industrial group in 1938. This was followed by manufactures of vegetable products with an output valued at \$25,894,974. The non-metallic mineral products group came third with a production of \$11,973,190, followed by wood and paper products with \$8,638,605, iron and steel products \$5,282,198, etc. The principal statistics of the major industrial groups are given in Table 26.

Slaughtering and meat packing, with an output valued at \$21,329,348 in 1938, was again the leading industry of the Province. This was followed by flour and feed mills with \$12,005,097, butter and cheese \$9,497,622, petroleum products \$9,101,782, etc. Sugar refining is also a leading industry in Alberta; statistics, however, cannot be published as there are only two plants reporting. Statistics of each of the industries located in Alberta are given in Table 27, while statistics of the leading industries are given in Table 28.

The principal statistics of the cities and towns in Alberta having three or more establishments are presented in Table 29. From the point of view of production, the City of Calgary, with an output valued at \$31,908,064 was of major importance. Edmonton came next with an output of \$29,009,535. The combined output of these two cities amounted to about 70 per cent of the provincial total. Medicine Hat and Lethbridge followed in the order named.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1938.

Table 24. - Principal Statistics of the Manufacturing Industries of the Province of Alberta, 1929 - 1938.

Year	Estab-lish-ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Net Value of Production	Gross Value of Production
	No.	\$	No.	\$	\$	\$	\$
1929	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1930	758	81,272,088	12,625	15,252,446	53,460,736	33,291,587	88,361,723
1931	795	78,447,393	^{1/} 10,343	12,569,106	35,970,042	25,313,844	62,640,857
1932	848	71,483,630	9,882	10,473,427	28,354,393	20,203,758	49,772,810
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1934	868	69,988,172	10,468	10,546,984	40,307,089	22,609,234	64,139,973
1935	908	68,110,643	11,029	11,268,681	42,762,450	23,769,306	67,830,918
1936	905	70,224,578	11,756	12,328,471	47,684,029	25,000,136	74,052,010
1937	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1938	970	69,192,348	12,684	14,367,789	54,345,594	30,755,626	86,675,500

1/ for explanation of the large decrease in the number of employees, see footnote 1, page 2.

Table 25. - Principal Statistics of the Province of Alberta Compared for 1937 and 1938.

Items	1937	1938	+ Increase - Decrease
Establishments reporting No.	895	970	+ 75
Capital invested \$	70,804,070	69,192,348	- 1,611,722
Employees on salaries -			
Male No.	2,455	2,558	+ 103
Female No.	463	500	+ 37
Total salaries \$	4,445,935	4,659,309	+ 213,374
Employees on wages -			
Male No.	8,510	8,540	+ 30
Female No.	1,096	1,086	- 10
Total wages \$	9,457,127	9,708,480	+ 251,353
Power equipment H.P.	71,609	76,968	+ 5,359
Cost of fuel and electricity \$	1,403,375	1,574,280	+ 170,905
Cost of materials used \$	55,898,599	54,345,594	- 1,553,005
Gross value of production \$	86,225,069	86,675,500	+ 450,431
Net value of production 1/ \$	28,923,095	30,755,626	+ 1,832,531

1/ Gross value of production less cost of materials, fuel and electricity used.

Table 26. - Principal Statistics by Groups of Industries, Province of Alberta, 1937 and 1938.

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on Salaries			Employees on Wages			Cost of Materials Used	Net Value of Production	Gross Value of Production
			Male	Female	Salaries	Male	Female	Wages			
	No.	\$	No.	No.	\$	No.	No.	\$	\$	\$	
<u>1937</u>											
Vegetable products	296	23,604,358	581	94	1,010,805	1,673	248	1,825,618	18,137,661	8,638,574	27,162,663
Animal products	140	13,394,235	680	147	1,343,428	1,972	275	2,594,284	24,002,285	7,273,863	31,602,145
Textiles and textile products	19	1,279,133	96	43	211,370	96	390	332,318	1,019,326	812,791	1,840,366
Wood and paper products	334	9,768,600	707	129	1,067,482	2,057	141	1,807,207	3,296,114	5,025,702	8,442,457
Iron and steel products	31	9,340,328	192	19	379,028	1,679	2	1,926,381	2,231,515	2,529,747	4,916,371
Non-ferrous metal products	7	359,566	13	2	30,448	37	1	35,655	224,839	138,075	369,507
Non-metallic mineral products	34	12,061,358	136	20	314,612	882	18	1,013,033	6,614,045	3,370,078	10,867,020
Chemicals and chemical products	19	558,712	26	7	46,819	49	6	45,862	242,449	404,327	658,064
Miscellaneous products	15	441,800	24	2	41,943	65	15	76,769	130,385	229,938	366,476
TOTAL	895	70,804,070	2,455	463	4,445,935	8,510	1,096	9,457,127	55,898,599	28,923,095	86,225,069
<u>1938</u>											
Vegetable products	337	21,551,739	618	104	1,061,315	1,703	268	1,915,526	16,296,931	9,199,525	25,894,374
Animal products	146	12,945,821	706	147	1,350,944	1,876	269	2,336,555	23,764,672	7,627,077	31,713,345
Textiles and textile products	19	1,261,912	107	53	225,989	93	366	289,851	865,674	853,252	1,727,228
Wood and paper products	347	10,094,874	695	139	1,128,985	2,048	137	1,893,641	3,380,347	5,123,525	8,638,605
Iron and steel products	38	9,359,592	205	19	406,205	1,712	-	1,996,794	2,446,530	2,662,050	5,282,198
Non-ferrous metal products	7	311,094	14	2	34,829	41	-	36,832	151,182	142,072	299,492
Non-metallic mineral products	45	12,704,229	158	22	343,866	935	27	1,107,689	7,018,063	4,441,127	11,973,190
Chemicals and chemical products	17	503,283	26	10	45,736	55	6	49,233	236,629	394,775	641,964
Miscellaneous products	14	459,804	29	4	61,440	77	13	82,359	185,546	312,223	504,506
TOTAL	970	69,192,348	2,558	500	4,659,309	8,540	1,086	9,708,480	54,345,594	30,755,628	86,675,500

MANUFACTURING INDUSTRIES OF

Table 27. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Vegetable Products	357	21,551,739	618	104	1,061,315
Aerated and mineral waters	18	747,610	40	5	70,393
Biscuits, confectionery, cocoa, etc.	9	319,177	31	2	60,950
Bread and other bakery products.	176	2,283,169	147	39	186,453
Breweries	5	3,649,202	55	5	144,172
Coffee, tea and spices	7	206,821	19	4	34,266
Flour and feed mills	90	5,814,298	248	31	400,612
Foods, breakfast	8	37,571	10	3	8,904
Foods, stock and poultry	12	188,294	12	8	22,248
Foods, miscellaneous	3	23,964	6	-	4,160
Fruit and vegetable preparations	4	249,618	9	3	18,249
All other industries	5	8,032,015	41	4	110,908
Animal Products	146	12,945,821	706	147	1,350,944
Butter and cheese	108	4,261,992	239	73	410,230
Dairy products, other	5	259,046	16	1	27,610
Fur goods	10	177,566	4	8	8,937
Leather tanneries	5	32,031	3	-	3,216
Miscellaneous leather goods ...	4	84,190	5	1	8,755
Slaughtering and meat packing ..	11	7,963,518	432	64	884,373
All other industries	3	167,478	7	-	7,823
Textiles and Textile Products ...	19	1,261,912	107	53	225,989
Awnings, tents and sails	4	81,176	4	1	8,648
Clothing, men's factory 1/	5	899,347	38	14	129,530
Clothing, women's factory	4	113,279	12	5	32,207
Hosiery and knitted goods	4	125,334	48	32	48,676
All other industries	2	42,776	5	1	6,928
Wood and Paper Products	347	10,094,874	695	139	1,128,985
Boxes, wooden	5	414,336	24	-	75,376
Coffins and caskets	3	13,333	2	-	1,400
Engraving, stereotyping and electrotyping	5	75,894	8	2	16,377
Furniture	12	163,837	24	3	27,226
Miscellaneous wooden products ..	4	22,337	4	-	2,145
Planing mills, sash and door factories	20	1,194,632	35	8	46,745
Printing and bookbinding	53	1,509,396	97	18	180,060
Printing and publishing	87	3,048,325	363	101	664,020
Sawmills	146	2,000,678	124	5	88,115
All other industries	12	1,652,106	14	2	27,521

1/ Includes Men's Furnishing goods.

THE PROVINCE OF ALBERTA, 1938.

in each Group, Province of Alberta, 1938.

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
1,703	268	1,915,526	398,518	16,296,931	9,199,525	25,894,974
102	16	115,953	13,071	309,610	535,636	858,317
43	69	82,221	7,699	301,861	337,093	646,653
536	111	634,781	85,554	1,810,257	1,617,788	3,513,599
175	1	254,871	34,176	1,024,798	1,563,643	2,622,617
11	9	14,319	3,064	244,999	81,364	329,427
401	5	386,804	145,528	9,698,550	2,161,019	12,005,097
12	6	11,414	1,237	30,330	51,958	83,525
38	2	27,190	7,454	131,039	73,687	212,180
2	2	2,727	517	24,199	6,280	30,996
32	30	36,576	3,730	166,887	121,179	291,796
351	17	348,670	96,488	2,554,401	2,649,878	5,300,767
1,876	269	2,336,555	321,596	23,764,672	7,627,077	31,713,345
632	69	636,441	122,590	6,924,847	2,450,185	9,497,622
19	3	27,626	5,549	127,205	174,920	307,674
12	20	26,460	822	58,584	68,539	127,945
12	1	11,178	1,291	16,765	34,177	52,233
14	11	13,948	232	35,374	26,746	62,352
1,152	161	1,596,588	183,065	16,362,347	4,783,936	21,329,348
35	4	24,314	8,047	239,550	88,574	336,171
93	366	289,851	8,300	865,674	853,252	1,727,226
11	6	16,307	970	38,442	39,365	78,777
58	238	182,408	4,426	614,895	563,212	1,182,533
6	64	42,624	751	109,313	101,997	212,061
4	47	28,824	1,333	66,659	114,673	182,865
14	11	19,688	620	36,365	34,005	70,990
2,048	137	1,893,641	134,733	3,380,347	5,123,525	8,638,605
171	-	144,005	10,646	196,016	294,781	501,443
4	-	3,051	597	8,797	5,136	14,530
18	2	22,923	764	10,281	61,190	72,235
60	9	51,789	2,621	125,728	99,701	228,050
2	-	353	96	9,261	4,566	13,923
164	1	170,468	18,557	293,596	317,350	629,503
244	76	331,779	15,608	324,376	745,083	1,085,067
329	19	525,242	37,881	459,070	2,244,949	2,741,900
896	26	493,900	23,468	672,521	1,024,561	1,720,550
160	4	150,131	24,495	1,280,701	326,208	1,631,404

MANUFACTURING INDUSTRIES OF

Table 27. - Principal Statistics of the Industries in

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Iron and Steel Products	38	9,359,592	205	19	406,205
Automobile supplies	7	143,145	11	4	28,005
Castings and forgings	8	1,100,174	49	5	86,063
Heating and cooking apparatus ..	4	56,760	5	1	7,207
Railway rolling stock	3	7,032,410	86	-	194,433
Sheet metal products	9	418,183	26	6	38,123
All other industries	7	608,920	28	3	52,374
Non-ferrous Metal Products	7	311,094	14	2	34,829
Electrical apparatus and supplies	4	80,692	6	2	8,047
All other industries	3	230,402	8	-	26,782
Non-metallic Mineral Products ...	45	12,704,229	158	22	343,866
Cement products	3	15,608	4	1	5,904
Clay products from domestic clay	10	1,941,991	42	2	78,259
Lime	3	177,883	3	-	5,560
Miscellaneous non-metallic mineral products	3	44,648	3	-	4,357
Petroleum products	14	3,698,938	71	11	172,162
Stone, monumental and orna- mental	7	268,621	12	3	23,135
All other industries	5	6,556,540	23	5	54,489
Chemicals and Chemical Products ..	17	503,283	26	10	45,736
Miscellaneous chemical products	4	28,764	3	-	2,345
Soaps and washing compounds ...	6	148,321	9	3	12,872
All other industries	7	326,198	14	7	30,519
Miscellaneous Products	14	459,804	29	4	61,440
Signs, electric and other ...	7	199,526	16	1	27,754
All other industries	7	260,278	13	3	33,686
TOTAL	970	69,192,348	2,558	500	4,659,309

THE PROVINCE OF ALBERTA, 1938.

each Group, Province of Alberta, 1938. - (Concl'd.)

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
1,712	--	1,996,794	173,618	2,446,530	2,662,050	5,282,198
50	--	50,875	2,236	71,330	103,418	176,984
205	--	215,622	21,996	285,682	406,427	714,105
8	--	6,168	711	9,654	26,466	36,831
1,272	--	1,543,439	137,839	1,669,471	1,691,834	3,499,144
83	--	70,007	3,022	162,558	167,438	333,018
94	--	110,683	7,814	247,835	266,467	522,116
41	--	36,832	6,238	151,182	142,072	299,492
18	--	14,084	1,862	28,184	37,004	67,050
23	--	22,748	4,376	122,998	105,068	232,442
935	27	1,107,689	513,980	7,018,083	4,441,127	11,973,190
9	--	4,543	289	10,031	17,751	28,071
225	--	183,715	25,891	2,267	349,179	377,337
20	--	23,430	10,884	15,244	80,884	107,012
7	--	6,599	917	6,376	24,048	31,341
327	1	459,301	295,430	6,056,105	2,750,247	9,101,782
20	2	26,800	2,760	25,221	103,785	131,766
327	24	403,301	177,809	902,839	1,115,233	2,195,881
55	6	49,233	10,560	236,629	394,775	641,964
3	1	1,666	158	34,561	17,998	52,717
26	3	24,088	3,759	125,837	140,468	270,064
26	2	23,479	6,643	76,231	236,309	319,183
77	13	82,359	6,737	185,546	312,223	504,506
32	--	35,589	3,233	21,000	179,493	203,726
45	13	46,770	3,504	164,546	132,730	300,780
8,540	1,086	9,708,480	1,574,280	54,345,594	30,755,626	86,675,500

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1938.

Table 28. -- Principal Statistics of the Leading Industries of Alberta, 1938.

Industries	Estab-lish-ments	Capital Invested	Total Em-ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1. Slaughtering and meat packing	11	7,963,518	1,809	2,480,961	16,362,347	21,329,348
2. Flour and feed mills	90	5,814,298	685	787,416	9,698,550	12,005,097
3. Butter and cheese	108	4,261,992	1,013	1,046,671	6,924,847	9,497,622
4. Petroleum products	14	3,698,938	410	631,463	6,056,105	9,101,782
5. Bread and other bakery products	176	2,283,169	833	821,234	1,810,257	3,513,599
6. Railway rolling stock	3	7,032,410	1,358	1,737,872	1,669,471	3,499,144
7. Printing and publishing	87	3,048,325	812	1,189,262	459,070	2,741,900
8. Breweries	5	3,649,202	236	399,043	1,024,798	2,622,617
9. Sawmills	146	2,000,678	1,051	582,015	672,521	1,720,550
10. Clothing, men's factory (incl. Men's Furnishings)	5	899,347	348	311,938	614,895	1,182,533
11. Printing and bookbinding	53	1,509,396	435	511,839	324,376	1,085,067
12. All other leading industries 1/ ...	6	10,784,247	749	832,816	4,114,223	7,554,462
TOTAL, LEADING INDUSTRIES	704	52,945,520	9,739	11,332,530	49,731,460	75,853,721
TOTAL, ALL INDUSTRIES	970	69,192,348	12,684	14,367,789	54,345,594	86,675,500

1/ Includes: Malt and malt products, Sugar refineries, Wood preservation and Glass products.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1938.

Table 29. - Cities, Towns and Villages in the Province of Alberta having Three or More Establishments, 1938.

Cities, Towns and Villages	Estab-lish-ments	Capital Invested	Wage-earners		Total Wages	Total Em-ployees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials Used	Gross Value of Production
			Male	Female						
	No.	\$	No.	No.	\$	No.	\$	\$	\$	\$
Calgary	191	22,909,192	2,911	336	3,685,046	4,274	5,486,989	646,080	19,574,234	31,908,064
Edmonton	184	19,330,356	2,827	549	3,612,074	4,403	5,331,130	395,678	18,850,764	29,009,675
Medicine Hat	22	4,414,220	410	4	366,855	550	590,996	46,520	4,282,572	5,456,146
Lethbridge	33	1,876,946	246	38	314,971	440	496,651	42,698	1,523,355	2,831,350
Raymond	5	5,986,765	193	11	186,653	222	236,080	35,245	899,836	1,931,596
Redcliff	5	1,809,850	232	24	259,402	284	312,028	50,657	564,660	1,163,627
Alix	3	230,503	56	5	43,321	72	56,604	12,271	429,869	664,137
Coleman	3	666,417	35	2	56,874	41	61,014	2,907	292,040	396,758
Wetaskiwin	6	125,596	24	-	27,377	34	39,076	5,689	288,241	386,609
Camrose	7	159,401	24	1	24,872	38	46,688	5,356	216,741	357,564
Viking	3	47,061	7	-	6,557	13	18,049	1,863	173,044	223,040
Red Deer	10	195,970	22	1	23,969	37	50,648	5,409	168,740	274,146
Sedgewick	3	34,685	8	-	7,379	16	14,021	1,535	146,667	221,204
Taber	3	190,091	28	28	31,757	67	45,172	3,296	145,480	232,776
Stettler	7	104,863	14	1	12,420	27	21,720	3,463	139,826	203,195
Ponoka	6	59,872	13	-	10,436	20	20,301	3,039	131,330	172,572
Vermilion	4	91,578	12	-	13,628	17	19,498	5,932	125,626	160,854
Leduc	6	30,121	6	1	4,707	15	10,512	2,166	116,829	152,503
Vegreville	4	40,315	12	1	11,329	18	15,429	3,111	115,362	189,067
Disbury	5	30,717	6	1	5,342	11	9,602	2,303	110,844	133,206
Coronation	5	31,367	8	2	5,873	19	13,288	2,373	98,504	133,345
Vilna	4	52,322	-	1	223	6	5,151	1,843	93,071	119,005
Barrhead	4	26,194	5	-	3,841	10	9,238	1,165	91,629	117,069
Westlock	3	12,401	5	-	3,049	8	6,753	1,340	91,094	117,139
Athabasca	6	56,623	6	-	3,405	15	12,182	1,156	82,360	105,203
Tofield	4	26,470	2	1	1,946	8	6,001	949	80,903	101,438
Hanna	4	31,066	11	-	6,676	19	13,185	2,545	79,893	111,370
Grand Prairie	12	144,508	38	-	21,385	50	30,290	4,877	77,761	136,259
Peace River	6	72,197	13	3	10,327	23	17,207	1,765	77,685	110,462
Olds	5	45,396	5	-	2,843	13	11,410	2,162	74,130	105,094
Bonnyville	3	25,945	3	1	1,213	8	6,143	1,027	69,419	84,588
Castor	4	56,063	5	-	3,731	8	7,191	1,784	69,296	89,538
Innisfail	3	27,369	6	1	5,584	12	10,162	1,546	60,870	84,965
Daysland	3	9,839	2	1	1,249	8	3,701	961	53,829	71,122
Eckville	3	14,293	2	-	600	6	4,160	646	48,925	58,242
Willingdon	3	5,332	1	-	90	4	1,710	1,197	48,621	61,190
Manville	3	7,035	2	-	1,227	6	3,498	941	47,068	61,198
Drumheller	7	91,820	18	3	22,222	31	31,522	2,445	46,481	104,112
Wainwright	4	215,610	10	1	9,804	24	17,740	6,917	45,875	107,366
Lacombe	3	33,097	5	-	4,092	10	10,653	1,298	42,903	63,516
Bashaw	3	40,939	3	-	2,612	7	7,844	987	42,372	56,142
Pincher Creek	4	32,353	14	2	7,369	21	12,084	787	41,613	65,260
St. Paul de Metis	3	21,991	4	-	1,166	7	2,582	2,412	41,507	51,330
Macleod	3	47,270	32	2	22,013	36	24,415	607	35,968	66,896
Rimbey	3	14,730	1	-	478	7	5,180	837	35,450	41,229
Cochrane	3	29,752	25	-	14,018	30	20,176	515	34,882	60,876
Cardstone	3	68,555	4	-	3,622	7	7,649	1,944	34,734	55,605
High River	4	50,257	8	2	10,499	15	16,780	1,569	33,503	63,330
Rocky Mountain House	4	17,853	4	4	3,011	10	5,578	1,125	32,301	43,776
Stratmore	3	22,245	2	-	1,718	5	5,015	1,075	31,580	47,744
Clareholm	4	44,429	5	2	4,003	9	8,101	1,245	29,932	47,603
Smoky Lake	3	12,100	2	-	1,256	5	1,876	1,917	29,264	36,638
Vulcan	3	39,500	2	-	1,545	4	3,745	1,688	26,231	40,509
Okotoks	5	20,210	2	-	413	8	4,428	719	22,662	35,831
Bentley	3	11,470	1	1	930	6	2,766	1,775	21,510	30,704
Blairmore	4	64,578	5	-	6,097	12	11,417	1,578	20,721	36,842
Gleichen	3	37,148	3	-	2,090	7	5,840	1,824	19,917	29,840
Nanton	4	32,405	3	-	1,960	9	4,984	1,092	19,849	28,957
Sylvan Lake	3	14,900	1	1	800	6	4,650	1,332	17,553	26,361
Lac La Biche	5	16,063	4	-	2,500	9	3,950	1,052	16,254	22,543
Sexsmith	3	14,679	4	1	625	9	3,423	665	14,135	22,436
Magrath	3	14,802	1	-	200	3	1,200	801	12,379	16,246
Trochu	3	11,053	3	1	765	7	2,553	996	10,018	15,717
Edson	3	14,250	3	2	2,850	6	3,850	575	5,159	10,316
Chauvin	3	10,850	1	1	800	5	2,190	502	2,195	6,251

NOTE: St. Albert is also an important manufacturing centre; figures, however, cannot be published since there are less than three establishments reporting.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1938.

Table 30. - Capital Invested in the Manufacturing Industries of the Province of Alberta, 1938, and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials on hand, stocks in process, finished products, fuel and miscellaneous supplies on hand	Operating Capital (cash, bills and accounts receivable,) Prepaid expenses, etc.	
	\$	\$	\$	\$
Manufacturing Industries, 1925.	35,094,598	11,780,029	7,193,780	54,068,407
1929.	49,479,358	19,091,463	13,305,131	81,875,952
1933.	46,748,503	12,830,304	10,025,756	69,604,563
1935.	45,489,578	14,928,989	7,692,076	68,110,643
1936.	45,389,672	16,454,328	8,380,578	70,224,578
1937.	46,285,687	16,607,544	7,910,839	70,804,070
<u>1938</u>				
Vegetable products	12,565,399	5,772,529	3,213,811	21,551,739
Animal products	8,003,568	2,847,878	2,094,375	12,945,821
Textiles and textile products ..	495,994	483,146	282,772	1,261,912
Wood and paper products	7,322,849	1,406,019	1,366,006	10,094,874
Iron and steel products	7,571,519	1,315,180	472,893	9,359,592
Non-ferrous metal products ...	153,995	76,773	80,526	311,094
Non-metallic mineral products ..	8,843,874	2,701,997	1,158,358	12,704,229
Chemicals and chemical products.	310,526	112,781	79,976	503,283
Miscellaneous products	328,707	56,580	74,517	459,804
TOTAL	45,596,431	14,772,883	8,823,034	69,192,348

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1938.

Table 31. - Power Equipment by Groups of Industries, Province of Alberta, 1938, and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Electric Motors operated by purchased power	Total Power Equipment	Electric Motors operated by power generated by the establishment reporting	Total Electric Motors	
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	
Total - All Industries,								
1925.	17,642	1,906	27	20,691	40,266	3,717	24,408	
1929.	21,273	2,035	24	29,883	53,215	5,066	34,949	
1933.	21,181	3,893	32	38,868	63,974	2,091	40,959	
1935.	24,447	4,164	12	40,811	69,434	2,343	43,154	
1936.	25,626	4,441	12	41,179	71,258	4,864	46,043	
1937.	24,455	4,483	12	42,659	71,609	4,253	46,912	
				<u>ORDINARILY IN USE</u>				
<u>1938</u>								
Vegetable products	7,721	1,828	-	8,886	18,435	3,553	12,439	
Animal products	2,727	87	-	7,369	10,183	400	7,769	
Textiles and textile products ..	-	-	-	184	184	-	184	
Wood and paper products	10,889	1,984	-	6,433	19,306	102	6,535	
Iron and steel products	25	100	-	8,654	8,779	-	8,654	
Non-ferrous metal products ...	-	-	-	185	185	-	185	
Non-metallic mineral products ..	2,555	332	-	9,857	12,744	199	10,056	
Chemicals and chemical products.	7	30	-	353	390	-	353	
Miscellaneous products	-	4	-	171	175	-	171	
TOTAL MANUFACTURING INDUSTRIES	23,924	4,365	-	42,092	70,381	4,254	46,346	
				<u>IN RESERVE OR IDLE</u>				
Vegetable products	-	138	-	943	1,081	-	943	
Animal products	500	2	-	660	1,162	-	660	
Textiles and textile products ..	-	-	-	-	-	-	-	
Wood and paper products	812	218	12	86	1,128	-	86	
Iron and steel products	25	-	-	40	65	-	40	
Non-ferrous metal products ...	-	-	-	5	5	-	5	
Non-metallic mineral products ..	729	320	-	2,096	3,145	-	2,096	
Chemicals and chemical products.	-	-	-	-	-	-	-	
Miscellaneous products	-	-	-	1	1	-	1	
TOTAL MANUFACTURING INDUSTRIES	2,066	678	12	3,831	6,587	-	3,831	

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1958.

Table 52. - Fuel and Electricity Consumed in the Manufacturing Industries of Alberta, by Groups of Industries, 1958, and Totals for Representative Years, 1925 - 1937.

Groups of Industries	Bituminous Coal				Anthracite	Lignite	Coke	Gasoline	Kerosene and Fuel Oil	Wood	Gas	Other Fuel	Total Cost of Fuel	Total Cost of Electricity
	Canadian		Imported											
	Short Ton	\$	Short Ton	\$										
Total - All Industries, 1925.	+ 141,224	469,271	-	-	12,706	162,146	36,645	19,524	78,282	28,754	115,075	11,173	931,556	380,022
1929.	136,959	509,251	158	974	548	158,207	25,427	14,674	83,711	31,264	382,244	9,787	1,193,887	447,465
1933.	80,075	178,276	20	436	2,097	107,797	11,573	10,168	53,772	22,066	253,602	9,643	649,430	443,180
1935.	82,923	208,063	602	915	765	138,554	13,302	17,613	69,516	23,047	315,393	17,369	804,527	494,625
1936.	88,424	209,648	171	613	705	138,142	11,409	17,724	71,846	22,266	364,060	9,342	845,955	521,890
1937.	89,811	227,964	18	383	525	128,988	11,278	26,372	48,860	23,836	374,398	10,907	852,511	549,864
1958														
Vegetable products	12,353	27,402	-	-	85	52,644	11,914	13,484	7,207	13,643	107,656	919	234,954	167,564
Animal products	36,308	60,953	-	-	-	56,864	-	2,020	358	5,808	67,376	6,632	200,011	121,585
Textiles and textile products ..	505	1,352	-	-	-	-	-	-	-	-	2,215	-	3,567	4,733
Wood and paper products	4,855	12,821	-	-	85	3,099	-	12,670	4,385	3,871	23,063	5,177	65,171	69,662
Iron and steel products	15,786	39,422	-	-	224	51,595	155	3,169	10,614	139	8,812	94	114,224	59,394
Non-ferrous metal products	-	-	-	-	-	-	133	-	-	-	4,257	171	4,561	1,677
Non-metallic mineral products ..	17,796	76,840	-	-	-	23	-	1,777	83,239	2,422	220,693	200	385,194	128,786
Chemicals and chemical products.	181	650	-	-	-	-	-	26	22	-	1,161	1,810	3,669	6,891
Miscellaneous industries	256	660	-	-	12	-	-	6	-	-	1,035	59	1,772	4,965
TOTAL MANUFACTURING INDUSTRIES	88,040	220,100	-	-	406	164,225	12,202	33,152	105,825	25,883	436,268	15,062	1,013,123	561,157

+ Includes imported bituminous coal.

NOTE: Fuel and electricity used in Smelters for metallurgical purposes as well as for heating and lighting are included in the above figures for the years 1937 and 1938.

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