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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

GENERAL MANUFACTURES BRANCH



MANUFACTURING INDUSTRIES

OF THE

PRAIRIE PROVINCES

1939



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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
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Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, General Manufactures Branch: A. Cohen, B.Com.

SECTION I. - MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1939

The report on the manufacturing industries of the Prairie Provinces for the year 1939 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 1930 to 1939, together, with statistics of the leading industries and leading cities and towns in 1939. 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 in 1939 recovered from the minor recession reported in 1938. Compared with the previous year there were increases of 763 or 1.8 per cent in the number of persons employed, \$2,194,578 or 4.5 per cent in the amount of salaries and wages paid, \$2,861,601 or 1.0 per cent in the gross value of production and \$6,480,843 or 6.8 per cent in the value added by manufacture.

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 the recession of 1938 and the up-swing in production was consequently not as marked as was the case in the rest of Canada. Saskatchewan reported the greatest increase in employment and salaries and wages paid, while Manitoba reported the greatest increase in the value of production.

Percentage Variation in 1939 as Compared with 1938

	Number of Employees	Salaries and Wages Paid	Gross Value of Products
	P.C.	P.C.	P.C.
CANADA	+ 2.5	+ 4.5	+ 4.1
Manitoba	+ 1.7	+ 4.6	+ 1.9
Saskatchewan	+ 5.8	+ 5.1	- 0.8
Alberta	+ 0.2	+ 4.2	+ 0.9

Establishments reporting in 1939 numbered 2,782 with a capital investment of \$230,510,644. These plants furnished employment to 43,077 persons who received \$50,746,451 in salaries and wages and produced goods with a gross selling value at the factory of \$282,335,234, while the value added by manufacture amounted to \$101,688,052.

From the standpoint of value of production, slaughtering and meat packing again led all industries in 1939 with an output valued at \$55,512,058. This was followed by flour and feed mills with a production of \$30,950,835 and butter and cheese with \$26,218,609. These three industries accounted for 40 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, 1939

The City of Winnipeg, with an output of \$81,024,272 is the most important manufacturing centre. Calgary, with an output of \$32,659,913 comes next. Other important cities, in the order named, are: Edmonton, St. Boniface, Regina, Moose Jaw, Saskatoon, Transcona, 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, 1939

	Estab-lish-ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
CANADA	24,800	3,646,877,390	658,083	737,772,408	1,836,077,031	3,474,645,745
Prince Edward Island	222	2,682,900	1,088	617,945	2,239,117	3,543,681
Nova Scotia ..	1,081	101,894,564	17,616	16,635,114	43,307,916	83,084,819
New Brunswick ..	803	91,171,323	14,501	13,659,162	35,617,614	66,058,151
Quebec	8,373	1,182,538,441	220,321	223,757,767	536,823,039	1,045,757,585
Ontario	9,824	1,762,571,669	318,871	378,376,209	907,011,461	1,745,674,707
Manitoba	1,087	119,659,365	23,910	28,444,798	82,408,293	134,293,595
Saskatchewan ..	734	37,567,054	6,455	7,323,953	38,724,070	60,567,559
Alberta	961	73,284,225	12,712	14,977,700	53,151,149	87,474,080
British Columbia	1,710	274,969,502	42,554	53,881,994	136,655,872	247,948,600
Yukon and N.W.T.	5	53,847	55	97,766	138,500	242,968

Table 2. - Principal Statistics of the Prairie Provinces 1930-1939

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.	\$	\$	\$	\$
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	113,338,708	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	2/ 76,364,126	219,483,573
1936	2,610	230,795,978	40,045	42,832,148	157,369,259	2/ 85,201,213	247,707,022
1937	2,627	229,446,146	42,337	47,360,194	187,365,412	2/ 95,942,215	289,236,404
1938	2,720	221,924,112	42,314	48,551,773	178,230,890	2/ 95,207,209	279,473,633
1939	2,782	230,510,644	43,077	50,746,451	174,283,512	2/101,688,052	282,335,234

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, 1939

Table 3. - Ten Leading Industries of the Prairie Provinces, 1939

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	22,990,695	4,219	5,847,072	47,168,177	55,512,058
2. Flour and feed mills	191	17,658,929	1,798	2,076,596	21,039,824	30,950,835
3. Butter and cheese	269	12,094,204	3,175	3,668,583	17,952,741	26,218,609
4. Petroleum products	27	12,741,285	1,067	1,526,646	14,401,194	22,250,675
5. Railway rolling stock	7	21,885,905	5,256	7,517,999	7,557,495	15,587,456
6. Bread and other bakery products .	425	6,143,418	2,647	2,627,769	4,180,971	9,310,882
7. Printing and publishing	309	8,767,308	2,881	4,024,134	1,711,063	9,057,393
8. Breweries	16	9,429,815	831	1,323,818	2,529,642	7,361,690
9. Clothing, men's factory	33	2,907,712	1,672	1,383,745	3,220,667	5,402,711
10. Printing and bookbinding	130	5,649,096	1,585	1,956,606	1,508,636	4,186,287
11. All other leading industries ^{1/} ..	4	9,852,817	980	1,315,645	16,276,497	20,394,067
TOTAL, LEADING INDUSTRIES	1,439	130,121,184	26,111	33,268,613	137,546,907	206,232,663
TOTAL, ALL INDUSTRIES	2,782	230,510,644	43,077	50,746,451	174,283,512	282,335,234

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

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1939

Table 4. - Principal Statistics of the Leading Cities and Towns of the Prairie Provinces, 1939

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	648	73,255,368	10,718	3,224	14,580,727	17,571	20,717,273	1,491,823	44,873,043	81,024,272
Calgary, Alberta	191	26,651,733	2,845	352	3,852,195	4,225	5,718,341	707,125	19,651,198	32,659,913
Edmonton, Alberta	179	20,611,030	2,902	527	3,808,370	4,455	5,566,986	399,898	19,893,319	29,871,108
St. Boniface, Manitoba	47	11,320,187	1,168	74	1,466,961	1,585	2,156,805	248,411	16,902,397	21,625,521
Regina, Saskatchewan	104	11,045,260	1,437	80	1,744,308	2,107	2,706,098	498,764	10,823,745	17,191,268
Moose Jaw, Saskatchewan	41	8,277,542	562	65	729,696	894	1,149,317	303,088	9,901,445	14,839,829
Saskatoon, Saskatchewan	70	6,323,776	695	58	867,067	1,130	1,469,649	220,450	6,866,746	11,535,010
Transcona, Manitoba	5	6,866,032	1,481	-	2,156,069	1,592	2,421,131	204,805	3,121,495	6,027,008
Prince Albert, Saskatchewan.....	20	2,021,068	292	18	294,916	409	472,908	55,359	2,061,076	3,025,205
Letnbridge, Alberta	31	2,635,488	268	34	321,209	413	506,726	44,324	1,152,061	2,887,227
Raymond, Alberta	4	3,465,269	182	9	172,711	213	231,466	37,686	1,054,607	2,366,143
Selkirk, Manitoba	10	2,195,840	395	3	445,936	453	611,331	162,966	777,350	2,150,032
Brandon, Manitoba	31	1,707,564	225	25	252,509	347	381,406	45,489	1,178,973	1,973,843
Redcliffe, Alberta	5	1,879,426	200	11	260,160	234	310,122	81,097	498,496	1,055,556
Yorkton, Saskatchewan	13	580,152	49	3	65,593	77	107,513	20,868	440,208	736,446
Alix, Alberta	3	227,076	53	2	45,432	71	64,399	11,851	453,254	714,107
The Pas, Manitoba	7	1,108,511	209	4	200,061	224	236,767	5,075	230,362	682,407
Melville, Saskatchewan	7	141,821	24	4	21,263	51	53,661	10,280	406,315	533,065

SECTION 2. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Of the three Prairie Provinces, Manitoba is the most industrialized. The 1,087 establishments reporting under the Census of Manufactures furnished employment to 23,910 persons who were paid \$28,444,798 in salaries and wages. They also spent \$82,408,293 for materials, and produced goods with a selling value at the factory amounting to \$134,293,595, while the value added by manufacture totalled \$48,810,544. Manufacturing production in 1939 was at a higher level than in the previous year. Compared with 1938 there were increases of 1.7 per cent in the number of employees, 4.6 per cent in the salaries and wages paid, 1.9 per cent in the gross value of production and 1.0 per cent in the value added by manufacture. Persons employed and salaries and wages paid were higher than in 1937, the peak year of the post-depression period.

Slaughtering and meat packing was the leading industry with a value of production of \$26,779,130. Railway rolling stock was second with \$12,146,547, followed by butter and cheese with \$9,760,277, flour and feed mills \$6,126,143, men's factory clothing \$4,114,406, printing and publishing \$3,978,103, bread and other bakery products \$3,663,771, printing and book-binding \$3,152,296, coffee, tea and spices \$3,037,840, etc.

Statistics by industrial groups for 1938 and 1939 are shown in Table 7. Animal products, with an output valued at \$40,252,120 again led all other groups. This was followed by vegetable products with a value of production of \$24,511,649, iron and steel products, \$19,905,711, wood and paper products \$16,686,920, non-ferrous metal products \$11,631,043, textiles and textile products \$10,156,634, etc.

Winnipeg is the most important manufacturing centre in the Prairie Provinces. With a production valued at \$81,024,272 it accounted for approximately 60 per cent of the entire output of the province of Manitoba. St. Boniface is in second place with a production of \$21,625,521 or about 16 per cent of the provincial total. Other cities of importance are Transcona, Selkirk, and Brandon.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 5. - Principal Statistics of the Manufacturing Industries of the Province of Manitoba, 1930 to 1939

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.	\$	\$	\$	\$
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	24,420,299	74,374,078	2/45,015,577	122,050,502
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	2/49,950,465	140,805,451
1938	1,072	114,367,743	23,507	27,195,923	80,447,740	2/48,308,248	131,770,280
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	2/48,810,544	134,293,595

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

2/ See footnote 2, page 2.

Table 6. - Principal Statistics of the Province of Manitoba Compared for 1938 and 1939

Items	1938	1939	+ Increase - Decrease
Establishments reporting No.	1,072	1,087	+ 15
Capital invested \$	114,367,743	119,659,365	+ 5,291,622
Employees on salaries -			
Male No.	3,799	3,783	- 16
Female No.	893	942	+ 49
Total salaries \$	7,745,349	7,954,864	+ 209,515
Employees on wages -			
Male No.	15,637	15,738	+ 101
Female No.	3,178	3,447	+ 269
Total wages \$	19,450,574	20,489,934	+ 1,039,360
Power equipment H.P.	156,242	152,622	- 3,620
Cost of fuel and electricity .. \$	3,014,292	3,074,758	+ 60,466
Cost of materials used \$	80,447,740	82,408,293	+ 1,960,553
Gross value of production \$	131,770,280	134,293,595	+ 2,523,315
Net value of production 1/ ... \$	48,308,248	48,810,544	+ 502,296

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 7. - Principal Statistics by Groups of Industries, 1938 and 1939

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>1938</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	5,761,487	3,024,863	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	26	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	48,308,248	131,770,280
<u>1939</u>											
Vegetable products	273	18,943,481	673	155	1,391,548	2,179	628	2,588,247	13,538,412	10,358,122	24,511,649
Animal products	179	18,430,126	715	192	1,437,530	2,695	443	3,591,637	31,866,769	7,988,620	40,252,120
Textiles and textile products	88	5,675,852	222	69	578,639	811	1,750	1,846,466	6,582,771	3,513,356	10,156,634
Wood and paper products	357	26,381,529	1,038	289	2,074,455	3,152	478	3,781,733	6,367,868	9,778,765	16,686,920
Iron and steel products	60	24,956,228	596	92	1,367,193	5,405	6	7,051,853	8,805,678	10,393,816	19,905,711
Non-ferrous metal products	22	4,549,499	93	9	224,941	361	4	428,969	10,014,347	1,314,049	11,631,043
Non-metallic mineral products	39	13,764,765	139	46	246,048	517	5	505,529	2,251,126	2,128,829	4,723,051
Chemicals and chemical products ...	38	4,888,316	177	57	399,171	296	85	377,250	2,017,710	2,278,698	4,369,670
Miscellaneous products	31	2,069,569	130	33	235,339	322	48	312,250	963,612	1,056,289	2,056,797
TOTAL	1,087	119,659,365	3,783	942	7,954,864	15,738	3,447	20,489,934	82,408,293	48,810,544	134,293,595

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 8. - Principal Statistics of the Leading Industries, 1939

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	11,236,135	1,731	2,524,479	23,104,865	26,779,130
2. Railway rolling-stock	4	14,783,291	4,033	5,763,820	5,962,906	12,146,547
3. Butter and cheese	90	4,501,952	1,289	1,584,359	3,505,644	3,760,277
4. Flour and feed mills	38	4,047,431	481	485,323	4,602,507	3,123,143
5. Clothing, men's factory	28	2,063,915	1,331	1,033,710	2,561,007	4,114,406
6. Printing and publishing	84	3,525,959	1,181	1,659,753	765,922	3,978,103
7. Bread and other bakery products	140	2,082,433	1,159	1,147,309	1,621,107	3,663,771
8. Printing and bookbinding	80	4,124,550	1,178	1,439,833	1,191,337	3,152,296
9. Coffee, tea and spices	10	2,343,317	212	287,112	2,277,150	3,037,840
10. Clothing, women's factory	26	1,154,503	927	803,938	1,747,229	2,741,507
11. Breweries	6	2,479,374	404	636,518	818,663	2,709,508
12. Biscuits, confectionery, cocoa, etc. ..	13	1,632,511	550	479,971	999,472	2,347,827
13. Malt and malt products	3	2,742,551	122	245,031	1,268,335	2,299,769
14. Bags, cotton and jute ..	4	1,342,713	171	215,319	1,392,441	2,198,932
15. Aerated and mineral waters	25	1,347,878	330	414,375	624,645	2,164,895

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 8. - Principal Statistics of the Leading Industries, 1939 - (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	1,231,709	134	151,271	1,453,756	1,884,891
17. Fur goods	40	1,342,674	430	460,077	1,928,901	1,701,984
18. Boxes and bags, paper	7	1,295,604	292	346,586	949,281	1,645,290
19. Primary iron and steel	4	1,732,926	406	538,227	424,684	1,610,745
20. Mattresses and springs	4	1,397,321	359	367,915	790,954	1,562,563
21. Sheet metal products	12	1,897,794	348	382,570	888,010	1,489,384
22. Sawmills	83	1,540,371	547	381,083	483,617	1,206,727
23. Medicinal and pharmaceutical preparations	7	1,174,160	134	152,500	514,555	1,205,342
24. Paints, pigments and varnishes	5	1,470,328	208	256,417	683,287	1,202,886
25. All other leading industries ^{1/}	6	20,860,097	808	1,175,332	10,762,362	14,546,009
TOTAL, LEADING INDUSTRIES	738	93,658,800	18,765	22,932,828	73,722,637	115,272,772
TOTAL, ALL INDUSTRIES	1,087	119,659,365	23,910	28,444,798	82,408,293	134,293,595

^{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 Industries

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Vegetable Products	273	18,943,481	673	155	1,391,548
Aerated and mineral waters	25	1,347,878	68	15	127,616
Biscuits, confectionery, cocoa, etc. .	18	1,632,511	98	18	177,166
Bread and other bakery products ...	140	2,082,433	114	46	182,408
Breweries	6	2,479,674	101	15	333,779
Coffee, tea and spices	10	2,343,317	76	23	171,471
Flour and feed mills	38	4,047,431	121	18	195,724
Foods, breakfast	3	228,089	3	1	3,324
Foods, stock and poultry	5	282,444	14	3	21,315
Foods, miscellaneous	8	582,096	15	3	29,155
Fruit and vegetable preparations ..	8	517,615	24	8	39,310
Macaroni, vermicelli, etc.	3	281,548	3	2	6,364
Malt and malt products	3	2,742,551	26	2	91,009
All other industries	6	377,894	10	1	12,907
Animal Products	179	18,430,126	715	192	1,437,530
Boots and shoes, leather	5	190,732	13	1	15,338
Butter and cheese	90	4,501,952	208	104	400,269
Fur dressing and dyeing	3	99,345	8	2	9,507
Fur goods	40	1,342,674	56	22	145,935
Gloves and mittens, leather	4	276,008	15	5	35,453
Miscellaneous leather goods	14	354,233	15	2	19,031
Sausages and sausage casings	8	178,975	24	3	30,555
Slaughtering and meat packing	9	11,236,135	359	50	764,204
All other industries	6	250,072	17	3	17,238
Textiles and Textile Products	88	5,675,852	222	69	578,639
Awnings, tents and sails	4	35,958	4	1	6,694
Bags, cotton and jute	4	1,649,716	16	4	71,052
Clothing, men's factory, incl. furnishings	28	2,063,915	93	25	232,471
Clothing, women's factory	26	1,154,503	54	24	156,697
Cotton textiles, n.e.s.	3	27,469	1	1	1,405
Hats and caps	14	329,935	27	8	49,999
Hosiery and knitted goods	5	277,853	15	4	24,640
All other industries	4	136,503	12	2	35,681
Wood and Paper Products	357	26,381,529	1,038	289	2,074,455
Boxes and bags, paper	7	1,295,604	46	16	149,044
Boxes, wooden	13	536,733	32	3	53,408
Carriages, wagons and sleighs	3	177,774	9	-	12,265
Cooperage	3	14,545	3	-	1,050
Engraving, stereotyping and electro- typing	8	422,663	40	10	95,356
Furniture	31	792,080	75	17	107,671
Miscellaneous paper products	4	429,789	16	3	33,977
Miscellaneous wooden products	10	66,386	11	1	11,069
Planing mills, sash and door factories	13	1,078,140	30	2	44,073
Printing and bookbinding	80	4,124,550	212	59	449,152
Printing and publishing	84	3,525,959	407	149	837,279
Sawmills	83	1,540,371	62	4	54,949
All other industries	18	12,376,935	95	25	225,162

PROVINCE OF MANITOBA, 1939

in Each Group, Province of Manitoba, 1939

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	
2,179	628	2,588,247	615,115	13,538,412	10,358,122	24,511,649
244	3	286,759	27,012	624,645	1,513,238	2,164,895
160	274	302,805	56,301	999,472	1,288,054	2,343,827
888	111	964,901	134,716	1,621,107	1,907,948	3,663,771
287	1	302,739	81,230	818,663	1,809,615	2,709,508
66	47	115,641	13,411	2,277,150	747,279	3,037,840
317	25	289,599	101,348	4,602,507	1,422,288	6,126,143
10	11	18,163	3,028	71,059	152,154	226,241
20	-	23,795	11,173	220,680	75,007	306,860
13	31	25,164	3,219	424,871	122,551	550,641
39	116	66,720	8,590	282,242	280,835	571,667
15	8	16,792	7,204	63,988	80,414	151,606
94	-	154,022	153,551	1,268,335	877,883	2,299,769
26	1	21,147	14,332	263,693	80,856	358,881
2,695	443	3,591,637	596,731	31,866,769	7,988,620	40,252,120
82	34	75,170	2,277	244,603	123,362	370,242
948	29	1,184,090	153,430	6,505,644	3,101,203	9,760,277
46	-	45,493	2,282	18,680	100,891	121,853
201	151	314,142	8,280	1,028,901	664,803	1,701,984
52	73	69,159	2,436	191,006	161,857	355,299
63	27	58,193	2,640	171,292	130,576	304,508
54	3	45,529	9,488	377,218	107,366	494,072
1,202	120	1,760,275	207,784	23,104,865	3,466,481	26,779,130
47	6	39,586	8,114	224,560	132,081	364,755
811	1,750	1,846,466	60,507	6,582,771	3,513,356	10,156,634
8	8	9,696	484	32,634	16,142	49,260
56	95	144,267	11,893	1,692,441	494,598	2,198,932
242	971	801,239	18,363	2,561,007	1,535,036	4,114,406
352	497	647,241	13,459	1,747,229	980,819	2,741,507
2	5	3,321	389	21,022	8,918	30,329
52	85	98,256	3,365	248,867	230,016	482,248
21	71	74,331	3,584	228,138	134,840	366,562
78	18	68,115	8,970	51,433	112,987	173,390
3,152	478	3,781,733	540,287	6,367,868	9,778,765	16,686,920
137	93	197,542	16,267	949,281	679,742	1,645,290
209	-	154,778	15,784	220,649	293,887	530,320
43	-	38,128	4,435	71,397	67,585	143,417
4	-	2,053	372	6,044	3,270	9,686
110	16	234,517	5,778	51,740	409,875	467,393
225	10	203,125	12,075	482,944	432,941	927,960
14	30	43,345	2,399	118,988	146,554	267,941
18	-	8,661	1,180	33,689	30,672	65,541
228	1	204,954	15,431	473,624	353,460	842,515
673	234	990,681	45,333	1,191,337	1,915,626	3,152,296
571	54	822,474	57,774	765,922	3,154,407	3,978,103
469	12	326,134	12,347	483,617	710,763	1,206,727
451	28	555,341	351,112	1,518,636	1,579,983	3,449,731

MANUFACTURING INDUSTRIES OF THE

Table 9. - 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	60	24,956,228	596	92	1,367,193
Agricultural implements	4	529,655	24	5	52,662
Automobile supplies	7	192,352	18	5	24,225
Castings and forgings	4	1,610,613	45	11	83,265
Iron and steel products, n.e.s.	4	1,696,027	67	11	140,770
Machinery	10	542,428	27	8	63,453
Primary iron and steel	4	1,732,926	31	3	119,233
Railway rolling-stock	4	14,783,291	231	13	534,476
Sheet metal products	12	1,897,794	59	21	129,293
All other industries	11	1,971,142	94	15	219,816
Non-ferrous Metal Products	22	4,549,499	93	9	224,941
Brass and copper products	5	559,095	24	-	65,150
Electrical apparatus and supplies ..	10	400,858	37	6	94,418
All other industries	7	3,589,546	32	3	65,373
Non-metallic Mineral Products	39	13,764,765	139	46	246,048
Clay products from domestic clay ...	5	265,876	6	-	16,300
Glass products	4	104,110	14	5	13,906
Lime	4	527,924	6	-	9,865
Petroleum products	5	1,231,709	34	10	61,491
Stone, monumental and ornamental ...	13	172,770	17	4	15,285
All other industries	8	11,462,376	62	27	129,201
Chemicals and Chemical Products	38	4,888,316	177	57	399,171
Gases, compressed	3	419,224	21	7	50,997
Medicinal and pharmaceutical preparations	7	1,174,160	16	18	57,805
Miscellaneous chemical products	8	566,424	19	5	62,800
Paints, pigments and varnishes	5	1,470,328	72	12	134,202
Soaps, washing compounds, etc.	8	915,550	40	13	75,234
Toilet preparations	3	43,517	3	1	4,900
All other industries	4	299,113	6	1	13,233
Miscellaneous Products	31	2,069,569	130	33	235,339
Brooms, brushes and mops	5	167,737	12	-	20,027
Mattresses and springs	4	1,397,321	85	26	143,731
Scientific and professional equipment	5	20,514	5	1	5,968
Signs, electric - neon and other ...	4	111,279	10	2	26,086
Stamps and stencils, rubber and metal	4	31,477	8	-	12,646
All other industries	9	341,241	10	4	26,881
TOTAL	1,087	119,659,365	3,783	942	7,954,864

PROVINCE OF MANITOBA, 1939

Each Group, Province of Manitoba, 1939 (Concluded)

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
5,405	6	7,051,853	706,217	8,805,678	10,393,816	19,905,711
67	1	60,046	11,354	192,881	168,538	372,773
60	-	58,494	5,978	75,386	90,460	171,824
255	-	293,431	26,265	322,108	629,593	977,966
216	-	240,686	38,790	381,968	514,095	934,853
91	-	97,529	10,532	125,481	260,351	396,364
371	1	418,994	172,766	424,684	1,013,295	1,610,745
3,789	-	5,229,344	386,351	5,962,906	5,797,290	12,146,547
266	2	253,277	23,791	888,010	577,583	1,489,384
290	2	400,052	30,390	432,254	1,342,611	1,805,255
361	4	428,969	302,647	10,014,347	1,314,049	11,631,043
66	-	63,965	19,195	345,228	282,220	646,643
78	3	68,531	15,264	265,585	308,122	588,971
217	1	296,473	268,188	9,403,534	723,707	10,395,429
517	5	505,529	343,096	2,251,126	2,128,829	4,723,051
57	-	30,480	13,337	390	65,165	78,892
7	4	11,526	761	29,326	45,703	75,790
79	-	57,644	37,326	34,825	124,039	196,190
90	-	89,780	54,572	1,453,756	376,563	1,884,891
31	1	26,061	4,038	33,785	64,815	102,638
253	-	290,038	233,062	699,044	1,452,544	2,384,650
296	85	377,250	73,262	2,017,710	2,278,698	4,369,670
28	-	34,167	10,194	44,571	305,949	360,714
52	48	94,695	8,308	514,555	682,479	1,205,342
41	1	45,790	3,769	331,586	286,170	621,525
106	18	122,215	21,399	683,287	498,200	1,202,886
44	14	55,381	23,016	305,032	395,275	723,323
3	4	3,239	138	13,937	16,169	30,244
22	-	21,763	6,438	124,742	94,456	225,536
322	48	318,250	36,896	963,612	1,056,289	2,056,797
55	-	34,943	2,546	63,664	99,585	165,795
218	30	224,184	21,499	790,984	750,110	1,562,563
1	2	1,727	508	4,952	13,498	18,958
28	-	30,538	2,104	20,919	87,740	110,763
4	1	2,568	270	4,828	19,396	24,494
16	15	24,290	9,969	78,295	85,960	174,224
15,738	3,447	20,489,934	3,074,758	82,408,293	48,810,544	134,293,595

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 10. - Cities, Towns and Villages in the Province of Manitoba having Three or More Establishments, 1939.

Cities, Towns and Villages	Estab-lish-ments	Capital Invested	Wage-carriers		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	648	73,255,368	10,718	3,224	14,580,727	17,571	20,717,273	1,491,823	44,873,043	81,024,272
St. Boniface	47	11,320,187	1,168	74	1,466,961	1,585	2,155,905	248,411	16,902,397	21,625,521
Transcona	5	6,866,032	1,481	-	2,156,069	1,592	2,421,131	204,805	3,121,495	6,027,008
Selkirk	10	2,195,840	395	3	445,936	453	611,331	162,966	777,350	2,150,032
Brandon	31	1,707,564	225	25	252,509	347	381,406	45,489	1,178,973	1,973,843
The Pas	7	1,108,511	209	4	200,061	224	236,767	5,075	230,362	682,407
Neepawa	9	318,139	49	2	35,811	68	56,965	44,229	241,015	391,553
Portage-la-Prairie	9	223,844	40	36	48,660	94	73,922	5,858	226,233	387,956
Killarney	4	247,277	20	-	12,403	22	15,263	6,944	132,309	281,820
Dauphin	7	99,812	16	2	14,065	33	30,811	4,660	167,018	237,276
Carmen	8	115,289	27	9	27,114	43	34,320	5,774	167,712	236,939
Souris	3	70,420	10	4	10,118	19	15,118	2,205	135,716	192,933
Morden	7	141,514	21	2	16,968	28	23,553	3,708	134,837	173,652
Elkhorn	3	32,673	4	-	3,535	9	8,617	1,671	125,480	172,305
Russell	3	37,131	6	1	3,977	10	10,677	1,916	117,033	156,901
Morris	3	128,942	8	-	5,505	14	11,435	3,092	117,891	135,987
Virden	6	67,022	12	5	8,713	26	14,075	2,802	96,528	130,606
Gladstone	3	25,408	2	2	1,639	11	6,324	1,575	81,532	116,694
Melita	3	15,122	2	1	2,335	7	6,421	1,644	84,601	104,725
Swan River	4	38,850	7	4	5,941	15	10,560	2,479	66,136	102,329
Rapid City	3	10,097	3	1	3,209	8	7,403	2,058	82,048	99,336
Winnipegosis	6	70,404	13	-	7,144	18	10,986	1,408	56,997	88,902
Teulon	3	26,284	6	2	5,776	10	8,135	1,508	63,209	88,045
Manitou	3	35,031	8	2	5,617	13	10,340	1,369	55,330	77,244
Stonewall	4	278,602	35	3	27,437	43	34,857	17,888	31,119	74,695
Minnedosa	3	45,796	5	1	3,495	10	7,735	1,402	34,672	56,653
Wawanesa	4	89,509	5	2	5,538	13	11,028	1,812	26,047	51,347
Deloraine	3	55,332	5	-	5,091	6	5,992	2,247	27,111	47,307
Gilbert Plains	4	11,005	4	1	1,990	11	4,328	718	35,602	44,461
Hamiota	3	28,100	4	-	2,755	6	5,024	1,187	16,439	32,778
Grandview	5	15,450	3	-	625	10	3,015	742	17,129	27,181
Roblin	3	19,562	3	1	2,783	6	3,863	639	9,403	20,064
Boissevain	3	21,033	4	-	2,979	7	5,753	1,142	4,577	14,778

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 11. - Principal Statistics of the Manufacturing Industries Located in the City of Winnipeg, Manitoba, 1939

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.	\$	\$	\$	\$
Vegetable Products -										
Coffee, tea and spices	10	2,343,317	66	47	115,641	212	287,112	13,411	2,277,150	3,037,840
Fruit and vegetable preparations	6	454,193	37	115	63,717	182	100,690	8,283	270,135	840,967
Flour and feed mills	5	1,747,234	154	23	168,714	242	276,609	38,074	1,909,681	2,541,996
Bread and other bakery products	68	1,582,904	707	61	809,530	881	952,527	102,396	1,289,499	2,943,003
Biscuits, confectionery, cocoa, etc. ..	18	1,632,511	160	274	302,805	550	479,971	56,301	999,472	2,343,827
Foods, breakfast	3	226,089	10	11	18,163	25	21,487	3,028	71,059	226,241
Foods, miscellaneous	8	582,096	13	31	25,164	52	54,319	3,219	424,871	560,641
Breweries	5	2,264,643	258	1	278,837	364	590,986	74,903	733,302	2,481,969
Aerated and mineral waters	14	1,179,424	210	3	254,515	282	368,556	21,051	523,694	1,908,114
All other vegetable products	10	2,248,695	97	6	136,030	136	199,943	106,958	1,051,090	1,836,781
Animal Products -										
Gloves and mittens, leather	4	276,008	52	73	69,159	145	104,612	2,436	191,006	355,299
Fur dressing and dyeing	3	99,345	46	-	45,493	56	55,000	2,282	18,680	121,853
Fur goods	39	1,248,253	194	143	301,037	413	440,352	7,475	993,376	1,648,717
Miscellaneous leather goods	10	337,198	57	27	54,885	97	69,948	1,894	169,741	286,940
Boots and shoes, leather	5	190,732	82	34	75,170	130	90,508	2,277	244,603	370,242
Slaughtering and meat packing	4	5,306,428	691	73	1,012,083	1,030	1,461,020	116,792	11,187,983	12,649,932
Sausages and sausage casings	8	178,975	54	3	45,529	84	76,084	9,488	377,218	494,072
Butter and cheese	11	2,393,853	563	11	782,220	682	931,714	61,362	1,705,484	3,181,234
All other animal products	3	216,027	40	5	32,411	62	47,449	6,097	212,476	336,630
Textile Products -										
Cotton textiles, n.e.s.	3	27,469	2	5	3,321	9	4,726	389	21,022	30,329
Hosiery and knitted goods	5	277,853	21	71	74,331	111	98,971	3,584	228,138	366,562
Clothing, men's factory (including Furnishing goods)	27	2,011,739	238	939	763,090	1,290	1,004,468	17,672	2,476,169	3,993,810
Clothing, women's factory	26	1,154,503	352	497	647,241	927	803,938	13,459	1,747,229	2,741,507
Hats and caps	14	329,935	52	85	98,256	172	148,255	3,365	248,867	482,248
Awnings, tents and sails	3	33,084	7	8	9,146	19	15,540	452	30,810	46,465
Bags, cotton and jute	4	1,649,716	56	95	144,267	171	215,319	11,893	1,692,441	2,198,932
Wood and Paper Products -										
Boxes and bags, paper	6	1,038,658	117	87	173,409	250	275,067	11,355	710,559	1,233,008
Miscellaneous paper products	4	429,789	14	30	43,346	83	77,322	2,399	118,988	267,941
Printing and bookbinding	72	4,092,083	668	233	988,188	1,163	1,429,190	44,917	1,186,419	3,130,790
Printing and publishing	25	2,943,176	459	40	708,402	972	1,460,167	42,007	704,807	3,626,704
Engraving, stereotyping and electrotyping	8	422,663	110	16	234,517	176	329,873	5,778	51,740	467,393
Planing mills	6	849,118	145	-	137,451	164	164,747	9,263	358,488	614,527
Furniture	29	778,730	222	10	200,665	322	305,751	11,870	478,868	916,795
Carriages, wagons and sleighs	3	177,774	43	-	38,128	52	50,393	4,435	71,397	143,417
Boxes, wooden	6	266,071	95	-	66,310	117	103,601	7,844	95,050	252,869
Miscellaneous wooden products	6	22,165	6	-	3,104	15	10,518	534	8,759	21,689
All other wood and paper products ...	17	1,459,719	200	28	235,108	307	367,223	24,941	462,258	1,097,604
Iron and Steel Products -										
Castings and forgings	4	1,510,613	255	-	293,431	311	376,696	26,265	322,108	977,966
Agricultural implements	3	480,711	61	1	54,406	90	106,733	10,905	164,581	344,773
Machinery	9	539,528	91	-	97,529	124	159,622	10,532	124,981	393,775
Automobile supplies	7	192,352	60	-	58,494	83	82,719	5,978	75,396	171,824
Sheet metal products	10	1,175,499	186	2	172,947	234	238,926	13,800	596,700	998,615
Iron and steel products, n.e.s.	4	1,696,027	216	-	240,686	294	381,456	38,790	381,968	934,853
All other iron and steel products ...	10	11,020,181	2,607	2	3,479,416	2,855	4,007,167	293,452	3,938,942	8,629,698
Non-ferrous Metal Products -										
Brass and copper products	4	515,277	64	-	62,187	85	125,537	19,084	337,241	624,166
Electrical apparatus and supplies ...	10	400,858	78	3	68,531	124	162,949	15,364	265,585	588,971
All other non-ferrous metal products .	6	200,915	19	1	18,559	38	44,677	6,861	178,804	294,720

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 11. - Principal Statistics of the Manufacturing Industries Located in the City of Winnipeg, Manitoba, 1939
(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.	\$	\$	\$	\$
Non-metallic Mineral Products -										
Glass products	4	104,110	7	4	11,526	30	25,432	761	29,326	75,790
Stone, monumental and ornamental	6	97,510	20	1	18,280	32	25,679	2,439	12,461	47,813
All other non-metallic mineral products	9	6,996,505	223	-	231,226	321	378,480	102,103	846,713	1,986,920
Chemical Products -										
Medicinal and pharmaceutical preparations	7	1,174,160	52	48	94,695	134	152,500	8,308	514,555	1,205,342
Paints, pigments and varnishes	4	1,174,652	61	9	72,109	140	175,731	14,588	430,171	823,726
Soaps and washing compounds	7	887,534	41	13	52,781	105	125,195	22,612	301,992	716,533
Toilet preparations	3	43,517	3	4	3,239	11	8,139	138	13,937	30,244
Miscellaneous chemical products	7	108,507	10	1	9,537	21	27,829	300	16,527	50,000
All other chemical products	4	276,560	28	-	32,341	52	72,506	7,861	100,168	352,557
Miscellaneous Industries -										
Brooms, brushes and mops	5	167,737	55	-	34,943	67	54,970	2,546	63,664	165,795
Mattresses and springs	4	1,397,321	215	30	224,194	359	367,915	21,499	790,954	1,562,563
Scientific and professional equipment	5	20,514	1	2	1,727	9	7,695	508	4,952	18,958
Stamps and stencils, rubber and metal	4	31,477	4	1	2,568	13	15,214	270	4,828	24,494
Signs, electric, neon and other	4	111,279	28	-	30,538	40	56,624	2,104	20,919	110,763
All other miscellaneous industries ..	10	359,854	32	17	35,285	64	64,006	10,971	93,164	204,616
TOTAL	648	73,255,368	10,718	3,224	14,580,727	17,571	20,717,273	1,491,823	44,973,043	81,024,272

The item "All other vegetable products" includes 2 malt and malt products; 2 macaroni, vermicelli, etc.; 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 wood and paper products" includes 2 roofing paper, wallboard, etc.; 1 bluesprinting; 2 trade composition; 2 refrigerators; 2 cooperage; 1 woodenware; 2 coffins and caskets; 2 beekeeper and poultrymen's supplies; 1 excelsior and 2 lithographing.

The item "All other iron and steel products" includes 1 primary iron and steel; 1 heating and cooking apparatus; 1 automobiles; 2 aircraft; 2 railway rolling stock; 2 hardware and tools 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 sand-lime brick; 2 gypsum products; 2 clay products from domestic clay and 1 lime.

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

The item "All other miscellaneous industries" includes 1 ice manufactured; 1 sporting goods; 1 regalia and society emblems; 2 automobile accessories, fabric; 2 novelties, advertising and other; 1 statuary and art goods; 1 carpets, mats and rugs and 1 gloves and mittens, fabric.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 12. - Capital Invested in the Manufacturing Industries of Manitoba, by Groups of Industries, 1939
and Totals for Representative Years, 1925 - 1938

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
1938	76,211,118	20,588,911	17,567,714	114,367,743
<u>1 9 3 9</u>				
Vegetable products	11,004,801	5,182,908	2,755,772	18,943,481
Animal products	8,553,435	6,756,268	3,140,423	18,430,126
Textiles and textile products ..	2,161,555	2,239,375	1,274,922	5,675,852
Wood and paper products	19,697,640	2,568,673	4,115,216	26,381,529
Iron and steel products	16,738,671	6,069,507	2,148,050	24,956,228
Non-ferrous metal products	2,459,366	642,826	1,547,307	4,549,499
Non-metallic mineral products ..	11,913,453	1,013,818	832,494	13,764,765
Chemicals and chemical products ..	2,637,887	1,339,913	910,516	4,888,316
Miscellaneous products	927,501	418,596	723,472	2,069,569
TOTAL	76,099,309	26,111,884	17,448,172	119,659,365

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 13. - Power Equipment by Groups of Industries, Province of Manitoba, 1939 and Totals for Representative Years, 1925 - 1938

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 estab- lishment 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	33	99,132	111,701	697	99,829
	1933 ..	13,042	2,238	78	74,224	89,582	442	74,566
	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
	1938 ..	12,246	2,930	25	141,041	156,242	1,554	142,595
<u>ORDINARILY IN USE</u>								
<u>1939</u>								
Vegetable products		1,036	665	-	16,322	18,023	255	16,577
Animal products		663	4	-	9,999	10,566	-	9,999
Textiles and textile products		75	5	-	1,024	1,104	-	1,024
Wood and paper products		5,914	620	25	37,878	44,437	3	37,881
Iron and steel products		2,870	120	-	35,551	38,541	323	35,874
Non-ferrous metal products		-	-	-	20,111	20,111	-	20,111
Non-metallic mineral products		511	1,209	-	10,203	11,923	863	11,066
Chemicals and chemical products ...		46	16	-	2,013	2,075	-	2,013
Miscellaneous products		-	50	-	994	1,044	-	994
TOTAL MANUFACTURING INDUSTRIES .		11,115	2,689	25	134,095	147,924	1,444	135,539
<u>IN RESERVE OR IDLE</u>								
Vegetable products		305	-	-	107	412	-	107
Animal products		12	-	-	366	379	-	366
Textiles and textile products		40	-	-	110	150	-	110
Wood and paper products		235	2	-	47	284	-	47
Iron and steel products		75	250	-	1,027	1,352	22	1,049
Non-ferrous metal products		-	-	-	123	123	-	123
Non-metallic mineral products		35	-	-	1,828	1,863	-	1,828
Chemicals and chemical products ...		-	-	-	135	135	-	135
Miscellaneous products		-	-	-	1	1	-	1
TOTAL MANUFACTURING INDUSTRIES .		702	252	-	3,744	4,698	22	3,766

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1939

Table 14. - Fuel and Electricity Consumed in the Manufacturing Industries of Manitoba, by Groups of Industries, 1939 and Totals for Representative Years, 1925 - 1938

Groups of Industries	Bituminous Coal				Anthra- cite	Lignite	Coke	Gasoline	Kerosene and Fuel Oil	Wood	Gas	Other Fuel	Total Cost of Fuel	Total Cost of Elec- tricity
	Canadian		Imported											
	Short Ton	\$	Short Ton	\$										
Total - All Industries, 1925 .	+ 114,990	781,610	-	-	90,087	230,573	81,064	32,547	190,684	107,073	101,793	24,472	1,539,903	475,255
1929 .	40,098	250,570	130,060	1,026,862	82,256	299,980	71,131	16,156	184,452	209,483	141,048	16,463	2,298,401	1,210,554
1933 .	53,368	305,884	32,897	240,641	99,146	246,872	29,761	7,110	126,159	95,910	97,133	29,767	1,278,383	686,121
1935 .	62,368	392,916	9,764	75,897	91,987	365,819	21,240	13,402	164,470	121,410	93,334	30,151	1,370,626	935,186
1936 .	54,308	367,729	13,315	103,991	99,181	425,526	34,126	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	15,727	200,192	133,515	110,820	25,599	1,729,722	1,440,750
1938 .	90,960	599,569	6,746	62,042	92,712	387,323	24,929	41,590	188,791	145,266	157,883	22,331	1,722,436	1,291,856
<u>1939</u>														
Vegetable products	11,314	70,108	2,376	20,132	97,284	42,963	7,840	18,273	11,721	33,252	58,165	4,370	364,108	251,007
Animal products	1,420	10,472	355	2,898	176	115,938	246	13,866	150	35,228	3,553	2,634	185,261	211,470
Textiles and textile products .	631	4,890	-	-	-	1,582	13	-	626	4,900	5,207	3,896	21,214	39,293
Wood and paper products	5,884	36,580	3,316	31,048	330	5,207	314	2,695	5,156	11,263	12,228	7,271	112,092	428,195
Iron and steel products	12,335	85,093	710	12,358	139	233,261	4,634	4,727	119,906	4,779	6,579	1,476	472,952	233,265
Non-ferrous metal products ..	27,737	207,352	554	5,041	-	404	892	426	8,418	852	3,567	-	226,952	75,695
Non-metallic mineral products .	12,963	94,730	-	-	9	25,007	5,936	3,195	47,324	48,217	47,525	-	271,943	71,153
Chemicals and chemical products	1,950	11,976	2,179	18,983	-	4,864	2,583	15	2,479	904	658	3,036	45,498	27,764
Miscellaneous industries	632	3,846	487	4,092	-	-	879	730	1,539	546	1,505	-	13,137	23,759
TOTAL MANUFACTURING INDUSTRIES.	74,866	525,047	9,977	94,552	97,938	429,326	23,337	43,927	197,319	139,941	139,087	22,683	1,713,157	1,361,601

+ 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, 1938 and 1939.

SECTION 3. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1939

Manufacturing production in Saskatchewan advanced during 1939. The 734 establishments reporting to the Census of Manufactures had a value of production of \$60,567,559, a decrease of \$460,294 or 0.8 per cent as compared with the previous year. This drop in the value of production was due mainly to sharp declines in the value of milled products and not to a drop in the volume of production. The flour and feed milling industries, for example, although employing more persons, reported a decline of \$1,997,187 in the value of production. Indicative of the increased output in 1939 is the increase of 332 in the number of persons employed, \$335,892 in the amount of salaries and wages paid and \$4,116,020 in the value added by manufacture. Capital invested in 1939 amounted to \$37,567,054, the number of employees totalled 6,455, salaries and wages paid \$7,323,953, and the value added by manufacture \$20,259,355.

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 \$19,887,488 in 1939 led all groups in value of output. The animal products group with a value of production of \$13,990,262 was second. This was followed by non-metallic mineral products, non-ferrous metal products, iron and its products, wood and paper products, etc. The expansion of the automobile industry in Saskatchewan was the main feature of her manufacturing operations during the past few years.

The flour and feed milling industry again headed the list with an output of \$14,891,856 or about 25 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 \$17,191,268 was the most important manufacturing centre in Saskatchewan in 1939. Moose Jaw with \$14,839,829 was second, while Saskatoon with \$11,535,010 was third. These three cities accounted for about 72 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, 1939

Table 15. - Principal Statistics of the Manufacturing Industries in the Province of Saskatchewan, 1930 to 1939

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.	\$	\$	\$	\$
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
1939	734	37,567,054	6,455	7,323,953	38,724,070	2/20,259,355	60,567,559

- 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 1938 and 1939

Items		1 9 3 8	1 9 3 9	+ Increase - Decrease
Establishments reporting	No.	678	734	+ 56
Capital invested	\$	38,364,021	37,567,054	- 796,967
Employees on salaries -				
Male	No.	1,601	1,701	+ 100
Female	No.	277	292	+ 15
Total salaries	\$	2,585,934	2,740,268	+ 154,334
Employees on wages -				
Male	No.	3,964	4,150	+ 186
Female	No.	281	312	+ 31
Total wages	\$	4,402,127	4,583,685	+ 181,558
Power equipment	H.P.	49,149	57,471	+ 8,322
Cost of fuel and electricity	\$	1,446,962	1,585,181	+ 138,219
Cost of materials used	\$	43,437,556	38,724,070	- 4,713,486
Gross value of production	\$	61,027,853	60,567,559	- 460,294
Net value of production 1/	\$	16,143,335	20,259,355	+ 4,116,020

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>1938</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
Chemical 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
<u>1939</u>					
Vegetable products	231	13,267,768	442	62	703,895
Animal products	93	6,037,565	393	78	655,319
Textiles and textile products ..	4	305,837	6	1	11,310
Wood and paper products	345	4,333,035	604	97	814,138
Iron and steel products	16	3,480,309	79	22	193,239
Non-ferrous metal products 1/ ..					
Non-metallic mineral products ..	33	6,290,769	130	23	251,466
Chemicals and chemical products ..	7	502,427	24	10	67,635
Miscellaneous products	6	44,795	8	1	11,560
TOTAL	737	37,654,095	1,706	294	2,752,194

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

PROVINCE OF SASKATCHEWAN, 1939

Industries, Province of Saskatchewan, 1938 and 1939

Employees on Wages			Cost of Materials Used	Net Value of Production	Gross Value of Production
Male	Female	Wages			
No.	No.	\$	\$	\$	\$
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
1,016	87	1,097,906	12,041,269	7,444,126	19,887,488
968	98	1,152,403	10,781,341	2,969,763	13,990,262
12	24	30,252	471,621	169,261	642,336
993	88	921,907	1,210,461	2,991,738	4,306,048
502	3	501,687	3,470,840	1,778,744	5,320,713
432	4	559,106	6,818,732	3,275,776	10,590,238
29	4	36,954	152,452	170,619	332,858
10	7	15,803	12,302	35,653	48,528
4,160	315	4,593,933	38,782,135	20,283,273	60,650,589

MANUFACTURING INDUSTRIES OF THE

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	231	13,267,768	442	62	703,895
Aerated and mineral waters ..	21	658,054	38	7	61,096
Bread and other bakery products	125	1,815,534	104	20	109,146
Breweries	5	2,433,443	47	2	126,958
Flour and feed mills	63	8,177,268	226	31	375,033
Foods, breakfast	5	27,614	9	-	7,624
All other industries	12	155,855	18	2	24,038
Animal Products	93	6,037,565	393	78	655,319
Butter and cheese	68	3,256,436	239	53	364,827
Fur goods	4	52,770	8	3	15,464
Leather tanneries	8	124,403	8	2	6,385
Miscellaneous leather goods ..	4	15,237	1	-	700
Slaughtering and meat packing .	7	2,573,942	135	19	266,036
All other industries	2	14,777	2	1	1,907
Textiles and Textile Products ..	4	305,837	6	1	11,310
All other industries	4	305,837	6	1	11,310
Wood and Paper Products	345	4,333,035	604	97	814,138
Furniture	3	11,179	4	-	3,077
Planing mills, sash and door factories	14	648,640	32	6	44,263
Printing and bookbinding	33	506,086	53	10	82,237
Printing and publishing	134	2,206,607	371	77	624,706
Sawmills	147	621,837	124	2	28,722
All other industries	14	338,686	20	2	31,133
Iron and Steel Products	16	3,480,309	79	22	193,239
Castings and forgings	6	261,227	20	3	57,158
Machinery	3	465,379	11	4	21,452
Sheet metal products	4	251,226	7	2	14,575
All other industries	3	2,502,477	41	13	100,054
Non-ferrous Metal Products 1/					
Non-metallic Mineral Products ..	33	6,290,769	130	23	251,466
Clay products from domestic clay	7	818,889	8	-	16,465
Petroleum products	11	4,659,959	88	20	187,526
Stone, monumental and ornamental	10	153,860	19	2	25,244
All other industries	5	658,061	15	1	22,231
Chemicals and Chemical Products ..	7	502,427	24	10	67,635
Miscellaneous chemical products	3	87,041	5	2	11,926
All other industries	4	415,386	19	8	55,709
Miscellaneous Products	6	44,795	8	1	11,560
All other industries	6	44,795	8	1	11,560
TOTAL	737	37,654,095	1,706	294	2,752,194

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

PROVINCE OF SASKATCHEWAN, 1939

in each Group, Province of Saskatchewan, 1939

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
1,016	87	1,097,906	402,093	12,041,269	7,444,126	19,887,488
95	4	100,395	12,133	293,702	487,728	793,583
430	54	439,714	78,586	979,560	1,079,687	2,137,833
140	-	155,235	57,550	587,067	1,154,899	1,799,516
314	14	374,261	243,237	9,997,517	4,651,102	14,891,856
14	3	9,697	3,457	24,070	32,558	60,085
23	12	18,604	7,130	159,353	38,152	204,635
968	98	1,152,403	239,158	10,781,341	2,969,763	13,990,262
549	44	622,455	148,022	5,407,158	2,185,456	7,740,636
7	7	15,415	448	35,098	43,561	79,107
15	1	13,167	2,471	11,521	26,950	40,942
4	-	3,436	630	2,160	6,761	9,551
390	45	495,228	86,752	5,310,633	690,497	6,087,882
3	1	2,702	835	14,771	16,538	32,144
12	24	30,252	1,454	471,621	169,261	642,336
12	24	30,252	1,454	471,621	169,261	642,336
993	88	921,907	103,849	1,210,461	2,991,738	4,306,048
3	1	2,716	170	7,937	6,466	14,573
116	-	97,439	12,906	193,662	236,511	443,079
60	18	72,344	8,134	102,766	227,096	337,996
393	42	546,374	58,984	469,846	1,822,321	2,351,151
350	23	144,135	12,759	253,254	509,494	775,507
71	4	58,899	10,896	182,996	189,850	383,742
502	3	501,687	71,129	3,470,840	1,778,744	5,320,713
45	1	47,259	3,945	29,293	143,360	176,598
62	1	67,168	6,198	102,892	147,449	256,539
22	-	19,137	1,734	44,071	43,717	89,522
373	1	368,123	59,252	3,294,584	1,444,218	4,798,054
432	4	559,106	495,730	6,818,732	3,275,776	10,590,238
33	-	39,309	11,536	1,282	135,956	148,774
341	3	468,233	467,015	6,669,751	2,937,695	10,074,461
17	1	17,940	3,211	27,113	64,751	95,075
41	-	33,824	13,968	120,586	137,374	271,928
29	4	36,954	9,787	152,452	170,619	332,858
10	3	10,248	1,047	58,065	23,918	83,030
19	1	26,706	8,740	94,387	148,701	249,828
10	7	15,803	571	12,302	35,653	48,526
10	7	15,803	571	12,302	35,653	48,526
4,160	315	4,593,933	1,585,181	38,782,135	20,283,273	60,650,589

total of the groups.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1939

Table 19. - Principal Statistics of the Ten Leading Industries of the Province of Saskatchewan, 1939

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	63	8,177,268	585	749,294	9,997,517	14,891,856
2. Petroleum products	11	4,659,959	452	655,759	6,669,751	10,074,461
3. Butter and cheese	68	3,256,436	885	987,282	5,407,158	7,740,636
4. Slaughtering and meat packing	7	2,573,942	589	761,264	5,310,633	6,087,882
5. Printing and publishing	134	2,206,607	883	1,171,080	469,846	2,351,151 ¹
6. Bread and other bakery products ...	125	1,815,534	608	548,860	979,560	2,137,833 ¹
7. Breweries	5	2,433,443	189	282,193	587,067	1,799,516
8. Aerated and mineral waters	21	658,054	144	161,491	293,702	793,563
9. Sawmills	147	821,837	499	172,857	253,254	775,507
10. Planing mills, sash and door factories	14	648,640	154	141,702	193,662	443,079
11. All other industries 1/	3	6,087,138	645	767,850	7,505,783	10,798,937
TOTAL, LEADING INDUSTRIES	598	33,138,858	5,633	6,399,632	37,667,933	57,894,421
TOTAL, ALL INDUSTRIES	737	37,654,095	6,475	7,346,127	38,782,135	60,650,589

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1939

Table 20. - Cities, Towns and Villages in the Province of Saskatchewan having Three or More Establishments, 1939

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	104	11,045,260	1,437	80	1,744,308	2,107	2,706,098	498,764	10,823,745	17,191,268
Moose Jaw	41	8,277,542	562	65	729,696	894	1,149,317	303,088	9,901,445	14,839,829
Saskatoon	70	6,323,776	695	58	867,067	1,130	1,469,649	220,450	6,866,746	11,535,010
Prince Albert	20	2,021,068	292	18	294,916	409	472,908	55,359	2,061,076	3,025,205
Yorkton	13	580,152	49	3	65,593	77	107,513	20,868	440,208	736,446
Melville	7	141,821	24	4	21,263	51	53,661	10,280	406,315	533,065
Swift Current	11	305,709	40	3	43,601	67	73,140	12,741	241,044	415,550
Melfort	5	174,053	19	5	17,375	40	36,378	7,198	220,804	326,333
North Battleford ...	8	282,587	44	2	41,524	65	66,390	9,295	175,774	322,244
Humboldt	6	173,111	17	4	13,309	33	24,528	9,578	166,685	237,838
Kamsack	5	89,449	20	3	13,820	28	19,502	3,012	146,165	194,396
Weyburn	8	167,900	22	3	18,855	40	37,723	6,023	116,164	190,301
Lloydminster	5	65,041	10	3	9,990	24	18,253	3,337	129,879	174,134
Biggar	5	79,799	10	1	10,488	18	17,008	4,182	114,057	166,796
Tisdale	5	96,926	9	1	7,394	17	15,594	4,553	114,578	155,799
Joan Lake	4	70,850	9	-	3,884	16	10,410	3,540	107,023	154,938
Canora	4	53,201	14	2	8,532	23	15,204	2,601	81,059	122,436
Oxbow	3	25,970	4	-	2,921	9	8,546	1,429	84,396	117,756
Rosthern	4	75,374	8	2	6,960	20	14,816	2,377	91,109	117,536
Estevan	8	579,508	23	5	21,157	34	29,524	4,297	56,501	109,498
Broadview	3	24,238	4	1	2,826	8	6,751	1,877	84,890	106,551
Outlook	3	85,264	5	-	3,350	13	10,850	3,268	64,179	102,107
Eston	4	82,757	13	2	11,684	24	23,782	4,481	55,399	100,731
Carlyle	4	27,612	5	1	3,829	9	7,389	1,730	68,437	98,499
Moosomin	3	30,490	5	1	3,355	10	8,489	2,186	66,897	95,771
Shellbrook	3	37,650	3	3	2,095	10	7,070	1,720	68,666	84,857
Unity	4	44,333	5	-	3,725	11	7,962	3,663	58,160	84,018
Kerrobert	3	41,009	5	1	4,023	11	9,058	2,020	40,923	56,977
Kelvington	3	17,999	4	1	1,001	9	4,397	1,346	41,104	55,877
Shaunavon	3	41,829	6	2	3,213	17	11,895	2,333	29,033	53,771
Norquay	3	16,880	8	1	3,626	11	5,626	540	32,319	41,171
Maple Creek	3	23,550	2	-	1,703	6	4,403	1,450	26,174	39,390
Wynyard	3	22,852	4	1	3,335	7	5,335	954	18,674	28,651
Kindersley	6	22,062	5	-	3,277	10	7,597	1,243	11,514	25,490
Hipawin	4	14,432	5	2	2,981	9	3,981	1,064	11,637	21,433
Eldersley	3	9,700	11	1	4,310	16	5,810	278	7,330	17,696
Rosetown	3	28,427	4	1	4,275	7	7,758	675	5,671	17,411
Gravelbourg	4	50,636	5	-	2,601	12	5,631	1,653	5,610	14,144
Fort Qu'Appelle	3	12,556	4	1	2,764	5	2,764	690	7,439	13,070
Esterhazy	3	31,020	1	-	85	6	1,890	771	6,977	12,938
Wilkie	3	15,040	2	-	1,103	5	5,531	444	4,476	12,770
Arcola	3	33,245	2	1	1,185	5	2,505	738	7,801	12,375
Dodsland	3	32,586	3	-	630	6	2,230	528	5,943	10,912
Lafleche	3	12,466	1	-	400	3	1,404	293	7,045	9,956
Cull Lake	3	10,237	1	-	700	4	2,975	338	4,099	9,602
Harris	3	12,828	3	-	1,581	5	2,481	888	4,139	8,243
Birch Hills	3	8,465	2	-	1,032	5	2,277	255	1,921	5,651
Rocanville	3	4,600	1	-	700	3	1,480	268	2,337	4,289
Lintlaw	5	1,800	3	-	325	6	525	73	1,525	3,083

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1939

Table 21. - Capital Invested in the Manufacturing Industries of the Province of Saskatchewan, 1939, and Totals for Representative Years, 1925 - 1938

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
1938	22,118,918	8,378,786	7,866,317	38,364,021
<u>1 9 3 9</u>				
Vegetable products	6,981,797	3,976,881	2,309,090	13,267,768
Animal products	3,537,459	1,661,462	838,644	6,037,565
Textiles and textile products	40,000	83,530	182,307	305,837
Wood and paper products	2,915,684	563,529	853,822	4,333,035
Iron and steel products	1,954,500	1,124,395	401,414	3,480,309
Non-ferrous metal products 1/ Non-metallic mineral products	3,662,072	2,151,120	477,577	6,290,769
Chemicals and chemical products ..	249,323	145,632	107,472	502,427
Miscellaneous products	31,693	8,628	4,474	44,795
TOTAL	21,286,640	9,891,365	6,476,090	37,654,095

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1939

Table 22. - Power Equipment by Groups of Industries, Province of Saskatchewan, 1939 and Totals for Representative Years, 1925 - 1938

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 estab- lishment 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 ..	11,685	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
	1938 ..	11,290	2,556	80	35,223	49,149	124	35,347
<u>ORDINARILY IN USE</u>								
<u>1939</u>								
Vegetable products		1,760	1,360	-	8,853	11,973	3	8,856
Animal products		719	10	-	4,687	5,416	-	4,687
Textiles and textile products		-	-	-	54	54	-	54
Wood and paper products		6,172	1,509	-	2,250	9,931	-	2,250
Iron and steel products		621	-	-	1,606	2,227	-	1,606
Non-ferrous metal products		-	-	-	19,423	19,423	-	19,423
Non-metallic mineral products		1,425	489	-	3,237	5,151	91	3,328
Chemicals and chemical products ...		-	-	-	247	247	-	247
Miscellaneous products		-	-	-	9	9	-	9
TOTAL MANUFACTURING INDUSTRIES .		10,697	3,368	-	40,366	54,431	94	40,460
<u>IN RESERVE OR IDLE</u>								
Vegetable products		177	5	-	555	737	-	555
Animal products		342	5	-	466	813	-	466
Textiles and textile products		-	-	-	-	-	-	-
Wood and paper products		335	63	-	15	413	-	15
Iron and steel products		380	-	-	110	490	-	110
Non-ferrous metal products		-	-	-	113	113	-	113
Non-metallic mineral products		100	2	-	360	462	-	360
Chemicals and chemical products ...		-	-	-	12	12	-	12
Miscellaneous products		-	-	-	-	-	-	-
TOTAL MANUFACTURING INDUSTRIES .		1,334	75	-	1,631	3,040	-	1,631

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1939

Table 23. - Fuel and Electricity Consumed in the Manufacturing Industries of Saskatchewan, by Groups of Industries, 1939 and Totals for Representative Years, 1925 - 1938

Groups of Industries	Bituminous Coal		Anthra- cite	Lignite	Coke	Gasoline	Kerosene and Fuel Oil	Wood	Gas	Other Fuel	Total Cost of Fuel	Total Cost of Electricity
	Short Ton	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total - All Industries, 1925 .	18,416	136,335	7,062	152,979	7,240	15,766	257,206	30,913	65,359	19,216	692,076	201,791
1929 .	40,588	281,078	7,664	176,804	78,273	11,340	220,155	35,598	177,031	9,442	997,385	364,702
1933 .	18,492	98,405	4,781	132,134	72,058	6,598	103,696	50,187	54,905	19,807	542,571	414,152
1935 .	12,752	76,928	4,092	160,217	30,121	6,108	160,387	59,331	41,874	17,626	556,684	451,447
1936 .	16,524	91,458	1,363	160,439	18,429	7,136	194,015	57,393	66,430	19,278	615,941	491,917
1937 .	30,807	201,408	679	187,977	5,133	13,622	260,598	63,407	84,910	10,626	828,360	525,870
1938 .	31,074	204,996	13,700	130,602	3,652	27,430	325,927	62,475	133,021	14,482	916,265	530,697
<u>1939</u>												
Vegetable products	4,801	27,790	2,049	53,752	2,592	4,661	17,988	34,663	351	7,819	151,665	250,428
Animal products	3,264	15,554	181	80,298	-	2,265	89	19,662	1,028	2,805	121,882	117,276
Textiles and textile products .	31	221	-	-	-	-	-	23	-	-	244	1,210
Wood and paper products	3,086	18,170	294	2,065	-	7,626	3,371	5,708	186	6,687	44,107	59,742
Iron and steel products	177	1,577	75	70	2,230	69	36,663	1,493	-	-	42,177	28,952
Non-ferrous metal products ..	26,961	203,558	-	-	-	-	864	350	43	-	204,815	56,595
Non-metallic mineral products .	1,389	9,574	-	2,977	5,793	1,114	257,769	551	132,223	741	410,742	84,988
Chemicals and chemical products	331	2,659	-	-	-	4	-	6	-	-	2,669	7,118
Miscellaneous industries	-	-	-	85	-	-	-	63	-	-	148	423
TOTAL MANUFACTURING INDUSTRIES.	40,040	279,103	2,599	139,247	10,615	15,739	316,744	62,519	133,831	18,052	978,449	606,732

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, 1938 and 1939

SECTION 4. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

The Census of Manufactures received reports from 961 establishments in Alberta in 1939. These establishments reported a gross value of production of \$87,474,080, a capital investment in fixed and current assets of \$73,284,225 and a payroll of 12,712 persons who received \$14,977,700 in salaries and wages. They also spent \$53,151,149 for materials and \$1,704,778 for fuel and electricity, leaving \$32,618,153 as the value added by manufacture.

The level of manufacturing production in 1939 was slightly higher than in the previous year. Compared with 1938 there were increases of \$798,580 or .9 per cent in the gross value of production, 28 or .2 per cent in the number of employees, \$609,911 or 4.2 per cent in the amount of salaries and wages paid and \$1,862,527 or 6.1 per cent in the value added by manufacture.

Manufactures based on animal products, with a value of production of \$32,428,072 formed the most important industrial group in 1939. This was followed by manufactures of vegetable products with an output valued at \$24,732,783. The non-metallic mineral products group came third with a production of \$13,541,250, followed by wood and paper products with \$8,352,904, iron and steel products \$5,095,424, etc. The principal statistics of the major industrial groups are given in Table 26.

Slaughtering and meat packing, with an output valued at \$22,645,076 in 1939, was again the leading industry of the Province. This was followed by petroleum products with \$10,291,323, flour and feed mills \$9,932,836, butter and cheese \$8,717,696, 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 \$32,659,913 was of major importance. Edmonton came next with an output of \$29,871,108. 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, 1939

Table 24. - Principal Statistics of the Manufacturing Industries of the Province of Alberta, 1930 - 1939

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.	\$	\$	\$	\$
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
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080

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 1938 and 1939

Items	1938	1939	+ Increase - Decrease
Establishments reporting No.	970	961	- 9
Capital invested \$	69,192,348	73,284,225	+ 4,091,877
Employees on salaries -			
Male No.	2,558	2,582	+ 24
Female No.	500	477	- 23
Total salaries \$	4,659,309	4,841,330	+ 182,021
Employees on wages -			
Male No.	8,540	8,597	+ 57
Female No.	1,086	1,056	- 30
Total wages \$	9,708,480	10,136,370	+ 427,890
Power equipment H.P.	76,968	79,566	+ 2,598
Cost of fuel and electricity .. \$	1,574,280	1,704,778	+ 130,498
Cost of materials used \$	54,345,594	53,151,149	- 1,194,445
Gross value of production \$	86,675,500	87,474,080	+ 798,580
Net value of production 1/ .. \$	30,755,626	32,618,153	+ 1,862,527

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

Table 26. - Principal Statistics by Groups of Industries, Province of Alberta, 1938 and 1939

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>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	25,894,974
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	1,727,226
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	7,018,083	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	30,755,626	86,675,500
<u>1939</u>											
Vegetable products	322	21,815,157	644	119	1,154,788	1,796	248	2,035,409	13,365,689	10,956,405	24,732,783
Animal products	150	14,234,896	722	138	1,345,674	1,930	288	2,494,790	25,382,947	6,711,421	32,428,072
Textiles and textile products ...	20	1,268,243	75	31	214,946	93	345	305,123	900,849	870,890	1,780,639
Wood and paper products	344	8,879,172	694	136	1,143,303	1,989	141	1,906,837	3,160,098	5,065,091	8,352,904
Iron and steel products	42	9,677,522	206	16	421,415	1,572	-	1,984,782	2,369,626	2,550,784	5,095,424
Non-ferrous metal products	7	347,031	13	2	32,757	39	-	40,483	170,265	161,726	338,048
Non-metallic mineral products ...	46	16,002,876	168	25	397,161	1,027	13	1,211,308	7,350,835	5,570,317	13,541,250
Chemicals and chemical products ..	17	624,253	31	6	55,205	57	4	55,085	238,282	379,069	629,456
Miscellaneous products	13	435,075	29	4	76,081	94	17	102,553	212,558	352,450	575,504
TOTAL	961	73,284,225	2,582	477	4,841,330	8,597	1,056	10,136,370	53,151,149	32,618,153	87,474,080

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Table 27. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Vegetable Products	322	21,815,157	644	119	1,154,788
Aerated and mineral waters ...	19	837,755	38	6	71,178
Biscuits, confectionery, cocoa, etc.	3	311,573	51	2	67,173
Bread and other bakery products	160	2,245,451	151	51	217,056
Breweries	5	4,516,698	54	4	150,263
Coffee, tea and spices	7	223,451	17	6	31,335
Flour and feed mills	90	5,434,230	264	33	426,935
Foods, breakfast	8	32,710	13	2	12,426
Foods, stock and poultry	12	228,602	16	8	30,462
Foods, miscellaneous	3	25,212	5	-	5,200
Fruit and vegetable preparations	4	273,997	10	3	17,195
All other industries	5	7,685,478	45	4	125,567
Animal Products	150	14,234,896	722	138	1,345,674
Butter and cheese	111	4,355,816	253	63	404,152
Dairy products, other	4	270,870	14	4	29,725
Fur goods	8	142,017	3	4	8,035
Leather tanneries	7	48,089	5	-	6,765
Miscellaneous leather goods ..	5	79,874	5	-	7,795
Slaughtering and meat packing .	12	9,180,618	434	67	877,436
All other industries	3	177,612	8	-	11,766
Textiles and Textile Products ..	20	1,268,243	75	31	214,946
Awnings, tents and sails	4	84,176	4	1	6,130
Clothing, men's factory (inclu- ding furnishings)	5	843,797	39	15	144,606
Clothing, women's factory ...	4	96,385	8	6	27,566
Hosiery and knitted goods ...	4	140,195	18	7	31,501
All other industries	3	103,690	6	2	5,143
Wood and Paper Products	344	8,879,172	694	136	1,143,303
Boxes, wooden	5	392,698	23	1	71,730
Engraving, stereotyping and electrotyping	5	67,215	8	2	14,310
Furniture	11	192,994	21	1	22,680
Miscellaneous wooden products .	4	22,872	4	-	3,186
Planing mills, sash and door factories	20	655,396	32	7	42,033
Printing and bookbinding	50	1,524,546	93	14	173,007
Printing and publishing	91	3,034,742	369	104	679,141
Sawmills	144	1,430,967	125	5	101,175
All other industries	14	1,557,742	19	2	36,041

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in each Group, Province of Alberta, 1939

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
1,796	248	2,055,409	410,689	13,365,689	10,956,405	24,732,783
118	8	123,235	10,948	323,158	623,972	958,078
44	68	83,953	7,744	277,902	371,525	657,171
572	106	714,544	84,894	1,580,304	1,844,080	3,509,278
179	1	254,844	33,399	1,123,912	1,695,355	2,852,666
12	8	16,077	2,147	263,372	91,730	357,249
429	6	415,044	158,193	6,439,800	3,354,843	9,932,836
8	4	7,363	1,336	35,290	30,248	66,874
38	4	27,086	8,053	141,806	83,284	233,143
3	2	2,164	545	22,662	8,147	29,354
37	23	40,174	4,630	186,225	191,838	382,693
356	18	350,925	98,800	2,971,258	2,683,383	5,753,441
1,930	288	2,494,790	333,704	25,382,947	6,711,421	32,428,072
619	66	692,790	120,659	6,039,939	2,557,098	8,717,696
21	2	28,345	5,555	121,620	183,109	310,284
12	20	27,269	662	49,018	65,808	115,488
9	1	8,490	2,159	19,252	19,200	40,611
16	11	17,079	246	41,892	25,970	68,108
1,226	172	1,683,893	196,254	18,752,679	3,696,143	22,645,076
27	16	36,924	8,169	358,547	164,093	530,809
93	345	305,123	8,900	900,849	870,890	1,780,639
11	6	16,708	913	35,607	36,704	73,224
57	230	205,429	4,795	659,650	623,850	1,288,305
8	52	40,630	778	97,790	89,208	187,776
5	47	26,866	1,110	58,135	93,228	152,471
12	10	15,490	1,304	49,657	27,902	78,863
1,989	141	1,906,837	127,715	3,160,098	5,065,091	8,352,904
162	-	143,676	10,640	224,828	273,896	509,364
14	2	23,451	641	11,001	53,338	64,980
60	12	55,553	3,164	121,306	120,218	244,688
3	-	1,145	177	10,009	9,955	20,141
175	-	178,899	15,243	317,196	365,806	698,245
232	68	343,766	15,571	317,299	701,121	1,033,991
326	18	514,160	40,252	475,295	2,212,592	2,728,139
876	36	517,101	20,049	595,924	999,520	1,615,493
141	5	129,086	21,978	1,087,240	328,645	1,437,863

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	42	9,677,522	206	16	421,415
Automobile supplies	8	160,699	8	4	19,339
Castings and forgings	8	581,975	24	1	40,317
Heating and cooking apparatus ..	3	55,635	5	1	8,553
Machinery	3	579,592	33	4	63,349
Railway rolling-stock	3	7,102,614	83	-	201,130
Sheet metal products	12	617,744	27	3	38,441
All other industries	5	579,263	26	3	50,286
Non-ferrous Metal Products	7	347,031	13	2	32,757
Electrical apparatus and supplies	4	76,865	5	2	9,591
All other industries	3	270,166	8	-	23,166
Non-metallic Mineral Products ..	46	16,002,876	168	25	397,161
Cement products	7	128,322	12	1	30,607
Clay products from domestic clay	10	2,153,477	31	2	65,246
Lime	3	171,859	3	1	7,350
Miscellaneous non-metallic mineral products	3	48,550	5	-	9,675
Petroleum products	11	6,849,617	81	12	206,202
Stone, monumental and ornamental	7	260,621	13	4	21,424
All other industries	5	6,390,430	23	5	56,657
Chemicals and Chemical Products ..	17	624,253	31	6	55,205
Medicinal and pharmaceutical preparations	3	31,053	5	1	7,394
Miscellaneous chemical products.	5	31,895	3	-	2,180
Soaps, washing compounds, etc. .	6	154,236	11	1	19,689
All other industries	3	407,069	12	4	25,942
Miscellaneous Products	13	435,075	29	4	76,081
Signs, electric - neon and other	6	171,213	15	1	40,688
All other industries	7	263,862	14	3	35,393
TOTAL	961	73,284,225	2,582	477	4,841,330

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each Group, Province of Alberta, 1939 - (Concluded)

Employees on Wages			Cost of Fuel and Electricity	Cost of Materials Used	Value of Products	
Male	Female	Wages			Net	Gross
No.	No.	\$	\$	\$	\$	\$
1,572	-	1,984,782	175,014	2,369,626	2,550,784	5,095,424
58	-	58,140	3,651	74,222	116,773	194,646
134	-	125,149	8,021	94,264	252,539	354,824
8	-	4,324	863	23,004	10,749	34,616
90	-	93,042	14,737	218,493	114,489	347,719
1,140	-	1,553,049	137,819	1,594,589	1,708,501	3,440,909
77	-	68,254	3,808	175,232	139,103	318,143
65	-	82,824	6,115	189,822	208,630	404,567
39	-	40,483	6,057	170,265	161,726	338,048
19	-	17,972	1,810	33,765	54,645	90,220
20	-	22,511	4,247	136,500	107,081	247,828
1,027	13	1,211,308	620,098	7,350,835	5,570,317	13,541,250
51	1	43,473	3,029	144,372	91,032	238,433
230	-	183,835	32,077	1,725	427,277	461,079
21	-	21,681	10,559	10,000	88,073	108,632
12	-	8,116	1,499	13,305	35,747	50,551
387	1	513,414	331,079	6,277,687	3,682,557	10,291,323
29	-	30,137	3,272	48,223	103,307	154,802
297	11	410,652	238,583	855,523	1,142,324	2,236,430
57	4	55,085	12,105	238,282	379,069	629,456
3	-	1,996	388	9,495	10,066	19,949
4	-	1,560	176	15,308	9,598	25,082
24	3	25,125	5,138	129,512	155,045	289,695
26	1	26,404	6,403	83,967	204,360	294,730
94	17	102,553	10,496	212,558	352,450	575,504
37	1	40,378	7,158	27,150	177,005	211,313
57	16	62,175	3,338	185,408	175,445	364,191
8,597	1,056	10,136,370	1,704,778	53,151,149	32,618,153	87,474,080

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

Table 28. - Principal Statistics of the Leading Industries of Alberta, 1939

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	12	9,180,618	1,899	2,561,329	18,752,679	22,645,076
2. Petroleum products	11	6,849,617	481	719,616	6,277,687	10,291,323
3. Flour and feed mills	90	5,434,230	732	841,979	6,439,800	9,932,836
4. Butter and cheese	111	4,335,816	1,001	1,096,942	6,039,939	8,717,696
5. Bread and other bakery products ...	160	2,245,451	880	931,600	1,580,304	3,509,278
6. Railway rolling-stock	3	7,102,614	1,223	1,754,179	1,594,589	3,440,909
7. Breweries	5	4,516,698	238	405,107	1,123,912	2,852,666
8. Printing and publishing	91	3,034,742	817	1,193,301	475,295	2,728,139
9. Sawmills	144	1,430,967	1,042	618,276	595,924	1,615,493
10. Clothing, men's factory	5	843,797	341	350,035	659,660	1,288,305
11. Printing and bookbinding	50	1,524,546	407	516,773	317,299	1,033,991
12. All other leading industries 1/ ..	6	9,979,428	688	822,411	4,253,637	7,649,821
TOTAL, LEADING INDUSTRIES	688	56,478,524	9,749	11,811,548	48,110,725	75,705,533
TOTAL, ALL INDUSTRIES	961	73,284,225	12,712	14,977,700	53,151,149	87,474,080

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

Table 29. - Cities, Towns and Villages in the Province of Alberta having Three or More Establishments, 1939

Cities, Towns and Villages	Estab-lish-ments	Capital Invested	Wage-earners		Total Wages	Total Em-ployees	Total Salar-ies and Wages	Cost of Fuel and Electricity	Cost of Materials Used	Gross Value of Production
			Male	Female						
	No.	\$	No.	No.	\$	No.	\$	\$	\$	\$
Calgary	191	26,651,733	2,845	352	3,852,195	4,225	5,718,341	707,125	19,651,198	32,659,913
Edmonton	179	20,611,030	2,902	527	3,808,370	4,455	5,566,986	399,898	19,893,319	29,871,108
Medicine Hat	22	4,940,551	423	5	373,622	577	621,785	50,843	2,890,996	4,787,331
Lethbridge	31	2,635,488	268	34	321,209	413	506,726	44,224	1,152,061	2,887,227
Raymond	4	3,465,269	182	9	172,711	213	231,466	37,686	1,054,607	2,366,143
Redcliffe	5	1,879,426	200	11	260,160	234	310,122	81,097	498,496	1,055,556
Alix	3	227,076	53	2	45,432	71	64,399	11,851	453,254	714,107
Coleman	3	14,900	34	1	58,495	39	62,635	2,952	292,555	393,857
Wetaskiwin	6	123,170	24	1	26,477	35	36,673	5,561	227,347	326,650
Taber	4	222,663	35	23	37,375	72	51,525	4,596	176,243	323,427
Camrose	7	150,521	23	1	22,320	40	49,356	4,897	175,707	310,124
Red Deer	10	168,751	20	5	25,709	42	53,936	5,958	162,361	284,223
Viking	5	80,674	11	-	9,807	19	21,836	3,004	169,707	229,035
Sedgewick	3	44,330	8	-	8,189	14	14,503	1,727	158,880	206,050
Vegreville	6	58,778	12	-	11,954	19	17,842	5,995	119,780	183,049
Stettler	7	104,496	11	1	10,048	25	21,809	3,394	95,790	158,847
Fonoka	6	54,660	11	-	9,228	18	19,562	2,821	99,428	143,717
Gladsbury	6	36,162	7	1	5,065	15	10,106	2,426	109,818	134,236
Vermilion	4	68,874	13	1	14,296	18	18,984	5,320	83,042	127,238
Tofield	4	24,860	2	-	1,437	7	5,797	962	97,571	124,190
Leduc	6	22,344	7	1	4,525	16	11,388	2,298	84,361	120,811
Peace River	7	93,236	12	-	8,420	21	15,480	2,218	57,999	117,774
Vilna	4	50,438	3	-	3,105	7	5,893	2,291	76,233	111,919
Westlock	3	11,453	7	-	4,121	10	7,370	1,318	81,965	110,624
Olde	5	40,287	5	-	2,946	13	11,571	1,964	68,693	104,132
Wainwright	3	215,815	9	1	8,018	19	16,912	6,637	49,080	100,647
Grand Prairie	8	136,821	29	-	21,971	40	29,864	3,430	55,900	99,901
Coronation	4	28,508	6	1	4,817	12	11,153	2,385	70,088	99,135
Drumheller	7	87,222	21	3	21,917	34	32,557	2,652	41,919	96,934
Hanna	3	30,847	7	1	6,031	14	10,879	2,316	62,392	88,173
Castor	4	64,183	7	-	4,960	10	8,420	1,891	63,040	85,354
Innisfail	3	27,485	7	-	5,603	12	10,626	1,481	58,085	83,002
Rocky Mountain House ..	4	20,236	19	3	13,658	23	18,023	1,029	52,798	80,289
Bonnyville	4	21,690	5	1	2,369	9	5,861	1,048	57,992	70,294
High River	4	33,145	6	1	6,466	15	13,666	1,603	30,849	65,112
Eckville	4	25,183	3	2	1,832	10	6,172	1,104	47,084	63,186
Pincher Creek	4	31,355	14	3	7,586	21	11,305	994	35,161	62,645
Macleod	4	53,816	3	3	21,312	36	23,852	835	29,173	60,783
Lacombe	4	27,422	3	1	3,559	10	10,009	1,168	35,423	56,510
Bashaw	3	40,352	4	-	3,974	8	10,031	1,134	41,732	56,189
Athabaska	6	27,014	9	-	3,242	18	8,469	1,110	39,684	55,295
Mannville	3	6,355	2	-	864	6	3,138	1,050	41,209	54,242
Cardston	3	73,101	4	-	3,836	7	8,096	1,707	30,314	52,919
Strathmore	3	22,315	3	-	2,633	6	5,973	1,027	32,630	49,984
Blairmore	4	69,613	6	1	7,716	13	13,015	2,287	18,796	47,211
Risby	4	17,750	2	2	1,958	8	5,630	767	31,110	45,018
Cochrane	3	12,084	7	-	5,474	12	7,974	761	26,175	44,112
Clareholm	3	34,775	5	1	4,496	9	9,996	1,476	21,898	42,080
St. Paul de Metis ..	3	21,833	3	1	767	10	3,640	1,574	25,861	39,623
Edson	4	26,520	20	2	12,060	24	13,650	2,520	16,430	39,533
Nanton	4	32,998	2	-	1,284	6	4,728	1,348	25,012	35,098
Vulcan	3	38,283	2	-	1,353	4	3,143	1,733	18,441	35,071
Magrath	4	80,035	7	2	5,105	15	8,307	1,484	21,684	34,808
Andrew	3	21,307	1	-	330	5	2,020	1,321	23,782	33,925
Barrhead	3	18,175	2	-	1,236	5	3,436	530	20,697	31,028
Smoky Lake	3	11,350	2	-	943	5	1,213	1,574	20,215	29,840
Okotoks	4	14,832	2	-	462	6	4,002	749	19,981	28,974
Stony Plain	3	11,193	2	-	1,676	4	3,226	636	15,740	27,733
Sylvan Lake	3	15,125	1	1	800	6	4,650	1,433	15,297	23,948
Brooks	4	17,654	4	-	2,130	8	5,180	1,250	8,813	17,860
Lac La Biche	3	4,704	2	-	582	5	1,882	339	9,036	13,432
Trochu	3	11,000	1	1	560	6	2,410	441	5,010	10,743
Provost	3	13,937	2	1	684	6	3,149	654	3,324	10,004
Fairview	3	12,440	7	1	1,860	9	2,060	796	3,823	7,753
Alliance	3	9,002	3	-	721	6	2,720	294	2,551	6,909

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

Table 30. - Capital Invested in the Manufacturing Industries of the Province of Alberta, 1939 and Totals for Representative Years, 1925 - 1938

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.	
	\$	\$	\$	\$
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
1938 .	45,596,431	14,772,833	8,823,034	69,192,348
<u>1 9 3 9</u>				
Vegetable products	12,850,847	6,019,343	2,944,967	21,815,157
Animal products	8,034,336	4,114,149	2,086,411	14,234,896
Textiles and textile products ...	541,262	418,168	308,813	1,268,243
Wood and paper products	6,488,756	1,209,705	1,180,711	8,879,172
Iron and steel products	7,565,276	1,470,304	641,942	9,677,522
Non-ferrous metal products	152,701	78,204	116,126	347,031
Non-metallic mineral products ...	11,709,362	3,321,393	972,121	16,002,876
Chemicals and chemical products ...	313,950	149,800	160,503	624,253
Miscellaneous products	265,069	66,349	103,657	435,075
TOTAL	47,921,559	16,847,415	8,515,251	73,284,225

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

Table 31. - Power Equipment by Groups of Industries, Province of Alberta, 1939 and Totals for Representative Years, 1925 - 1938

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 estab- lishment 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
	1938 ..	25,990	5,043	12	45,923	76,968	4,254	50,177
		<u>ORDINARILY IN USE</u>						
1939								
Vegetable products		7,421	2,037	-	9,241	18,699	3,749	12,990
Animal products		2,609	94	-	7,633	10,336	150	7,783
Textiles and textile products		-	-	-	245	245	-	245
Wood and paper products		10,344	1,907	-	5,333	17,584	103	5,436
Iron and steel products		25	100	-	8,854	8,979	-	8,854
Non-ferrous metal products		-	-	-	188	188	-	188
Non-metallic mineral products		3,952	1,435	-	10,773	16,160	267	11,040
Chemicals and chemical products ...		7	16	-	358	381	-	358
Miscellaneous products		-	4	-	186	190	-	186
TOTAL MANUFACTURING INDUSTRIES .		24,358	5,593	-	42,811	72,762	4,269	47,080
		<u>IN RESERVE OR IDLE</u>						
Vegetable products		67	135	-	1,518	1,720	-	1,518
Animal products		400	2	-	745	1,147	-	745
Textiles and textile products		-	-	-	2	2	-	2
Wood and paper products		514	313	12	280	1,119	-	280
Iron and steel products		25	-	-	35	60	-	35
Non-ferrous metal products		-	-	-	5	5	-	5
Non-metallic mineral products		420	246	-	1,960	2,626	-	1,960
Chemicals and chemical products ...		-	-	-	-	-	-	-
Miscellaneous products		-	-	-	125	125	-	125
TOTAL MANUFACTURING INDUSTRIES .		1,426	696	12	4,670	6,804	-	4,670

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1939

Table 32. - Fuel and Electricity Consumed in the Manufacturing Industries of Alberta, by Groups of Industries, 1939 and

Totals for Representative Years, 1925 - 1938

Groups of Industries	Bituminous Coal		Anthra- cite	Lignite	Coke	Gasoline	Kerosene and Fuel Oil	Wood	Gas	Other Fuel	Total Cost of Fuel	Total Cost of Electricity
	Short Ton	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total - All Industries, 1925 .	+141,224	469,271	12,706	162,146	36,645	19,524	78,282	28,734	113,075	11,173	931,556	380,022
1929 .	137,097	510,225	348	138,207	23,427	14,674	83,711	31,264	382,244	9,787	1,193,887	447,465
1933 .	80,093	178,712	2,097	107,797	11,573	10,168	53,772	22,066	253,602	9,643	649,430	443,180
1935 .	83,525	208,978	765	138,554	13,302	17,613	69,516	23,047	315,393	17,369	804,537	494,625
1936 .	88,595	210,461	705	138,142	11,409	17,724	71,846	22,266	364,060	9,342	845,955	521,890
1937 .	89,829	228,347	525	128,988	11,278	26,372	48,860	23,836	374,398	10,907	853,511	549,864
1938 .	88,040	220,100	406	164,225	12,202	33,152	105,825	25,883	436,268	15,062	1,013,123	561,157
<u>1939</u>												
Vegetable products	13,111	27,219	530	54,002	10,714	12,040	7,228	10,567	111,837	79	234,216	176,473
Animal products	36,191	60,286	-	54,964	-	1,909	404	6,789	74,011	6,071	204,434	129,270
Textiles and textile products .	617	1,690	-	-	-	-	-	-	2,535	-	4,225	4,675
Wood and paper products	3,648	10,123	296	2,365	-	12,171	4,044	1,768	23,612	4,963	59,342	68,373
Iron and steel products	14,919	39,678	280	54,419	150	3,147	10,283	162	9,414	1,108	118,641	56,373
Non-ferrous metal products ...	-	-	-	-	147	-	-	-	4,143	6	4,296	1,761
Non-metallic mineral products .	26,685	112,103	-	22	-	3,293	37,152	3,197	322,918	308	478,993	141,105
Chemicals and chemical products	79	315	-	50	-	186	25	72	1,876	2,620	5,144	6,961
Miscellaneous industries	249	649	12	8	-	837	-	-	1,062	-	2,568	7,928
TOTAL MANUFACTURING INDUSTRIES.	95,499	252,063	1,118	165,830	11,011	33,583	59,136	22,555	551,408	15,155	1,111,859	592,919

+ Includes a small quantity of 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, 1938 and 1939.

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