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THE MANUFACTURING INDUSTRIES OF CANADA

1957

Section E

PRAIRIE PROVINCES

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes as follows: **Volume I** — The Primary Industries, including mining, forestry and fishing: **Volume II** — Manufacturing: **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups:

- I — General Review of the Manufacturing Industries
- II — The Manufacturing Industries of Canada,
 - (7 sections, see below:)
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
 - X — Wood and Paper Products
 - XI — Printing Trades
 - XII — Iron and Steel Products
 - XIII — Transportation Equipment
 - XIV — Non-ferrous Metal Products
 - XV — Electrical Apparatus and Supplies
 - XVI — Non-metallic Mineral Products
 - XVII — Products of Petroleum and Coal
 - XVIII — Chemicals and Allied Products
 - XIX — Miscellaneous Manufactures

The present report belongs in Part II. It is punched to permit of filing in a ring binder along with other reports of the group, the full list of which is as follows:

- Section A. Summary for Canada
- Section B. Atlantic Provinces
- Section C. Province of Quebec
- Section D. Province of Ontario
- Section E. Prairie Provinces
- Section F. Province of British Columbia, including Yukon and Northwest Territories
- Section G. The Manufacturing Industries of Canada,
Regional Distribution

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

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THE MANUFACTURING INDUSTRIES OF CANADA

1957

Section E

PRAIRIE PROVINCES

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor vehicles and power machinery on farms has given rise to petroleum refineries in each province. This industry has made tremendous strides in the Prairie Provinces since 1949. At that time it ranked third in importance, being outranked by slaughtering and meat packing which was then in first place and by flour mills which ranked second. In 1956 it assumed the premier position in the Prairie Provinces in selling value of factory shipments. Of greater significance is the fact that it has increased its proportion of the total manufacturing production of the Prairie Provinces from 8.5 p.c. in 1949 to 19.6 p.c. in 1957. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water power, forests and, more recently, minerals, have given rise to quite a diversification of industrial production. In Saskatchewan, while the main economic role continues to be played by agriculture, both oil and mineral wealth are being developed.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing with shipments valued at \$297,702,000 in 1957 again assumed the premier position, displacing petroleum products which came a close second with shipments valued at \$292,043,000. Butter and cheese ranked third with \$100,977,000 followed by flour mills with \$85,975,000 and railway rolling stock \$49,745,000. These five industries accounted for about 55 p.c. of the total value of factory shipments of the Prairie Provinces. Other leading industries, in order of value of factory shipments and with shipments of \$15,000,000 or more were: bread and other bakery products, printing and publishing, breweries, men's factory clothing, sash, door and planing mills, furniture, miscellaneous food preparations, bridge and structural steel, concrete products, sheet metal products, pulp and paper, sawmills, printing and bookbinding, aircraft and parts, sugar refining, hydraulic cement, prepared stock and poultry feeds, carbonated beverages, and boxes and bags, paper. Non-ferrous metal smelting and refining is also a major industry in the Prairie Provinces. Information concerning it cannot, however, be published without disclosing the operations of individual companies.

In water-power resources, the Prairie Provinces are not so well endowed as the more highly industrialized provinces of Quebec, Ontario and British Columbia. At the end of 1957 power installation in the three provinces totalled only 1,221,745 h.p. or about 6 p.c. of the Canadian total. Manitoba had 803,900 h.p., Saskatchewan 109,835 h.p. and Alberta

308,010 h.p. With the present developments of natural gas and oil, the Prairie Provinces, will in large measure be able to overcome a lack of water-power resources which is so vital to industrial development.

In the Prairie Provinces, the nature of developments vary from one province to another. Alberta has moved to the forefront, especially since 1950. There the emphasis has been more on the manufacture of machinery and equipment for the burgeoning oil and gas industries. Chemicals, and especially petrochemicals, have made striking gains; second in terms of new growth, they now embrace various rayon intermediates and polythene plastics, as well as fertilizers and the manufacture of other new inorganic products like caustic soda and chlorine. Sizeable gains have been made by the expansion of food-processing plants and the construction of still more factories for making building materials, transportation equipment, paper products and textiles. Based on the increase in employment between 1949 and 1957, the iron and steel products group with an increase of 2,423 employees reported the greatest expansion in production. This was followed by foods and beverages with an increase of 2,061 employees, chemicals and allied products 1,341, transportation equipment 1,314, products of petroleum and coal 1,309, paper products 1,029, non-metallic mineral products 879, printing, publishing and allied industries 771, and non-ferrous metal products 711. Minor increases were reported by the remaining groups, with wood products remaining practically unchanged.

Developments in Saskatchewan, by contrast, have continued along more or less traditional lines since 1949. The largest gain of 722 employees has been recorded by the products of petroleum and coal group which includes oil refineries. The second highest gain of 188 employees was reported by the non-metallic mineral products group which consists of a number of industries manufacturing building materials. Considerable expansion was also reported by the printing, publishing and allied industries. Wood products with a drop of 211 employees was the only major group to report a decline in production; this no doubt being due to the decline in the exports of lumber and its products during the past few years.

Although Manitoba experienced considerable development in manufacturing production since 1949, it did not, percentagewise, keep pace with the other two Prairie Provinces. The change was not so much in the magnitude but rather in the nature of manufacturing production. The emphasis has shifted from the production of food and clothing to the production of products of mineral origin, such as iron and steel, non-metallic mineral products and products of petroleum and coal. There was also a wider diversification of products as is evidenced by the increase of 291 employees in the miscellaneous group. For manufacturing as a whole the increase in the number employed totalled 1,928. The largest increase of 630 was reported by the iron and steel group. The products of petroleum and coal group with 552

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reported the second largest increase, followed by electrical apparatus and supplies with 515, non-metallic mineral products 499, transportation equipment 344, miscellaneous industries 291 and paper products 214. Only three groups reported major declines in employment: foods and beverages 696, clothing, including knitting mills, 300 and textiles 243. The foods and beverages group which in 1949 accounted for 25 p.c. of the employment in manufacturing, accounted for only 23 p.c. of the total in 1957. The foods and beverages group with 9,930 employees was still in first place in 1957 as an employer of labour. This was followed by transportation equipment with 7,006, clothing, including knit-

ting mills, 6,083, iron and steel products 5,404, printing, publishing and allied industries 3,909 and wood products 3,186. These six groups accounted for 81 p.c. of the manufacturing employment in Manitoba.

According to Table 1, manufacturing establishments in 1957 numbered 4,327 for the Prairie Provinces as a whole. These plants furnished employment to 94,985 persons who received \$318,153,043 in salaries and wages. They also shipped goods with a selling value at the factory of \$1,755,125,360 and spent \$1,030,039,991 for materials, while the value added by manufacture totalled \$694,798,654.

Principal Statistics of the Prairie Provinces, 1957

	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	number					
Manitoba	1,590	43,884	140,200	379,799	273,163	664,530
Saskatchewan	844	12,012	40,875	189,107	109,599	306,115
Alberta	1,893	39,089	137,078	461,134	312,037	784,480
Total	4,327	94,985	318,153	1,030,040	694,799	1,755,125

In spite of the rapid development in the Prairie Provinces since 1939, manufacturing production did not keep pace with the developments in the more industrialized provinces of Ontario, Quebec and British Columbia. This is indicated by the slight drop in the Prairie Provinces' share of the Canadian total from 8.13 p.c. in 1939 to 7.91 p.c. in 1953. In 1954 conditions were reversed. The Prairie Provinces reported an increase of 1.4 p.c. in the value of factory shipments as compared with a decline of 1.3 p.c. for Canada as a whole. As a result of this the Prairie Provinces' share of the Canadian total was again 8.13 p.c., the same as in 1939. In 1955

and 1956, however, the situation deteriorated again with the percentage of the total dropping to 7.82. There was an improvement in 1957, the percentage increasing to 7.91, the same as it was in 1953.

According to the table below, Manitoba and Saskatchewan did not keep pace with manufacturing developments in Canada as a whole. Alberta on the other hand fared much better. Compared with 1949 employment increased by 47.9 p.c. and value of factory shipments by 110.9 p.c. This compares with increases for Canada as a whole of 16.0 p.c. and 77.8 p.c. respectively.

Variation in Employment and Factory Shipments, 1957 Compared with 1949

Province	Employees	Earnings	Selling value of factory shipments	
			per cent	
Manitoba			+ 4.6	+ 62.9
Saskatchewan			+ 10.8	+ 79.7
Alberta			+47.9	+148.7
Prairie Provinces			+19.9	+ 94.1
Canada			+16.0	+ 86.0

TABLE 1. Principal Statistics of the Manufacturing Industries of Canada, by Provinces, 1957

Provinces	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments
	number					
Newfoundland	916	10,473	32,783,715	53,995,122	56,543,792	117,713,795
Prince Edward Island	193	1,663	3,278,822	18,315,249	6,579,507	24,952,853
Nova Scotia	1,356	31,530	90,634,615	238,286,745	175,682,924	427,299,045
New Brunswick	981	20,985	60,485,307	174,741,863	123,547,460	311,795,501
Quebec	12,250	449,383	1,477,828,336	3,570,908,799	2,947,897,608	6,679,595,056
Ontario	13,580	644,245	2,430,676,464	5,827,317,500	5,047,710,789	11,078,592,683
Manitoba	1,590	43,884	140,200,256	379,799,214	273,162,757	664,529,736
Saskatchewan	844	12,012	40,875,349	189,106,737	109,598,807	306,115,112
Alberta	1,893	39,089	137,077,438	461,134,040	312,037,090	784,480,512
British Columbia	4,250	105,631	405,129,932	985,519,123	767,914,301	1,785,298,750
Yukon and Northwest Territories	22	166	657,765	1,627,311	1,409,691	3,221,268
Canada	37,875	1,359,061	4,819,627,999	11,900,751,703	9,822,084,726	22,183,594,311

¹ Calculated value of production (shipments plus closing inventory, minus opening inventory of finished products) less cost of materials and fuel and electricity used.

SUBSECTION 1
PROVINCE OF MANITOBA

TABLE 2. Principal Statistics of the Manufacturing Industries of Manitoba, 1931 to 1957

Year	Establishments	Capital	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
							dollars
	No.	\$	No.				
1931	894	123,861,840	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	39,559,035	109,621,432
1936	1,011	118,515,841	22,507	24,490,299	74,374,078	45,015,577	122,050,502
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1938	1,072	114,367,743	23,507	27,195,923	80,447,740	48,308,248	131,770,280
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1940	1,171	132,978,496	26,679	31,940,562	101,693,250	62,352,698	167,919,165
1941	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1942	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1943	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
1944	1,290	Not collected	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945	1,302	"	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946	1,357	"	38,367	61,018,345	223,096,935	122,780,805	351,887,099
1947	1,413	"	39,378	68,972,653	236,936,343	139,373,521	383,130,281
1948	1,399	"	40,522	79,230,931	296,606,269	157,426,179	461,974,200
1949	1,520	"	41,956	86,088,380	299,101,498	167,335,495	474,681,912
1950	1,507	"	40,985	88,701,601	300,384,707	177,051,583	485,906,206
1951	1,512	"	41,459	100,170,966	349,203,612	192,848,667	551,346,046
1952	1,531	"	43,365	112,147,572	347,664,650	216,814,306	574,037,212
1953	1,540	"	43,740	121,126,279	345,403,115	229,797,439	584,872,459
1954	1,522	"	41,224	116,454,886	328,827,609	232,487,743	571,408,772
1955	1,549	"	41,318	121,718,573	329,698,765	247,472,108	588,351,081
1956	1,534	"	42,821	133,505,971	367,024,766	270,017,554	647,389,185
1957	1,590	"	43,884	140,200,256	379,799,214	273,162,757	564,529,736

¹ Prior to 1952 the value added by manufacture is computed by subtracting the cost of materials, fuel and electricity used from the gross value of products and in 1952 and 1953 from the factory shipments. In 1954 and subsequent years the deduction is made from the calculated value of production (shipments plus closing inventory, minus opening inventory of finished products).

² In 1952 and subsequent years the basis of collection is "Value of factory shipments" instead of "Gross value of products."

TABLE 3. Principal Statistics Compared, 1956 and 1957

Principal statistics		1956	1957	+Increase -Decrease
Establishments	No.	1,534	1,590	+ 56
Supervisory and office employees:				
Male	"	6,549	6,756	+ 207
Female	"	2,449	2,614	+ 165
Salaries	\$	34,167,889	37,153,699	+ 2,985,810
Production workers:				
Male	No.	26,191	26,667	+ 476
Female	"	7,632	7,847	+ 215
Wages	\$	99,338,082	103,046,557	+ 3,708,475
Cost of fuel and electricity	\$	13,502,279	13,894,544	+ 392,265
Cost at plant of materials used	\$	367,024,766	379,799,214	+ 12,774,448
Value added by manufacture ¹	\$	270,017,554	273,162,757	+ 3,145,203
Selling value of factory shipments	\$	647,389,185	664,529,736	+17,140,551

¹ See footnote 1, Table 1, p. 6.

TABLE 4. Principal Statistics of the Leading Industries of Manitoba, 1957

No.	Industries	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments	
			number					
						dollars		
1	Slaughtering and meat packing	11	3,058	11,782,928	82,494,172	26,131,616	110,144,729	
2	Petroleum products	4	656	2,731,140	31,462,751	21,319,719	54,990,334 ²	
3	Railway rolling stock	4	4,822	17,205,635	17,040,452	16,626,328	34,233,639 ²	
4	Butter and cheese	68	1,237	3,763,447	22,927,023	6,632,288	29,683,726	
5	Clothing, men's factory	53	2,936	6,247,408	15,035,636	9,671,599	24,451,810	
6	Flour mills	8	509	1,545,269	17,441,933	2,660,334	20,262,344	
7	Furniture	121	1,879	5,554,293	11,019,816	8,704,185	19,938,463	
8	Miscellaneous food preparations	23	560	1,978,338	13,729,992	5,486,590	19,436,791	
9	Printing and publishing	82	2,017	6,710,001	5,433,722	12,913,255	18,456,968	
10	Pulp and paper	3	601	2,673,326	6,554,318	10,014,693	17,892,512	
11	Bread and other bakery products	151	1,787	5,230,827	7,405,080	8,702,917	16,754,054	
12	Clothing, women's factory	25	1,598	4,018,489	7,147,248	6,173,662	13,195,854	
13	Breweries	6	658	2,756,707	2,683,476	9,817,615	12,709,063	
14	Sheet metal products	28	994	3,418,375	7,124,725	4,156,765	11,548,452	
15	Printing and bookbinding	84	1,296	4,262,694	3,737,717	7,134,925	10,938,190	
16	Boxes and bags, paper	10	623	2,038,511	6,717,074	3,729,418	10,492,886	
17	Miscellaneous iron and steel products	12	695	2,686,654	5,007,882	3,390,263	8,813,615	
18	Agricultural implements	15	525	1,731,666	4,387,715	3,902,455	7,976,629	
19	Feeds, stock and poultry, prepared ..	39	232	672,736	5,654,241	1,803,850	7,532,692	
20	Carbonated beverages	22	351	1,095,749	2,253,520	4,015,147	6,421,040	
21	Paints, varnishes and lacquers	5	270	782,408	3,121,045	2,394,990	5,615,576	
22	Biscuits	3	363	1,021,189	2,703,208	2,757,103	5,457,232	
23	Bags, cotton and jute	3	196	574,493	4,438,291	983,856	5,406,747	
24	Other leading industries ³	11	4,148	15,733,345	28,579,862	32,674,334	63,575,933	
25	Totals, leading industries	791	32,011	106,300,628	314,100,899	211,797,907	535,929,279	
26	Totals, all industries	1,590	43,884	140,200,256	379,799,214	273,162,757	664,529,736	

¹ See footnote 1, Table 1, page 6.² Reported on a production basis.³ Includes Aircraft and parts, Bridge and structural steelwork, Cement, hydraulic, Gypsum products, Non-ferrous metal smelting and refining, Primary iron and steel, and Sugar refining.

TABLE 5. Principal Statistics by Industrial Groups, 1956 and 1957

No.	Industrial groups	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
1956					
1	Foods and beverages	372	1,717	633	8,570,237
2	Tobacco and tobacco products	—	—	—	—
3	Rubber products	3	3	2	10,100
4	Leather products	21	53	17	299,299
5	Textiles	37	87	56	554,674
6	Knitting mills	4	12	9	68,948
7	Clothing	154	391	244	2,581,032
8	Wood products	281	512	102	2,062,723
9	Paper products	24	222	75	1,411,130
10	Printing, publishing and allied industries	295	997	551	4,694,349
11	Iron and steel products	130	950	253	5,297,557
12	Transportation equipment	28	602	136	3,046,492
13	Non-ferrous metal products	18	66	16	407,544
14	Electrical apparatus and supplies	20	189	72	958,539
15	Non-metallic mineral products	44	190	45	838,189
16	Products of petroleum and coal	7	257	86	1,725,601
17	Chemicals and allied products	37	184	113	1,047,327
18	Miscellaneous industries	59	117	39	594,148
19	Totals, 1956	1,534	6,549	2,449	34,167,889
1957					
20	Foods and beverages	390	1,601	614	8,556,444
21	Tobacco and tobacco products	—	—	—	—
22	Rubber products	3	2	—	4,837
23	Leather products	21	50	13	269,294
24	Textiles	32	73	33	448,684
25	Knitting mills	4	12	9	69,795
26	Clothing	152	396	227	2,813,684
27	Wood products	327	573	102	2,207,437
28	Paper products	25	232	76	1,507,182
29	Printing, publishing and allied industries	296	1,007	582	5,264,759
30	Iron and steel products	133	991	248	5,742,537
31	Transportation equipment	26	715	204	4,000,859
32	Non-ferrous metal products	17	67	21	432,855
33	Electrical apparatus and supplies	20	240	73	1,139,196
34	Non-metallic mineral products	41	205	66	986,625
35	Products of petroleum and coal	6	291	190	2,059,894
36	Chemicals and allied products	37	189	113	1,043,383
37	Miscellaneous industries	60	112	43	606,234
38	Totals, 1957	1,590	6,756	2,614	37,153,699

¹ See footnote 1, Table 1, page 6.

TABLE 5. Principal Statistics by Industrial Groups, 1956 and 1957

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.				dollars		
6,058	1,514	22,911,240	9,922	31,481,477	3,134,147	163,529,747	70,130,282	236,670,887	1
—	—	—	—	—	—	—	—	—	2
2	5	15,168	12	25,268	1,375	45,762	92,963	132,100	3
332	291	1,267,733	693	1,567,032	46,231	3,454,036	2,582,782	5,919,663	4
225	371	1,248,506	739	1,803,180	75,621	7,352,877	3,332,823	10,760,076	5
8	49	88,115	78	157,063	8,056	477,023	344,375	823,300	6
1,108	3,985	10,805,195	5,728	13,386,227	209,067	25,549,658	20,256,204	45,851,864	7
2,217	202	6,169,015	3,033	8,231,738	437,745	15,914,000	12,771,097	29,139,174	8
971	244	4,025,469	1,512	5,436,599	1,404,982	15,196,062	15,386,379	31,907,448	9
1,796	449	7,049,152	3,793	11,743,501	276,096	9,907,556	21,263,529	31,369,604	10
4,294	45	14,496,194	5,542	19,793,751	1,346,659	35,083,313	38,375,541	72,773,774	11
5,792	74	19,787,400	6,604	22,833,892	676,915	23,289,773	24,308,367	48,179,474	12
376	7	1,362,335	465	1,769,879	572,850	9,199,933	12,023,303	21,710,535	13
674	115	2,272,137	1,050	3,230,676	104,403	5,916,614	6,634,950	12,545,808	14
1,152	16	3,508,430	1,403	4,346,619	2,839,876	7,490,955	12,275,640	22,547,633	15
437	—	1,857,484	780	3,583,085	2,088,022	33,047,319	20,460,973	55,653,836	16
370	77	1,117,820	744	2,165,147	175,078	7,840,099	6,128,728	14,012,930	17
379	188	1,356,689	723	1,950,837	105,156	3,730,039	3,649,618	7,391,079	18
26,191	7,632	99,338,082	42,821	133,505,971	13,502,279	367,024,766	270,017,554	647,389,185	19
6,232	1,483	24,588,397	9,930	33,144,841	3,453,689	171,240,401	76,757,552	250,482,379	20
—	—	—	—	—	—	—	—	—	21
3	3	10,844	8	15,681	2,295	41,670	19,828	71,113	22
342	334	1,474,038	739	1,743,332	46,949	3,635,339	2,586,538	6,052,925	23
134	296	886,065	536	1,334,749	52,990	6,117,448	2,292,840	8,389,340	24
19	51	101,465	91	171,260	6,890	434,018	442,094	853,862	25
1,176	4,193	10,970,341	5,992	13,784,025	209,228	27,136,383	20,964,567	47,725,534	26
2,294	217	6,410,442	3,186	8,617,879	416,203	16,176,207	13,536,570	30,076,152	27
1,012	239	4,201,163	1,559	5,708,345	1,561,945	17,349,120	16,477,807	35,221,527	28
1,867	453	7,459,169	3,909	12,723,928	310,008	10,724,102	22,635,581	33,535,974	29
4,113	52	14,053,498	5,404	19,796,035	1,196,995	35,125,767	30,043,379	66,553,231	30
6,010	77	20,814,403	7,006	24,815,262	794,329	25,304,378	28,570,975	54,417,262	31
389	7	1,453,692	484	1,886,547	539,075	8,088,301	6,313,357	15,052,447	32
700	136	2,588,076	1,149	3,727,272	147,184	7,260,761	7,892,399	14,921,194	33
1,100	20	3,470,416	1,391	4,457,041	2,494,589	6,963,541	11,244,425	20,799,126	34
502	5	1,892,691	988	3,952,585	2,365,629	32,203,109	21,884,518	56,453,688	35
372	75	1,214,161	749	2,257,544	183,326	8,362,710	7,447,957	16,163,547	36
402	206	1,457,696	763	2,063,930	113,220	3,635,959	4,052,370	7,760,435	37
26,667	7,847	103,046,557	43,884	140,200,256	13,894,544	379,799,214	273,162,757	664,529,736	38

TABLE 6. Principal Statistics of the Individual Industries, 1957

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
1. Foods and beverages:					
1	Bakery products:				
1	Biscuits	3	36	23	225, 246
2	Bread and other bakery products	151	243	81	965, 562
Beverages:					
3	Breweries	6	117	31	700, 542
4	Carbonated beverages	22	90	31	502, 753
Canning and processing:					
5	Fruit and vegetable preparations	9	23	10	123, 010
Dairy products:					
6	Butter and cheese	68	161	132	874, 511
7	Milk pasteurizing plants	10	24	10	123, 393
Grain mill products:					
8	Feeds, stock and poultry, prepared	39	58	8	211, 849
9	Feed mills	10	10	3	29, 508
10	Flour mills	8	87	47	444, 744
Meat products:					
11	Sausage and sausage casings	10	22	7	155, 240
12	Slaughtering and meat packing	11	560	147	2, 989, 148
Other food industries:					
13	Confectionery	13	29	15	149, 655
14	Animal oils and fats	2			
15	Foods, breakfast	2			
16	Macaroni and kindred products	2			
17	Sugar refining	1			
18	Miscellaneous food preparations	23	97	61	848, 169
19	Totals	390	1, 601	614	8, 556, 444
20	2. Tobacco and tobacco products	—	—	—	—
3. Rubber products:					
21	Rubber goods, including footwear	3	2	—	4, 837
22	Totals	3	2	—	4, 837
4. Leather products:					
23	Footwear, leather	6	13	3	71, 540
24	Gloves and mittens, leather	7	16	4	107, 840
25	Leather tanning	1			
26	Miscellaneous leather goods, n.e.s.	7	21	6	89, 914
27	Totals	21	50	13	269, 294
5. Textiles:					
28	Awnings, tents and sails	7	11	5	70, 923
29	Bags, cotton and jute	3	28	12	187, 717
30	Embroideries, pleating, hemstitching, etc.	5	4	5	29, 187
31	Miscellaneous textiles n.e.s.	12	17	4	80, 523
32	Automobile accessories, fabric	2			
33	Carpets, mats and rugs	2			
34	Woollen cloth	1			
35	Totals	32	73	33	448, 684
6a. Knitting mills:					
36	Hosiery	1			
37	Knitted goods	3	12	9	69, 795
38	Totals	4	12	9	69, 795
6b. Clothing:					
Men's, women's and children's clothing:					
39	Clothing, children's, factory	7	16	12	143, 786
40	Clothing, men's, factory	53	145	112	982, 602
41	Clothing, women's, factory	25	87	54	905, 364
Miscellaneous clothing:					
42	Fur goods	47	87	20	424, 839
43	Hats and caps	13	30	13	181, 576
44	Clothing n.e.s.	4	13	13	79, 673
45	Clothing contractors, women's	1			
46	Fur dressing and dyeing	2			
47	Totals	152	396	227	2, 813, 684

TABLE 6. Principal Statistics of the Individual Industries, 1957

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
dollars									
146	158	795,943	363	1,021,189	76,527	2,703,208	2,757,103	5,457,232	1
1,105	358	4,315,265	1,787	5,280,827	639,730	7,405,080	8,702,917	16,754,054	2
507	3	2,056,165	658	2,756,707	196,185	2,683,476	9,817,615	12,709,063	3
206	24	592,996	351	1,095,749	168,084	2,253,520	4,015,147	6,421,040	4
74	63	244,258	170	367,268	33,783	1,255,083	697,213	1,861,674	5
885	59	2,888,936	1,237	3,763,447	529,679	22,927,023	6,632,288	29,683,726	6
172	1	561,667	207	685,060	91,657	2,751,283	1,320,391	4,161,195	7
161	5	460,887	232	672,736	113,898	5,654,241	1,803,850	7,532,692	8
9	—	21,850	22	51,358	8,133	174,935	95,714	279,460	9
339	36	1,100,525	509	1,545,269	194,386	17,441,933	2,660,334	20,262,344	10
100	33	396,436	162	551,676	49,151	2,941,861	605,951	3,601,038	11
1,999	352	8,793,780	3,058	11,782,928	678,506	82,494,172	26,131,616	110,144,729	12
100	202	641,419	346	791,074	51,402	1,911,985	1,394,572	3,340,723	13
193	23	588,101	268	801,215	297,200	4,912,609	4,636,251	8,836,618	14
236	166	1,130,169	560	1,978,338	325,368	13,729,992	5,486,590	19,436,791	15
6,232	1,483	24,588,397	9,930	33,144,841	3,453,689	171,240,401	76,757,552	250,482,379	16
—	—	—	—	—	—	—	—	—	17
3	3	10,844	8	15,681	2,295	41,670	19,828	71,113	18
3	3	10,844	8	15,681	2,295	41,670	19,828	71,113	19
166	114	658,883	296	730,423	9,420	1,704,366	1,031,236	2,636,255	20
85	155	459,175	260	567,015	10,915	954,978	801,355	1,694,003	21
91	65	355,980	183	445,894	26,614	975,995	753,947	1,722,667	22
342	334	1,474,038	739	1,743,332	46,949	3,635,339	2,586,538	6,052,925	23
19	52	131,425	87	202,348	7,927	532,518	310,586	827,894	24
59	97	386,776	196	574,493	23,578	4,438,291	983,856	5,406,747	25
1	30	47,988	40	77,175	2,233	54,351	122,269	179,058	26
23	72	174,470	116	254,993	10,941	730,333	498,538	1,235,151	27
32	45	145,406	97	225,740	8,311	361,955	377,591	740,490	28
134	296	886,065	536	1,334,749	52,990	6,117,448	2,292,840	8,389,340	29
19	51	101,465	91	171,260	6,890	434,018	442,094	853,862	30
19	51	101,465	91	171,260	6,890	434,018	442,094	853,862	31
56	273	578,941	357	722,727	10,543	1,332,231	1,302,302	2,643,057	32
394	2,285	5,264,806	2,936	6,247,408	101,198	15,035,636	9,671,599	24,451,810	33
385	1,072	3,113,125	1,598	4,018,489	40,932	7,147,248	6,173,662	13,195,854	34
187	173	969,452	467	1,394,291	28,336	2,343,494	1,827,405	4,198,997	35
54	282	567,650	379	749,226	11,833	1,022,834	1,069,732	2,051,750	36
2	40	77,582	68	157,255	4,793	173,565	208,907	389,972	37
98	68	398,785	187	494,629	11,593	81,375	710,960	794,094	38
1,176	4,193	10,970,341	5,992	13,784,025	209,228	27,136,383	20,964,567	47,725,534	39

TABLE 6. Principal Statistics of the Individual Industries, 1957 — Continued

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
7. Wood products:					
1	Furniture	121	273	79	1,476,378
2	Saw and planing mills:				
3	Sash, door and planing mills	36	84	10	365,179
4	Sawmills	143	161	—	148,071
5	Veneer and plywood	3	6	1	15,709
Other wood industries:					
6	Boxes and baskets, wood	6	20	2	82,413
7	Morticians' goods	3	8	3	35,799
8	Excelsior	2	5	2	21,227
9	Woodenware	1			
10	Miscellaneous wood products, n.e.s.	12	16	5	62,661
10	Totals	327	573	102	2,207,437
8. Paper products:					
11	Boxes and bags, paper	10	92	43	651,318
12	Pulp and paper	3	73	8	500,724
13	Roofing paper	4	40	8	193,386
14	Miscellaneous paper goods	8	27	17	161,754
15	Totals	25	232	76	1,507,182
9. Printing, publishing and allied industries:					
Commercial printing:					
16	Printing and bookbinding	84	229	111	1,321,435
17	Trade composition	3	3	1	11,236
Engraving, stereotyping and allied industries:					
18	Engraving, stereotyping and electrotyping	7	71	30	311,635
19	Lithographing	2			
Printing and publishing:					
20	Printing and publishing	82	594	375	3,278,106
21	Publishing (only) of periodicals	118	110	65	342,347
22	Totals	296	1,007	582	5,264,759
10. Iron and steel products:					
23	Agricultural implements	15	66	20	548,689
24	Boilers, tanks and platework	3	24	8	116,250
25	Castings, iron	6	52	15	280,302
26	Hardware, tools and cutlery	5	10	2	32,425
27	Heating and cooking apparatus	4	26	5	153,775
28	Machinery, industrial	16	91	29	517,514
29	Machine shops	36	86	5	367,564
30	Sheet metal products	28	202	68	1,106,992
31	Wire and wire goods	3	7	—	20,900
32	Miscellaneous iron and steel products	12	159	30	942,564
33	Bridge and structural steel work	2			
34	Machinery, household, office and store	1	268	66	1,655,562
35	Primary iron and steel	2			
36	Totals	133	991	248	5,742,537
11. Transportation equipment:					
37	Boat building	6	8	—	19,255
38	Motor vehicle parts	12	57	17	328,080
39	Railway rolling stock	4	263	3	1,277,640
40	Aircraft and parts	2	387	184	2,375,884
41	Motor vehicles	2			
42	Totals	26	715	204	4,000,859
12. Non-ferrous metal products:					
43	Brass and copper products	5	26	5	234,265
44	Jewellery and silverware	4	8	4	33,220
45	White metal alloys	3	15	12	83,087
46	Miscellaneous non-ferrous metal products	3			
47	Aluminum products	1	18	—	82,283
48	Non-ferrous metal smelting and refining	1			
49	Totals	17	67	21	432,855

¹ See footnote 1, table 1, p. 6.

TABLE 6. Principal Statistics of the Individual Industries, 1957 — Continued

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of material used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
	number	\$	No.			dollars			
1,346	181	4,077,915	1,879	5,554,293	222,293	11,019,816	8,704,185	19,938,463	1
419	1	1,092,600	514	1,457,779	76,513	2,493,301	2,154,613	4,650,645	2
239	—	465,005	400	613,076	51,627	1,166,644	1,079,843	2,298,114 ²	3
54	8	120,692	69	136,401	13,097	179,362	225,869	437,328	4
103	—	249,337	125	331,750	16,293	501,578	444,249	970,655	5
55	16	168,648	82	204,447	7,293	363,764	389,499	756,565	6
14	2	26,224	23	47,451	3,618	70,555	80,958	159,061	7
64	9	210,021	94	272,682	25,469	381,187	457,354	865,321	8
2,294	217	6,410,442	3,186	8,617,879	416,203	16,176,207	13,536,570	30,076,152	10
343	145	1,387,193	623	2,038,511	101,519	6,717,074	3,729,418	10,492,886	11
519	1	2,177,602	601	2,678,326	1,384,890	6,554,318	10,014,693	17,892,512	12
71	—	222,043	119	415,429	54,829	1,142,603	866,505	1,994,917	13
79	93	414,325	216	576,079	20,707	2,935,125	1,867,191	4,841,212	14
1,012	239	4,201,163	1,559	5,708,345	1,561,945	17,349,120	16,477,807	35,221,527	15
697	259	2,941,259	1,296	4,262,694	109,831	3,737,717	7,134,925	10,938,190	16
4	—	8,550	8	19,786	1,074	10,490	38,500	49,964	17
255	57	1,047,465	413	1,359,100	19,598	568,132	1,872,509	2,440,419	18
911	137	3,461,895	2,017	6,740,001	179,505	5,433,722	12,913,255	18,456,968	20
—	—	—	175	342,347	—	974,041	676,392	1,650,433 ²	21
1,867	453	7,459,169	3,909	12,723,928	310,008	10,724,102	22,635,581	33,535,974	22
428	11	1,182,977	525	1,731,666	94,681	4,387,715	3,902,455	7,976,629	23
88	—	242,624	120	358,874	35,747	1,123,542	553,973	1,741,030	24
340	—	1,182,722	407	1,463,024	46,430	1,256,588	2,595,006	3,896,722	25
43	1	111,145	56	143,570	8,848	96,123	216,420	319,293	26
162	1	494,013	194	647,788	29,731	2,073,048	1,186,850	3,320,420	27
279	10	960,579	409	1,478,093	51,467	1,705,315	2,493,811	4,270,633	28
209	—	639,690	300	1,007,254	41,023	704,155	1,465,630	2,262,901	29
716	8	2,311,383	994	3,418,375	116,452	7,124,725	4,156,765	11,548,452	30
15	2	35,407	24	56,307	2,075	23,380	140,782	166,477	31
487	19	1,744,090	695	2,686,654	111,307	5,007,882	3,390,263	8,813,615	32
1,346	—	5,148,868	1,680	6,804,430	659,234	11,623,294	9,941,424	22,237,059	33
4,113	52	14,053,498	5,404	19,796,035	1,196,995	35,125,767	30,043,379	66,553,231	36
23	—	66,048	31	85,303	5,827	111,420	171,747	266,483	37
224	51	782,008	349	1,110,088	47,303	1,377,344	2,772,154	3,950,759	38
4,556	—	15,927,995	4,822	17,205,635	566,859	17,040,452	16,626,328	34,233,639 ²	39
1,207	26	4,038,352	1,804	6,414,236	174,340	6,775,162	9,000,746	15,966,381	40
6,010	77	20,814,403	7,006	24,815,262	794,329	25,304,378	28,570,975	54,417,262	41
117	—	319,004	148	553,269	51,008	1,638,338	1,097,757	2,781,533	43
16	4	44,215	32	77,435	2,200	130,666	193,195	326,405	44
47	3	154,142	77	237,229	48,832	1,476,373	425,389	2,067,534	45
209	—	936,331	227	1,018,614	437,035	4,842,924	4,597,016	9,876,975	47
389	7	1,453,692	484	1,886,547	539,075	8,088,301	6,313,357	15,052,447	49

¹ Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1957 - Concluded

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
13. Electrical apparatus and supplies:					
1	Machinery, heavy, electrical	3	78	18	302,770
2	Refrigerators, vacuum cleaners and appliances	5	24	2	72,900
3	Batteries	2	85	46	533,960
4	Telecommunication equipment	1		7	229,566
5	Miscellaneous electrical apparatus and supplies	9	53		
6	Totals	20	240	73	1,139,196
14. Non-metallic mineral products:					
7	Clay products from domestic clay	6	30	7	89,308
8	Concrete products	10	90	20	356,452
9	Lime	6	5	1	18,825
10	Stone products	10	17	3	81,172
Other non-metallic mineral industries:					
11	Cement, hydraulic	1	57	33	398,172
12	Glass and glass products	2			
13	Gypsum products	2			
14	Salt	1			
15	Miscellaneous non-metallic mineral products	3	6	2	42,696
16	Totals	41	205	66	986,625
15. Products of petroleum and coal:					
17	Petroleum products	4	291	190	2,059,894
18	Coke and gas products	1			
19	Miscellaneous products of petroleum and coal	1			
20	Totals	6	291	190	2,059,894
16. Chemicals and allied products:					
21	Medicinal and pharmaceutical preparations	7	22	28	143,402
22	Paints, varnishes and lacquers	5	50	21	259,937
23	Soaps, washing compounds and cleaning preparations	6	10	3	40,713
Other chemical industries:					
24	Gases, compressed	3	35	14	167,593
25	Miscellaneous chemical products, n.e.s.	6	47	37	321,936
26	Adhesives	1	25	10	109,802
27	Coal tar distillation	2			
28	Inks	2			
29	Polishes and dressings	1			
30	Toilet preparations	2			
31	Vegetable oils	2			
32	Totals	37	189	113	1,043,383
17. Miscellaneous industries:					
33	Brooms, brushes and mops	5	8	5	94,855
34	Orthopaedic and surgical appliances	5	5	1	15,841
35	Plastics products	7	26	11	121,146
Other miscellaneous industries:					
36	Lamps, electric and lamp shades	3	2	1	6,367
37	Signs, electric, neon and other	13	41	12	219,868
38	Stamps and stencils, rubber and metal	5	5	2	26,000
39	Statuary, art goods, regalia and novelties	9	9	1	32,203
40	Artificial flowers and feathers	1	16	10	89,954
41	Candles	1			
42	Clocks, watches and watch cases	2			
43	Hair goods	1			
44	Ice, artificial	1			
45	Instruments and related products	1			
46	Models and patterns, excluding paper	2			
47	Ophthalmic goods	1			
48	Sporting goods	1			
49	Toys and games	1			
50	Miscellaneous industries n.e.s.	1			
51	Totals	60	112	43	606,234
52	Grand totals	1,590	6,756	2,614	37,153,699

¹ See footnote 1, Table 1, p. 6.

TABLE 6. Principal Statistics of the Individual Industries, 1957 — Concluded

Production workers			Total em- ployees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number	\$	No.				dollars			
203	18	612,354	317	915,124	31,356	2,168,726	1,638,684	3,842,408	1
65	—	201,120	91	274,020	8,865	378,200	764,618	1,152,556	2
286	54	1,317,892	471	1,851,852	43,740	1,856,652	3,590,378	5,352,546	3
146	64	456,710	270	686,276	63,223	2,857,183	1,898,719	4,573,684	4
700	136	2,588,076	1,149	3,727,272	147,184	7,260,761	7,892,399	14,921,194	5
141	1	381,719	179	471,027	134,763	46,653	646,281	827,697	7
271	11	726,928	392	1,083,380	164,235	3,221,745	1,300,473	4,773,849	8
99	—	304,290	105	323,115	245,724	128,377	769,117	1,143,218 ²	9
57	3	191,184	80	272,356	10,478	218,786	494,707	698,484	10
516	5	1,814,185	611	2,212,357	1,926,312	3,246,442	7,850,918	13,055,628	11
16	—	52,110	24	94,806	13,077	101,538	182,929	300,250	12
1,100	20	3,470,416	1,391	4,457,041	2,494,589	6,963,541	11,244,425	20,799,126	13
									14
									15
502	5	1,892,691	988	3,952,585	2,365,629	32,203,109	21,884,518	56,453,688	16
									17
502	5	1,892,691	988	3,952,585	2,365,629	32,203,109	21,884,518	56,453,688	18
									19
39	28	172,648	117	316,050	18,785	503,735	890,782	1,467,575	21
168	31	522,471	270	782,408	45,065	3,121,045	2,394,990	5,615,576	22
26	5	67,334	44	108,047	10,731	620,372	718,910	1,384,390	23
37	—	133,797	86	301,390	21,836	214,856	1,180,786	1,411,077	24
45	3	145,003	132	466,939	17,823	1,483,621	1,316,747	2,811,625	25
									26
									27
57	8	172,908	100	282,710	69,086	2,419,081	945,742	3,473,304	28
									29
									30
									31
372	75	1,214,161	749	2,257,544	183,326	8,362,710	7,447,957	16,163,547	32
85	23	217,292	121	312,147	10,584	618,045	417,044	1,019,149	33
5	4	13,452	15	29,293	2,868	30,377	46,747	79,557	34
87	97	369,397	221	490,543	16,487	2,097,883	1,580,785	3,684,247	35
5	1	15,032	9	21,399	2,538	49,118	46,627	103,185	36
138	3	475,813	194	695,681	44,747	416,209	1,073,499	1,543,760	37
7	1	28,007	15	54,007	390	32,760	69,830	102,963	38
37	57	177,089	104	209,292	5,946	162,938	371,986	522,716	39
									40
									41
									42
									43
38	20	161,614	84	251,568	29,660	228,629	445,852	704,858	44
									45
									46
									47
									48
									49
									50
402	206	1,457,696	763	2,063,930	113,220	3,635,959	4,052,370	7,760,435	51
26,667	7,847	103,046,557	43,884	140,200,256	13,894,544	379,799,214	273,162,757	664,529,736	52

¹ Reported on a production basis.

SUBSECTION 2
PROVINCE OF SASKATCHEWAN

TABLE 7. Principal Statistics of the Manufacturing Industries of the Province of Saskatchewan
1931 to 1957

Year	Establishments	Capital	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ¹
							No.
1931	622	42,182,703	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	704	39,915,044	5,547	5,548,729	27,987,307	13,035,785	42,031,223
1936	694	42,055,557	5,782	6,013,378	35,311,152	15,185,500	51,604,510
1937	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1938	678	38,364,021	6,123	6,988,061	43,437,556	16,143,335	61,027,853
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1940	814	40,698,082	7,415	8,412,580	48,654,473	25,857,683	76,284,332
1941	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1942	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1943	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1944	1,054	Not collected	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945	926	"	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946	955	"	11,957	17,956,317	126,595,761	38,459,630	168,356,619
1947	1,001	"	11,723	19,661,970	151,449,021	41,480,520	196,452,199
1948	926	"	10,950	21,038,911	172,423,275	45,053,786	221,363,603
1949	962	"	10,841	22,273,942	164,349,341	47,356,949	215,742,708
1950	887	"	10,596	23,010,469	164,557,306	49,494,641	218,079,955
1951	973	"	11,023	26,290,294	185,151,455	61,088,606	250,813,026
1952	1,022	"	11,307	29,489,862	172,388,119	80,934,157	258,931,776
1953	1,062	"	11,604	32,395,518	180,303,942	79,941,332	266,613,086
1954	1,010	"	11,526	33,509,833	169,326,001	104,560,398	280,733,784
1955	960	"	11,490	34,825,511	174,078,701	113,598,622	295,162,037
1956	798	"	11,536	36,683,383	176,871,188	113,627,642	298,203,489
1957	844	"	12,012	40,875,349	189,106,737	109,598,807	306,115,112

¹ Prior to 1952 the value added by manufacture is computed by subtracting the cost of materials, fuel and electricity used from the gross value of products and in 1952 and 1953 from the factory shipments. In 1954 and subsequent years the deduction is made from the calculated value of production (shipments plus closing inventory, minus opening inventory of finished products).

² In 1952 and subsequent years the basis of collection is "Value of factory shipments" instead of "Gross value of products".

TABLE 8. Principal Statistics Compared, 1956 and 1957

Principal statistics		1956	1957	+ Increase -Decrease
Establishments	No.	798	844	+ 46
Supervisory and office employees:				
Male	"	2,255	2,434	+ 179
Female	"	863	870	+ 7
Salaries	\$	10,471,197	12,031,464	+ 1,560,267
Production workers:				
Male	No.	7,425	7,703	+ 278
Female	"	993	1,005	+ 12
Wages	\$	26,212,186	28,843,885	+ 2,631,699
Cost of fuel and electricity	\$	8,236,492	9,031,509	+ 795,017
Cost at plant of materials used	\$	176,871,188	189,106,737	+12,235,549
Value added by manufacture ¹	\$	113,627,642	109,598,807	- 4,028,835
Selling value of factory shipments	\$	298,203,489	306,115,112	+ 7,911,623

¹ See footnote 1, Table 1, p. 6.

TABLE 9. Principal Statistics of the Leading Industries of Saskatchewan, 1957

No.	Industries	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments
1	Petroleum products	10	1,239	6,002,267	57,499,210	28,645,039	89,580,404 ²
2	Flour mills	9	759	2,697,993	31,484,689	7,041,149	39,194,171
3	Slaughtering and meat packing	9	1,297	4,755,869	28,051,668	10,685,273	38,708,692
4	Butter and cheese	57	1,330	3,922,859	22,552,783	7,685,417	29,836,240
5	Bread and other bakery products	99	1,093	3,293,619	4,850,199	5,738,377	10,925,218
6	Breweries	5	348	1,506,281	2,282,301	7,786,997	10,149,714
7	Printing and publishing	96	1,198	3,804,061	2,243,989	6,534,261	8,882,286
8	Carbonated beverages	26	260	762,849	1,762,208	2,771,439	4,726,878
9	Sheet metal products	9	238	849,955	2,814,549	1,381,120	4,160,052
10	Sash, door and planing mills	32	400	1,220,896	2,297,174	1,742,045	4,113,103
11	Concrete products	22	183	626,926	1,546,596	1,339,631	3,030,895
12	Sawmills	182	487	642,392	1,380,045	1,450,671	2,905,011 ²
13	Feeds, stock and poultry, prepared ..	12	75	210,824	1,702,423	259,394	2,130,011
14	Totals, leading industries listed above ³	568	8,907	30,296,791	160,467,834	83,060,813	248,342,675
15	Totals, all industries	844	12,012	40,875,349	189,106,737	109,598,807	306,115,112

¹ See footnote 1, Table 1, page 6.² Reported on a production basis.³ Cement, hydraulic and Non-ferrous metal smelting and refining are also leading industries. Statistics, however, are confidential since there are less than three firms reporting.

TABLE 10. Principal Statistics by Industrial Groups, 1956 and 1957

No.	Industrial groups	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		
1956					
1	Foods and beverages	225	752	428	3,896,595
2	Tobacco and tobacco products	—	—	—	—
3	Rubber products	—	—	—	—
4	Leather products	—	—	—	—
5	Textiles	8	11	3	38,685
6	Knitting mills	—	—	—	—
7	Clothing	12	32	17	203,217
8	Wood products	241	337	32	652,093
9	Paper products	4	6	2	26,914
10	Printing, publishing and allied industries	185	436	208	2,013,667
11	Iron and steel products	50	133	38	645,970
12	Transportation equipment	5	7	—	18,516
13	Non-ferrous metal products	2	2	2	2
14	Electrical apparatus and supplies	2	2	2	2
15	Non-metallic mineral products	31	85	15	328,921
16	Products of petroleum and coal	12	306	77	1,773,388
17	Chemicals and allied products	9	90	38	548,832
18	Miscellaneous industries ¹	16	60	5	324,399
19	Totals, 1956	798	2,255	863	10,471,197
1957					
20	Foods and beverages	239	807	451	4,576,617
21	Tobacco and tobacco products	—	—	—	—
22	Rubber products	—	—	—	—
23	Leather products	—	—	—	—
24	Textiles	8	11	4	43,332
25	Knitting mills	—	—	—	—
26	Clothing	9	27	13	195,151
27	Wood products	260	351	27	678,302
28	Paper products	5	7	3	30,862
29	Printing, publishing and allied industries	187	465	195	2,124,451
30	Iron and steel products	55	149	38	768,998
31	Transportation equipment	5	7	1	26,149
32	Non-ferrous metal products	2	2	2	2
33	Electrical apparatus and supplies	2	2	2	2
34	Non-metallic mineral products	35	128	20	537,583
35	Products of petroleum and coal	12	315	72	2,066,307
36	Chemicals and allied products	9	103	39	599,127
37	Miscellaneous industries ¹	20	64	7	384,585
38	Totals, 1957	844	2,434	870	12,031,464

¹ See footnote 1, Table 1, page 6.² Confidential. Included in "Miscellaneous industries."

TABLE 10. Principal Statistics by Industrial Groups, 1956 and 1957

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.				dollars		
3,265	607	11,913,710	4,052	15,810,305	1,887,205	88,825,046	38,043,926	128,541,293	1
—	—	—	—	—	—	—	—	—	2
—	—	—	—	—	—	—	—	—	3
—	—	—	—	—	—	—	—	—	4
12	46	101,789	72	140,474	2,980	828,552	245,051	1,084,936	5
—	—	—	—	—	—	—	—	—	6
45	156	377,741	250	580,958	20,945	1,097,655	1,125,369	2,269,760	7
852	22	2,213,772	1,243	2,865,865	210,932	4,615,562	4,856,250	9,633,716	8
10	7	46,119	25	73,033	2,669	134,354	224,409	355,004	9
755	134	2,540,746	1,533	4,554,413	148,276	3,286,240	8,049,612	11,506,711	10
676	4	1,859,023	851	2,504,993	113,876	4,649,601	3,364,004	8,026,237	11
9	—	25,464	16	43,980	3,090	36,501	66,727	106,359	12
2	2	2	2	2	2	2	2	2	13
2	2	2	2	2	2	2	2	2	14
357	7	1,112,233	464	1,441,154	404,058	1,664,998	2,902,571	4,783,369	15
869	2	3,692,736	1,254	5,466,124	3,378,490	54,652,371	28,781,969	86,806,022	16
68	4	231,169	200	780,001	31,233	2,611,721	1,092,119	3,673,536	17
507	4	2,097,684	576	2,422,083	2,032,738	14,468,587	24,875,635	41,416,546	18
7,425	993	26,212,186	11,536	36,683,383	8,236,492	176,871,188	113,627,642	298,203,489	19
3,465	602	13,070,117	5,325	17,646,734	2,007,569	94,112,923	42,906,095	138,105,689	20
—	—	—	—	—	—	—	—	—	21
—	—	—	—	—	—	—	—	—	22
—	—	—	—	—	—	—	—	—	23
13	50	127,171	78	170,503	3,457	805,844	324,117	1,133,586	24
—	—	—	—	—	—	—	—	—	25
55	161	427,794	256	622,945	16,441	1,136,581	1,362,265	2,391,805	26
894	22	2,284,998	1,294	2,963,300	206,766	5,238,966	4,815,441	10,261,733	27
19	14	87,934	43	118,796	8,496	281,875	278,438	552,588	28
767	140	2,877,611	1,567	5,002,062	151,853	3,361,232	8,236,691	11,726,862	29
534	1	1,782,447	722	2,551,445	107,555	4,942,125	3,988,575	8,624,328	30
8	—	25,568	16	51,717	3,976	30,995	87,728	125,840	31
2	2	2	2	2	2	2	2	2	32
2	2	2	2	2	2	2	2	2	33
409	7	1,385,678	564	1,923,261	949,263	2,097,522	5,647,988	8,692,259	34
886	1	4,075,826	1,274	6,142,133	3,466,512	57,801,721	29,060,522	90,339,371	35
79	2	304,705	223	903,832	38,282	2,849,887	1,386,010	4,159,342	36
574	5	2,394,036	650	2,778,621	2,071,339	16,447,066	11,504,937	30,001,709	37
7,703	1,005	28,843,885	12,012	40,875,349	9,031,509	189,106,737	109,598,807	306,115,112	38

¹ Includes: Non-ferrous metal products and Electrical apparatus and supplies.

TABLE 11. Principal Statistics of the Individual Industries, 1957

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		
					\$
1	1. Foods and beverages:				
	Bakery products:				
1	Bread and other bakery products	99	135	70	643,234
2	Beverages:				
2	Breweries	5	42	6	284,501
3	Carbonated beverages	26	51	22	307,852
4	Dairy products:				
4	Butter and cheese	57	131	182	859,810
5	Milk pasteurizing plants	11	14	8	76,306
6	Grain mill products:				
6	Feed, stock and poultry, prepared	12	18	8	69,013
7	Feed mills	4	1	—	500
8	Flour mills	9	197	82	1,152,953
9	Meat products:				
9	Slaughtering and meat packing	9	211	68	1,129,754
10	Other food industries:				
10	Biscuits	1			
11	Confectionery	1		5	50,255
12	Fruit and vegetable preparations	1			
13	Sausage and sausage casings	1			
14	Miscellaneous food preparations	3	2	—	2,439
15	Totals	239	807	451	4,576,617
16	2. Tobacco and tobacco products	—	—	—	—
17	3. Rubber products	—	—	—	—
18	4. Leather products	—	—	—	—
19	5. Textiles:				
19	Awnings, tents and sails	3	3	—	6,100
20	Embroideries, pleating, hemstitching, etc.	4		4	37,232
21	Bags, cotton and jute	1			
22	Totals	8	11	4	43,332
23	6a. Knitting mills	—	—	—	—
24	6b. Clothing:				
24	Men's, women's and children's clothing:				
24	Clothing, men's, factory	1			
25	Clothing, women's, factory	2	15	11	121,009
26	Miscellaneous clothing:				
26	Fur goods	6	12	2	74,142
27	Totals	9	27	13	195,151
28	7. Wood products:				
28	Furniture	34	42	5	105,530
29	Saw and planing mills:				
29	Sash, door and planing mills	32	69	15	291,457
30	Sawmills	182	213	1	142,716
31	Other wood industries:				
31	Boxes and baskets, wood	2	11	2	56,391
32	Veneer and plywood	2			
33	Miscellaneous wood products, n.e.s.	8	16	4	82,208
34	Totals	260	351	27	678,302
35	8. Paper products:				
35	Boxes and bags, paper	3		3	30,862
36	Miscellaneous paper goods n.e.s.	2	7	—	
37	Totals	5	7	3	30,862

¹ See footnote 1, Table 1, p. 6.

TABLE 11. Principal Statistics of the Individual Industries, 1957

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number									
		\$	No.						
dollars									
653	235	2,650,385	1,093	3,293,619	331,474	4,850,199	5,738,377	10,925,218	1
300	—	1,221,780	348	1,506,281	169,808	2,282,301	7,786,997	10,149,714	2
154	33	454,997	260	762,849	201,226	1,762,208	2,771,439	4,726,878	3
944	73	3,063,049	1,330	3,922,859	493,883	22,552,783	7,685,417	29,836,240	4
73	4	232,404	99	308,710	45,081	827,634	528,044	1,400,125	5
47	2	141,811	75	210,824	45,273	1,702,423	259,394	2,130,011	6
5	—	8,170	6	8,670	4,482	72,985	27,613	107,678	7
450	30	1,545,040	759	2,697,993	381,603	31,484,689	7,041,149	39,194,171	8
813	205	3,626,115	1,297	4,755,869	314,340	28,051,668	10,685,273	38,708,692	9
24	10	101,521	44	151,776	18,283	432,074	326,429	774,760	10
2	10	24,845	14	27,284	2,116	93,959	55,963	152,202	11
3,465	602	13,070,117	5,325	17,646,734	2,007,569	94,112,923	42,906,095	138,105,689	12
—	—	—	—	—	—	—	—	—	13
—	—	—	—	—	—	—	—	—	14
—	—	—	—	—	—	—	—	—	15
7	5	21,840	15	27,940	492	24,970	48,754	74,441	16
6	45	105,331	63	142,563	2,965	780,874	275,363	1,059,145	17
13	50	127,171	78	170,503	3,457	805,844	324,117	1,133,586	18
—	—	—	—	—	—	—	—	—	19
28	138	274,520	192	395,529	5,763	746,418	765,731	1,425,410	20
27	23	153,274	64	227,416	10,678	390,163	596,534	966,395	21
55	161	427,794	256	622,945	16,441	1,136,581	1,362,265	2,391,805	22
46	6	120,237	99	225,767	17,258	237,606	334,305	588,305	23
314	2	929,439	400	1,220,896	66,539	2,297,174	1,742,045	4,113,103	24
272	1	499,676	487	642,392	74,295	1,380,045	1,450,671	2,905,011 ²	25
100	11	278,559	124	334,950	18,982	381,375	447,939	841,438	26
162	2	457,087	184	539,295	29,692	942,766	840,481	1,813,876	27
894	22	2,284,998	1,294	2,963,300	206,786	5,238,966	4,815,441	10,261,733	28
19	14	87,934	43	118,796	8,496	281,875	278,438	552,588	29
19	14	87,934	43	118,796	8,496	281,875	278,438	552,588	30

¹ Reported on a production basis.

TABLE 11. Principal Statistics of the Individual Industries, 1957 — Concluded

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
9.	Printing, publishing and allied industries:				
	Commercial printing:				
1	Printing and bookbinding	39	57	13	255,630
2	Printing and publishing:				
3	Printing and publishing	96	364	146	1,640,303
	Publishing (only) of periodicals	47	33	34	140,941
4	Other printing, publishing and allied industries:				
5	Engraving, stereotyping and electrotyping	2			
6	Lithographing	1	11	2	87,577
7	Trade composition	2			
	Totals	187	465	195	2,124,451
10.	Iron and steel products:				
8	Agricultural implements	7	9	1	30,197
9	Castings, iron	7	41	11	271,421
10	Machinery, industrial	9	21	9	102,899
11	Machine shops	18	24	1	102,690
12	Sheet metal products	9			
13	Miscellaneous iron and steel products	4	54	16	261,791
14	Boilers, tanks, and platework	1			
15	Totals	55	149	38	768,998
11.	Transportation equipment:				
16	Motor vehicle parts	4			
17	Miscellaneous transportation equipment	1	7	1	26,149
18	Totals	5	7	1	26,149
12.	Non-ferrous metal products:				
19	Jewellery and silverware	3	3	3	3
20	Non-ferrous metal smelting and refining	3	3	3	3
13.	Electrical apparatus and supplies:				
21	Machinery heavy, electrical	3	3	3	3
22	Miscellaneous electrical apparatus and supplies	3	3	3	3
14.	Non-metallic mineral products:				
23	Clay products from domestic clay	5	21	4	101,544
24	Concrete products	22	48	5	172,807
25	Stone products	3	6	1	15,500
	Other non-metallic mineral industries:				
26	Cement, hydraulic	1			
27	Salt	1	53	10	247,732
28	Miscellaneous non-metallic mineral products	3			
29	Totals	35	128	20	537,583
15.	Products of petroleum and coal:				
30	Petroleum products	10			
31	Miscellaneous products of petroleum and coal	2	315	72	2,066,307
32	Totals	12	315	72	2,066,307
16.	Chemicals and allied products:				
33	Acids, alkalies and salts	1			
34	Gases, compressed	2	96	36	560,039
35	Toilet preparations	1			
36	Vegetable oils	1			
37	Miscellaneous chemical products, n.e.s.	4	7	3	39,088
38	Totals	9	103	39	599,127
17.	Miscellaneous industries:				
39	Brooms, brushes and mops	3	5	1	16,809
40	Signs, electric, neon and other	4	8	1	45,696
	Other miscellaneous industries:				
41	Candles	1			
42	Ice, artificial	1			
43	Stamps and stencils, rubber and metal	2			
44	Jewellery and silverware	3			
45	Machinery, heavy, electrical	2	51	5	322,080
46	Miscellaneous electrical apparatus and supplies	1			
47	Non-ferrous metal smelting and refining	—			
48	Ophthalmic goods	1			
49	Sporting goods	2			
50	Totals ⁴	20	64	7	384,585
51	Grand totals	844	2,434	870	12,031,464

¹ See footnote 1 Table 1, p. 6.² Reported on a production basis.

TABLE 11. Principal Statistics of the Individual Industries, 1957 - Concluded

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number									dollars
		\$	No.						
140	39	583,195	249	838,825	21,985	598,210	1,261,095	1,879,444	1
594	94	2,163,758	1,198	3,804,061	125,804	2,243,989	6,534,261	8,882,286	2
-	-	-	67	140,941	-	389,978	163,881	553,859 ²	3
33	7	130,658	53	218,235	4,064	129,055	277,454	411,273	{ 4
767	140	2,877,611	1,567	5,002,062	151,853	3,361,232	8,236,691	11,726,862	5
23	-	69,794	33	99,991	9,050	108,168	239,995	354,885	6
118	-	412,366	170	683,787	24,580	665,564	1,008,690	1,438,391	7
115	-	375,041	145	477,940	22,937	751,324	758,060	1,418,526	8
73	1	197,788	99	300,478	18,069	321,154	431,260	760,037	9
205	-	727,458	275	989,249	32,919	3,095,915	1,550,570	4,652,489	10
534	1	1,782,447	722	2,551,445	107,555	4,942,125	3,988,575	8,624,328	11
8	-	25,568	16	51,717	3,976	30,995	87,728	125,840	12
8	-	25,568	16	51,717	3,976	30,995	87,728	125,840	13
3	3	3	3	3	3	3	3	3	14
3	3	3	3	3	3	3	3	3	15
3	3	3	3	3	3	3	3	3	16
3	3	3	3	3	3	3	3	3	17
115	-	339,960	140	441,504	195,686	7,377	812,326	1,015,389	18
128	2	454,119	183	626,926	94,478	1,546,596	1,339,631	3,030,895	19
12	-	24,200	19	39,700	1,150	21,000	48,188	70,362	20
154	5	567,399	222	815,131	657,949	522,549	3,447,843	4,575,613	21
409	7	1,385,678	564	1,923,261	949,263	2,097,522	5,647,988	8,692,259	22
886	1	4,075,826	1,274	6,142,133	3,466,512	57,801,721	29,060,522	90,339,371	23
886	1	4,075,826	1,274	6,142,133	3,466,512	57,801,721	29,060,522	90,339,371	24
61	-	253,861	193	813,900	35,686	2,292,874	1,153,975	3,405,823	25
18	2	50,844	30	89,932	2,596	557,013	232,035	753,519	26
79	2	304,705	223	903,832	38,282	2,849,887	1,386,010	4,159,342	27
10	4	29,663	20	46,472	911	79,298	88,585	172,584	28
39	-	120,708	48	166,404	10,151	87,570	372,898	472,020	29
									30
									31
525	1	2,243,665	582	2,565,745	2,060,277	16,280,198	11,043,454	29,357,105	32
574	5	2,394,036	650	2,778,621	2,071,339	16,447,066	11,504,937	30,001,709	33
7,703	1,005	28,843,885	12,012	40,875,349	9,031,509	189,106,737	109,598,807	306,115,112	34
									35
									36
									37
									38
									39
									40
									41
									42
									43
									44
									45
									46
									47
									48
									49

³ Confidential. Included in "Miscellaneous industries".⁴ Includes: Jewellery and silverware, Machinery, heavy, electrical, Miscellaneous electrical apparatus and supplies and Non-ferrous metal smelting and refining.



SUBSECTION 3
PROVINCE OF ALBERTA

**TABLE 12. Principal Statistics of the Manufacturing Industries of Alberta
1931 to 1957**

Year	Establishments	Capital	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
							No.
							\$
1931	795	78,447,393	10,343	12,589,106	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
1940	1,068	78,440,506	14,191	16,824,993	67,429,671	37,747,215	107,313,964
1941	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,536	178,103,011
1943	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1944	1,165	Not collected	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945	1,157	"	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946	1,315	"	22,649	34,939,088	169,425,176	83,735,011	257,031,867
1947	1,382	"	23,941	41,246,171	202,324,036	89,289,825	296,054,129
1948	1,567	"	25,690	49,735,336	253,754,967	107,124,387	366,079,506
1949	1,685	"	26,425	55,115,554	251,364,059	114,681,296	371,995,120
1950	1,671	"	26,732	58,416,324	272,131,049	123,892,868	402,840,023
1951	2,118	"	29,105	69,135,587	309,430,618	141,649,574	458,281,384
1952	2,150	"	31,765	82,527,194	331,817,141	178,221,013	518,410,811
1953	2,072	"	33,082	92,605,153	346,221,162	199,660,428	555,814,827
1954	2,052	"	32,765	96,909,889	346,524,989	219,327,509	575,277,702
1955	2,126	"	34,846	106,548,815	366,022,853	263,308,701	641,148,235
1956	1,971	"	36,792	120,195,105	412,138,247	285,830,811	703,188,739
1957	1,893	"	39,089	137,077,438	461,134,040	312,037,090	784,480,512

¹ Prior to 1952 the value added by manufacture is computed by subtracting the cost of materials, fuel and electricity used from the gross value of products and in 1952 and 1953 from the factory shipments. In 1954 and subsequent years the deduction is made from the calculated value of production (shipments plus closing inventory, minus opening inventory of finished products).

² In 1952 and subsequent years the basis of collection is "Value of factory shipments" instead of "Gross value of products".

TABLE 13. Principal Statistics Compared, 1956 and 1957

Principal statistics		1956	1957	+Increase -Decrease
Establishments	No.	1,971	1,893	- 78
Supervisory and office employees:				
Male	"	6,804	7,257	+ 453
Female	"	2,150	2,420	+ 270
Salaries	\$	32,877,638	39,025,167	+ 6,147,529
Production workers:				
Male	No.	24,192	25,666	+ 1,474
Female	"	3,646	3,746	+ 100
Wages	\$	87,317,467	98,052,271	+10,734,804
Cost of fuel and electricity	\$	14,014,511	15,844,400	+ 1,829,889
Cost at plant of materials used	\$	412,138,247	461,134,040	+48,995,793
Value added by manufacture ¹	\$	285,830,811	312,037,090	+26,206,279
Selling value of factory shipments	\$	703,188,739	784,480,512	+81,291,773

¹ See footnote 1, table 1, p. 6.

TABLE 14. Principal Statistics of the Leading Industries of Alberta, 1957

No.	Industries	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments
1	Slaughtering and meat packing	16	4,001	15,109,874	122,623,319	25,380,009	148,848,513
2	Petroleum products	22	2,213	10,926,532	83,460,019	59,755,897	147,472,583 ²
3	Butter and cheese	96	1,962	6,071,328	31,698,369	9,450,220	41,456,613
4	Flour mills	10	663	2,004,427	21,330,281	5,112,672	26,518,307
5	Sash, door and planing mills	113	1,766	5,153,204	12,939,960	7,830,918	21,139,692
6	Bread and other bakery products	148	1,886	5,766,156	8,367,983	10,267,839	19,183,371
7	Concrete products	40	776	2,948,649	9,269,249	8,982,908	18,454,579
8	Sawmills	468	2,068	4,095,153	8,347,398	9,299,141	18,042,554 ²
9	Bridge and structural steel work	5	1,007	4,104,465	9,167,516	6,971,321	16,215,159 ²
10	Breweries	6	555	2,276,754	4,055,458	11,972,362	16,100,808
11	Printing and publishing	80	1,458	5,037,536	4,174,580	11,069,386	15,365,074
12	Castings, iron	11	571	2,260,927	10,527,346	5,855,373	15,246,240
13	Primary plastics	4	491	2,342,056	5,268,680	8,447,670	13,903,332
14	Acids, alkalies and salts	4	480	2,207,486	3,693,237	7,245,236	10,854,873
15	Feeds, stock and poultry, prepared	52	280	825,980	7,005,366	2,358,875	9,509,324
16	Cement, hydraulic	3	462	2,059,552	1,697,960	6,309,752	9,271,918
17	Aircraft and parts	5	1,574	6,065,865	1,533,040	7,532,229	9,130,415 ²
18	Sheet metal products	24	501	1,785,505	5,102,325	3,341,967	8,680,855
19	Clothing, men's, factory	10	885	2,469,577	5,085,013	3,896,803	8,674,471
20	Machine shops	69	962	3,852,897	2,784,079	5,828,632	8,638,420
21	Miscellaneous food preparations	13	274	838,814	5,747,808	2,987,018	8,568,274
22	Printing and bookbinding	81	988	3,470,205	2,487,836	5,488,505	8,033,910
23	All other leading industries ³	8	3,397	13,149,200	29,917,923	25,312,202	56,670,427
24	Totals, leading industries	1,288	29,220	104,622,142	396,284,745	250,696,935	655,979,712
25	Totals, all industries	1,893	39,089	137,077,438	461,134,040	312,037,090	784,480,512

¹ See footnote 1, Table 1, p. 6.² Reported on a production basis.³ Includes: Fertilizers, Non-ferrous metal smelting and refining, Railway rolling stock and Sugar refining.

TABLE 15. Principal Statistics by Industrial Groups, 1956 and 1957

No.	Industrial groups	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
1956					
1	Foods and beverages.....	425	1,731	747	8,501,245
2	Tobacco and tobacco products.....	—	—	—	—
3	Rubber products.....	2	2	2	2
4	Leather products.....	10	9	1	24,294
5	Textiles.....	20	90	26	549,387
6	Knitting mills.....	4	5	5	30,576
7	Clothing.....	24	58	37	351,960
8	Wood products.....	821	1,243	153	3,372,347
9	Paper products.....	14	101	38	579,630
10	Printing, publishing and allied industries.....	277	704	432	3,465,233
11	Iron and steel products.....	160	785	178	4,062,692
12	Transportation equipment.....	22	282	104	1,553,732
13	Non-ferrous metal products.....	12	220	27	1,242,656
14	Electrical apparatus and supplies.....	7	23	9	152,269
15	Non-metallic mineral products.....	72	342	82	1,769,874
16	Products of petroleum and coal.....	20	574	147	3,765,319
17	Chemicals and allied products.....	32	537	137	2,979,958
18	Miscellaneous industries ³	51	100	27	476,466
19	Totals, 1956	1,971	6,804	2,150	32,877,638
1957					
20	Foods and beverages.....	446	1,780	817	9,347,377
21	Tobacco and tobacco products.....	—	—	—	—
22	Rubber products.....	2	2	2	2
23	Leather products.....	12	12	2	39,122
24	Textiles.....	18	95	27	519,747
25	Knitting mills.....	5	6	5	36,669
26	Clothing.....	26	59	38	1,646,567
27	Wood products.....	693	1,108	153	3,213,481
28	Paper products.....	16	222	65	1,252,272
29	Printing, publishing and allied industries.....	270	730	476	3,942,157
30	Iron and steel products.....	172	923	203	5,076,044
31	Transportation equipment.....	28	361	171	2,233,337
32	Non-ferrous metal products.....	13	233	34	1,373,895
33	Electrical apparatus and supplies.....	8	37	10	202,438
34	Non-metallic mineral products.....	73	408	90	2,198,166
35	Products of petroleum and coal.....	25	573	154	4,059,904
36	Chemicals and allied products.....	36	609	145	3,302,048
37	Miscellaneous industries ³	52	101	30	581,943
38	Totals, 1957	1,893	7,257	2,420	39,025,167

¹ See footnote 1, Table 1, p. 6.² Confidential. Included in "Miscellaneous industries".³ Includes Rubber products.

TABLE 16. Principal Statistics of the Individual Industries, 1957

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
1. Foods and beverages:					
Bakery products:					
1 Biscuits	3	15	5	82,566	
2 Bread and other bakery products	148	231	96	1,052,818	
Beverages:					
3 Breweries	6	85	19	569,206	
4 Carbonated beverages	24	81	30	403,941	
Canning and processing:					
5 Fruit and vegetable preparations	7	23	7	102,424	
Dairy products:					
6 Butter and cheese	96	187	237	1,225,925	
7 Milk pasteurizing plants	23	42	32	223,687	
8 Cheese, process	1				
9 Concentrated milk products	2	26	13	132,950	
10 Dairy products, other	1				
Grain mill products:					
11 Feeds, stock and poultry, prepared	52	68	15	247,236	
12 Feed mills	30	28	1	50,618	
13 Flour mills	10	123	71	681,600	
Meat products:					
14 Slaughtering and meat packing	16	751	257	3,908,791	
Other food industries:					
15 Confectionery	4	7	1	14,591	
16 Animal oils and fats	2				
17 Distilled liquors	1				
18 Foods, breakfast	2	68	20	392,735	
19 Macaroni and kindred products	1				
20 Sausage and sausage casings	1				
21 Sugar refining	3				
22 Miscellaneous food preparations	13	45	13	258,289	
23 Totals	446	1,780	817	9,347,377	
24 2. Tobacco and tobacco products	-	-	-	-	
25 3. Rubber products	2	2	2	2	
4. Leather products:					
26 Leather tanning	4	5	1	16,006	
Other leather industries:					
27 Gloves and mittens, leather	1	7	1	23,116	
28 Miscellaneous leather goods n.e.s.	7				
29 Totals	12	12	2	39,122	
5. Textiles:					
30 Awnings, tents and sails	8	19	3	96,733	
31 Embroideries, pleating, hemstitching, etc.	4	4	1	15,182	
32 Bags, cotton and jute	2				
33 Woollen cloth	1	72	23	407,832	
34 Miscellaneous textiles, n.e.s.	1				
35 Synthetic textiles	2				
36 Totals	18	95	27	519,747	
6a. Knitting mills:					
37 Knitted goods, other than hosiery	5	6	5	36,669	
38 Totals	5	6	5	36,669	
6b. Clothing:					
Men's, women's and children's clothing:					
39 Clothing, men's, factory	10	36	33	1,556,362	
40 Clothing, women's, factory	7	10	3	45,024	
Miscellaneous clothing:					
41 Fur goods	7				
42 Fur dressing and dyeing	1	13	2	45,181	
43 Hats and caps	1				
44 Totals	26	59	38	1,646,567	

¹ See footnote 1, Table 1, p. 6.

TABLE 16. Principal Statistics of the Individual Industries, 1957

Production workers			Total em- ployees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	
Male	Female	Wages	\$	No.				No.	
dollars									
53	105	362,824	178	445,390	9,526	1,146,910	963,659	2,193,504	1
1,080	479	4,713,338	1,886	5,766,156	540,662	8,367,983	10,267,839	19,183,371	2
451	—	1,707,548	555	2,276,754	180,203	4,055,458	11,972,362	16,100,808	3
194	54	594,111	359	998,052	195,878	2,183,160	4,017,440	6,393,510	4
187	120	672,561	337	774,985	94,717	2,940,101	1,956,369	4,413,594	5
1,436	102	4,845,403	1,962	6,071,328	579,911	31,698,369	9,450,220	41,456,613	6
303	4	894,075	381	1,117,762	103,052	3,173,672	1,547,753	4,824,793	7
51	14	207,740	104	340,690	39,584	3,013,047	1,076,918	3,987,935	8
									9
									10
192	5	578,744	280	825,980	113,590	7,005,366	2,358,875	9,509,324	11
26	—	50,635	55	101,253	22,346	238,262	198,355	458,963	12
447	22	1,322,827	663	2,004,427	224,179	21,330,281	5,112,672	26,518,307	13
2,369	624	11,201,083	4,001	15,109,874	541,155	122,623,319	25,380,009	148,848,513	14
3	11	25,476	22	40,067	974	92,131	55,922	147,354	15
									16
									17
482	106	1,519,839	676	1,912,574	344,227	9,909,471	7,193,190	18,382,903	18
									19
									20
122	94	580,525	274	838,814	139,633	5,747,808	2,987,018	8,568,274	21
7,396	1,740	29,276,729	11,733	38,624,106	3,129,637	223,525,338	84,538,601	310,987,766	22
—	—	—	—	—	—	—	—	—	23
2	2	2	2	2	2	2	2	2	24
									25
12	2	33,642	20	49,648	4,740	162,928	45,806	126,249	26
22	12	80,311	42	103,427	1,017	111,088	118,021	225,318	27
34	14	113,953	62	153,075	5,757	274,016	163,827	351,567	28
									29
19	29	93,660	70	190,393	6,325	364,402	292,408	657,126	30
4	14	31,434	23	46,616	659	23,250	67,159	91,068	31
									32
146	104	828,954	345	1,236,786	75,532	3,484,379	1,803,269	5,439,382	33
									34
									35
169	147	954,048	438	1,473,795	82,516	3,872,031	2,162,836	6,187,576	36
									37
6	31	65,272	48	101,941	1,811	112,646	149,155	258,467	38
6	31	65,272	48	101,941	1,811	112,646	149,155	258,467	39
									40
108	708	913,215	885	2,469,577	18,450	5,085,013	3,896,803	8,674,471	41
8	48	101,551	69	146,575	3,982	176,179	220,455	397,890	42
									43
14	21	76,693	50	121,874	4,045	168,624	170,659	332,863	44
130	777	1,091,459	1,004	2,738,026	26,477	5,429,816	4,287,917	9,405,224	45

² Confidential. Included in "Miscellaneous industries".

TABLE 16. Principal Statistics of the Individual Industries, 1957 - Continued

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
			number		\$
7.	Wood products:				
1	Furniture	88	137	36	659,035
2	Saw and planing mills:				
2	Sash, door and planing mills	113	282	81	1,332,003
3	Sawmills	468	623	20	874,514
4	Veneer and plywood	3	25	7	145,272
5	Other wood industries:				
5	Boxes and baskets, wood	3	10	2	75,967
6	Morticians' goods	6	7	1	28,856
7	Excelsior	1	24	6	97,834
8	Miscellaneous wood products n.e.s.	11			
9	Totals	693	1,108	153	3,213,481
8.	Paper products:				
10	Boxes and bags, paper	6	56	25	368,273
11	Roofing paper	3	36	10	217,089
12	Pulp and paper	2	130	30	666,910
13	Miscellaneous paper goods	5			
14	Totals	16	222	65	1,252,272
9.	Printing, publishing and allied trades:				
15	Commercial printing:				
15	Printing and bookbinding	81	186	80	1,202,392
16	Trade composition	2			
17	Engraving, stereotyping and allied industries:				
17	Engraving, stereotyping and electrotyping	7	7	8	65,505
18	Lithographing	3	8	2	26,696
19	Printing and publishing:				
19	Printing and publishing	80	438	257	2,337,298
20	Publishing (only) of periodicals	97	91	129	310,266
21	Totals	270	730	476	3,942,157
10.	Iron and steel products:				
22	Agricultural implements	8	53	9	314,830
23	Boilers, tanks and platework	12	61	22	343,345
24	Bridge and structural steel	5	207	44	1,294,680
25	Castings, iron	11	103	20	513,524
26	Hardware, tools and cutlery	3	5	2	24,327
27	Heating and cooking apparatus	12	30	9	159,446
28	Machinery, industrial	6	62	17	299,967
29	Machine shops	69	190	31	922,558
30	Sheet metal products	24	116	34	680,791
31	Miscellaneous iron and steel products	15	29	7	153,057
32	Primary iron and steel	3	67	8	369,519
33	Wire and wire goods	4			
34	Totals	172	923	203	5,076,044
11.	Transportation equipment:				
35	Aircraft and parts	5	197	146	1,402,638
36	Motor vehicle parts	19	62	19	352,098
37	Boat building	1	102		
38	Railway rolling stock	2		6	478,601
39	Miscellaneous transportation equipment	1			
40	Totals	28	361	171	2,233,337
12.	Non-ferrous metal products:				
41	Aluminum products	4	5	-	11,600
42	Brass and copper products	5	13	10	102,282
43	Jewellery and silverware	2	215		
44	Non-ferrous metal smelting and refining	1		24	1,260,013
45	White metal alloys	1			
46	Totals	13	233	34	1,373,895

¹ See footnote 1, Table 1, p. 6.

TABLE 16. Principal Statistics of the Individual Industries, 1957 - Continued

Production workers			Total em- ployees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.				dollars		
531	99	1,707,276	803	2,366,311	88,223	4,065,986	3,736,839	7,904,024	1
1,379	24	3,821,201	1,766	5,153,204	326,699	12,939,960	7,830,918	21,139,692	2
1,410	15	3,220,639	2,068	4,095,153	396,015	8,347,398	9,299,141	18,042,554 ²	3
167	40	621,200	239	766,472	113,856	1,067,844	1,329,921	2,434,193	4
115	5	285,645	132	361,612	11,033	494,448	471,301	969,241	5
17	9	55,960	34	84,816	1,574	262,296	171,309	435,447	6
256	6	911,425	292	1,009,259	72,869	2,240,995	1,950,529	4,256,478	7
3,875	198	10,623,346	5,334	13,836,827	1,010,269	29,418,927	24,789,958	55,181,629	9
178	91	930,305	350	1,298,578	38,716	3,965,620	2,305,811	6,404,745	10
120	-	378,897	166	595,986	51,971	2,626,901	2,061,745	4,729,402	11
454	24	2,308,688	638	2,975,598	604,908	4,290,048	1,491,356	6,319,878	12
752	115	3,617,890	1,154	4,870,162	695,595	10,882,569	5,858,912	17,454,025	13
534	197	2,292,473	997	3,494,865	78,667	2,498,776	5,549,523	8,107,028	15
38	12	156,343	65	221,848	7,063	86,188	333,993	427,225	17
9	2	26,351	21	53,047	2,462	46,263	95,732	144,116	18
695	68	2,700,238	1,458	5,037,536	119,087	4,174,580	11,069,386	15,365,074	19
-	-	-	220	310,266	-	790,328	633,125	1,429,452 ²	20
1,276	279	5,173,405	2,761	9,117,562	207,279	7,596,135	17,687,759	23,472,895	21
103	-	291,101	165	605,931	37,575	640,873	775,640	1,464,119	22
300	1	1,169,666	384	1,513,011	149,941	3,337,721	2,540,782	6,908,201	23
756	-	2,809,785	1,007	4,104,465	76,322	9,167,516	6,971,321	16,215,159 ²	24
445	3	1,747,403	571	2,260,927	104,041	10,527,346	5,855,373	15,246,240	25
21	6	85,613	34	109,940	4,091	203,210	213,932	420,040	26
129	-	372,182	168	531,628	24,241	754,936	745,491	1,551,356	27
213	2	793,954	294	1,093,921	26,372	1,120,699	1,685,408	2,757,603	28
738	3	2,730,339	962	3,652,897	138,442	2,784,079	5,828,632	8,638,420	29
310	41	1,104,714	501	1,785,505	57,519	5,102,325	3,341,967	8,680,855	30
116	-	343,229	152	496,286	20,600	513,443	773,484	1,318,391	31
274	-	1,130,303	349	1,499,822	311,412	2,936,792	2,637,753	5,053,385	32
3,405	56	12,578,289	4,587	17,654,333	950,556	37,088,940	31,369,783	68,253,769	34
1,184	47	4,663,227	1,574	6,065,865	65,146	1,533,040	7,532,229	9,130,415 ²	35
268	2	923,396	351	1,275,494	47,732	1,758,348	1,879,229	3,719,126	36
1,633	-	5,687,835	1,741	6,166,436	141,026	9,173,047	6,258,435	15,572,508	38
3,085	49	11,274,458	3,666	13,507,795	253,904	12,464,435	15,669,893	28,422,049	40
9	-	25,597	14	37,197	2,317	39,499	66,916	108,663	41
44	-	141,068	67	243,350	10,118	679,101	1,234,517	1,941,783	42
451	-	2,008,353	690	3,268,366	467,064	8,457,462	9,642,107	18,722,246	44
504	-	2,173,018	771	3,548,913	479,499	9,176,062	10,943,540	20,772,692	46

² Reported on a production basis.

TABLE 16. Principal Statistics of the Individual Industries, 1957 - Concluded

No.	Industries	Establishments	Supervisory and office employees		
			Male	Female	Salaries
				number	\$
13.	Electrical apparatus and supplies:				
1	Batteries	4	20	6	108,843
2	Machinery, heavy, electrical	1			
3	Telecommunication equipment	1	17	4	93,595
4	Miscellaneous electrical apparatus and supplies	2			
5	Totals	8	37	10	202,438
14.	Non-metallic mineral products:				
6	Cement, hydraulic	3	71	20	410,880
7	Clay products from domestic clay	7	54	11	261,831
8	Concrete products	40	141	23	800,210
9	Glass and glass products	3	50	12	256,412
10	Lime	5	12	-	48,512
11	Stone products	5	8	7	47,295
	Other non-metallic mineral industries:				
12	Clay products from imported clay	2			
13	Gypsum products	2	61	15	318,565
14	Salt	2			
15	Miscellaneous non-metallic mineral products	4	11	2	54,461
16	Totals	73	408	90	2,198,166
15.	Products of petroleum and coal:				
17	Petroleum products	22	569	153	4,041,081
18	Miscellaneous products of petroleum and coal	3	4	1	18,823
19	Totals	25	573	154	4,059,904
16.	Chemicals and allied products:				
20	Acids, alkalies and salts	4	152	39	812,422
21	Primary plastics	4	171	42	1,016,464
22	Soaps, washing compounds and cleaning preparations	5	8	1	23,815
23	Fertilizers	2			
24	Medicinal and pharmaceutical preparations	1			
25	Paints, varnishes and lacquers	1			
26	Vegetable oils	1			
	Other chemical industries:				
27	Gases, compressed	6	70	18	285,183
28	Miscellaneous chemical products, n.e.s.	12	68	19	327,574
29	Totals	36	609	145	3,302,048
17.	Miscellaneous industries:				
30	Ophthalmic goods	4	2	-	6,863
31	Plastics products	7	15	3	72,024
32	Signs, electric, neon and other	28	69	20	428,744
33	Brooms, brushes and mops	1			
34	Ice, artificial	2			
35	Instruments and related products	2			
36	Orthopaedic and surgical appliances	2			
37	Stamps and stencils, rubber and metal	2			
38	Statuary, art goods, regalia and novelties	1			
39	Toys and games	1			
40	Miscellaneous industries, n.e.s.	1			
41	Rubber goods, including footwear	1			
42	Totals³	52	101	30	581,943
43	Grand totals	1,893	7,257	2,420	39,025,167

¹ See footnote 1, Table 1, p. 6.² Reported on a production basis.³ Includes: Rubber goods, including footwear.

TABLE 16. Principal Statistics of the Individual Industries, 1957 — Concluded

Production workers			Total Em- ployees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
Male	Female	Wages							
number	\$	number				dollars			
88	10	322,760	124	431,603	53,621	2,298,588	685,483	2,870,530	1
33	—	107,839	54	201,434	4,766	536,200	340,533	998,280	2
121	10	430,599	178	633,037	58,387	2,834,788	1,026,016	3,868,810	3
370	1	1,648,672	462	2,059,552	1,264,206	1,697,960	6,309,752	9,271,918	4
320	3	1,096,067	388	1,357,898	189,709	64,313	2,374,165	2,628,187	5
609	3	2,148,439	776	2,948,649	214,141	9,269,249	8,982,908	18,454,579	6
317	211	1,535,044	590	1,791,456	52,354	2,656,024	3,861,004	6,481,250	7
74	1	251,567	87	300,079	101,804	152,388	511,406	765,598 ^a	8
60	5	185,493	80	232,788	26,366	455,509	417,344	906,420	9
181	56	608,708	313	927,273	97,753	1,278,035	1,853,032	3,311,169	10
43	—	131,465	56	185,926	45,707	239,529	385,214	674,037	11
1,974	280	7,605,455	2,752	9,803,621	1,992,040	15,813,007	24,694,825	42,493,158	12
1,481	10	6,885,451	2,213	10,926,532	4,256,667	83,460,019	59,755,897	147,472,583 ^a	13
14	—	23,688	19	42,511	15,140	122,405	72,666	199,710	14
1,485	10	6,909,139	2,232	10,969,043	4,271,807	83,582,424	59,828,563	147,672,293	15
278	11	1,395,064	480	2,207,486	818,269	3,693,237	7,245,236	10,854,873	16
275	3	1,325,592	491	2,342,056	445,170	5,268,680	8,447,670	13,903,332	17
10	6	36,236	25	60,051	4,442	342,340	514,290	863,216	18
407	5	1,694,354	578	2,530,944	1,181,050	5,520,551	5,463,981	10,491,337	19
45	—	177,901	133	463,084	47,703	390,050	1,440,724	1,867,119	20
145	1	564,195	233	891,769	80,452	2,014,685	2,920,878	4,975,970	21
1,160	26	5,193,342	1,940	8,495,390	2,577,086	17,229,543	26,032,779	42,955,847	22
17	3	48,205	22	55,068	1,130	65,723	85,426	153,948	23
40	2	94,150	60	166,174	19,442	698,913	424,929	1,110,518	24
190	4	708,278	283	1,137,022	57,563	790,610	1,935,452	2,785,821	25
37	5	117,236	64	101,548	23,645	278,117	386,919	692,458	26
284	14	967,869	429	1,549,812	101,780	1,833,363	2,832,726	4,742,745	27
25,668	3,746	98,052,271	39,089	137,077,438	15,844,400	461,134,040	312,037,090	784,480,512	28

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