

~~31-10-24~~

31-10-24

Handwritten signature

02



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

MANUFACTURING INDUSTRIES
OF THE
PRAIRIE PROVINCES
1934

Published by Authority of the HON. W.D. EULER, M.P.,
Minister of Trade and Commerce.

OTTAWA
1936

TABLE OF CONTENTS

	<u>Pages</u>
Section 1. - Manufacturing Industries of the Prairie Provinces	1 - 4
Section 2. - Manufacturing Industries of the Province of Manitoba	5 - 23
Section 3. - Manufacturing Industries of the Province of Saskatchewan	24 - 37
Section 4. - Manufacturing Industries of the Province of Alberta	38 - 52

.....

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).
Acting Chief, General Manufactures Branch: A. Cohen, B.Com.

SECTION I. - MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1934.

A report on the manufacturing industries of the Prairie Provinces for the year 1934 is presented herewith.

This report is divided into four sections. Section I deals with the three provinces as a group and the tables included therein review the principal statistics of the group from 1926 to 1934, together with statistics of the leading industries and leading cities and towns in 1934. 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 was materially stimulated in 1934. Compared with the previous year there was an increase of \$34,758,086 or 19 per cent in the gross value of production, 1,967 or 5.3 per cent in the number of persons employed, \$2,423,957 or 6.5 per cent in the amount of salaries and wages paid, \$26,022,796 or 27.9 per cent in the cost of materials used and \$5,315,641 or 1.5 per cent in the capital invested.

Of the three Prairie Provinces, Alberta made the greatest advance in gross value of products and salaries and wages paid, while Saskatchewan led in employment. The increases in employment and production for the Prairie Provinces and Canada are given in the table following.

Increases in 1934 as compared with 1933.

	Number of Employees	Salaries and Wages Paid	Gross Value of Products
	p.c.	p.c.	p.c.
CANADA	10.4	14.6	21.4
Manitoba	4.7	6.4	15.3
Saskatchewan	6.6	3.8	16.7
Alberta	5.2	8.1	27.0

Establishments reporting in 1934 numbered 2,890 with a capital investment of \$348,331,561. These plants furnished employment to 39,274 persons who received \$39,890,718 in salaries and wages, and produced goods with a gross selling value at the factory of \$217,008,841. The amount paid out for materials totalled \$119,390,136, while the value added by manufacture amounted to \$92,299,967. For changes in the method of computing the value added by manufacture, see note on page 6.

From the standpoint of value of production, slaughtering and meat packing again led all industries in 1934 with an output valued at \$38,973,433. This was followed by flour and feed mills with a production of \$29,753,025. These two

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1934.

industries accounted for over 31 per cent of the total production of the Prairie Provinces. Other leading industries, in the order named, are: butter and cheese, petroleum products, central electric stations, railway rolling stock, etc. The principal statistics of the leading industries are reviewed in table 2.

The principal statistics of the leading cities and towns are given in table 3. The City of Winnipeg with an output of \$60,860,444 is the most important manufacturing centre. Calgary with an output of \$25,293,375 comes next. Other important cities, in the order named, are: Edmonton, St. Boniface, Moose Jaw, Regina, Saskatoon, etc.

Table 1. - Principal Statistics of the Prairie Provinces Compared for the Years 1926 to 1934.

Year	Estab-lish-ments No.	Capital Invested \$	Em-ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
1926	2,220	233,857,270	36,338	46,179,949	153,955,096	263,252,180
1927	2,356	271,425,025	39,999	49,727,230	161,219,235	278,190,097
1928	2,386	296,533,735	44,166	55,976,092	180,297,184	317,731,838
1929	2,501	339,678,100	48,113	61,057,380	201,899,077	351,066,023
1930	2,532	363,829,575	47,835	60,262,861	163,991,306	299,016,538
1931 ^x	2,609	367,910,780	42,052	52,466,665	113,780,179	231,173,427
1932	2,687	354,450,263	38,964	42,435,765	92,247,846	187,451,377
1933	2,866	343,015,920	37,307	37,466,761	93,367,340	182,250,755
1934	2,890	348,331,561	39,274	39,890,718	119,390,136	217,008,841

^x 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 the change in method of computing the average annual employment of wage-earners. Between 1925 and 1930 the average was obtained by summing the averages of individual plants, based on the number of months in actual operation, and not by dividing by twelve the sum of the monthly employment figures. In 1931, however, a change was made to the old method whereby the aggregate of the monthly figures is divided by twelve. This method gives the man year that each plant operates. The change in method, therefore, affects the average annual employment as well as the average wages paid in seasonal industries, such as fruit and vegetable canning, fish canning, sawmills, etc.

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1934.

Table 2. - Ten Leading Industries of the Prairie Provinces, 1934.

Industries	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing ...	23	16,552,813	3,445	3,830,726	31,224,660	38,973,433
Flour and feed mills	215	27,841,966	1,799	1,819,184	21,791,778	29,753,025
Butter and cheese	248	13,279,223	2,492	2,853,593	12,909,526	19,302,855
Petroleum products	23	12,394,112	857	1,149,016	11,836,895	15,688,582
Central electric stations	249	129,939,126	2,224	3,064,958	-	15,175,275
Railway rolling stock	7	20,618,229	5,627	5,508,891	4,853,187	10,894,945
Printing and publishing	289	9,523,970	2,704	3,621,893	1,351,258	8,114,038
Bread and other bakery products .	472	7,102,858	2,232	1,834,358	3,279,935	6,752,520
Breweries	20	13,438,193	815	1,062,421	1,646,239	6,330,169
Printing and bookbinding	170	5,727,298	1,606	1,823,831	1,322,909	4,041,694
TOTAL, TEN LEADING INDUSTRIES	1,716	256,417,788	23,801	26,568,871	90,216,387	155,026,536
TOTAL, ALL INDUSTRIES	2,890	348,331,561	39,274	39,890,718	119,390,136	217,008,841

Note: - Statistics for non-ferrous metal smelting, which is also one of the leading industries of the Prairie Provinces, cannot be published since there are fewer than three establishments reporting.

MANUFACTURING INDUSTRIES OF THE PRAIRIE PROVINCES, 1934.

Table 3. - Principal Statistics of the Leading Cities and Towns of the Prairie Provinces, 1934.

Note: - Statistics for Cities and Towns do not include figures for Central Electric Stations.

Cities and Towns	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Winnipeg, Manitoba	612	75,513,530	15,745	15,985,206	31,761,326	60,860,444
Calgary, Alberta	160	29,657,531	4,091	4,328,896	16,041,206	25,293,375
Edmonton, Alberta	154	17,383,819	3,573	3,822,881	12,233,785	19,090,729
St. Boniface, Manitoba .	42	10,263,504	1,472	1,619,945	13,691,536	18,858,284
Moose Jaw, Saskatchewan.	37	12,819,319	824	903,029	7,703,026	10,850,639
Regina, Saskatchewan ...	96	11,073,914	1,645	1,859,753	5,664,082	9,298,625
Saskatoon, Saskatchewan.	74	7,568,577	1,124	1,235,356	5,059,449	8,354,448
Medicine Hat, Alberta ..	20	5,437,683	446	459,143	3,171,761	4,449,130
Transcona, Manitoba	3	6,842,774	1,358	1,435,829	2,314,500	4,075,366
Prince Albert, Sask. ...	21	2,281,099	345	345,602	1,534,804	2,293,959
Lethbridge, Alberta	25	2,554,143	304	367,664	725,119	2,277,977
Portage la Prairie, Man.	7	566,726	94	89,541	964,252	1,321,566
Brandon, Manitoba	33	1,409,318	268	236,079	476,484	881,640
Redcliffe, Alberta	6	1,652,426	215	210,412	326,782	808,648
Selkirk, Manitoba	7	1,642,724	278	284,470	204,810	717,887
Yorkton, Saskatchewan ..	11	418,893	54	53,442	285,116	453,750

Raymond, Alberta, and Alix, Alberta, are also important manufacturing centres. Statistics, however, cannot be published as there are less than three establishments.

SECTION 2. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Of the three Prairie Provinces, the Province of Manitoba is the most industrialized. The 1,077 establishments reporting to the Census of Manufactures furnished employment to 21,723 persons and paid salaries and wages totalling \$22,020,990. They also spent \$54,719,469 for materials, and produced goods with a gross selling value at the factory of \$105,358,000, the last being an increase of about 15 per cent over the 1933 total. It may be noted that all items for which figures are given above, show increases over the previous year.

The leading industry was slaughtering and meat packing which had a production value of \$19,736,903 in 1934. Railway rolling stock was next with \$8,038,666, while other industries of importance from the standpoint of value of production were, in the order named: flour and feed mills, butter and cheese and central electric stations.

Statistics by industrial groups for 1933 and 1934 are shown in table 6. Animal products with an output valued at \$29,316,874 led all other groups in 1934. This was followed by vegetable products with a value of production of \$20,783,296, iron and its products \$11,425,496, wood and paper products \$11,347,606, textiles and textile products \$9,414,870, etc.

Table 9 shows the principal statistics of the leading cities and towns with three or more establishments. Winnipeg dominated with a production valued at \$60,860,444, accounting for approximately 61 per cent of the entire output of the Province of Manitoba, exclusive of central electric stations. St. Boniface was in second place with a production of \$18,858,284 or about 19 per cent of the provincial total. Some other cities of importance in the order named were: Transcona, Portage la Prairie, Brandon and Selkirk.

Table 4. - Principal Statistics of the Manufacturing Industries, 1926 to 1934.

Year	Estab-lish-ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
1926	797	127,445,924	21,201	26,973,850	75,000,529	132,718,452
1927	859	151,373,047	23,031	28,934,926	78,862,212	141,441,124
1928	871	159,721,124	25,166	32,569,223	87,347,743	158,498,144
1929	923	173,152,948	26,318	34,158,583	88,055,264	163,806,010
1930	937	188,413,164	26,488	33,941,235	74,761,265	142,424,990
1931 ^x	955	191,935,311	24,193	30,706,209	55,149,392	118,540,865
1932	970	190,545,652	22,255	24,157,589	45,591,099	96,056,029
1933	1,073	179,720,120	20,749	20,699,449	44,697,266	91,408,441
1934	1,077	183,937,703	21,723	22,020,990	54,719,469	105,358,000

^x For explanation of the large decrease in the number of employees, see page 2.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 5. - Principal Statistics of the Province of Manitoba Compared for 1933 and 1934.

Items	1933	1934	+ Increase - Decrease
Establishments reporting No.	1,073	1,077	+ 4
Capital invested \$	179,720,120	183,937,703	+ 4,217,583
Employees on salaries -			
Male No.	3,453	3,534	+ 81
Female No.	888	912	+ 24
Total salaries \$	6,559,477	6,811,494	+ 252,017
Employees on wages -			
Male No.	13,331	14,076	+ 745
Female No.	3,077	3,201	+ 124
Total wages \$	14,139,972	15,209,496	+ 1,069,524
Primary power H.P.	488,724	488,269	- 455
Cost of fuel \$	1,384,779	1,346,724	- 38,055
Cost of electricity \$	717,595	807,142	+ 89,547
Cost of materials used \$	44,697,266	54,719,469	+ 10,022,203
Gross value of products \$	91,408,441	105,358,000	+ 13,949,559
Net value of products ^{1/} \$	44,608,801	48,484,665	+ 3,875,864

Notes: - ^{1/} In accordance with the resolution passed at the Conference of British Commonwealth Statisticians held in 1935, the net value of products is now computed by subtracting the cost of materials, fuel and electricity, from the gross value of products. Prior to this only the cost of materials was deducted.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 6. - Principal Statistics by Groups of Industries, 1933 and 1934.

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on Salaries			Employees on Wages			Cost of Materials Used	Gross Value of Products
			Male	Female	Salaries	Male	Female	Wages		
			No.	No.	\$	No.	No.	\$		
<u>1933</u>										
Vegetable products	253	21,387,594	470	114	848,680	1,736	420	1,764,554	10,850,239	18,144,985
Animal products	146	13,297,982	536	136	898,125	1,972	339	2,264,324	15,180,492	22,425,021
Textiles and textile products	101	5,888,479	203	96	543,292	890	1,752	1,659,773	5,025,223	8,741,717
Wood and paper products	351	14,927,512	882	244	1,658,583	2,191	427	2,632,809	3,808,771	10,824,321
Iron and steel products	47	23,683,629	485	64	1,010,515	4,858	3	4,003,393	4,085,336	10,098,973
Non-ferrous metal products	20	3,761,631	56	14	139,531	281	5	316,271	2,481,682	7,206,575
Non-metallic mineral products	51	13,220,565	119	42	203,079	411	3	364,947	1,251,567	3,280,130
Chemicals and chemical products	36	4,340,212	179	63	316,426	247	85	293,536	1,500,846	3,366,970
Miscellaneous products	26	1,347,389	85	16	176,425	262	43	244,020	513,110	1,111,793
Central electric stations	39	77,865,127	438	99	771,821	483	-	596,345	-	6,207,956
TOTAL	1,073	179,720,120	3,453	888	6,559,477	13,331	3,077	14,139,972	44,697,266	91,408,441
<u>1934</u>										
Vegetable products	257	21,319,506	481	129	872,742	1,818	462	1,826,044	12,879,699	20,783,296
Animal products	148	14,478,488	602	145	1,054,061	2,172	352	2,577,179	21,386,391	29,316,874
Textiles and textile products	95	5,922,792	202	94	529,928	885	1,834	1,752,082	5,783,851	9,414,870
Wood and paper products	355	15,017,083	877	255	1,673,132	2,341	420	2,702,114	3,887,140	11,347,606
Iron and steel products	42	23,006,727	480	67	1,000,261	4,815	2	4,366,510	4,777,089	11,425,496
Non-ferrous metal products	20	4,382,967	65	11	152,733	465	2	281,880	2,215,032	7,588,338
Non-metallic mineral products	51	13,650,088	133	43	236,341	434	11	416,330	1,645,589	4,073,401
Chemicals and chemical products	37	4,869,085	146	55	305,396	300	79	323,016	1,581,713	3,538,731
Miscellaneous products	30	1,938,907	99	17	199,351	316	39	290,205	562,965	1,490,714
Central electric stations	42	77,352,060	449	96	787,549	530	-	674,136	-	6,378,674
TOTAL	1,077	183,937,703	3,534	912	6,811,494	14,076	3,201	15,209,496	54,719,469	105,358,000

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 7. - Principal Statistics of the Leading Industries, 1934.

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-					
	ments			and Wages	Used	Products
	No.	\$	No.	\$	\$	\$
1. Slaughtering and meat packing	8	7,181,831	1,498	1,735,489	15,494,122	19,736,903
2. Railway rolling stock	4	13,899,473	4,103	4,004,353	3,593,560	8,038,666
3. Flour and feed mills	42	7,026,199	526	479,758	5,878,547	7,426,855
4. Butter and cheese	75	5,101,465	1,009	1,274,668	4,444,454	7,076,644
5. Central electric stations	42	77,352,060	1,075	1,461,685	-	6,378,674
6. Printing and publishing	77	3,852,257	1,097	1,540,439	525,565	3,607,382
7. Bags, cotton and jute	5	1,821,062	230	270,332	2,260,878	2,928,992
8. Bread and other bakery products	154	2,886,089	997	836,014	1,377,935	2,880,211
9. Printing and bookbinding	85	3,721,407	1,111	1,265,526	982,950	2,868,252
10. Malt and malt products	5	4,131,719	110	178,887	1,715,292	2,656,221
11. Breweries	6	4,145,878	369	468,589	534,955	2,234,655
12. Coffee, tea and spices	8	1,598,225	168	190,811	1,573,367	2,230,063
13. Furnishing goods, men's	16	923,896	800	527,248	1,333,624	2,014,079
14. Biscuits, confectionery, cocoa and chocolate	21	2,168,263	502	380,778	808,527	1,774,113

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 7. -- Principal Statistics of the Leading Industries, 1934. -- (Concl'd.)

Industries	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-	Invested	ployees	and Wages	Materials	Value of
	ments				Used	Products
	No.	\$	No.	\$	\$	\$
15. Clothing, factory, women's	17	561,107	627	457,807	1,185,674	1,772,152
16. Medicinal and pharmaceutical preparations	7	1,074,311	138	138,348	471,783	1,297,107
17. Dyeing, cleaning and laundry work	22	1,720,513	820	626,711	124,124	1,286,084
18. Fur goods	27	895,625	313	271,523	722,596	1,173,773
19. Boxes and bags, paper	7	1,226,899	232	250,250	662,740	1,144,879
20. Petroleum products	3	464,835	46	61,136	818,278	1,142,254
21. Coke and gas products	3	5,568,010	159	196,750	449,187	1,132,998
TOTAL, LEADING INDUSTRIES ..	634	147,321,124	15,930	16,617,102	44,958,158	80,800,957
TOTAL, ALL INDUSTRIES	1,077	183,937,703	21,723	22,020,990	54,719,469	105,358,000

NOTE: -- Statistics for non-ferrous metal smelting, which is also one of the leading industries of this Province, cannot be published since there are fewer than three establishments reporting.

MANUFACTURING INDUSTRIES OF THE

Table 8. - Principal Statistics of

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Vegetable Products	257	23,319,506	481	129	872,742
Biscuits, confectionery, cocoa and chocolate	21	2,168,263	91	19	163,061
Bread and other bakery products ..	154	2,886,089	99	50	128,771
Breweries	6	4,145,878	85	13	215,285
Coffee, tea and spices	8	1,598,225	38	19	92,992
Flour and feed mills	42	7,026,199	105	14	153,275
Foods, stock and poultry	3	21,162	3	1	3,060
Foods, miscellaneous	4	188,248	9	4	15,851
Fruit and vegetable preparations ..	5	333,777	21	4	29,773
Malt and malt products	5	4,131,719	20	2	54,473
All other industries	9	819,946	10	3	16,201
Animal Products	148	14,478,488	602	145	1,054,061
Boots and shoes, leather	5	184,314	11	--	10,789
Butter and cheese	75	5,101,465	188	77	316,863
Fur goods	27	895,625	34	14	65,791
Gloves and mittens, leather	4	228,473	24	6	36,889
Leather tanneries	3	104,020	5	1	5,349
Miscellaneous leather goods	14	322,445	12	2	11,002
Sausage and sausage casings	7	117,803	9	1	12,934
Slaughtering and meat packing	8	7,181,831	304	39	568,670
All other industries	5	342,512	15	5	25,774
Textiles and Textile Products	95	5,922,792	202	94	529,928
Awnings, tents and sails	5	23,183	6	2	4,845
Bags, cotton and jute	5	1,821,062	23	6	94,486
Clothing, factory, men's	8	162,249	16	2	30,110
Clothing, factory, women's	17	561,107	32	17	94,035
Dyeing, cleaning and laundry work.	22	1,720,513	45	34	114,162
Furnishing goods, men's	16	923,896	35	17	102,527
Hats and caps	13	225,638	23	7	40,116
Hosiery and knitted goods	6	454,709	18	8	42,687
All other industries	3	30,435	4	1	6,960
Wood and Paper Products	355	15,017,083	877	255	1,673,132
Boxes and bags, paper	7	1,226,899	43	13	105,287
Boxes, wooden	10	458,518	19	4	29,067
Carriages, wagons and sleighs	3	192,677	8	1	10,095
Coffins and caskets	4	368,161	16	1	27,115
Cooperage	3	49,474	3	--	2,796
Engraving, stereotyping and electrotyping	6	344,828	28	8	93,958

PROVINCE OF MANITOBA, 1934.

the Industries in Each Group, 1934.

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
1,818	462	1,826,044	12,879,699	7,353,374	20,783,296
176	216	217,717	808,527	911,029	1,774,113
779	69	707,243	1,377,935	1,392,367	2,880,211
268	3	253,304	534,955	1,629,948	2,234,655
49	62	97,819	1,573,367	649,354	2,230,063
383	24	326,483	5,878,547	1,408,066	7,426,855
5	-	3,362	54,431	9,923	65,280
10	32	22,426	392,668	145,945	541,011
21	40	36,114	146,960	157,225	307,672
88	-	124,414	1,715,292	799,024	2,656,221
39	16	37,162	397,017	250,493	667,215
2,172	352	2,577,179	21,386,391	7,620,241	29,316,874
44	18	32,820	94,439	55,037	151,120
719	25	957,805	4,444,454	2,516,508	7,076,644
152	113	205,732	722,596	445,463	1,173,773
65	70	73,966	208,699	151,544	362,536
12	4	7,410	29,506	20,225	51,528
67	-	56,141	141,350	167,190	310,718
38	1	33,678	186,114	77,879	269,164
1,034	121	1,166,819	15,494,122	4,073,236	19,736,903
41	-	42,808	65,111	113,159	184,488
885	1,834	1,752,082	5,783,851	3,519,229	9,414,870
5	7	7,009	25,247	21,336	46,942
77	124	175,846	2,260,878	652,648	2,928,992
56	87	93,163	344,343	140,906	487,884
235	343	363,772	1,185,674	578,279	1,772,152
316	425	512,549	124,124	1,096,624	1,286,084
92	656	424,721	1,333,624	669,480	2,014,079
44	80	76,620	238,304	176,900	417,936
28	110	78,753	256,402	151,240	411,496
32	2	19,649	15,255	31,816	49,305
2,341	420	2,702,114	3,887,140	7,285,447	11,347,606
104	72	145,263	662,740	439,010	1,144,879
174	-	109,408	147,875	211,882	371,170
35	-	30,885	65,828	58,718	127,875
33	5	27,405	60,657	112,724	176,568
5	-	3,134	5,998	14,724	20,987
84	20	184,474	32,244	317,664	353,510

MANUFACTURING INDUSTRIES OF

Table 8. Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Wood and Paper Products (Concl'd.)					
Furniture	32	381,226	50	6	62,453
Miscellaneous paper products	4	389,472	19	4	28,652
Miscellaneous wooden products	5	51,719	5	1	3,979
Planing mills, sash and door factories	12	1,713,300	33	4	55,323
Printing and bookbinding	85	3,721,407	192	46	383,592
Printing and publishing	77	3,852,257	385	153	768,050
Sawmills	90	1,013,540	33	2	21,156
Sporting goods	3	6,204	3	-	2,382
All other industries	14	1,247,401	40	12	79,227
Iron and Its Products					
Automobile supplies	4	61,014	6	2	12,650
Castings and forgings	5	1,695,116	32	3	55,596
Machinery	8	814,475	26	10	49,431
Primary iron and steel	4	1,676,263	27	3	74,113
Railway rolling stock	4	13,899,473	230	14	465,412
Sheet metal products	8	1,835,237	33	12	74,704
All other industries	9	3,025,149	126	23	268,355
Non-Ferrous Metal Products					
Brass and copper products	5	449,140	21	1	56,605
Electrical apparatus and supplies ..	9	455,425	35	8	71,364
All other industries	6	3,478,402	9	2	24,764
Non-Metallic Mineral Products					
Aerated and mineral waters	15	485,583	33	8	58,944
Clay products, from domestic clay ..	4	190,129	5	-	9,800
Coke and gas products	3	5,568,010	35	24	73,646
Glass products	3	57,537	6	2	8,016
Lime	4	2,263,212	5	-	8,280
Petroleum products	3	464,835	12	3	25,687
Stone, monumental and ornamental ..	14	251,733	17	4	21,412
All other industries	5	4,369,049	20	2	30,556
Chemicals and Chemical Products					
Gases, compressed	3	282,183	18	4	34,940
Medicinal and pharmaceutical preparations	7	1,074,311	14	18	48,565
Miscellaneous chemical products	8	167,835	8	3	22,198
Paints, pigments and varnishes	4	1,865,336	49	9	89,017

THE PROVINCE OF MANITOBA, 1934.

Industries in Each Group, 1934. - (Cont'd.)

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
139	9	97,587	238,706	243,180	488,106
13	30	35,897	92,894	140,565	234,781
5	-	2,337	15,694	9,227	25,539
133	-	100,748	110,717	220,984	341,469
658	215	881,934	982,950	1,847,103	2,868,252
517	42	772,389	525,565	3,020,545	3,607,382
292	3	147,523	296,241	256,715	559,563
-	-	-	2,608	2,451	5,164
149	24	163,130	646,423	359,955	1,022,361
4,815	2	4,366,510	4,777,089	6,135,874	11,425,496
30	-	20,898	40,009	40,488	82,198
133	-	130,741	82,827	234,108	331,621
103	-	87,280	154,280	271,558	437,029
252	1	212,248	179,048	422,386	708,900
3,859	-	3,538,941	3,593,560	4,121,883	8,038,666
156	1	112,839	288,838	232,575	529,825
282	-	263,563	438,527	812,876	1,297,257
465	2	281,880	2,215,032	5,286,480	7,588,338
57	-	45,470	194,352	211,822	422,237
73	2	44,655	170,657	190,504	370,887
335	-	191,755	1,850,023	4,884,154	6,795,214
434	11	416,330	1,645,589	2,171,350	4,073,401
99	3	94,892	179,109	531,270	718,299
2	-	177	-	37,916	37,916
100	-	123,104	449,187	604,173	1,132,998
10	6	11,565	31,264	32,237	64,038
63	-	51,061	-	131,707	163,608
31	-	35,449	818,278	270,430	1,142,254
33	1	26,293	41,643	66,193	111,287
96	1	73,789	126,108	497,424	703,001
300	79	323,016	1,581,713	1,900,828	3,538,731
24	-	24,758	34,938	222,851	264,086
60	46	89,783	471,783	819,779	1,297,107
17	5	17,579	125,604	69,374	196,029
119	18	107,940	509,687	438,017	966,275

MANUFACTURING INDUSTRIES OF

Table 8. Principal Statistics of the

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male No.	Female No.	Salaries \$
Chemicals and Chemical Products - (Concl'd.)					
Soaps and washing compounds	6	840,937	37	17	76,691
Toilet preparations	4	30,573	9	3	13,935
All other industries	5	607,910	11	1	20,050
Miscellaneous Products	30	1,938,907	99	17	199,351
Brooms, brushes and mops	3	93,331	9	1	16,316
Mattresses and springs	4	862,158	49	12	115,442
Scientific and professional equipment	5	12,590	5	1	5,088
Signs, electric	4	512,631	19	1	34,852
Stamps and stencils, rubber and metal	4	22,063	1	-	1,355
All other industries	10	436,134	16	2	26,298
Central Electric Stations	42	77,352,060	449	96	787,549
TOTAL	1,077	183,937,703	3,534	912	6,811,494

THE PROVINCE OF MANITOBA, 1934.

Industries in Each Group, 1934. (Concl'd.)

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
53	6	60,587	305,785	272,538	596,104
5	4	4,760	8,728	15,565	24,428
22		17,609	125,188	62,704	194,702
316	39	290,205	562,965	901,367	1,490,714
47	1	37,051	43,368	72,418	117,677
168	28	158,414	439,118	481,153	934,148
2	2	2,470	4,490	11,275	16,012
44		37,862	26,801	200,995	229,591
7	1	3,574	1,293	14,003	15,546
48	7	50,834	47,895	121,523	177,740
530		674,136		6,310,475	6,378,674
14,076	3,201	15,209,496	54,719,469	48,484,665	105,358,000

Table 9. - Cities, Towns and Villages in the Province of Manitoba having Three or More Establishments, 1934.

Note: - Figures for Cities, Towns and Villages do not include Statistics of Central Electric Stations.

Cities, Towns and Villages	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Winnipeg	612	75,513,530	15,745	15,985,206	31,761,326	60,860,444
St. Boniface	42	10,263,504	1,472	1,619,945	13,691,536	18,858,284
Transcona	3	6,842,774	1,358	1,435,829	2,314,500	4,075,366
Portage la Prairie	7	566,726	94	89,541	964,252	1,321,566
Brandon	33	1,409,518	268	236,079	476,484	881,640
Selkirk	7	1,642,724	278	284,470	204,810	717,887
The Pas	5	881,149	180	139,660	165,380	350,616
Neepawa	7	205,902	49	36,391	202,296	286,173
Dauphin	10	187,460	46	32,151	174,190	265,784
Shoal Lake	3	64,885	18	14,894	145,386	184,801

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 9. -- Cities, Towns and Villages in the Province of Manitoba
having Three or More Establishments, 1934. -- (Concl'd.)

Cities, Towns and Villages	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of	Gross Value of Products
	lish- ments		ployees		Materials Used	
	No.	\$	No.	\$	\$	\$
Killarney	4	241,200	24	21,987	102,300	176,293
Rapid City	3	6,661	10	10,206	110,245	147,962
Carman	9	42,879	27	16,551	76,497	117,934
Russell	3	28,130	9	7,673	90,917	115,272
Morden	5	53,076	14	11,340	78,152	100,679
Virden	4	36,864	12	9,030	64,302	91,246
Souris	6	84,953	20	12,515	63,871	89,847
Winkler	3	54,119	13	7,895	68,426	87,676
Wawanesa	4	95,991	14	9,485	52,315	87,625
Swan River	5	32,633	10	6,404	53,350	85,962
Stonewall	3	307,607	27	26,543	14,860	62,666
Beausejour	3	22,203	6	2,846	42,266	61,298
Manitou	3	25,449	13	9,926	38,535	55,403
Minnedosa	5	41,416	14	8,737	29,017	48,272
Gilbert Plains	5	12,564	9	3,639	38,797	46,733
Winnipegosis	4	36,042	13	5,752	26,137	37,713
Deloraine	3	57,631	6	5,942	18,067	35,348
Roblin	3	17,750	6	3,132	17,966	30,961
Rosburn	3	24,996	9	1,978	12,912	21,620
Grand View	5	10,159	5	1,903	6,813	10,871
Gimli	3	8,061	9	3,111	5,114	8,426

Table 10. -- Manufacturing Statistics of the City of Winnipeg, Manitoba,
for the year 1934.^{1/}

Industries	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of	Gross Value of Products
	lish- ments		ployees		Materials Used	
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing	5	2,952,496	824	930,931	6,554,500	8,138,742
Printing and publishing ..	24	3,233,699	936	1,377,763	478,873	3,330,282
Bags, cotton and jute	5	1,821,062	230	270,332	2,260,878	2,928,992
Printing and bookbinding .	80	3,707,895	1,101	1,258,871	980,308	2,858,472
Butter and cheese	11	3,544,097	567	822,397	1,248,711	2,562,700
Bread and other bakery products	71	2,442,835	754	703,828	1,094,862	2,324,015
Flour and feed mills	4	4,296,823	203	206,074	1,791,167	2,271,028
Coffee, tea and spices ...	8	1,598,225	168	190,811	1,573,367	2,230,063

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 10. - Manufacturing Statistics of the City of Winnipeg, Manitoba,
for the year 1934.1/ - (Cont'd.)

Industries	Estab-	Capital Invested	Em-	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	lish- ments		ployees			
	No.	\$	No.	\$	\$	\$
Furnishing goods, men's.	16	923,896	800	527,248	1,333,624	2,014,079
Breweries	5	3,922,213	322	411,694	472,367	1,925,785
Biscuits, confectionery, cocoa and chocolate ..	20	2,168,163	501	380,738	808,409	1,773,956
Clothing, factory, women's	17	561,107	627	457,807	1,185,674	1,772,152
Malt and malt products .	4	2,378,717	69	99,171	976,008	1,607,316
Medicinal and pharmaceu- tical preparations ...	7	1,074,311	138	138,348	471,783	1,297,107
Dyeing, cleaning and laundry work	19	1,592,947	784	603,567	119,615	1,232,660
Fur goods	26	812,415	300	261,418	704,703	1,138,168
Coke and gas products ..	3	5,568,010	159	196,750	449,187	1,132,998
Mattresses and springs .	4	862,158	257	273,856	439,118	934,148
Boxes and bags, paper ..	6	1,003,345	199	211,709	488,090	859,101
Aerated and mineral waters	9	395,428	110	134,143	162,363	667,253
Soaps and washing compounds	5	820,237	107	131,192	294,308	575,560
Foods, miscellaneous ...	4	188,248	55	38,277	392,668	541,011
Clothing, factory, men's	8	162,249	161	123,273	344,343	487,884
Furniture	31	368,771	205	158,214	236,895	485,170
Paints, pigments and varnishes	3	1,552,659	102	126,221	271,524	476,762
Machinery	8	814,475	139	136,711	154,280	437,029
Hats and caps	13	225,638	154	116,736	238,304	417,936
Hosiery and knitted goods	6	454,709	164	121,440	256,402	411,496
Planing mills, sash and door factories	6	2,113,644	203	182,106	117,712	409,404
Brass and copper products	4	408,099	75	99,471	178,263	398,166
Electrical appliances and supplies	9	455,425	118	116,019	170,667	370,887
Sheet metal products ...	6	1,002,018	137	122,056	173,454	368,059
Gloves and mittens, leather	4	228,473	165	110,855	208,699	362,536
Engraving, stereotyping and electrotyping ...	6	344,828	140	278,432	32,244	353,510
Castings and forgings ..	5	1,695,116	168	186,337	82,827	331,621
Fruit and vegetable preparations	4	331,227	84	64,847	144,669	304,362
Miscellaneous leather goods	6	289,785	70	61,855	121,247	280,577
Sausage and sausage casings	7	117,803	49	46,612	186,114	269,164

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 10. - Manufacturing Statistics of the City of Winnipeg, Manitoba, for the Year 1934.^{1/} - (Concl'd.)

Industries	Estab-lish-ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
Miscellaneous paper products	4	389,472	66	64,549	92,894	234,781
Signs, electric	4	512,631	64	72,714	26,801	229,591
Miscellaneous chemical products	8	167,835	33	39,777	125,604	196,029
Coffins and caskets ..	3	365,161	54	54,357	60,582	176,330
Boxes, wooden	6	225,037	104	69,840	57,082	173,782
Boots and shoes, leather	5	184,314	73	43,609	94,439	151,120
Carriages, wagons, and sleighs	3	192,677	44	40,980	65,828	127,875
Brooms, brushes and mops	3	93,331	58	53,367	43,368	117,677
Auto supplies	4	61,014	38	33,548	40,009	82,198
Stone, monumental and ornamental	9	112,070	41	36,485	28,130	75,882
Glass products	3	57,537	24	19,581	31,264	64,038
Awnings, tents and sails	4	20,357	18	10,129	23,565	43,941
Toilet preparations ..	4	30,573	21	18,695	8,728	24,428
Scientific and professional equip-ment	5	12,590	10	7,558	4,490	16,012
Stamps and stencils, rubber and metal ...	4	22,063	9	4,929	1,293	15,546
Miscellaneous wooden products	3	14,835	6	3,254	5,534	9,967
All other vegetable products	7	680,696	49	39,068	295,943	540,489
All other animal products	5	416,446	74	76,658	87,815	216,183
All other wood and paper products	15	860,236	183	212,725	159,515	466,085
All other iron and steel products	9	11,613,898	3,218	3,166,027	2,813,212	6,478,495
All other non-ferrous metal products	5	188,662	20	23,941	99,876	154,883
All other non-metallic mineral products ...	5	2,295,144	60	71,799	252,609	518,159
All other chemical products	5	286,737	51	64,941	91,910	283,641
All other miscellaneous products	10	276,968	82	78,565	52,608	183,161
TOTAL	612	75,513,530	15,745	15,985,206	31,761,326	60,860,444

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Note: - 1/ Exclusive of Central Electric Stations.

The item "all other vegetable products" includes: 1 foods, breakfast, 1 foods, stock and poultry, 1 linseed oil and oilcake, 1 macaroni, vermicelli, etc., 2 tobacco, cigars and cigarettes, and 1 wine.

The item "all other animal products" includes: 2 dairy products, other, 2 fur dressing and dyeing, and 1 leather tannery.

The item "all other wood and paper products" includes: 1 blue printing, 2 cooperage, 2 excelsior, 2 lithographing, 2 roofing paper, etc., 2 sporting goods, 2 trade composition, and 2 woodenware.

The item "all other iron and steel products" includes: 2 agricultural implements, 1 automobiles, 1 bridge and structural steel work, 2 iron and steel products, n.e.s., 1 primary iron and steel, and 2 railway rolling stock.

The item "all other non-ferrous metal products" includes: 1 jewellery and silverware, 2 lead, tin and zinc products, and 2 miscellaneous non-ferrous metal products.

The item "all other non-metallic mineral products" includes: 1 cement, 1 clay products, from domestic clay, 1 lime, 1 miscellaneous non-metallic mineral products, and 1 petroleum products.

The item "all other chemical products" includes: 1 coal tar distillation, 1 cleaning preparations, 1 gases, compressed, and 2 inks, printing and writing.

The item "all other miscellaneous products" includes: 1 aircraft, 1 automobile accessories, 1 artificial ice, 2 refrigerators, other than electric or gas, 1 regalia and society emblems, 2 statuary, art goods and church supplies, 1 carpets, mats and rugs, and 1 gloves and mittens, fabric.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 11. Capital Invested in the Manufacturing Industries of Manitoba, by Groups of Industries, 1929 to 1934.

Groups of Industries	Fixed Capital	Working Capital			Total Capital
	Land buildings, fixtures, machinery, tools and other equipment	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies on hand	Inventory value of finished products on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$	\$
Vegetable products	12,918,568	2,133,381	4,950,500	3,317,057	23,319,506
Animal products	8,282,258	920,236	2,274,901	3,001,093	14,478,488
Textiles and textile products	3,154,639	1,226,786	443,840	1,097,527	5,922,792
Wood and paper products	9,980,438	1,147,169	742,010	3,147,466	15,017,083
Iron and its products	17,295,177	3,428,645	776,310	1,506,595	23,006,727
Non-ferrous metal products	3,062,897	182,111	870,565	267,394	4,382,967
Non-metallic mineral products	12,334,795	345,530	330,845	638,918	13,650,088
Chemicals and chemical products	2,466,225	764,162	611,225	1,027,473	4,869,085
Miscellaneous products	1,196,953	185,298	45,924	510,732	1,938,907
Central electric stations	74,119,379	813,967	-	2,418,714	77,352,060
TOTAL OF GROUPS, 1934	144,811,329	11,147,285	11,046,120	16,932,969	183,937,703
1933	143,737,225	11,851,161	6,999,795	17,131,939	179,720,120
1932	155,779,758	11,696,059	6,086,895	16,982,940	190,545,652
1931	149,376,542	14,308,297	7,064,932	21,185,540	191,935,311
1930	142,192,334	24,921,511	-	21,299,319	188,413,164
1929	123,274,605	25,918,365	-	23,959,978	173,152,948

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 12. Power Equipment in the Manufacturing Industries of the Province of Manitoba, 1929 to 1934.

Groups of Industries	Electric Motors							
	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Operated by purchased power	Operated by power generated by establishment	Total Electric Motors	Total Power equipment for manufacturing purposes
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Vegetable products	2,703	274	-	2,977	15,059	232	15,291	18,036
Animal products	653	18	-	671	7,907	-	7,907	8,578
Textiles and textile products	200	-	-	200	1,530	4	1,534	1,730
Wood and paper products ..	4,927	294	55	5,276	7,116	3	7,119	12,392
Iron and its products ..	3,251	295	-	3,546	31,509	-	31,509	35,055
Non-ferrous metal products	-	-	-	-	4,543	-	4,543	4,543
Non-metallic mineral products	796	1,200	-	1,996	9,114	74	9,188	11,110
Chemicals and chemical products	141	22	-	163	1,601	-	1,601	1,764
Miscellaneous products ..	32	-	50	82	1,039	-	1,039	1,121
TOTAL, MANUFACTURING INDUSTRIES, 1934								
	12,703	2,103	105	14,911	79,418	313	79,731	94,329
1933	13,192	2,238	78	15,508	74,883	446	75,329	90,391
1932	11,067	1,188	110	12,365	128,889	511	129,400	141,254
1931	12,115	1,191	33	13,339	102,948	593	103,541	116,287
1930	13,018	1,209	30	14,257	101,267	582	101,849	115,524
1929	11,934	752	33	12,719	99,859	697	100,556	112,578
CENTRAL ELECTRIC STATIONS, 1934								
	33,581	2,852	436,925	473,358	-	-	-	473,358
1933	33,581	2,710	436,925	473,216	-	-	-	473,216
1932	33,581	2,905	436,925	473,411	-	-	-	473,411
1931	33,761	2,689	376,925	413,375	-	-	-	413,375
1930	33,767	2,704	352,925	389,396	-	-	-	389,396
1929	33,927	2,619	310,925	347,471	-	-	-	347,471

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 13. - Fuel and Electricity Consumed by Groups of Industries, 1934.

Groups of Industries	Bituminous Coal		Anthracite and Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel	Cost of Electricity
	Quantity	Value									
	Tons	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Vegetable products	17,791	111,421	140,672	12,529	1,748	11,816	33,159	38,290	3,058	352,693	197,530
Animal products	1,799	12,190	102,186	185	286	188	27,176	1,487	4,611	148,309	161,933
Textiles and textile products ...	4,325	30,517	11,537	509	14	3,226	6,342	3,611	5,699	61,455	50,335
Wood and paper products	4,290	30,283	5,797	558	2,575	3,786	8,716	12,281	12,244	76,240	98,779
Iron and its products	23,374	120,021	158,122	2,095	1,567	74,299	2,583	4,301	-	362,988	149,545
Non-ferrous metal products	795	4,600	-	2,314	508	7,688	948	2,151	61	18,270	68,556
Non-metallic mineral products ...	9,803	77,595	2,019	7,949	1,291	50,980	22,116	42,179	619	204,748	51,714
Chemicals and chemical products .	4,404	28,907	4,532	2,204	84	2,395	284	201	3,300	41,907	14,283
Miscellaneous products	896	-	1,539	398	552	978	741	544	5	11,915	14,467
Central electric stations	-	-	13,206	-	216	33,958	18,719	-	2,100	68,199	-
TOTAL COST OF FUEL AND ELECTRICITY	67,477	422,692	439,610	28,741	8,841	189,314	120,784	105,045	31,697	1,346,724	807,142

MANUFACTURING INDUSTRIES OF THE PROVINCE OF MANITOBA, 1934.

Table 14. - Fuel and Electricity Consumed in the Manufacturing Industries of the Province of Manitoba, 1930 to 1934.

Kinds of Fuel	Unit of Measure	1930		1931		1932		1933		1934	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$		\$		\$
Bituminous Coal -											
Canadian	Ton	60,470	358,273	87,177	574,054	72,930	472,975	55,789	319,036	57,561	342,082
Imported	"	122,632	975,991	60,222	466,687	44,622	332,804	33,880	249,351	9,916	80,610
Anthracite coal	Ton	8,908	87,328	9,612	95,403	8,946	91,676	9,357	99,480	9,572	97,617
Lignite Coal -											
Canadian	Ton	109,933	448,809	59,643	216,219	76,446	258,942	158,564	269,879	104,522	347,927
Imported	"	840	7,172	-	-	-	-	26	266	6	66
Coke	Ton	10,576	60,199	7,542	58,971	7,689	58,497	4,488	29,791	2,792	28,741
Gasoline	Gallon	55,275	14,548	87,267	21,818	39,807	10,552	30,216	7,959	34,700	8,841
Fuel oils	Gallon	2,454,503	246,882	2,154,824	200,799	1,982,464	164,618	1,897,987	158,862	2,449,692	189,314
Wood	Cord	35,914	175,536	33,226	137,277	33,996	122,289	34,393	123,129	36,589	120,784
Gas -											
Manufactured	M cu.ft.	156,611	126,022	166,492	107,290	224,470	123,948	208,449	97,259	257,497	105,045
Natural	M cu.ft.	-	-	-	-	-	-	-	-	-	-
Other fuel	-	-	20,998	-	39,548	-	33,469	-	29,767	-	31,697
<hr/>											
TOTAL COST OF											
FUEL	-	-	2,521,758	-	1,918,066	-	1,669,770	-	1,384,779	-	1,346,724
Cost of electricity ...	-	-	1,094,693	-	1,103,708	-	812,499	-	717,595	-	807,142
<hr/>											
TOTAL COST OF											
FUEL AND ELECTRICITY ..	-	-	3,616,451	-	3,021,774	-	2,482,269	-	2,102,374	-	2,153,866

SECTION 3. - MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

Manufacturing production in the Province of Saskatchewan continued to show improvement in 1934. In that year, 845 establishments reported to the Census of Manufactures, and their total production amounted to \$42,261,723, an increase of \$6,062,115 over 1933. Employees increased by 372 to a total of 5,986 persons, and the salaries and wages account rose from \$5,871,180 in 1933 to \$6,093,983 in 1934, an increase of \$222,803. The cost of materials used increased by \$5,124,161 to a total of \$24,289,080, while the value added by manufacture was \$986,667 higher in 1934 than it was in 1933. Statistics showing these variations in detail may be noted in tables 15 and 16.

Table 17 gives the principal statistics of the manufacturing industries of the province grouped according to a component material classification basis. In 1934 vegetable products with an output valued at \$14,787,102 led all the groups in gross value of production. The animal products group with a value of \$11,522,806 was next in importance and this was followed by non-metallic mineral products \$6,404,655, central electric stations \$4,229,402, wood and paper products \$3,373,844, etc.

The principal statistics of the leading industries in 1934 are shown in table 19. From the standpoint of gross value of production, flour and feed mills headed the list with an output of \$11,794,973 or about 28 per cent of the total production for the province. Petroleum products, butter and cheese, slaughtering and meat packing, central electric stations, printing and publishing, etc., follow in the order named.

Table 20 shows the principal statistics of the cities and towns of Saskatchewan. Using the value of production as a standard, Moose Jaw led the province with \$10,850,639 and Regina came next with \$9,298,625. However, in the fields of employment and salaries and wages paid, Regina was the dominating centre. This city employed 1,645 persons and paid salaries and wages amounting to \$1,859,753, whereas in Moose Jaw only 824 persons were employed, with salaries and wages to an amount of \$903,029. Saskatoon with a production value of \$8,354,448 and Prince Albert \$2,293,959 came next in order of value importance.

Table 15. - Principal Statistics of the Manufacturing Industries of the Province of Saskatchewan, 1926 to 1934.

Year	Estab-lish-ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
1926	674	33,943,060	4,904	6,397,545	29,128,035	47,108,097
1927	721	38,387,248	5,683	7,280,945	32,147,303	52,162,957
1928	737	44,622,135	6,173	8,003,577	34,166,490	59,105,039
1929	761	58,877,124	8,047	10,438,759	51,143,205	80,435,537
1930	750	65,486,140	7,248	9,229,593	35,608,157	62,276,766
1931 ^x	768	68,547,866	6,061	7,546,703	22,540,618	44,265,151
1932	774	63,294,823	5,535	6,392,062	18,214,555	36,101,516
1933	818	64,950,579	5,614	5,871,180	19,164,919	36,199,608
1934	845	65,975,159	5,986	6,093,983	24,289,080	42,261,723

^xThe 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 the change in

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

method of computing the average annual employment of wage-earners. Between 1925 and 1930 the average was obtained by summing the averages of individual plants, based on the number of months in actual operation, and not by dividing by twelve the sum of the monthly employment figures. In 1931, however, a change was made to the old method whereby the aggregate of the monthly figures is divided by twelve. This method gives the man year that each plant operates. The change in method, therefore, affects the average annual employment as well as the average wages paid in seasonal industries, such as fruit and vegetable canning, fish canning, sawmills, etc.

Table 16. - Principal Statistics of the Province of Saskatchewan
Compared, 1933 and 1934.

Items	1933	1934	+ Increase - Decrease
Establishments reporting No.	818	845	+ 27
Capital invested \$	64,950,579	65,975,159	+ 1,024,580
Employees on salaries -			
Male No.	1,747	1,726	- 21
Female No.	287	305	+ 18
Total salaries \$	2,603,677	2,562,585	- 41,092
Employees on wages -			
Male No.	3,241	3,611	+ 370
Female No.	339	344	+ 5
Total wages \$	3,267,503	3,531,398	+ 263,895
Primary power equipment H.P.	147,468	148,844	+ 1,376
Cost of fuel \$	1,362,195	1,282,458	- 79,737
Cost of electricity \$	420,734	451,758	+ 31,024
Cost of materials used \$	19,164,919	24,289,080	+ 5,124,161
Gross value of products \$	36,199,608	42,261,723	+ 6,062,115
Net value of products 1/ \$	15,251,760	16,238,427	+ 986,667

1/ In accordance with the recommendations of the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of materials as well as the value of fuel and electricity from the gross value of products. Prior to this only the cost of materials was deducted.

MANUFACTURING INDUSTRIES OF THE

Table 17. - Principal Statistics by Groups of

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on	
			Male	Female
	No.	\$	No.	No.
<u>1 9 3 3</u>				
Vegetable products	246	18,091,145	375	54
Animal products	99	5,580,478	457	59
Textiles and textile products	19	940,252	30	14
Wood and paper products	262	5,002,220	498	90
Iron and steel products	12	1,502,069	38	11
Non-ferrous metal products 1/	2			
Non-metallic mineral products	39	6,891,013	105	9
Chemicals and chemical products ...	8	710,579	26	6
Miscellaneous products	3	18,040	4	2
Central electric stations	128	25,340,879	211	42
TOTAL	818	64,950,579	1,747	287
<u>1 9 3 4</u>				
Vegetable products	260	18,648,424	420	55
Animal products	97	6,225,579	412	66
Textiles and textile products	18	832,189	32	11
Wood and paper products	274	5,160,582	473	105
Iron and steel products	14	1,729,441	44	12
Non-ferrous metal products 1/	2			
Non-metallic mineral products	42	6,355,775	109	10
Chemicals and chemical products ...	8	690,054	33	7
Miscellaneous products	3	22,860	1	1
Central electric stations	127	25,484,592	200	38
TOTAL	845	65,975,159	1,726	305

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

PROVINCE OF SASKATCHEWAN, 1934.

Industries, Province of Saskatchewan, 1933 and 1934.

Salaries	Employees on Wages			Cost of Materials Used	Gross Value of Products
	Male	Female	Wages		
\$	No.	No.	\$	\$	\$
555,300	853	68	745,948	7,743,831	12,831,801
611,960	617	65	617,063	5,773,440	8,437,290
51,652	100	135	163,030	47,213	412,712
711,975	870	63	760,645	779,270	3,164,965
68,373	99	-	79,577	105,364	291,557
177,220	337	2	370,923	4,377,509	5,867,843
47,647	18	4	22,839	97,430	232,133
3,613	8	2	5,349	11,251	21,247
369,303	303	-	440,129	-	4,236,991
2,603,677	3,241	339	3,267,503	19,164,919	36,199,608
562,968	878	68	742,555	9,370,323	14,787,102
576,218	757	75	796,518	8,699,793	11,522,806
52,318	87	128	146,968	45,478	382,366
680,571	946	63	803,926	863,968	3,373,844
87,212	119	1	100,784	198,382	445,479
185,910	421	2	463,513	4,705,759	6,404,655
56,894	25	5	26,898	201,071	382,024
2,070	12	2	8,671	11,756	27,792
354,728	286	-	396,493	-	4,229,402
2,562,585	3,611	344	3,531,398	24,289,080	42,261,723

groups in order to prevent disclosure of individual information.

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	260	18,648,424	420	55	562,968
Bread and other bakery products	159	2,041,970	130	20	110,170
Breweries	9	3,505,755	47	3	107,636
Flour and feed mills	84	13,008,182	238	31	340,605
All other industries	8	92,517	5	1	4,557
Animal Products	97	6,225,579	412	66	576,218
Butter and cheese	70	3,496,785	290	51	388,000
Fur goods	3	20,243	2	1	2,499
Leather tanneries	6	99,450	3	-	4,000
Miscellaneous leather goods	12	48,859	8	-	3,950
Slaughtering and meat packing	6	2,560,242	109	14	177,769
Textiles and Textile Products	18	832,189	32	11	52,318
Dyeing, cleaning and laundry work ..	16	816,086	30	11	50,718
All other industries	2	16,103	2	-	1,600
Wood and Paper Products	274	5,160,582	473	105	680,571
Carriages, wagons and sleighs	4	37,920	4	-	2,181
Planing mills, sash and door factories	16	994,165	26	10	39,188
Printing and bookbinding	33	472,629	45	6	75,036
Printing and publishing	128	2,628,051	337	80	509,924
Sawmills	80	487,660	38	7	19,842
Trade composition	3	16,800	3	-	5,876
All other industries	10	523,357	20	2	28,524
Iron and Steel Products	14	1,729,441	44	12	87,212
Castings and forgings	4	195,540	9	2	15,919
Machinery	3	390,552	9	3	16,145
Sheet metal products	4	1,071,360	21	6	48,026
All other industries	3	71,989	5	1	7,122
Non-Ferrous Metal Products 1/	2				
Non-Metallic Mineral Products	42	6,355,775	109	10	185,910
Aerated and mineral waters	16	393,104	12	-	18,749
Clay products, from domestic clay ..	3	311,868	8	-	15,324
Petroleum products	10	5,306,838	65	7	125,096
Stone, monumental and ornamental ...	9	164,496	15	2	16,409
All other industries	4	179,469	9	1	10,332

PROVINCE OF SASKATCHEWAN, 1934.

in each Group, Province of Saskatchewan, 1934.

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
878	68	742,555	9,370,323	5,029,921	14,787,102
379	54	319,525	808,033	735,448	1,622,100
178	-	139,351	349,052	856,885	1,271,306
313	9	277,133	8,168,204	3,385,312	11,794,973
8	5	6,546	45,034	52,276	98,723
757	75	796,518	8,699,793	2,618,945	11,522,806
340	30	367,415	3,866,083	1,827,075	5,813,243
6	5	6,374	10,775	17,422	28,433
20	1	13,750	16,117	27,731	46,808
2	-	1,729	3,350	9,022	13,090
389	39	407,250	4,803,468	737,695	5,621,232
87	128	146,968	45,478	306,703	382,366
85	127	145,507	39,503	300,976	370,479
2	1	1,461	5,975	5,727	11,887
946	63	803,926	863,968	2,430,125	3,373,844
5	-	2,816	3,052	11,390	15,470
109	-	71,395	151,376	143,247	307,000
76	19	74,779	94,205	214,424	316,230
375	28	503,341	392,449	1,731,150	2,171,787
314	12	109,973	153,361	212,394	370,356
1	-	200	80	7,334	7,734
66	4	41,422	69,445	110,186	185,267
119	1	100,784	198,382	231,631	445,479
25	-	20,448	13,240	51,918	67,873
26	-	26,100	34,834	65,835	104,322
52	-	35,145	135,112	75,966	217,485
16	1	19,091	15,196	37,912	55,799
421	2	463,513	4,705,759	1,472,895	6,404,655
49	1	45,132	87,571	155,489	248,579
26	-	19,497	-	79,595	90,997
315	-	376,196	4,581,784	1,163,068	5,944,278
14	1	11,617	21,359	48,185	72,214
17	-	11,071	15,045	26,558	48,587

MANUFACTURING INDUSTRIES OF THE

Table 18. - Principal Statistics of the Industries in each

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Chemicals and Chemical Products.	8	690,054	33	7	56,894
Medicinal and pharmaceutical preparations	3	11,446	4	1	2,754
All other industries	5	678,608	29	6	54,140
Miscellaneous Products	3	22,860	1	1	2,070
All other industries	3	22,860	1	1	2,070
Central Electric Stations	127	25,484,592	200	38	354,728
TOTAL	845	65,975,159	1,726	305	2,562,585

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

PROVINCE OF SASKATCHEWAN, 1934.

Group, Province of Saskatchewan, 1934. - (Concl'd.)

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
25	5	26,898	201,071	172,342	382,024
1	1	1,774	3,392	6,891	10,701
24	4	25,124	197,679	165,451	371,323
12	2	8,671	11,756	15,904	27,792
12	2	8,671	11,756	15,904	27,792
286	..	396,493	..	3,460,775	4,229,402
3,611	344	3,531,398	24,289,080	16,238,427	42,261,723

Table 19. - Principal Statistics of the Ten Leading Industries of Province of Saskatchewan, 1934.

Industries	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
Flour and feed mills	84	13,008,182	591	617,738	8,168,204	11,794,973
Petroleum products .	10	5,306,838	387	501,292	4,581,784	5,944,278
Butter and cheese ..	70	3,496,785	711	755,415	3,866,083	5,813,243
Slaughtering and meat packing	6	2,560,242	551	585,019	4,803,468	5,621,232
Central electric stations	127	25,484,592	524	751,221	-	4,229,402
Printing and publishing	128	2,628,051	820	1,013,265	392,449	2,171,787
Bread and other Bakery products ..	159	2,041,970	583	429,695	808,033	1,622,100
Breweries	9	3,505,755	228	246,987	349,052	1,271,306
Dyeing, cleaning and laundry work .	16	816,086	253	196,225	39,503	370,479
Sawmills	80	487,660	371	129,815	153,361	370,556
TOTAL, TEN LEAD- ING INDUSTRIES	689	59,336,161	5,019	5,226,672	23,161,937	39,209,156
TOTAL, ALL INDUSTRIES	845	65,975,159	5,986	6,093,983	24,289,080	42,261,723

Note: - Statistics for non-ferrous metal smelting and refining, which is also one of

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

the leading industries of this province, cannot be published since there are less than three establishments reporting.

Table 20. - Cities, Towns and Villages in the Province of Saskatchewan having Three or More Establishments, 1934.

Note: - Figures for cities, towns and villages do not include statistics for Central Electric Stations.

Cities, Towns and Villages	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Moose Jaw	37	12,819,319	824	903,029	7,703,026	10,850,639
Regina	96	11,073,914	1,645	1,859,753	5,664,082	9,298,625
Saskatoon	74	7,568,577	1,124	1,235,356	5,059,449	8,354,448
Prince Albert	21	2,281,099	345	345,602	1,534,804	2,293,959
Yorkton	11	418,893	54	53,442	285,116	453,750
Melville	6	128,621	39	31,777	333,027	442,193
Swift Current	13	530,790	68	65,383	215,394	360,689
North Battleford	13	407,405	82	78,716	174,070	334,835
Weyburn	11	554,961	60	53,798	210,201	304,777
Rosetown	5	120,292	17	16,284	164,901	237,873
Humboldt	5	96,719	22	19,033	143,798	210,542
Melfort	6	143,402	25	24,131	124,485	191,822
Tisdale	4	84,582	16	11,967	117,113	170,371
Biggar	7	92,323	20	18,514	95,020	147,260
Lloydminster	6	65,310	14	15,027	80,616	128,540
Foam Lake	4	61,012	11	10,604	93,877	127,447
Moosomin	4	51,771	12	8,993	78,240	113,804
Estevan	9	169,636	27	20,398	59,969	110,138
Battleford	4	83,527	11	8,087	82,021	109,240
Canora	4	89,003	18	12,030	75,021	107,922
Rosthern	4	112,694	15	12,829	71,847	106,256
Wadena	3	26,335	8	5,881	71,752	96,514
Preeceville	3	26,570	5	5,402	63,622	84,442
Young	3	19,919	6	5,774	69,803	82,087
Unity	6	54,336	12	9,965	52,338	81,051
Kamsack	3	39,891	10	9,371	52,910	78,880
Carlyle	4	34,160	9	6,154	51,263	71,015
Oxbow	3	26,452	6	4,708	44,722	66,368
Shell Brook	3	35,456	8	6,260	46,380	64,737
Kerrobert	3	30,677	9	5,418	44,012	62,237
Wakow	3	29,555	8	7,420	20,614	43,758
Kelvington	5	34,234	9	4,791	32,403	42,669
Arcola	3	35,612	9	4,843	24,501	41,322
Nipawin	6	23,400	13	4,197	23,924	38,580
Outlook	3	86,246	7	8,410	23,636	36,502
Norquay	4	24,335	8	3,696	21,014	30,743
Shaunavon	3	32,695	12	8,495	13,622	29,549

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

Table 20. - Cities, Towns and Villages in the Province of Saskatchewan having
Three or More Establishments, 1934. - (Concl'd.)

Cities, Towns and Villages	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-	Invested	ployees	and Wages	Materials	Value of
	ments				Used	Products
	No.	\$	No.	\$	\$	\$
Punnichy	3	18,961	3	1,973	16,288	28,745
Leask	3	6,092	10	3,770	21,678	27,911
Kindersley	4	25,585	7	5,886	9,908	24,204
Maple Creek	3	16,725	5	2,510	12,640	23,201
Harris	3	14,873	5	3,550	14,531	21,832
Indian Head	3	27,555	6	3,470	12,950	19,661
Watrous	4	21,186	6	4,734	5,852	15,352
Wilkie	3	15,925	5	5,112	3,846	13,226
Lafleche	3	17,498	3	1,533	6,397	9,624
Fort Qu'Appelle	3	15,150	4	1,262	4,288	8,590
Gravelbourg	3	43,953	5	1,966	3,773	7,670
Ogema	3	20,175	4	1,876	3,625	7,128
Strasbourg	3	7,535	3	1,450	3,223	6,336
Imperial	3	8,520	3	1,725	1,116	3,405

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

Table 21. - Capital Invested in the Manufacturing Industries, 1929 to 1934.

Groups of Industries	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products on hand	Operating Capital (cash, bills and accounts receivable, prepaid expenses, etc.)	
	\$	\$	\$	\$	\$
Vegetable products	8,228,160	2,781,003	1,745,247	5,894,014	18,648,424
Animal products	4,472,281	324,397	717,497	711,404	6,225,579
Textiles and textile products	741,825	23,737	8,282	58,345	832,189
Wood and paper products	3,759,751	358,672	223,627	818,532	5,160,582
Iron and its products	912,583	208,020	131,886	476,952	1,729,441
Non-ferrous metal products 1/					
Non-metallic mineral products	3,778,300	474,036	1,706,552	396,887	6,355,775
Chemicals and chemical products	395,844	63,725	98,463	132,022	690,054
Miscellaneous products	10,978	6,092	3,718	2,072	22,860
Central electric stations	24,107,125	505,723	-	871,744	25,484,592
TOTAL, 1934	47,027,579	4,755,396	4,828,829	9,363,355	65,975,159
1933	47,811,529	4,986,009	4,266,183	7,886,858	64,950,579
1932	47,618,981	4,371,810	3,441,577	7,862,455	63,294,823
1931	51,030,577	5,465,587	3,383,466	8,668,236	68,547,866
1930	48,243,224		10,848,555	6,394,361	65,486,140
1929	38,024,102		13,536,924	7,316,098	58,877,124

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

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

Table 22. - Power Equipment by Groups of Industries, Province of Saskatchewan, 1929 to 1934.

Groups of Industries	Electric Motors							Total Power equipment for manufacturing purposes
	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Operated by purchased power	Operated by power generated by establishment	Total Electric Motors	
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	
Vegetable products	3,275	1,311	-	4,586	9,357	-	9,357	13,943
Animal products	1,167	11	-	1,178	4,225	-	4,225	5,403
Textiles and textile products	507	2	-	509	180	-	180	689
Wood and paper products.	5,023	481	10	5,514	2,882	6	2,888	8,396
Iron and its products ..	-	-	-	-	776	-	776	776
Non-ferrous metal products	-	-	-	-	986	-	986	986
Non-metallic mineral products	1,338	273	-	1,611	2,095	48	2,143	3,706
Chemicals and chemical products	-	-	-	-	257	-	257	257
Miscellaneous products .	-	-	-	-	9	-	9	9
TOTAL, MANUFACTURING INDUSTRIES,								
1934	11,310	2,078	10	13,398	20,767	54	20,821	34,165
1933	10,114	1,881	75	12,070	18,987	337	19,324	31,057
1932	9,424	1,449	-	10,875	19,334	57	19,391	30,207
1931	10,352	1,315	255	11,922	19,060	173	19,233	30,982
1930	10,883	1,478	1	12,362	16,453	89	16,542	28,815
1929	12,083	1,412	-	13,495	14,863	128	14,991	28,358
CENTRAL ELECTRIC STATIONS,								
1934	117,630	17,816	-	135,446	-	-	-	135,446
1933	117,630	17,768	-	135,398	-	-	-	135,398
1932	117,705	17,749	-	135,454	-	-	-	135,454
1931	117,230	17,796	-	135,026	-	-	-	135,026
1930	100,855	17,589	-	118,444	-	-	-	118,444
1929	62,597	15,026	-	77,623	-	-	-	77,623

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

Table 23. - Fuel and Electricity Consumed by Groups of Industries, 1934.

Groups of Industries	Bituminous Coal		Anthracite and Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel	Cost of Electricity
	Quantity	Value									
	Tons	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Vegetable products	9,955	45,196	48,744	2,348	2,881	18,675	38,904	21	5,168	161,937	224,921
Animal products	2,428	12,805	75,742	-	182	1,648	15,862	8	1,560	107,807	96,261
Textiles and textile products	752	5,427	13,592	-	884	-	4,600	-	-	24,503	5,682
Wood and paper products	1,992	11,372	6,178	-	3,242	2,020	5,959	-	1,435	30,206	49,545
Iron and its products	109	991	702	1,445	85	2,819	803	-	-	6,845	8,621
Non-ferrous metal products											
Non-metallic mineral products	2,523	16,233	2,566	55,798	1,006	68,289	258	33,409	1,791	179,350	46,651
Chemicals and chemical products ..	337	2,664	16	-	17	387	19	-	-	3,103	5,508
Miscellaneous products	-	-	-	-	-	-	-	-	-	-	132
Central electric stations	130,954	559,074	37,320	-	3,442	168,667	124	-	-	768,627	-
TOTAL COST OF FUEL AND ELECTRICITY	149,050	653,762	184,860	59,591	11,739	262,505	66,529	33,518	9,954	1,282,458	451,758

MANUFACTURING INDUSTRIES OF THE PROVINCE OF SASKATCHEWAN, 1934.

Table 24. - Fuel and Electricity Consumed in the Manufacturing Industries of the Province of Saskatchewan, 1930 to 1934.

Kinds of Fuel	Unit of Measure	1930		1931		1932		1933		1934	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$		\$		\$
Bituminous Coal -											
Canadian	Ton	141,026	802,860	94,883	586,178	152,849	755,293	154,059	690,994	148,995	653,294
Imported	"	199	2,510	192	1,696	1,581	11,703	197	1,656	55	468
Anthracite coal	Ton	896	9,574	-	-	-	-	760	5,188	567	4,461
Lignite Coal -											
Canadian	Ton	88,638	373,515	124,063	443,659	62,896	193,245	60,409	179,139	62,655	180,399
Imported	"	-	-	-	-	-	-	-	-	-	-
Coke	Ton	10,336	83,761	8,986	66,543	3,348	27,185	12,521	72,058	11,338	59,591
Gasoline	Gallon	109,372	32,113	66,945	17,919	58,243	16,622	43,204	13,014	36,699	11,739
Fuel oils	Gallon	6,254,079	477,953	4,902,762	342,476	5,814,613	356,041	3,990,422	270,606	4,053,487	262,505
Wood	Cord	10,174	40,941	10,590	37,726	13,401	41,364	20,054	54,828	22,490	66,529
Gas -											
Manufactured	M cu. ft.	529,508	174,417	423,199	83,654	282,484	58,221	227,775	54,905	187,680	33,497
Natural	M cu. ft.	300	175	-	-	-	-	-	-	70	21
Other fuel	-	-	5,387	-	16,323	-	23,535	-	19,807	-	9,954
<hr/>											
TOTAL COST OF FUEL	-	-	2,003,206	-	1,596,174	-	1,483,209	-	1,362,195	-	1,282,458
Cost of electricity ..	-	-	378,139	-	419,004	-	419,338	-	420,734	-	451,758
<hr/>											
TOTAL COST OF FUEL AND ELECTRICITY ..	-	-	2,381,345	-	2,015,178	-	1,902,547	-	1,782,929	-	1,734,216

SECTION 4. -- MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

The Census of Manufactures received reports from 968 establishments operating in Alberta in 1934. These establishments reported a total value of production of \$69,389,118 which was \$14,746,412 or 27 per cent higher than the 1933 value of \$54,642,706. The cost of materials increased in 1934, the value being \$40,381,587 or \$10,876,432 more than the 1933 cost which amounted to \$29,505,155. The number of establishments reporting showed a decrease of seven. The capital invested, however, was \$73,478 higher, having risen from \$98,345,221 in 1933 to \$98,418,699 in 1934. Employment was furnished to 11,565 persons who received in salaries and wages \$11,775,745. Compared with 1933 there was an increase of 621 in the number of persons employed and \$879,613 in the amount of salaries and wages paid. Tables 25 and 26 show these variations in detail.

Table 27 shows the principal statistics of the manufacturing industries of the province by groups of industries. The animal products group, with a value of production of \$20,265,175, came first in 1934. This was followed by vegetable products with an output valued at \$20,201,578, non-metallic mineral products \$10,917,027, wood and paper products \$6,831,623, etc.

Table 29 shows the principal statistics of the leading industries of Alberta. Slaughtering and meat packing with an output valued at \$13,615,298 was in first place. Following, in order of importance, were: flour and feed mills \$10,531,197, petroleum products \$8,602,050, butter and cheese \$6,412,968, central electric stations \$4,567,199, etc.

The principal statistics of the cities and towns of Alberta are shown in table 30. From the point of view of production, the city of Calgary with an output of \$25,293,375 was of major importance. Edmonton came next with an output valued at \$19,090,729. The combined output of these two cities amounted to about 68 per cent of the provincial total, exclusive of central electric stations. Medicine Hat and Lethbridge followed in the order named.

Table 25. -- Principal Statistics of the Manufacturing Industries of the Province of Alberta, 1926 to 1934.

Year	Estab- lish- ments	Capital Invested	Em- p- loyees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1926	749	72,468,286	10,233	12,808,554	49,826,532	83,425,631
1927	776	81,664,730	11,285	13,511,359	50,209,720	84,586,016
1928	778	92,190,476	12,827	15,403,292	58,782,951	100,128,655
1929	817	107,648,028	13,748	16,460,038	62,700,608	106,824,476
1930	845	109,930,271	14,099	17,092,033	53,621,884	94,314,782
1931 1/2	886	107,427,603	11,798	14,213,753	36,090,169	68,367,411
1932	943	100,609,788	11,174	11,886,114	28,442,192	55,293,832
1933	975	98,345,221	10,944	10,896,132	29,505,155	54,642,706
1934	968	98,418,699	11,565	11,775,745	40,381,587	69,389,118

1/ The large decrease in the number of employees since 1931 is not entirely due to the

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

decline in manufacturing production. The decrease is in part due to the change in method of computing the average annual employment of wage-earners. Between 1925 and 1930 the average was obtained by summing the averages of individual plants, based on the number of months in actual operation, and not by dividing by twelve the sum of the monthly employment figures. In 1931, however, a change was made to the old method whereby the aggregate of the monthly figures is divided by twelve. This method gives the man year that each plant operates. The change in method, therefore, affects the average annual employment as well as the average wages paid in seasonal industries, such as fruit and vegetable canning, fish canning, sawmills, etc.

Table 26. -- Principal Statistics of the Province of Alberta Compared for 1933 and 1934.

Items	1933	1934	+ Increase -- Decrease
Establishments reporting No.	975	968	-- 7
Capital invested \$	98,345,221	98,418,699	+ 73,478
Employees on salaries --			
Male No.	2,146	2,272	+ 126
Female No.	423	455	+ 32
Total salaries \$	3,694,270	3,851,201	+ 156,931
Employees on wages --			
Male No.	7,279	7,744	+ 465
Female No.	1,096	1,094	-- 2
Total wages \$	7,201,862	7,924,544	+ 722,682
Primary power equipment H.P.	176,317	179,270	+ 2,953
Cost of fuel \$	846,093	938,226	+ 92,133
Cost of electricity \$	453,409	492,430	+ 39,021
Cost of materials used \$	29,505,155	40,381,587	+ 10,876,432
Gross value of products \$	54,642,706	69,389,118	+ 14,746,412
Net value of products ^x \$	23,838,049	27,576,875	+ 3,738,826

^x In accordance with the recommendations of the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of materials, as well as the value of fuel and electricity, from the gross value of products. Prior to this only the cost of materials was deducted.

MANUFACTURING INDUSTRIES OF

Table 27. - Principal Statistics by Groups of

Groups of Industries	Estab- lish- ments No.	Capital Invested \$	Employees on	
			Male No.	Female No.
<u>1 9 3 3</u>				
Vegetable products	275	21,521,838	423	64
Animal products	134	12,130,633	407	108
Textiles and textile products	41	2,556,068	106	41
Wood and paper products	351	9,722,728	626	131
Iron and steel products	26	9,437,472	153	15
Non-ferrous metal products	6	374,910	14	-
Non-metallic mineral products	49	14,657,844	136	21
Chemicals and chemical products ...	8	466,934	22	6
Miscellaneous products	5	130,998	6	-
Central electric stations	80	27,345,796	253	37
TOTAL	975	98,345,221	2,146	423
<u>1 9 3 4</u>				
Vegetable products	282	21,566,754	451	63
Animal products	132	11,951,328	485	135
Textiles and textile products	40	2,467,769	93	42
Wood and paper products	342	9,975,032	641	129
Iron and steel products	25	9,682,248	164	20
Non-ferrous metal products	6	318,568	16	2
Non-metallic mineral products	45	14,733,314	139	19
Chemicals and chemical products ...	9	413,158	20	5
Miscellaneous products	7	208,054	8	-
Central electric stations	80	27,102,474	255	40
TOTAL	968	98,418,699	2,272	455

THE PROVINCE OF ALBERTA, 1934.

Industries, Province of Alberta, 1933 and 1934.

Salaries	Employees on Wages			Cost of Materials Used	Gross Value of Products
	Salaries	Male	Female		
\$	No.	No.	\$	\$	\$
676,011	1,315	162	1,350,960	9,417,041	16,142,838
705,700	1,305	161	1,401,595	10,377,424	14,994,019
252,048	277	635	549,953	624,054	1,945,994
945,740	1,587	103	1,299,553	2,367,173	6,124,779
313,014	1,719	3	1,406,305	1,330,338	3,185,864
23,862	26	-	21,959	103,275	212,922
282,885	670	24	689,331	5,099,470	7,071,766
43,474	29	5	29,641	158,917	438,259
12,700	19	3	16,890	27,463	60,339
430,836	332	-	435,675	-	4,465,926
3,694,270	7,279	1,096	7,201,862	29,505,155	54,642,706
701,635	1,345	188	1,389,331	12,097,760	20,201,578
820,520	1,446	196	1,598,769	15,624,569	20,265,175
239,139	228	577	504,415	874,060	2,048,874
952,984	1,740	100	1,438,159	2,670,396	6,831,623
330,463	1,715	1	1,588,324	1,617,500	3,821,606
29,814	30	-	23,504	102,237	216,731
297,885	853	24	894,915	7,216,577	10,917,027
38,317	33	4	38,349	147,622	432,908
14,634	24	4	22,536	30,866	86,397
425,810	330	-	426,242	-	4,567,199
3,851,201	7,744	1,094	7,924,544	40,381,587	69,389,118

MANUFACTURING INDUSTRIES OF

Table 28. - Principal Statistics of the Industries

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
Vegetable Products	282	21,566,754	451	63	701,635
Biscuits, confectionery, cocoa and chocolate	13	352,723	23	6	29,180
Bread and other bakery products ...	159	2,174,799	100	22	121,846
Breweries	5	5,786,560	51	5	131,557
Coffee, tea and spices	3	76,033	7	1	10,720
Flour and feed mills	89	7,807,585	232	23	327,732
Fruit and vegetable preparations ..	3	144,912	5	1	7,226
All other industries	10	5,224,142	33	5	73,374
Animal Products	132	11,951,328	485	135	820,520
Butter and cheese	103	4,680,973	199	79	328,263
Fur goods	5	101,410	3	3	8,928
Leather tanneries	7	31,868	3	1	2,700
Miscellaneous leather goods	6	101,551	5	-	6,275
Slaughtering and meat packing	9	6,810,740	268	51	462,177
All other industries	2	224,786	7	1	12,177
Textiles and Textile Products	40	2,467,769	93	42	239,139
Awnings, tents and sails	3	63,463	4	1	7,742
Clothing, factory, women's	4	58,768	7	5	18,006
Dyeing, cleaning and laundry work .	20	1,328,053	48	20	102,507
Furnishing goods, men's	3	781,936	17	8	83,607
Hats and caps	3	22,965	2	1	2,901
All other industries	7	212,584	15	7	24,376
Wood and Paper Products	342	9,975,032	641	129	952,984
Boxes, wooden	5	636,189	21	1	55,174
Engraving, stereotyping and electrotyping	4	57,867	10	-	14,731
Furniture	9	123,624	11	-	14,206
Planing mills, sash and door factories	15	1,346,224	25	5	43,741
Printing and bookbinding	52	1,533,262	82	14	140,937
Printing and publishing	84	3,043,662	363	101	586,917
Sawmills	160	1,548,532	117	4	69,254
All other industries	13	1,685,672	12	4	28,024
Iron and Its Products	25	9,682,248	164	20	330,463
Automobile supplies	3	72,462	3	4	6,680
Castings and forgings	8	1,327,410	31	5	62,401
Railway rolling stock	3	6,718,756	93	2	196,353

THE PROVINCE OF ALBERTA, 1934.

in Each Group, Province of Alberta, 1934.

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
1,345	188	1,389,331	12,097,760	7,729,010	20,201,578
43	73	71,690	256,598	338,122	602,437
447	83	446,803	1,093,967	1,081,455	2,250,209
161	1	215,288	762,232	2,022,465	2,824,208
9	4	11,906	140,956	49,371	191,624
422	5	393,956	7,745,027	2,613,412	10,531,197
16	6	12,462	62,497	75,548	139,198
247	16	237,226	2,036,483	1,548,637	3,662,705
1,446	196	1,598,769	15,624,569	4,396,724	20,265,175
440	54	495,247	4,598,989	1,712,363	6,412,968
8	16	20,388	32,284	43,825	76,922
8	1	3,716	4,415	16,125	21,164
20	5	16,974	24,926	32,420	57,580
957	120	1,048,041	10,927,070	2,551,896	13,615,298
13	-	14,403	36,885	40,095	81,243
228	577	504,415	874,060	1,126,227	2,048,874
6	5	9,609	41,290	19,022	60,958
8	48	31,332	78,495	72,884	152,173
147	257	274,202	74,498	566,444	681,946
37	194	131,484	515,202	339,459	857,400
3	5	3,469	19,470	8,787	28,868
27	68	54,319	145,105	119,631	267,529
1,740	100	1,438,159	2,670,396	4,051,228	6,831,623
124	1	80,001	166,093	168,241	342,387
3	-	4,282	6,974	42,199	49,592
41	7	36,532	95,715	63,018	159,905
176	1	138,120	264,306	198,075	477,183
205	48	267,553	245,754	597,908	857,212
306	17	481,272	433,244	1,869,522	2,334,869
733	24	319,428	355,824	750,184	1,125,087
152	2	110,971	1,102,486	362,081	1,485,388
1,715	1	1,588,324	1,617,500	2,068,158	3,821,606
26	-	33,540	31,782	48,811	82,218
155	-	159,659	111,761	241,617	369,438
1,429	-	1,308,185	1,259,627	1,488,538	2,856,279

MANUFACTURING INDUSTRIES OF

Table 28. - 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 Its Products - (Concl'd.)					
Sheet metal products	5	534,481	8	5	20,581
All other industries	6	1,029,139	29	4	44,448
Non-Ferrous Metal Products	6	318,568	16	2	29,814
Electrical apparatus and supplies	4	65,188	9	2	8,006
All other industries	2	253,380	7	-	21,808
Non-Metallic Mineral Products	45	14,733,314	139	19	297,885
Aerated and mineral waters	12	580,290	28	4	47,318
Clay products, from domestic clay	9	1,985,871	19	1	41,536
Lime	3	195,583	3	-	4,600
Petroleum products	10	6,622,439	65	7	149,605
Stone, monumental and ornamental.	5	266,040	6	4	13,425
All other industries	6	5,083,091	18	3	41,401
Chemicals and Chemical Products ...	9	413,158	20	5	38,317
All other industries	9	413,158	20	5	38,317
Miscellaneous Products	7	208,054	8	-	14,634
Signs, electric	3	118,088	5	-	5,316
All other industries	4	89,966	3	-	9,318
Central Electric Stations	80	27,102,474	255	40	425,810
TOTAL	968	98,418,699	2,272	455	3,851,201

THE PROVINCE OF ALBERTA, 1934.

Each Group, Province of Alberta, 1934. - (Concl'd.)

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
41	-	28,644	48,213	101,935	152,592
64	1	58,296	166,117	187,257	361,079
30	-	23,504	102,237	108,677	216,731
10	-	8,970	15,939	18,824	36,788
20	-	14,534	86,298	89,853	179,943
853	24	894,915	7,216,577	3,365,546	10,917,027
57	15	58,519	109,771	307,004	422,774
147	-	100,587	-	236,365	246,677
17	-	15,465	-	59,597	65,697
352	-	436,983	6,436,833	1,980,163	8,602,050
18	-	18,234	17,306	75,807	95,318
262	9	265,127	652,667	708,610	1,484,511
33	4	38,349	147,622	276,147	432,908
33	4	38,349	147,622	276,147	432,908
24	-	22,536	30,866	53,961	86,397
7	-	4,281	5,533	20,136	25,861
17	4	18,255	25,333	33,825	60,536
330	-	426,242	-	4,401,197	4,567,199
7,744	1,094	7,924,544	40,381,587	27,576,875	69,389,118

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 29. - Principal Statistics of the Leading Industries, 1934.

Industries	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Slaughtering and meat packing	9	6,810,740	1,396	1,510,218	10,927,070	13,615,298
Flour and feed mills	89	7,807,585	682	721,688	7,745,027	10,531,197
Petroleum products	10	6,622,439	424	586,588	6,436,833	8,602,050
Butter and cheese	103	4,680,973	772	823,510	4,598,989	6,412,968
Central electric stations	80	27,102,474	625	852,052	-	4,567,199
Railway rolling stock	3	6,718,756	1,524	1,504,538	1,259,627	2,856,279
Breweries	5	5,786,560	218	346,845	762,232	2,824,208
Printing and publishing	84	3,043,662	787	1,068,189	433,244	2,334,869
Bread and other bakery products	159	2,174,799	652	568,649	1,093,967	2,250,209
Sawmills	160	1,548,532	878	388,682	355,824	1,125,087
All other leading industries 1/	3	4,702,073	350	303,770	2,278,841	3,707,035
TOTAL, LEADING INDUSTRIES	705	76,998,593	8,308	8,674,729	35,891,654	58,826,399
TOTAL, ALL INDUSTRIES	968	98,418,699	11,565	11,775,745	40,381,587	69,389,118

1/ Includes: sugar refining and wood preservation.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 30. - Cities, Towns and Villages in the Province of Alberta having Three or More Establishments, 1934.

Note: - Figures for Cities, Towns and Villages do not include statistics for Central Electric Stations.

Cities, Towns and Villages	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Calgary	160	29,657,531	4,091	4,328,896	16,041,206	25,293,375
Edmonton	154	17,383,819	3,573	3,822,881	12,233,785	19,090,729
Medicine Hat	20	5,437,683	446	459,143	3,171,761	4,449,130
Lethbridge	25	2,554,143	304	367,664	725,119	2,277,977
Redcliffe	6	1,652,426	215	210,412	326,782	808,648
Wetaskiwin	8	130,838	36	34,649	274,744	344,731
Camrose	8	169,929	32	32,859	148,043	231,059
Red Deer	10	121,232	35	43,811	120,790	201,989
Vegreville	8	72,525	20	17,969	138,114	194,064
Stettler	5	85,546	20	18,231	114,125	143,102
Ponoka	6	67,333	15	14,288	113,970	140,765
Vermilion	5	105,541	15	18,715	96,887	134,877
Didsbury	5	30,169	13	10,429	107,593	134,816
Viking	4	45,160	11	13,243	88,724	123,665
Leduc	5	44,750	13	10,522	81,998	117,412
Blairmore	5	157,537	40	54,263	47,142	115,036
Coronation	5	37,204	12	9,738	87,144	107,064
Drumheller	7	129,842	23	23,813	47,659	101,852
Lacombe	4	61,237	15	8,438	74,605	98,721
Hanna	3	27,072	8	6,621	76,537	95,151
Tofield	4	34,385	7	5,928	74,613	92,721
Innisfail	4	37,600	15	10,246	66,166	87,523
Wainwright	3	219,011	18	14,215	50,603	85,137
Olds	5	44,178	12	11,217	57,879	80,637
Claresholm	6	48,977	9	6,873	55,996	80,094
Trochu	3	15,364	6	3,010	51,985	79,071
Bassano	4	249,192	13	11,484	54,349	75,638
Taber	4	80,819	26	10,934	50,187	73,198
Grande Prairie	9	96,944	33	14,713	31,809	66,399
Peace River	8	65,918	23	11,930	35,396	63,556
Westlock	4	21,914	8	5,706	45,324	61,024
High River	6	63,548	17	13,240	31,365	57,775
Rimbey	4	15,946	8	5,425	43,138	54,863
Bonnyville	3	22,162	5	4,340	39,853	54,066
St. Paul de Metis	4	33,444	11	5,900	44,161	49,995
Castor	4	26,535	8	5,184	36,051	47,328
Mannville	4	21,994	7	5,057	32,981	45,526
Stony Plain	4	35,576	7	2,346	30,731	42,211
Bashaw	4	28,760	9	5,948	28,543	40,485
Vulcan	3	36,500	5	3,701	18,325	38,898
Sexsmith	6	28,319	13	8,538	18,708	38,633
Onoway	5	7,123	8	2,677	31,180	38,115

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 30. - Cities, Towns and Villages in the Province of Alberta having Three or More Establishments, 1934. - (Concl'd.)

Cities, Towns and Villages	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Barrhead	3	18,200	9	5,432	25,239	35,997
Cochrane	3	18,474	6	4,129	27,676	35,363
Gleichen	3	36,851	6	4,840	20,811	30,884
Smoky Lake	4	16,565	9	2,090	16,601	29,610
Rocky Mountain House	4	24,241	9	5,580	19,515	28,490
Athabaska	7	28,143	11	4,041	17,846	28,456
Okotoks	3	16,362	4	3,345	19,055	27,156
Macleod	4	28,606	12	6,042	16,700	26,858
Nanton	4	30,744	7	3,987	12,256	20,785
Fairview	3	15,849	5	2,375	8,761	18,486
Strathmore	3	23,975	3	3,277	8,608	13,692
Chauvin	3	13,248	5	2,560	5,200	10,703
Lac la Biche	4	13,728	6	1,646	4,087	7,696
Edson	3	7,540	3	1,145	2,711	5,376
Mayerthorpe	3	4,755	4	1,825	1,325	4,440

Coleman, Alix, Beverly and Raymond are also important manufacturing centres. Figures cannot, however, be published since there are less than three establishments reporting.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 31. - Capital Invested, Province of Alberta, 1929 to 1934.

Groups of Industries	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products on hand	Operating Capital (cash, bills and accounts receivable, prepaid expenses, etc.)	
	\$	\$	\$	\$	\$
Vegetable products	11,862,892	2,604,055	3,267,160	3,832,647	21,566,754
Animal products	8,222,986	1,065,874	1,066,299	1,596,169	11,951,328
Textiles and textile products	1,691,053	220,821	210,865	345,030	2,467,769
Wood and paper products	7,270,405	888,530	451,279	1,364,818	9,975,032
Iron and its products	8,000,326	1,098,000	254,661	329,261	9,682,248
Non-ferrous metal products	162,987	62,244	30,387	62,950	318,568
Non-metallic mineral products	9,573,855	1,610,468	2,442,690	1,106,301	14,733,314
Chemicals and chemical products	255,841	81,240	24,963	51,114	413,158
Miscellaneous products	153,667	15,833	6,903	31,651	208,054
Central electric stations	26,088,200	348,587	..	665,687	27,102,474
TOTAL, 1934	73,282,212	7,995,652	7,755,207	9,385,628	98,418,699
1933	74,475,088	6,731,119	6,433,977	10,705,037	98,345,221
1932	76,789,261	6,756,264	6,914,420	10,149,843	100,609,788
1931	81,277,959	7,635,168	7,295,076	11,219,400	107,427,603
1930	76,923,567	19,303,309	..	13,703,395	109,930,271
1929	74,100,731	19,437,491	..	14,109,806	107,648,028

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 32. - Power Equipment by Groups of Industries, 1929 to 1934.

Groups of Industries	Electric Motors							
	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Operated by purchased power	Operated by power generated by establishment	Total Electric Motors	Total Power equipment for manufacturing purposes
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Vegetable products	6,598	1,431	3	8,032	8,992	1,616	10,608	17,024
Animal products	3,329	73	-	3,402	5,570	430	6,000	8,972
Textiles and textile products	172	-	-	172	877	-	877	1,049
Wood and paper products.	11,236	1,842	43	13,121	5,813	172	5,985	18,934
Iron and its products ..	25	300	-	325	9,831	-	9,831	10,156
Non-ferrous metal products	-	-	-	-	192	-	192	192
Non-metallic mineral products	2,357	426	-	2,783	10,944	5	10,949	13,727
Chemicals and chemical products	-	-	-	-	278	-	278	278
Miscellaneous products ..	-	-	-	-	79	-	79	79
TOTAL MANUFACTURING INDUSTRIES, 1934								
	23,717	4,072	46	27,835	42,576	2,223	44,799	70,411
1933	21,253	3,893	32	25,178	39,341	2,091	41,432	64,519
1932	21,930	4,009	217	26,156	42,468	2,476	44,944	68,624
1931	22,302	2,406	123	24,831	42,562	3,035	45,597	67,393
1930	21,434	2,283	132	23,849	41,884	3,523	45,407	65,723
1929	21,410	2,035	24	23,469	30,416	5,066	35,482	53,885
CENTRAL ELECTRIC STATIONS, 1934								
	77,067	4,848	69,520	151,435	-	-	-	151,435
1933	76,989	4,630	69,520	151,139	-	-	-	151,139
1932	76,994	4,455	69,520	150,969	-	-	-	150,969
1931	77,204	3,903	69,520	150,627	-	-	-	150,627
1930	75,512	4,266	69,520	149,298	-	-	-	149,298
1929	75,494	4,266	51,520	131,280	-	-	-	131,280

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 33. - Fuel and Electricity Consumed by Groups of Industries, 1934.

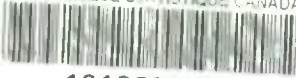
Groups of Industries	Bituminous Coal		Anthracite and Lignite Coal	Coke	Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel	Cost of Electricity
	Quantity	Value									
	Tons	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Vegetable products	12,803	29,713	55,658	9,142	4,277	7,560	16,394	98,778	444	221,966	152,842
Animal products	34,277	60,615	48,254	-	658	1,187	4,475	46,996	2,930	165,115	78,767
Textiles and textile products ...	4,648	10,567	1,847	-	1,960	-	109	19,704	12	34,199	14,388
Wood and paper products	3,552	10,633	3,020	-	10,134	854	2,469	19,350	7,972	54,432	55,567
Iron and its products	17,725	34,807	27,859	89	779	10,640	91	7,494	21	81,780	54,168
Non-ferrous metal products	-	-	-	-	-	-	-	3,691	-	3,691	2,126
Non-metallic mineral products ...	8,983	47,996	7	8,831	526	26,515	3,425	118,628	359	206,287	128,617
Chemicals and chemical products .	-	-	-	-	6	12	-	689	3,484	4,191	4,948
Miscellaneous products	-	-	-	-	2	-	-	561	-	563	1,007
Central electric stations	3,458	9,935	104,354	-	4,602	31,581	6,029	9,501	-	166,002	-
TOTAL COST OF FUEL AND ELECTRICITY	85,446	204,266	240,999	18,062	22,944	78,349	32,992	325,392	15,222	938,226	492,430

MANUFACTURING INDUSTRIES OF THE PROVINCE OF ALBERTA, 1934.

Table 34. - Fuel and Electricity Consumed in the Manufacturing Industries, Province of Alberta, 1930 to 1934.

Kinds of Fuel	Unit of Measure	1930		1931		1932		1933		1934	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
			\$		\$		\$		\$		\$
Bituminous Coal -											
Canadian	Ton	157,840	504,971	115,782	366,734	92,450	238,578	85,755	191,127	85,423	203,803
Imported	"	-	-	-	-	-	-	20	436	23	463
Anthracite coal ..	Ton	207	1,298	-	-	-	-	633	2,097	113	796
Lignite Coal -											
Canadian	Ton	152,730	342,846	132,917	248,574	140,648	253,933	132,541	225,393	137,467	240,203
Imported	"	-	-	-	-	-	-	-	-	-	-
Coke	Ton	5,298	22,628	3,500	14,170	6,270	42,706	1,805	11,778	3,350	18,062
Gasoline	Gallon	96,619	30,582	57,889	16,286	69,549	19,602	56,564	15,633	76,413	22,944
Fuel oils	Gallon	2,046,033	118,665	1,673,881	99,800	2,696,497	88,840	2,076,613	82,552	1,327,209	78,349
Wood	Cord	7,304	24,435	7,812	21,588	11,321	25,752	12,219	26,210	16,024	32,992
Gas -											
Manufactured ..	M cu. ft.	349,964	79,815	111,123	21,186	317,926	18,313	174,300	43,068	162,056	28,676
Natural	M cu. ft.	3,426,213	375,340	3,149,255	343,471	2,202,478	293,258	2,204,373	238,088	2,816,330	296,716
Other fuel	-	-	12,971	-	11,103	-	9,191	-	9,711	-	15,222
COST OF FUEL	-	-	1,513,551	-	1,142,912	-	990,173	-	846,093	-	938,226
Cost of electricity	-	-	443,851	-	462,242	-	456,246	-	453,409	-	492,430
TOTAL COST OF FUEL AND ELECTRICITY	-	-	1,957,402	-	1,605,154	-	1,446,419	-	1,299,502	-	1,430,656

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010692806