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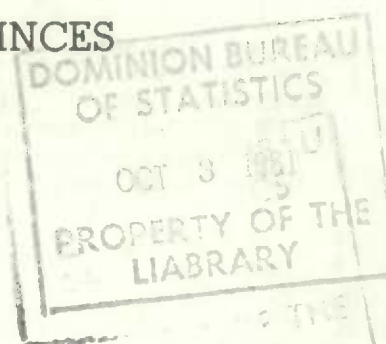
CANADA

# THE MANUFACTURING INDUSTRIES OF CANADA

Section E

PRAIRIE PROVINCES

1959



*Published by Authority of*  
The Honourable George Hees, Minister of Trade and Commerce

**DOMINION BUREAU OF STATISTICS**

Industry and Merchandising Division

September, 1961  
6521-507

Price: 50 cents

## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry and summary reports which are released each year as the compilations are completed. The summary reports for the **Manufacturing Industries** are listed below. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

Catalogue number	Title	Price
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## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1959 are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or



plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### **Inventories**

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### **Value Added by Manufacturing**

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### **Standard Industrial Classification**

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### **Short Forms**

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

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# THE MANUFACTURING INDUSTRIES OF CANADA

## Section E

### PRAIRIE PROVINCES

1959

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 but dropped to second place since then. 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 15.5 p.c. in 1958. In 1959 the proportion declined to 12.8 p.c. This, however, was not due to a decline in the importance of the industry but rather to a change in method of reporting unit values of petroleum products which in 1959 were reported at a lower level than was formerly the case. 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 economic unit, slaughtering and meat packing with shipments valued at \$393,175,000 was the leading industry. Petroleum products with \$253,860,000 ranked second, followed by butter and cheese with \$116,719,000 and flour mills with \$94,099,000. These four industries accounted for about 43 per cent 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 \$20,000,000 or more were: non-ferrous metal smelting and refining, bread and other bakery products, railway rolling stock, printing and publishing, breweries, pulp and paper, concrete products, men's factory clothing, bridge and structural steel, sash, door and planing mills, furniture, sheet metal products, miscellaneous food preparations, prepared stock and poultry feeds, printing and bookbinding, hydraulic cement, saw-mills, primary iron and steel, boxes and bags, paper and aircraft and parts.

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 1959 power installation in the three provinces totalled only 1,220,330 h.p. or about 5 p.c. of the Canadian total. Manitoba had 773,900 h.p., Saskatchewan 128,835 h.p. and Alberta 312,595 h.p. With the present development 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 1959 the foods and beverages group with an increase of 2,476 employees reported the greatest expansion in production. This was followed closely by iron and steel products with an increase of 2,435 employees, chemicals and allied products 1,312 products of petroleum and coal 1,269 non-metallic mineral products 1,145, paper products 1,123 transportation equipment 842, printing, publishing and allied industries 767 and non-ferrous metal products 639. All groups reported increases in employment. The wood products group which in 1958 reported a drop of 485 employees as compared with 1949 had an increase of 20 employees in 1959.

Developments in Saskatchewan, by contrast, have continued along more or less traditional lines since 1949. The largest gain of 585 employees has been recorded by the products of petroleum and coal group which includes oil refineries. The second highest gain of 333 employees was reported by the non-metallic mineral products group which consists of a number of industries manufacturing building products. Considerable expansion was also reported by miscellaneous industries, foods and beverages, iron and steel products, paper products and printing, publishing and allied industries. Wood products with a drop of 298 employees was the only major group to report a decline in employment; 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 electrical apparatus and products of petroleum and coal. There was also a wider diversification of products as is evidenced by the increase of 472 employees in the miscellaneous group. For manufacturing as a whole the increase in the number of employees totalled 1,189. The largest increase of 1,354 was reported by the iron and steel group. The non-metallic mineral products group with 782 reported the second largest increase, followed by miscellaneous industries with 370, products of petroleum and coal 278, electrical apparatus and supplies 259 and paper products 211. Only four groups reported major declines in employment: transportation equipment 812, clothing, including knitting mills 574, foods and beverages

463 and textiles 275. The foods and beverages group which in 1949 accounted for 25.3 p.c. of the total employment in manufacturing accounted for 23.5 p.c. of the total in 1959. The foods and beverages group with 10,163 employees was still in first place in 1959 as an employer of labour. This was followed by iron and steel products with 6,128, transportation equipment 5,850, clothing, including knitting mills 5,806, printing, publishing and allied industries 3,828 and wood products 3,302. These six groups accounted for 81 p.c. of the manufacturing employment in Manitoba.

According to Table 1, manufacturing establishments in 1959 numbered 4,320 for the Prairie Provinces as a whole. These plants furnished employment to 95,206 persons who received \$353,537,254 in salaries and wages. They also shipped goods with a selling value at the factory of \$1,978,146,470 and spent \$1,159,740,278 for materials, while the value added by manufacture totalled \$780,518,406.

**Principal Statistics of the Prairie Provinces, 1959**

	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	number		thousands of dollars			
Manitoba .....	1,607	43,145	153,998	422,094	308,341	743,509
Saskatchewan .....	883	12,539	47,034	213,377	125,877	347,320
Alberta .....	1,830	39,522	152,505	524,269	346,300	887,317
<b>Prairie Provinces .....</b>	<b>4,320</b>	<b>95,206</b>	<b>353,537</b>	<b>1,159,740</b>	<b>780,518</b>	<b>1,978,146</b>
<b>Canada .....</b>	<b>36,193</b>	<b>1,303,956</b>	<b>5,073,074</b>	<b>12,552,201</b>	<b>10,320,963</b>	<b>23,311,601</b>

The expansion in manufacturing production in the Prairie Provinces between 1949 and 1959 kept pace with that of Canada as a whole. This is indicated by the Prairie Provinces' share of the Canadian total which amounted to 8.51 p.c. in 1949 and 8.49 p.c. in 1959. For the first few years production in these provinces lagged behind, the percentage of the total dropping from 8.51 in 1949 to 7.91 in 1953. In 1954 conditions were reversed. The Prairie Provinces reported an increase of 1.4 p.c. in value of factory shipments as compared with a decline of 1.3 p.c. for Canada as a whole. This brought their share of the total to 8.13 p.c. In 1955 and 1956 conditions deteriorated again with the percentage of the total dropping to 7.62. The expansion which took place during 1957 to 1959 saw an improvement in the

percentage to 8.49 of the total, almost equalling the 1949 percentage of 8.51.

According to the following table, Manitoba failed to keep pace with Canada as a whole in both employment and value of factory shipments, the percentages being 2.8 and 56.6 respectively as compared with the Canada percentages of 11.3 and 86.8. Alberta on the other hand forged ahead the rest of Canada. The number of employees increased 49.6 p.c. as compared with 11.3 p.c. for Canada, while in value of factory shipments the percentages were 138.5 for Alberta and 86.8 for Canada. Saskatchewan was ahead of Canada in employment but was below the Canada increase in shipments.



## Variation in Employment and Factory Shipments, 1959 Compared with 1949

Province	Employees	Earnings	Selling value of factory shipments
	per cent		
Manitoba .....	+ 2.8	+ 78.9	+ 56.6
Saskatchewan .....	+15.7	+111.2	+ 61.0
Alberta .....	+49.6	+176.7	+138.5
<b>Priarie Provinces</b> .....	<b>+20.2</b>	<b>+116.3</b>	<b>+ 86.2</b>
Canada .....	+11.3	+ 95.7	+ 86.8

TABLE 1. Principal Statistics of the Manufacturing Industries of Canada by Provinces, 1959

Provinces	Estab-lish-ments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Value of factory shipments
	number		dollars			
Newfoundland .....	797	9,620	30,481,291	54,001,782	57,754,510	119,007,053
Prince Edward Island .....	178	1,769	3,856,186	19,947,082	7,391,294	27,670,896
Nova Scotia .....	1,314	28,168	87,694,029	223,016,082	161,451,957	398,663,678
New Brunswick .....	915	20,927	63,872,872	178,064,623	133,935,278	325,478,717
Quebec .....	11,584	431,237	1,546,932,670	3,749,731,529	2,998,776,012	6,916,199,594
Ontario .....	13,081	615,746	2,564,684,234	6,190,618,182	5,332,081,500	11,668,460,562
Manitoba .....	1,607	43,145	153,998,025	422,094,615	308,341,217	743,509,352
Saskatchewan .....	683	12,539	47,033,816	213,376,697	125,877,439	347,320,321
Alberta .....	1,830	39,522	152,505,413	524,268,966	346,299,750	887,316,797
British Columbia .....	3,992	101,168	421,405,086	974,924,176	848,404,204	1,875,142,125
Yukon and Northwest Territories .....	12	115	610,084	2,156,809	649,720	2,832,386
Canada .....	36,193	1,303,956	5,073,073,706	12,552,200,543	10,320,962,881	23,311,601,481

<sup>1</sup> Calculated value of production (shipments plus closing inventory, minus opening inventory of goods in process and finished products) less cost of materials and fuel and electricity used.





SUBSECTION 1

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PROVINCE OF MANITOBA

TABLE 2. Principal Statistics of the Manufacturing Industries of Manitoba, 1931-1959

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross value of products <sup>2</sup>
	No.	\$	No.	dollars			
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	"	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	664,529,736
1958 .....	1,634	"	42,382	142,859,485	397,453,172	284,367,542	694,051,323
1959 .....	1,607	"	43,145	153,998,025	422,094,615	308,341,217	743,509,352

<sup>1</sup> Prior to 1952 the value added by manufacture was 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 was made from the calculated value of production. In years 1954 and 1955 the value of production was obtained by adjusting shipments for inventory change of finished goods only, while in 1956 and subsequent years adjustments were made for both goods in process and finished goods. The figures for value added for 1956 and subsequent years are, therefore, comparable with 1951 and earlier years. (See footnote 1, Table 1, page 9.)

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

<sup>3</sup> Not collected.

TABLE 3. Principal Statistics Compared, 1958 and 1959

Principal statistics		1958	1959	+Increase -Decrease
Establishments .....	No.	1,634	1,607	- 27
Administrative and office employees:				
Male .....	"	6,701	6,897	+ 196
Female .....	"	2,616	2,642	+ 26
Salaries .....	\$	38,835,845	41,988,977	+ 3,153,132
Production workers:				
Male .....	No.	25,576	26,017	+ 441
Female .....	"	7,489	7,589	+ 100
Wages .....	\$	104,023,640	112,009,048	+ 7,985,408
Cost of fuel and electricity .....	\$	12,909,365	14,018,579	+ 1,109,214
Cost at plant of materials used .....	\$	397,453,172	422,094,615	+24,641,443
Value added by manufacture <sup>1</sup> .....	\$	284,367,542	308,341,217	+23,973,675
Selling value of factory shipments .....	\$	694,051,323	743,509,352	+49,458,029

<sup>1</sup> See footnote 1, Table 1, p. 9.)



TABLE 4. Principal Statistics of the Leading Industries of Manitoba, 1959

No.	Industries	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Value of factory shipments
		number			dollars		
1	Slaughtering and meat packing .....	12	3,260	14,217,228	110,293,118	32,579,619	144,317,100
2	Petroleum products .....	4	674	3,101,435	33,857,528	14,513,379 <sup>a</sup>	49,613,455 <sup>a,4</sup>
3	Butter and cheese .....	65	1,285	4,262,590	26,097,265	7,736,004	34,371,081
4	Railway rolling stock .....	4	3,735	14,977,125	17,232,399	15,933,110	33,653,484 <sup>2</sup>
5	Clothing, men's factory .....	49	2,821	6,347,718	13,525,562	10,885,950	24,039,602
6	Furniture .....	117	1,980	6,513,832	12,615,844	10,133,554	22,865,887
7	Printing and publishing .....	75	1,966	7,126,101	5,906,172	14,468,476	20,506,686
8	Flour mills .....	7	462	1,534,837	15,412,468	4,153,318	19,900,592
9	Miscellaneous food preparations .....	21	612	2,160,317	12,267,897	6,408,408	19,178,713
10	Pulp and paper .....	3	561	2,643,458	5,892,722	10,997,143	18,291,308
11	Bread and other bakery products .....	147	1,807	6,079,843	7,506,415	9,171,206	17,261,520
12	Sheet metal products .....	34	1,125	4,166,167	7,302,149	7,583,417	14,777,849
13	Clothing, women's factory .....	25	1,541	4,198,632	8,368,814	6,177,196	14,590,152
14	Breweries .....	6	591	2,831,578	2,851,893	10,784,877	13,941,982
15	Printing and bookbinding .....	90	1,375	5,375,642	4,628,430	9,118,495	13,831,443
16	Boxes and bags, paper .....	10	646	2,141,745	7,454,030	4,321,502	11,702,617
17	Miscellaneous iron and steel products	15	741	3,055,988	4,727,314	6,247,954	11,155,106
18	Concrete products .....	16	735	3,010,421	4,647,267	5,031,567	10,107,148
19	Feeds, stock and poultry, prepared....	38	240	792,605	7,102,962	2,561,510	9,814,807
20	Agricultural implements .....	16	506	1,850,990	4,580,084	3,730,705	8,062,210
21	Carbonated beverages .....	21	348	1,206,951	2,388,353	4,545,269	7,121,381
22	Paints, varnishes and lacquers .....	5	295	997,174	4,004,923	3,074,134	6,898,130
23	Biscuits .....	4	366	1,107,788	2,826,490	3,343,316	6,191,861
24	Bags, cotton and jute .....	3	198	653,973	4,623,014	1,523,916	6,167,909
25	Miscellaneous paper goods .....	6	199	593,447	2,695,997	3,434,136	6,095,366
26	Machinery, industrial .....	14	450	1,760,759	2,461,243	2,887,470	5,275,330
27	Plastic products .....	8	244	809,160	2,890,625	2,136,915	5,079,338
28	Sash, door and planing mills .....	30	558	1,763,133	2,586,675	2,371,891	5,013,250
29	Other leading industries <sup>3</sup> .....	14	4,407	19,480,688	28,190,308	37,191,760	70,431,870
30	<b>Totals, leading industries</b> .....	<b>859</b>	<b>33,728</b>	<b>124,761,325</b>	<b>364,937,961</b>	<b>253,046,197</b>	<b>630,257,177</b>
31	<b>Totals, all industries</b> .....	<b>1,607</b>	<b>43,145</b>	<b>153,998,025</b>	<b>422,094,615</b>	<b>308,341,217</b>	<b>743,509,352</b>

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Reported on a production basis.<sup>3</sup> 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.<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.

TABLE 5. Principal Statistics by Industrial Groups, 1958 and 1959

No.	Industrial groups	Establish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	1958				
1	Foods and beverages .....	382	1,631	634	8,955,709
2	Tobacco and tobacco products .....	—	—	—	—
3	Rubber products .....	3	—	3	3,700
4	Leather products .....	20	49	16	312,564
5	Textiles .....	30	74	30	447,504
6	Knitting mills .....	4	14	13	76,325
7	Clothing .....	145	374	214	2,919,946
8	Wood products .....	360	622	123	2,216,330
9	Paper products .....	22	235	70	1,421,935
10	Printing, publishing and allied industries .....	289	946	586	5,547,710
11	Iron and steel products .....	146	1,028	271	6,139,427
12	Transportation equipment .....	30	759	202	4,186,221
13	Non-ferrous metal products .....	15	64	16	801,361
14	Electrical apparatus and supplies .....	20	205	70	1,197,129
15	Non-metallic mineral products .....	46	228	54	1,266,647
16	Products of petroleum and coal .....	6	191	165	1,556,341
17	Chemicals and allied products .....	37	169	102	1,113,013
18	Miscellaneous industries .....	59	112	45	673,983
19	<b>Totals, 1958</b> .....	<b>1,634</b>	<b>6,701</b>	<b>2,616</b>	<b>38,835,845</b>
	1959				
20	Foods and beverages .....	376	1,602	615	9,484,102
21	Tobacco and tobacco products .....	—	—	—	—
22	Rubber products .....	2	2	2	2
23	Leather products .....	17	47	24	334,110
24	Textiles .....	29	75	33	501,675
25	Knitting mills .....	4	9	10	75,343
26	Clothing .....	137	394	240	3,150,110
27	Wood products .....	376	627	121	2,605,365
28	Paper products .....	22	231	69	1,469,035
29	Printing, publishing and allied industries .....	276	950	578	5,876,691
30	Iron and steel products .....	149	1,135	292	7,149,718
31	Transportation equipment .....	33	776	214	4,562,313
32	Non-ferrous metal products .....	15	75	15	423,066
33	Electrical apparatus and supplies .....	20	175	46	1,042,920
34	Non-metallic mineral products .....	46	267	69	1,564,961
35	Products of petroleum and coal .....	6	201	165	1,582,655
36	Chemicals and allied products .....	35	163	98	1,205,498
37	Miscellaneous industries <sup>1</sup> .....	64	150	53	961,195
38	<b>Totals, 1959</b> .....	<b>1,607</b>	<b>6,897</b>	<b>2,642</b>	<b>41,988,977</b>

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Confidential. Included in "Miscellaneous industries".



TABLE 5. Principal Statistics by Industrial Groups, 1958 and 1959

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.			dollars			
6,327	1,493	26,211,780	10,085	35,167,489	3,239,533	192,872,062	78,756,945	275,042,225	1
—	—	—	—	—	—	—	—	—	2
4	1	9,193	8	12,893	4,062	35,090	14,531	53,453	3
271	301	1,200,283	637	1,512,847	42,251	2,709,308	2,208,634	5,101,695	4
137	262	884,079	503	1,331,583	45,992	6,061,881	2,617,373	8,671,406	5
18	63	128,651	108	204,976	6,102	509,385	293,564	897,547	6
1,197	3,939	10,709,423	5,724	13,629,369	199,251	25,853,924	21,114,649	47,211,821	7
2,219	219	6,590,061	3,183	8,806,391	410,288	16,981,532	14,141,471	31,515,876	8
1,026	271	4,283,998	1,602	5,705,933	1,553,032	16,825,936	18,942,119	37,091,141	19
1,833	439	7,978,045	3,804	13,525,755	314,709	11,118,528	24,108,681	35,500,058	10
3,972	45	14,777,981	5,316	20,917,408	1,102,873	33,464,785	34,538,641	68,371,099	11
5,332	41	18,800,840	6,334	22,987,061	759,225	22,553,494	29,008,138	52,467,718	12
409	9	1,585,806	500	2,387,167	632,298	5,858,280	4,213,342	10,724,361	13
626	104	2,689,074	1,005	3,886,203	134,926	6,198,446	7,308,133	13,900,617	14
1,044	42	3,807,622	1,368	5,074,269	2,022,275	8,302,194	13,097,164	23,156,318	15
367	3	1,478,896	726	3,035,237	2,128,148	34,520,797	20,983,206	57,632,093	16
385	72	1,326,187	728	2,439,200	197,983	9,218,012	8,498,911	17,746,830	17
409	185	1,561,721	751	2,235,704	116,417	4,369,538	4,522,040	8,967,065	18
25,576	7,489	104,023,640	42,382	142,859,485	12,909,365	397,453,172	284,367,542	694,051,323	19
6,349	1,597	28,309,469	10,163	37,793,571	3,415,978	199,798,786	88,768,419	295,291,237	20
—	—	—	—	—	—	—	—	—	21
2	2	2	2	2	2	2	2	2	22
281	267	1,233,552	619	1,567,662	42,826	3,530,108	2,598,136	5,938,664	23
141	255	926,325	504	1,428,000	46,762	6,410,613	2,775,253	9,262,132	24
20	79	162,493	118	237,836	7,598	671,809	463,002	1,126,223	25
1,158	3,896	10,977,973	5,688	14,128,083	198,725	26,735,049	22,788,713	49,039,422	26
2,310	244	7,062,352	3,302	9,667,737	419,820	18,085,402	15,045,553	33,347,099	27
993	263	4,493,773	1,556	5,962,808	1,567,197	17,639,281	19,757,521	38,772,899	28
1,852	448	8,554,804	3,828	14,431,695	308,816	12,299,890	26,389,334	39,030,268	29
4,651	50	18,017,406	6,128	25,167,124	1,392,074	38,291,862	44,262,186	83,040,494	30
4,805	55	18,416,214	5,850	22,976,527	746,252	24,772,564	27,858,881	53,226,514	31
424	9	1,689,564	523	2,112,630	642,282	7,666,787	5,683,761	13,903,115	32
549	123	2,125,673	893	3,168,593	153,373	7,428,067	6,873,643	14,349,622	33
1,288	50	5,125,843	1,674	6,690,804	2,499,715	9,933,113	16,351,074	28,297,758	34
348	—	1,691,988	714	3,274,643	2,239,151	34,305,743	14,863,628 <sup>4</sup>	50,401,224 <sup>4</sup>	35
389	70	1,394,241	740	2,599,739	202,738	9,748,035	8,603,604	18,340,750	36
459	183	1,827,378	845	2,788,573	135,272	4,777,506	5,258,509	10,141,931	37
26,017	7,589	112,009,048	43,145	153,998,025	14,018,579	422,094,615	308,341,217	743,509,352	38

<sup>1</sup> Includes "Rubber products".<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.

TABLE 6. Principal Statistics of the Individual Industries, 1959

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	<b>1. Foods and beverages:</b>				
1	Bakery products:				
	Biscuits .....	4	35	21	235,584
2	Bread and other bakery products .....	147	227	68	1,023,843
	Beverages:				
3	Breweries .....	6	108	29	785,932
4	Carbonated beverages .....	21	95	37	576,998
	Canning and processing:				
5	Fruit and vegetable preparations .....	8	18	10	123,737
	Dairy products:				
6	Butter and cheese .....	65	158	134	968,792
7	Milk pasteurizing .....	8	24	10	151,648
	Grain mill products:				
8	Feeds, stock and poultry, prepared .....	38	62	6	257,198
9	Feed mills .....	8	7	—	11,633
10	Flour mills .....	7	97	47	403,453
11	Foods, breakfast .....	5	10	—	44,165
	Meat products:				
12	Sausage and sausage casings .....	8	18	8	197,169
13	Slaughtering and meat packing .....	12	560	140	3,385,409
	Other food industries:				
14	Confectionery .....	13	42	17	196,378
15	Animal oils and fats .....	2	37	7	244,608
16	Macaroni and kindred products .....	2			
17	Sugar refining .....	1			
18	Miscellaneous food preparations .....	21	104	81	877,555
19	Totals .....	376	1,602	615	9,484,102
20	<b>2. Tobacco and tobacco products</b> .....	—	—	—	—
	<b>3. Rubber products:</b>				
21	Rubber goods, including footwear .....	2	2	2	2
22	Totals .....	2	2	2	2
	<b>4. Leather products:</b>				
23	Footwear, leather .....	4	15	10	86,314
24	Gloves and mittens, leather .....	7	16	8	125,030
25	Leather tanning .....	2	16	6	122,766
26	Miscellaneous leather goods, n.e.s. ....	4			
27	Totals .....	17	47	24	334,110
	<b>5. Textiles:</b>				
28	Automobile accessories, fabric .....	3	11	8	72,985
29	Awnings, tents and sails .....	7	12	6	85,497
30	Bags, cotton and jute .....	3	31	12	227,394
31	Embroideries, pleating, hemstiching, etc. ....	4	2	1	8,544
32	Miscellaneous textiles, n.e.s. ....	10	19	6	107,255
33	Carpets, mats and rugs .....	2			
34	Totals .....	29	75	33	501,675
	<b>6a. Knitting mills:</b>				
35	Hosiery .....	1	9	10	75,343
36	Knitted goods, other than hosiery .....	3			
37	Totals .....	4	9	10	75,343
	<b>6b. Clothing:</b>				
	Men's, women's and children's clothing:				
38	Clothing, children's, factory .....	6	12	13	127,261
39	Clothing, men's, factory .....	49	134	104	1,281,280
40	Clothing, women's, factory .....	25	113	71	965,038
	Miscellaneous clothing:				
41	Fur goods .....	40	81	26	425,536
42	Hats and caps .....	11	24	11	163,262
43	Clothing, n.e.s. ....	3	12	13	74,745
44	Clothing contractors, women's .....	1	18	2	112,988
45	Fur dressing and dyeing .....	2			
46	Totals .....	137	394	240	3,150,110

<sup>1</sup> See footnote 1, Table 1, page 9.



TABLE 6. Principal Statistics of the Individual Industries, 1959

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.						
139	171	872,204	366	1,107,788	80,093	2,826,490	3,343,316	6,191,861	1
1,114	398	5,056,000	1,807	6,079,843	584,407	7,506,415	9,171,206	17,261,520	2
453	1	2,045,646	591	2,831,578	208,906	2,851,893	10,784,877	13,941,982	3
190	26	629,953	348	1,206,951	197,100	2,388,353	4,545,269	7,121,381	4
81	59	287,235	168	410,972	32,042	1,324,992	949,378	2,166,964	5
939	54	3,293,798	1,285	4,262,590	554,249	26,097,265	7,736,004	34,371,081	6
171	2	623,406	207	775,054	99,864	2,820,875	1,649,679	4,570,379	7
171	1	535,407	240	792,605	148,766	7,102,962	2,561,510	9,814,807	8
8	—	19,798	15	31,431	7,844	196,386	91,162	295,249	9
292	26	1,131,384	462	1,534,837	215,979	15,412,468	4,153,318	19,900,592	10
18	9	69,836	37	114,001	13,547	935,963	631,768	1,565,242	11
122	36	474,375	184	671,544	40,102	3,276,391	823,029	4,126,379	12
2,159	401	10,831,819	3,260	14,217,228	732,350	110,293,118	32,579,619	144,317,100	13
103	203	594,245	365	790,623	33,833	1,790,315	1,599,154	3,414,139	14
155	17	561,601	216	806,209	176,523	2,707,003	1,740,722	7,053,848	15
234	193	1,282,762	612	2,160,317	290,373	12,267,897	6,408,408	19,178,713	16
6,349	1,597	28,309,469	10,163	37,793,571	3,415,978	199,798,786	88,768,419	295,291,237	17
—	—	—	—	—	—	—	—	—	18
2	2	2	2	2	2	2	2	2	19
2	2	2	2	2	2	2	2	2	20
129	95	484,936	249	571,250	7,906	1,298,462	1,071,357	2,234,099	21
73	143	443,339	240	568,369	6,162	895,916	911,088	1,735,405	22
79	29	305,277	130	428,043	28,758	1,335,730	615,691	1,969,160	23
281	267	1,233,552	619	1,567,662	42,826	3,530,108	2,598,136	5,938,664	24
11	41	101,247	71	174,232	4,216	453,897	256,357	708,814	25
21	49	145,155	88	230,652	6,310	570,953	326,117	938,467	26
59	96	426,579	198	653,973	20,932	4,623,014	1,523,916	6,167,909	27
—	16	32,237	19	40,781	423	17,462	57,371	75,682	28
50	53	221,107	128	328,362	14,881	745,287	611,492	1,371,260	29
141	255	926,325	504	1,428,000	46,762	6,410,613	2,775,253	9,262,132	30
20	79	162,493	118	237,836	7,598	671,809	463,002	1,126,223	31
20	79	162,493	118	237,836	7,598	671,809	463,002	1,126,223	32
50	218	564,883	293	692,144	10,813	1,046,281	1,374,855	2,408,611	33
415	2,168	5,066,438	2,821	6,347,718	91,135	13,525,562	10,885,950	24,039,602	34
365	992	3,233,594	1,541	4,198,632	43,942	8,368,814	6,177,196	14,590,152	35
185	152	1,003,379	444	1,428,915	25,248	2,619,557	2,123,416	4,659,597	36
49	281	585,276	345	748,538	8,726	826,866	1,356,788	2,105,663	37
1	33	61,629	59	136,374	5,092	259,092	127,401	393,130	38
93	72	462,774	185	575,762	13,769	88,877	743,107	842,667	39
1,158	3,896	10,977,973	5,688	14,128,083	198,725	26,735,049	22,788,713	49,039,422	40

<sup>1</sup> Included in "Miscellaneous industries".

TABLE 6. Principal Statistics of the Individual Industries, 1959 - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
7. Wood products:					
1	Furniture .....	117	263	89	1,782,096
Saw and planing mills:					
2	Sash, door and planing mills .....	30	104	10	466,696
3	Sawmills .....	210	214	1	128,214
Other wood industries:					
4	Boxes and baskets, wood .....	5	15	4	69,770
5	Morticians' goods .....	2	14	9	85,835
6	Excelsior .....	1			
7	Veneer and plywood .....	3			
8	Woodenware .....	1			
9	Miscellaneous wood products, n.e.s. ....	9	17	8	72,774
10	Totals .....	378	627	121	2,605,385
8. Paper products:					
11	Boxes and bags, paper .....	10	86	37	581,141
12	Pulp and paper .....	3	72	7	467,637
13	Roofing paper .....	3	48	8	256,104
14	Miscellaneous paper goods .....	6	25	17	164,153
15	Totals .....	22	231	69	1,469,035
9. Printing, publishing and allied industries:					
Commercial printing:					
16	Printing and bookbinding .....	90	224	126	1,810,217
17	Trade composition .....	3	4	1	18,191
Engraving, stereotyping and allied industries:					
18	Engraving, stereotyping and electrotyping .....	7	51	34	437,021
19	Lithographing .....	2			
Printing and publishing:					
20	Printing and publishing .....	75	568	352	3,201,394
21	Publishing (only) of periodicals .....	99	103	65	410,068
22	Totals .....	276	950	578	5,876,891
10. Iron and steel products:					
23	Agricultural implements .....	16	63	25	572,322
24	Boilers, tanks and platework .....	3	18	3	76,538
25	Castings, iron .....	7	61	17	337,140
26	Hardware, tools and cutlery .....	5	14	4	42,963
27	Heating and cooking apparatus .....	5	39	12	279,171
28	Machinery, industrial .....	14	98	37	646,888
29	Machine shops .....	39	88	10	519,283
30	Sheet metal products .....	34	243	72	1,446,612
31	Wire and wire goods .....	3	6	—	25,467
32	Miscellaneous iron and steel products .....	15	189	31	1,077,896
33	Bridge and structural steel work .....	3	316	81	2,125,438
34	Machinery, household, office and store .....	2			
35	Primary iron and steel .....	3			
36	Totals .....	149	1,135	292	7,149,718
11. Transportation equipment:					
37	Boat building .....	11	12	2	41,757
38	Motor vehicle parts .....	13	61	20	375,803
39	Railway rolling stock .....	4	269	5	1,451,559
40	Aircraft and parts .....	3	434	187	2,693,194
41	Motor vehicles .....	2			
42	Totals .....	33	776	214	4,562,313
12. Non-ferrous metal products:					
43	Brass and copper products .....	5	31	3	193,593
44	Jewellery and silverware .....	4	10	4	29,418
45	White metal alloys .....	3	34	8	200,055
46	Miscellaneous non-ferrous metal products .....	2			
47	Non-ferrous metal smelting and refining .....	1			
48	Totals .....	15	75	15	423,066

<sup>1</sup> See footnote 1, Table 1, page 9.

TABLE 6. Principal Statistics of the Individual Industries, 1959 - Continued

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.			dollars			
1,420	208	4,731,736	1,980	6,513,832	219,376	12,615,844	10,133,554	22,865,887	1
441	3	1,296,437	558	1,763,133	81,339	2,586,675	2,371,891	5,013,250	2
205	—	288,459	420	416,673	59,245	1,125,112	782,005	1,966,362 <sup>2</sup>	3
92	—	244,175	111	313,945	15,975	486,172	421,961	895,460	4
99	23	312,022	145	397,857	17,454	722,132	875,904	1,558,013	5
53	10	189,523	88	262,297	26,431	549,467	460,238	1,048,127	6
2,310	244	7,062,352	3,302	9,667,737	419,820	18,085,402	15,045,553	33,347,099	7
									8
									9
									10
349	174	1,560,604	646	2,141,745	124,760	7,454,030	4,321,502	11,702,617	11
482	—	2,175,821	561	2,643,458	1,355,688	5,892,722	10,997,143	18,291,308	12
94	—	328,054	150	584,158	67,102	1,596,532	1,004,740	2,683,608	13
68	89	429,294	199	593,447	19,647	2,695,997	3,434,136	6,095,366	14
993	263	4,493,773	1,556	5,962,808	1,567,197	17,639,281	19,757,521	38,772,899	15
739	286	3,565,425	1,375	5,375,642	113,665	4,628,430	9,118,495	13,831,443	16
6	—	19,594	11	37,785	1,039	17,945	52,339	71,323	17
210	13	1,045,078	308	1,482,099	20,987	721,190	1,890,432	2,645,071	18
897	149	3,924,707	1,966	7,126,101	173,125	5,906,172	14,468,476	20,596,686	19
—	—	—	168	410,068	—	1,026,153	859,592	1,885,745 <sup>2</sup>	20
1,852	448	8,554,804	3,828	14,431,695	308,816	12,299,890	26,389,334	39,030,268	21
									22
415	3	1,278,668	506	1,850,990	99,828	4,580,084	3,730,705	8,062,210	23
68	—	197,439	89	273,977	16,722	715,651	489,899	1,219,187	24
352	1	1,296,588	431	1,633,728	60,176	1,300,586	2,805,494	4,160,800	25
38	1	126,541	57	169,504	7,843	147,985	267,427	418,953	26
195	1	573,933	247	853,104	34,783	1,978,962	1,750,098	3,750,015	27
298	17	1,113,871	450	1,760,759	69,571	2,461,243	2,887,470	5,275,330	28
249	4	908,362	351	1,427,645	54,700	1,177,434	2,134,440	3,347,100	29
799	11	2,719,555	1,125	4,166,167	133,336	7,302,149	7,583,417	14,777,849	30
16	—	37,335	22	62,802	5,604	65,118	97,632	168,277	31
509	12	1,978,092	741	3,055,988	118,499	4,727,314	6,247,954	11,155,106	32
1,712	—	7,787,022	2,109	9,912,460	791,012	13,835,336	16,267,650	30,705,667	33
									34
									35
4,651	50	18,017,406	6,128	25,167,124	1,392,074	38,291,862	44,262,186	83,040,494	36
46	—	139,101	60	180,858	13,070	168,341	208,522	403,763	37
260	43	850,792	384	1,226,595	53,971	1,624,184	2,351,435	3,880,816	38
3,461	—	13,525,566	3,735	14,977,125	487,975	17,232,399	15,933,110	33,653,484 <sup>2</sup>	39
1,038	12	3,900,755	1,671	6,593,949	191,236	5,747,640	9,365,814	15,288,451	40
4,805	55	18,416,214	5,850	22,978,527	746,252	24,772,564	27,858,881	53,226,514	41
									42
125	—	383,324	159	576,917	55,122	1,578,113	1,435,750	3,004,074	43
14	3	57,640	31	87,058	1,545	157,621	182,545	343,110	44
285	6	1,248,600	333	1,448,655	585,615	5,931,053	4,065,466	10,555,931	45
									46
									47
424	9	1,689,564	523	2,112,630	642,282	7,666,787	5,683,761	13,903,115	48

<sup>2</sup> Reported on a production basis.



TABLE 6. Principal Statistics of the Individual Industries, 1959 - Concluded

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
13. Electrical apparatus and supplies:					
1	Machinery, heavy, electrical .....	4	54	11	295,196
2	Refrigerators, vacuum cleaners and appliances .....	5	12	—	54,056
3	Batteries .....	2	61	25	392,620
4	Telecommunication .....	1			
5	Miscellaneous electrical apparatus and supplies .....	8	48	10	301,048
6	Totals .....	20	175	46	1,042,920
14. Non-metallic mineral products:					
7	Clay products from domestic clay .....	3	12	2	73,792
8	Concrete products .....	16	129	25	671,562
9	Lime .....	6	20	13	100,220
10	Stone products .....	9	18	3	83,891
11	Glass and glass products .....	5	10	3	71,857
Other non-metallic mineral industries:					
12	Cement, hydraulic .....	1	70	21	502,443
13	Gypsum products .....	2			
14	Salt .....	1			
15	Miscellaneous non-metallic mineral products .....	3	8	2	61,196
16	Totals .....	46	267	69	1,564,961
15. Products of petroleum and coal:					
17	Petroleum products .....	4	201	165	1,582,655
18	Miscellaneous products of petroleum and coal .....	2			
19	Totals .....	6	201	165	1,582,655
16. Chemicals and allied products:					
20	Medicinal and pharmaceutical preparations .....	5	26	24	161,273
21	Paints, varnishes and lacquers .....	5	53	25	374,845
22	Soaps, washing compounds and cleaning preparations .....	6	9	4	54,882
Other chemical industries:					
23	Gases, compressed .....	3	26	13	164,183
24	Inks .....	4	6	3	35,947
25	Miscellaneous chemical products .....	7	43	22	297,682
26	Adhesives .....	2	20	7	116,686
27	Toilet preparations .....	1			
28	Vegetable oils .....	2			
29	Totals .....	35	183	98	1,205,498
17. Miscellaneous industries:					
30	Brooms, brushes and mops .....	6	13	4	136,341
31	Clocks, watches and watch cases .....	3	5	2	22,086
32	Orthopaedic and surgical appliances .....	5	5	1	17,884
33	Plastics products .....	8	32	17	236,954
Other miscellaneous industries:					
34	Signs, electric, neon and other .....	12	63	20	380,243
35	Stamps and stencils, rubber and metal .....	5	5	2	33,900
36	Statuary, art goods, regalia and novelties .....	8	9	—	33,666
37	Artificial flowers and feathers .....	1	18	7	100,121
38	Candles .....	1			
39	Hair goods .....	1			
40	Ice, artificial .....	1			
41	Instruments and related products .....	2			
42	Lamps, electric and lamp shades .....	2			
43	Models and patterns, excluding paper .....	2			
44	Ophthalmic goods .....	1			
45	Rubber goods, including footwear .....	2			
46	Sporting goods .....	1			
47	Toys and games .....	2			
48	Miscellaneous industries n.e.s. ....	1			
49	Totals <sup>2</sup> .....	64	150	53	961,195
50	Grand totals .....	1,607	6,897	2,642	41,988,977

See footnote 1, table 1, page 9.

TABLE 6. Principal Statistics of the Individual Industries, 1959 — Concluded

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.			dollars			
183	16	664,681	264	959,877	36,396	2,104,250	1,487,053	3,720,439	1
79	—	354,254	91	408,310	14,352	634,379	550,030	1,243,786	2
123	55	492,263	264	884,883	45,138	1,916,271	2,642,123	4,490,234	3
164	52	614,475	274	915,523	57,487	2,773,167	2,194,437	4,895,163	4
549	123	2,125,673	893	3,168,593	153,373	7,428,067	6,873,643	14,349,622	5
									6
49	1	159,303	64	233,095	73,247	87,565	470,099	618,550	7
561	20	2,338,859	735	3,010,421	436,245	4,647,267	5,031,567	10,107,148	8
104	—	322,198	137	422,418	244,107	167,882	668,851	1,061,799	9
45	2	135,888	68	219,779	11,170	256,940	392,540	648,108	10
23	23	97,591	59	169,448	7,663	390,919	372,247	772,432	11
487	4	2,010,276	582	2,512,719	1,713,114	4,234,919	9,189,055	14,701,893	12
19	—	61,728	29	122,924	14,169	147,621	226,715	387,828	13
1,288	50	5,125,843	1,674	6,690,804	2,499,713	9,933,113	16,351,074	28,297,758	14
									15
348	—	1,691,988	714	3,274,643	2,239,151	34,305,743	14,863,628	50,401,224	16
348	—	1,691,988	714	3,274,643	2,239,151	34,305,743	14,863,628	50,401,224	17
									18
27	25	152,454	102	313,727	18,685	511,627	1,082,207	1,586,198	19
184	33	622,329	295	997,174	45,753	4,004,923	3,074,134	6,898,130	20
20	3	60,478	36	115,360	10,135	577,245	727,577	1,314,221	21
34	1	143,320	74	307,503	23,577	287,137	1,297,173	1,599,473	22
18	—	64,883	27	100,830	6,273	334,332	341,138	673,345	23
49	3	171,822	117	469,504	26,358	1,657,184	1,145,073	2,865,123	24
57	5	178,955	89	295,641	71,957	2,375,587	936,302	3,404,260	25
389	70	1,394,241	740	2,599,739	202,738	9,748,035	8,603,604	18,340,750	26
									27
85	22	249,073	124	385,414	11,063	561,315	524,654	1,089,668	28
5	—	10,051	12	32,137	924	176,725	95,968	257,739	29
7	5	22,091	18	39,975	2,865	40,766	56,099	99,796	30
117	78	572,206	244	809,160	38,363	2,890,625	2,136,915	5,079,338	31
161	8	574,627	252	954,870	48,037	622,426	1,576,788	2,237,242	32
9	2	37,025	18	70,925	423	10,315	96,913	107,590	33
24	42	130,336	75	164,002	5,778	181,986	218,023	391,242	34
									35
51	26	231,969	102	332,090	27,819	293,348	553,149	879,316	36
									37
459	183	1,827,378	845	2,788,573	135,272	4,777,506	5,258,509	10,141,931	38
26,017	7,589	112,009,048	43,145	153,998,025	14,018,579	422,094,615	308,341,217	743,509,352	39
									40
									41
									42
									43
									44
									45
									46
									47
									48
									49
									50

<sup>1</sup> Includes Rubber goods, including footwear.





SUBSECTION 2

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PROVINCE OF SASKATCHEWAN

**TABLE 7. Principal Statistics of the Manufacturing Industries of the Province of Saskatchewan  
1931 - 1959**

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross value of products <sup>2</sup>
	No.	\$	No.		dollars		
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	"	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	167,688,138
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
1958 .....	970	"	12,283	43,228,392	198,833,974	123,394,168	331,298,441
1959 .....	883	"	12,539	47,033,816	213,376,697	125,877,439	347,320,321

<sup>1</sup> Prior to 1952 the value added by manufacture was 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 was made from the calculated value of production. In 1954 and 1955 the value of production was obtained by adjusting shipments for inventory change of finished goods only, while in 1956 and subsequent years adjustments were made for both goods in process and finished goods. The figures for value added for 1956 and subsequent years are, therefore, comparable with 1951 and earlier years. (See footnote 1, Table 1, page 9.)

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

<sup>3</sup> Not collected.

TABLE 8. Principal Statistics Compared, 1958 and 1959

Principal statistics	1958	1959	+Increase -Decrease
Establishments ..... No.	970	883	- 87
Administrative and office employees:			
Male ..... "	2,583	2,512	- 71
Female ..... "	908	956	+ 48
Salaries ..... \$	12,804,725	13,963,802	+ 1,159,077
Production workers:			
Male ..... No.	7,778	8,011	+ 233
Female ..... "	1,014	1,060	+ 46
Wages ..... \$	30,423,667	33,070,014	+ 2,646,347
Cost of fuel and electricity ..... \$	8,945,126	9,634,650	+ 689,524
Cost at plant of materials used ..... \$	198,833,974	213,376,697	+14,542,723
Value added by manufacture <sup>1</sup> ..... \$	123,394,168	125,877,439	+ 2,483,271
Selling value of factory shipments ..... \$	331,298,441	347,320,321	+16,021,880

<sup>1</sup> See footnote 1, Table 1, p. 9.

TABLE 9. Principal Statistics of the Leading Industries of Saskatchewan, 1959

No.	Industries	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Value of factory shipments
		number			dollars		
1	Petroleum products.....	9	1,100	5,882,726	53,740,808	23,876,931	79,792,985 <sup>1,4</sup>
2	Slaughtering and meat packing .....	10	1,500	6,577,425	44,822,811	14,038,118	59,229,998
3	Flour mills.....	9	705	2,894,925	30,917,417	9,662,953	40,974,229
4	Butter and cheese.....	55	1,429	4,577,229	25,682,130	8,583,036	35,363,707
5	Bread and other bakery products .....	97	1,046	3,499,168	4,520,136	6,313,476	11,137,669
6	Breweries .....	5	362	1,803,480	2,567,106	7,184,944	10,100,026
7	Printing and publishing .....	89	1,176	4,041,354	2,276,621	7,271,869	9,674,850
8	Sheet metal products .....	8	271	1,015,423	3,368,611	2,465,270	5,740,266
9	Concrete products.....	20	298	1,037,587	2,889,089	2,775,415	5,655,780
10	Carbonated beverages .....	28	263	885,081	1,832,023	3,363,870	5,417,099
11	Sash, door and planing mills .....	25	418	1,378,232	2,852,596	2,258,310	5,138,177
12	Sawmills .....	248	541	675,576	1,735,931	1,210,440	3,030,883 <sup>2</sup>
13	Feeds, stock and poultry, prepared ..	11	87	279,291	2,188,642	818,930	3,024,833
14	Printing and bookbinding .....	35	249	959,491	636,615	1,454,859	2,109,315
15	All other leading industries <sup>3</sup> .....	8	1,011	4,705,929	20,896,137	20,933,413	44,071,992
16	Totals, leading industries .....	657	10,456	40,212,917	200,926,673	112,211,834	320,461,809
17	Totals, all industries.....	883	12,539	47,033,816	213,376,697	125,877,439	347,320,321

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Reported on a production basis.<sup>3</sup> Includes Castings iron, cement hydraulic, non-ferrous metal smelting and refining, and vegetable oils.<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.



TABLE 10. Principal Statistics by Industrial Groups, 1958 and 1959

No.	Industrial groups	Establishments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	<b>1958</b>				
1	Foods and beverages .....	242	835	448	4,865,335
2	Tobacco and tobacco products .....	—	—	—	—
3	Rubber products .....	—	—	—	—
4	Leather products .....	—	—	—	—
5	Textiles .....	7	9	3	47,392
6	Knitting mills .....	—	—	—	—
7	Clothing .....	8	25	18	212,609
8	Wood products .....	391	507	24	674,033
9	Paper products .....	6	10	4	65,402
10	Printing, publishing and allied industries .....	180	451	233	2,278,875
11	Iron and steel products .....	53	146	45	872,531
12	Transportation equipment .....	3	6	—	19,781
13	Non-ferrous metal products .....	2	2	2	2
14	Electrical apparatus and supplies .....	2	2	2	2
15	Non-metallic mineral products .....	33	120	27	662,202
16	Products of petroleum and coal .....	13	308	58	2,063,642
17	Chemicals and allied products .....	10	92	37	618,697
18	Miscellaneous industries <sup>3</sup> .....	24	74	11	424,226
19	<b>Totals, 1958</b> .....	<b>970</b>	<b>2,583</b>	<b>908</b>	<b>12,804,725</b>
	<b>1959</b>				
20	Foods and beverages .....	235	829	459	5,288,272
21	Tobacco and tobacco products .....	—	—	—	—
22	Rubber products .....	—	—	—	—
23	Leather products .....	—	—	—	—
24	Textiles .....	7	9	3	46,766
25	Knitting mills .....	—	—	—	—
26	Clothing .....	9	33	33	280,752
27	Wood products .....	314	386	20	679,946
28	Paper products .....	7	23	10	157,787
29	Printing, publishing and allied industries .....	177	449	239	2,355,175
30	Iron and steel products .....	55	190	54	1,053,839
31	Transportation equipment .....	3	6	1	29,011
32	Non-ferrous metal products .....	2	2	2	2
33	Electrical apparatus and supplies .....	2	2	2	2
34	Non-metallic mineral products .....	32	141	27	850,010
35	Products of petroleum and coal .....	11	286	59	2,110,682
36	Chemicals and allied products .....	10	87	38	654,617
37	Miscellaneous industries <sup>3</sup> .....	23	73	13	456,945
38	<b>Totals, 1959</b> .....	<b>883</b>	<b>2,512</b>	<b>956</b>	<b>13,963,802</b>

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Confidential. Included in "Miscellaneous industries".

TABLE 10. Principal Statistics by Industrial Groups, 1958 and 1959

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.	dollars					
3,579	598	14,492,117	5,460	19,357,452	2,071,010	105,191,482	47,884,410	155,118,581	1
—	—	—	—	—	—	—	—	—	2
—	—	—	—	—	—	—	—	—	3
—	—	—	—	—	—	—	—	—	4
13	46	123,474	71	170,866	2,603	820,907	317,180	1,138,402	5
—	—	—	—	—	—	—	—	—	6
65	154	425,873	262	638,482	17,447	1,084,142	1,196,280	2,423,879	7
789	20	2,094,451	1,340	2,768,484	206,705	5,834,114	4,996,143	11,056,447	8
51	16	235,950	81	301,352	69,217	432,901	413,056	852,205	9
710	154	2,863,870	1,548	5,142,745	150,162	3,370,073	8,837,820	12,351,592	10
594	8	1,930,670	793	2,803,201	161,870	9,732,482	6,925,676	16,766,059	11
5	—	18,401	11	38,182	2,593	19,913	63,782	86,452	12
2	2	2	2	2	2	2	2	2	13
2	2	2	2	2	2	2	2	2	14
457	6	1,531,015	610	2,193,217	921,116	2,737,172	8,070,843	11,755,323	15
850	2	3,955,513	1,218	6,019,155	2,940,903	50,631,451	29,505,893	83,164,169	16
83	3	337,101	215	955,798	38,090	3,001,688	1,308,105	4,359,950	17
582	7	2,415,232	674	2,839,458	2,363,410	15,977,649	13,874,980	32,225,382	18
7,778	1,014	30,423,667	12,283	43,228,392	8,945,126	198,833,974	123,394,168	331,298,441	19
3,629	628	15,720,008	5,545	21,008,280	2,138,699	113,961,789	50,883,443	167,641,035	20
—	—	—	—	—	—	—	—	—	21
—	—	—	—	—	—	—	—	—	22
—	—	—	—	—	—	—	—	—	23
11	44	116,175	67	162,941	3,136	714,070	315,536	1,032,964	24
—	—	—	—	—	—	—	—	—	25
39	165	424,923	270	705,675	14,017	1,177,544	1,109,489	2,364,916	26
785	16	2,153,223	1,207	2,833,169	184,086	5,665,866	4,795,375	10,583,487	27
102	42	467,986	177	625,773	118,470	1,365,438	1,007,677	2,476,124	28
722	148	3,019,310	1,558	5,374,485	153,053	3,541,994	9,230,636	12,920,076	29
672	1	2,442,821	917	3,496,660	177,801	9,089,708	7,375,608	16,061,288	30
50	—	109,139	57	138,150	3,886	206,032	572,928	681,348	31
2	2	2	2	2	2	2	2	2	32
2	2	2	2	2	2	2	2	2	33
535	6	1,838,349	709	2,688,359	962,144	3,489,020	8,805,145	12,896,206	34
790	2	3,931,376	1,137	6,042,058	3,355,117	54,100,848	24,306,382 <sup>4</sup>	80,618,207 <sup>4</sup>	35
74	2	305,043	201	959,660	43,602	3,279,648	1,911,647	5,256,266	36
602	6	2,541,661	694	2,998,606	2,480,639	16,784,740	15,563,573	34,788,404	37
8,011	1,060	33,070,014	12,539	47,033,816	9,634,650	213,376,697	125,877,439	347,320,321	38

<sup>1</sup> Includes: Non-ferrous metal products and Electrical apparatus and supplies.<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.

TABLE 11. Principal Statistics of the Individual Industries, 1959

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	<b>1. Foods and beverages:</b>				
	Bakery products:				
1	Bread and other bakery products .....	97	145	52	689,533
	Beverages:				
2	Breweries .....	5	45	7	352,691
3	Carbonated beverages .....	28	56	25	357,867
	Dairy products:				
4	Butter and cheese .....	55	143	205	1,025,532
5	Milk pasteurizing .....	10	13	5	64,273
	Grain mill products:				
6	Feed, stock and poultry, prepared .....	11	21	7	92,566
7	Feed mills .....	3	2	—	1,760
8	Flour mills .....	9	188	64	1,222,812
	Meat products:				
9	Slaughtering and meat packing .....	10	206	85	1,384,667
	Other food industries:				
10	Biscuits .....	1	6	4	65,438
11	Confectionery .....	1			
12	Fruit and vegetable preparations .....	1			
13	Sausage and sausage casings .....	1			
14	Miscellaneous food preparations .....	3	4	5	31,133
15	<b>Totals</b> .....	<b>235</b>	<b>829</b>	<b>459</b>	<b>5,288,272</b>
16	<b>2. Tobacco and tobacco products</b> .....	—	—	—	—
17	<b>3. Rubber products</b> .....	—	—	—	—
18	<b>4. Leather products</b> .....	—	—	—	—
	<b>5. Textiles:</b>				
19	Awnings, tents and sails .....	3	3	—	8,750
20	Embroideries, pleating, hemstitching, etc. ....	3	6	3	38,016
21	Bags, cotton and jute .....	1			
22	<b>Totals</b> .....	<b>7</b>	<b>9</b>	<b>3</b>	<b>46,766</b>
23	<b>6a. Knitting mills</b> .....	—	—	—	—
	<b>6b. Clothing:</b>				
	Men's, women's and children's clothing:				
24	Clothing, men's factory .....	1	17	25	171,419
25	Clothing, women's, factory .....	2			
	Miscellaneous clothing:				
26	Fur goods .....	6	16	8	109,333
27	<b>Totals</b> .....	<b>9</b>	<b>33</b>	<b>33</b>	<b>280,752</b>
	<b>7. Wood products:</b>				
28	Furniture .....	33	39	2	119,640
	Saw and planing mills:				
29	Sash, door and planing mills .....	25	63	13	279,566
30	Sawmills .....	248	264	1	174,851
	Other wood industries:				
31	Veneer and plywood .....	1	20	4	105,889
32	Miscellaneous wood products, n.e.s. ....	7			
33	<b>Totals</b> .....	<b>314</b>	<b>386</b>	<b>20</b>	<b>679,946</b>
	<b>8. Paper products:</b>				
34	Boxes and bags, paper .....	4	10	7	69,403
35	Miscellaneous paper goods .....	2	13	3	88,384
36	Pulp and paper .....	1			
37	<b>Totals</b> .....	<b>7</b>	<b>23</b>	<b>10</b>	<b>157,787</b>

<sup>1</sup> See footnote 1, Table 1, page 9.



TABLE 11. Principal Statistics of the Individual Industries, 1959

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.	dollars					
613	236	2,809,635	1,046	3,499,168	301,851	4,520,136	6,313,476	11,137,669	1
310	—	1,450,789	362	1,803,480	170,786	2,567,106	7,184,944	10,100,026	2
153	29	527,214	263	885,081	221,067	1,832,023	3,363,870	5,417,099	3
1,008	73	3,551,697	1,429	4,577,229	561,759	25,682,130	8,583,036	35,363,707	4
61	2	185,262	81	249,535	41,997	816,567	436,501	1,295,557	5
57	2	186,725	87	279,291	64,247	2,188,642	818,930	3,024,833	6
1	—	1,600	3	3,360	560	7,450	4,434	12,734	7
422	31	1,672,113	705	2,894,925	368,423	30,917,417	9,662,953	40,974,229	8
979	230	5,192,758	1,500	6,577,425	386,806	44,822,811	14,038,118	59,229,998	9
25	16	125,459	51	190,897	19,390	501,684	411,888	912,624	10
—	9	16,756	18	47,889	1,813	105,823	65,293	172,559	11
3,629	628	15,720,008	5,545	21,008,280	2,138,699	113,961,789	50,883,443	167,641,035	12
—	—	—	—	—	—	—	—	—	13
—	—	—	—	—	—	—	—	—	14
—	—	—	—	—	—	—	—	—	15
4	7	18,824	14	27,574	638	22,300	48,303	70,865	16
7	37	97,351	53	135,367	2,498	691,770	267,233	962,099	17
11	44	116,175	67	162,941	3,136	714,070	315,536	1,032,964	18
—	—	—	—	—	—	—	—	—	19
16	144	282,496	202	453,915	7,196	821,793	596,925	1,498,707	20
23	21	142,427	68	251,760	6,821	355,751	512,564	866,209	21
39	165	424,923	270	705,675	14,017	1,177,544	1,109,489	2,364,916	22
55	6	175,807	102	295,447	15,458	282,956	412,713	711,161	23
338	4	1,098,666	418	1,378,232	51,780	2,852,596	2,258,310	5,138,177	24
272	4	500,725	541	675,576	84,512	1,735,931	1,210,440	3,030,883 <sup>2</sup>	25
120	2	378,025	146	483,914	32,336	794,383	913,912	1,703,266	26
785	16	2,153,223	1,207	2,833,169	184,086	5,665,866	4,795,375	10,583,487	27
40	36	220,321	93	289,724	18,335	1,127,818	590,552	1,719,656	28
62	6	247,665	84	336,049	100,135	237,620	417,125	756,468	29
102	42	467,986	177	625,773	118,470	1,365,438	1,007,677	2,476,124	30

<sup>2</sup> Reported on a production basis.

TABLE 11. Principal Statistics of the Individual Industries, 1959 - Concluded

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	<b>9. Printing, publishing and allied industries:</b>				
	Commercial printing:				
1	Printing and bookbinding .....	35	53	18	278,043
	Printing and publishing:				
2	Printing and publishing .....	89	345	176	1,824,748
3	Publishing (only) of periodicals .....	49	42	43	181,356
	Other printing, publishing and allied industries:				
4	Engraving, stereotyping and electrotyping .....	1	9	2	71,028
5	Lithographing .....	1			
6	Trade composition .....	2			
7	<b>Totals</b> .....	<b>177</b>	<b>449</b>	<b>239</b>	<b>2,355,175</b>
	<b>10. Iron and steel products:</b>				
8	Agricultural implements .....	7	11	1	65,682
9	Machinery, industrial .....	7	20	14	123,666
10	Machine shops .....	21	31	5	123,609
11	Sheet metal products .....	8	55	17	270,372
12	Boilers, tanks and other platework .....	1	73	17	470,510
13	Bridge and structural steel .....	1			
14	Castings, iron .....	6			
15	Miscellaneous iron and steel products .....	4			
16	<b>Totals</b> .....	<b>55</b>	<b>190</b>	<b>54</b>	<b>1,053,839</b>
	<b>11. Transportation equipment:</b>				
17	Motor vehicle parts .....	3	6	1	29,011
18	<b>Totals</b> .....	<b>3</b>	<b>6</b>	<b>1</b>	<b>29,011</b>
	<b>12. Non-ferrous metal products:</b>				
19	Jewellery and silverware .....	3	3	3	3
20	Non-ferrous metal smelting and refining .....	3	3	3	3
	<b>13. Electrical apparatus and supplies:</b>				
21	Machinery, heavy, electrical .....	3	3	3	3
22	Miscellaneous electrical apparatus and supplies .....	3	3	3	3
	<b>14. Non-metallic mineral products:</b>				
23	Clay products from domestic clay .....	5	24	3	153,063
24	Concrete products .....	20	62	11	331,663
25	Cement, hydraulic .....	1	50	11	335,599
26	Salt .....	1			
27	Stone products .....	2			
28	Miscellaneous non-metallic mineral products .....	3	5	2	29,683
29	<b>Totals</b> .....	<b>32</b>	<b>141</b>	<b>27</b>	<b>850,010</b>
	<b>15. Products of petroleum and coal:</b>				
30	Petroleum products .....	9	286	59	2,110,682
31	Miscellaneous products of petroleum and coal .....	2			
32	<b>Totals</b> .....	<b>11</b>	<b>286</b>	<b>59</b>	<b>2,110,682</b>
	<b>16. Chemicals and allied products:</b>				
33	Acids, alkalies and salts .....	1	80	34	612,522
34	Gases, compressed .....	2			
35	Toilet preparations .....	1			
36	Vegetable oils .....	1	7	4	42,095
37	Miscellaneous chemical products n.e.s. ....	5			
38	<b>Totals</b> .....	<b>10</b>	<b>87</b>	<b>38</b>	<b>654,617</b>
	<b>17. Miscellaneous industries:</b>				
39	Brooms, brushes and mops .....	3	5	1	18,303
40	Signs, electric, neon and other .....	9	15	3	82,627
	Other miscellaneous industries:				
41	Candles .....	1	53	9	356,015
42	Ice, artificial .....	1			
43	Jewellery and silverware .....	2			
44	Machinery, heavy, electrical .....	2	53	9	356,015
45	Miscellaneous electrical apparatus and supplies ..	1			
46	Non-ferrous metal smelting and refining .....	—			
47	Ophthalmic goods .....	1	53	9	356,015
48	Sporting goods .....	1			
49	Stamps and stencils, rubber and metal .....	2			
50	<b>Totals<sup>4</sup></b> .....	<b>23</b>	<b>73</b>	<b>13</b>	<b>456,945</b>
51	<b>Grand totals</b> .....	<b>883</b>	<b>2,512</b>	<b>956</b>	<b>13,963,802</b>

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Reported on a production basis.<sup>3</sup> Confidential. Included in "Miscellaneous Industries".

TABLE 11. Principal Statistics of the Individual Industries, 1959 — Concluded

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.			dollars			
139	39	681,448	249	959,491	20,594	636,615	1,454,859	2,109,315	1
554	101	2,216,606	1,176	4,041,354	129,714	2,276,621	7,271,869	9,674,850	2
—	—	—	85	181,356	—	515,734	264,025	779,759 <sup>2</sup>	3
29	8	121,256	48	192,284	2,745	113,024	239,883	356,152	5
722	148	3,019,310	1,558	5,374,485	153,053	3,541,994	9,230,636	12,920,076	6
27	—	108,767	39	174,449	8,868	238,275	474,760	712,924	7
111	—	395,720	145	519,386	24,552	580,769	799,123	1,501,174	8
63	1	208,267	100	331,876	25,678	235,539	466,937	731,351	9
199	—	745,051	271	1,015,423	30,983	3,368,611	2,465,270	5,740,266	10
272	—	985,016	362	1,455,526	87,720	4,666,514	3,169,518	7,375,573	11
672	1	2,442,821	917	3,496,660	177,801	9,089,708	7,375,608	16,061,288	12
50	—	109,139	57	138,150	3,886	206,032	572,928	681,348	13
50	—	109,139	57	138,150	3,886	206,032	572,928	681,348	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
3	3	3	3	3	3	3	3	3	18
156	—	536,820	183	689,885	192,182	24,084	1,161,274	1,374,834	19
224	1	705,924	298	1,037,587	143,864	2,889,089	2,775,415	5,655,780	20
136	5	534,707	202	870,306	565,687	525,838	4,652,445	5,536,740	21
19	—	60,898	26	90,581	60,411	50,009	216,011	328,852	22
535	6	1,838,349	709	2,688,359	962,144	3,489,020	8,805,145	12,896,206	23
790	2	3,931,376	1,137	6,042,058	3,355,117	54,100,848	24,306,382	80,618,207	24
790	2	3,931,376	1,137	6,042,058	3,355,117	54,100,848	24,306,382	80,618,207	25
56	—	238,850	170	851,372	36,743	2,859,368	1,492,143	4,346,654	26
18	2	66,193	31	108,288	6,859	420,280	419,504	909,612	27
74	2	305,043	201	959,660	43,602	3,279,648	1,911,647	5,256,266	28
8	5	33,199	19	51,502	723	78,508	73,363	149,591	29
63	—	192,602	81	275,229	17,302	125,015	558,929	701,231	30
531	1	2,315,860	594	2,671,875	2,462,614	16,581,217	14,931,281	33,937,582	31
602	6	2,541,661	694	2,998,606	2,480,639	16,784,740	15,563,573	34,788,404	32
8,011	1,060	33,070,014	12,539	47,033,816	9,634,650	213,376,697	125,877,439	347,320,321	33
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<sup>1</sup> Includes Jewellery and silverware, Machinery, heavy, electrical, Miscellaneous electrical apparatus and supplies and Non-ferrous metal smelting and refining.





SUBSECTION 3

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PROVINCE OF ALBERTA

**TABLE 12. Principal Statistics of the Manufacturing Industries of Alberta  
1931 - 1959**

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross value of products <sup>2</sup>
	No.	\$	No.		dollars		
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	"	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
1958.....	1,762	"	37,860	140,135,179	495,311,847	339,439,455	848,251,994
1959.....	1,830	"	39,522	152,505,413	524,268,966	346,299,750	887,316,797

<sup>1</sup> Prior to 1952 the value added by manufacture was 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 was made from the calculated value of production. In years 1954 and 1955 the value of production was obtained by adjusting shipments for inventory change of finished goods only, while in 1956 and subsequent years adjustments were made for both goods in process and finished goods. The figures for value added for 1956 and subsequent years are, therefore, comparable with 1951 and earlier years. (See footnote 1, Table 1, page 9.)

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

<sup>3</sup> Not collected.



TABLE 13. Principal Statistics Compared, 1958 and 1959

Principal statistics	1958	1959	+Increase -Decrease
Establishments ..... No.	1,782	1,830	+ 68
Administrative and office employees:			
Male ..... "	7,053	7,229	+ 176
Female ..... "	2,347	2,447	+ 100
Salaries ..... \$	40,237,629	43,648,577	+ 3,410,948
Production workers:			
Male ..... No.	24,670	25,824	+ 1,154
Female ..... "	3,790	4,022	+ 232
Wages ..... \$	99,897,550	108,856,836	+ 8,959,288
Cost of fuel and electricity ..... \$	16,705,681	17,961,440	+ 1,255,759
Cost at plant of materials used ..... \$	495,311,847	524,268,966	+28,957,119
Value added by manufacture <sup>1</sup> ..... \$	339,439,455	348,299,750	+ 6,860,295
Selling value of factory shipments ..... \$	848,251,994	887,316,797	+39,064,803

<sup>1</sup> See footnote 1, Table 1, page 9.

TABLE 14. Principal Statistics of the Leading Industries of Alberta, 1959

No.	Industries	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments
		number		dollars			
1	Slaughtering and meat packing .....	19	4,210	18,247,123	148,928,683	38,734,310	189,627,718
2	Petroleum products .....	23	2,163	12,073,703	84,534,378	38,229,869 <sup>2</sup>	124,453,969 <sup>4</sup>
3	Butter and cheese .....	95	2,091	6,790,397	35,412,808	10,693,685	46,983,876
4	Flour mills .....	9	658	2,365,940	22,410,239	10,673,425	33,224,100
5	Sash, door and planing mills .....	102	1,769	5,475,318	13,275,733	9,553,582	23,356,702
6	Concrete products .....	47	1,003	4,209,991	12,156,303	10,226,466	22,526,642
7	Bread and other bakery products .....	145	2,019	8,596,918	8,840,319	11,671,017	21,047,777
8	Printing and publishing .....	76	1,547	5,789,340	4,377,781	13,565,268	18,073,845
9	Primary plastics .....	4	502	2,539,266	7,868,774	10,417,997	17,842,113
10	Sawmills .....	396	1,975	4,089,501	9,049,735	7,820,173	17,325,351 <sup>3</sup>
11	Breweries .....	6	556	2,460,435	4,246,089	12,552,501	17,030,467
12	Bridge and structural steel .....	5	1,226	5,330,930	9,840,364	7,082,991	17,011,544 <sup>2</sup>
13	Acids, alkalies and salts .....	4	482	2,347,153	3,793,392	10,902,670	16,089,269
14	Castings, iron .....	10	583	2,353,587	8,051,801	6,123,338	13,740,801
15	Cement, hydraulic .....	3	432	2,185,142	1,437,533	9,458,780	12,129,780
16	Feeds, stock and poultry, prepared ..	59	292	1,075,468	8,314,858	3,057,223	11,565,596
17	Sheet metal products .....	27	620	2,505,774	6,481,661	4,828,535	11,214,337
18	Furniture .....	93	913	2,881,933	4,880,591	4,775,084	9,887,309
19	Clothing, men's, factory .....	9	893	2,248,310	5,040,661	4,365,176	9,534,145
20	Machine shops .....	66	849	3,653,289	3,403,115	5,637,107	9,196,449
21	Miscellaneous food preparations .....	12	313	946,846	5,162,179	3,811,276	9,102,801
22	Printing and bookbinding .....	82	941	3,904,357	2,757,953	5,673,195	8,459,788
23	Aircraft and parts .....	6	1,277	5,474,367	1,248,286	6,796,976	8,102,841 <sup>3</sup>
24	All other leading industries <sup>4</sup> .....	11	3,635	16,022,214	44,222,014	31,857,158	83,137,002
25	<b>Totals, leading industries .....</b>	<b>1,309</b>	<b>30,949</b>	<b>121,567,280</b>	<b>455,715,050</b>	<b>278,507,802</b>	<b>750,264,022</b>
26	<b>Totals, all industries .....</b>	<b>1,830</b>	<b>39,522</b>	<b>152,505,413</b>	<b>524,268,966</b>	<b>346,299,750</b>	<b>887,316,797</b>

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Reported on a production basis.<sup>3</sup> Includes Fertilizers, Pulp and paper, Railway rolling stock, Non-ferrous metal smelting and refining and Sugar refining.<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.

TABLE 15. Principal Statistics by Industrial Groups, 1958 and 1959

No.	Industrial groups	Establish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	1958				
1	Foods and beverages .....	453	1,778	776	9,764,131
2	Tobacco and tobacco products .....	—	—	—	—
3	Rubber products .....	1	1	1	1
4	Leather products .....	11	11	3	47,508
5	Textiles .....	15	82	27	543,610
6	Knitting mills .....	5	6	3	31,475
7	Clothing .....	24	56	44	511,234
8	Wood products .....	554	906	158	3,048,252
9	Paper products .....	17	279	72	1,765,457
10	Printing, publishing and allied industries .....	257	699	422	4,149,721
11	Iron and steel products .....	173	933	218	5,312,079
12	Transportation equipment .....	27	328	151	2,112,949
13	Non-ferrous metal products .....	13	238	40	1,474,286
14	Electrical apparatus and supplies .....	9	41	8	216,170
15	Non-metallic mineral products .....	77	402	88	2,335,213
16	Products of petroleum and coal .....	27	615	159	4,596,290
17	Chemicals and allied products .....	37	566	145	3,633,224
18	Miscellaneous industries <sup>1</sup> .....	63	113	33	696,030
19	<b>Totals, 1958</b> .....	<b>1,762</b>	<b>7,053</b>	<b>2,347</b>	<b>40,237,629</b>
	1959				
20	Foods and beverages .....	450	1,711	769	10,507,401
21	Tobacco and tobacco products .....	—	—	—	—
22	Rubber products .....	1	1	1	1
23	Leather products .....	11	16	3	62,798
24	Textiles .....	15	119	18	646,391
25	Knitting mills .....	3	4	1	18,259
26	Clothing .....	23	58	52	534,443
27	Wood products .....	611	964	156	3,447,002
28	Paper products .....	18	287	77	1,943,851
29	Printing, publishing and allied industries .....	256	741	478	4,583,220
30	Iron and steel products .....	174	963	230	5,801,066
31	Transportation equipment .....	29	323	183	2,352,174
32	Non-ferrous metal products .....	13	221	36	1,474,932
33	Electrical apparatus and supplies .....	10	42	10	207,354
34	Non-metallic mineral products .....	83	445	100	2,743,671
35	Products of petroleum and coal .....	29	610	143	4,788,774
36	Chemicals and allied products .....	40	610	151	3,771,750
37	Miscellaneous industries <sup>1</sup> .....	65	115	40	765,491
38	<b>Totals, 1959</b> .....	<b>1,830</b>	<b>7,229</b>	<b>2,447</b>	<b>43,648,577</b>

<sup>1</sup> See footnote 1, Table 1, p. 9.<sup>2</sup> Confidential. Included in "Miscellaneous Industries".

TABLE 15. Principal Statistics by Industrial Groups, 1958 and 1959

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.	dollars					
7,549	1,753	31,484,462	11,856	41,248,593	3,280,345	248,587,415	95,618,101	344,493,764	1
—	—	—	—	—	—	—	—	—	2
2	2	2	2	2	2	2	2	2	3
40	14	132,854	68	180,362	10,529	340,710	255,256	610,116	4
157	155	1,142,439	421	1,686,049	77,586	4,701,577	3,889,555	8,728,610	5
3	29	61,588	41	93,063	2,080	107,879	115,165	237,640	6
128	806	2,076,212	1,034	2,587,446	36,563	5,779,046	4,762,962	10,780,849	7
3,571	231	9,940,689	4,866	12,988,941	1,007,952	29,644,217	24,406,380	54,895,286	8
754	90	3,745,713	1,195	5,511,170	1,413,919	16,064,590	12,272,714	28,966,850	9
1,268	288	5,466,220	2,677	9,615,941	194,548	8,150,305	18,893,067	27,231,808	10
3,054	67	11,553,143	4,272	16,865,222	896,625	33,987,205	28,918,988	63,942,533	11
2,708	39	10,170,208	3,226	12,283,157	221,166	11,880,042	14,015,887	26,157,640	12
484	2	2,196,084	764	3,670,370	537,486	12,345,570	9,610,182	22,448,265	13
110	13	427,346	172	643,516	62,067	2,514,693	1,772,868	4,584,959	14
1,946	248	8,124,363	2,684	10,459,576	1,866,086	18,454,809	28,020,986	48,439,415	15
1,472	5	7,079,745	2,251	11,676,035	4,287,581	82,540,811	64,610,488	151,438,143	16
1,098	27	5,104,457	1,836	8,737,681	2,725,924	17,955,587	28,410,559	49,114,078	17
328	23	1,192,027	497	1,888,057	105,224	2,257,391	3,866,297	6,182,038	18
24,670	3,790	99,897,550	37,860	140,135,179	16,705,681	495,311,847	339,439,455	848,251,994	19
7,812	1,856	34,238,938	12,148	44,746,339	3,540,100	257,524,716	105,983,947	370,594,534	20
—	—	—	—	—	—	—	—	—	21
2	2	2	2	2	2	2	2	2	22
43	21	163,732	83	226,530	11,036	502,809	456,705	960,910	23
121	171	974,295	429	1,620,686	63,706	4,298,241	3,285,093	7,522,206	24
1	22	39,242	28	57,501	1,790	79,037	88,670	167,754	25
129	880	2,230,742	1,119	2,765,185	33,780	5,951,997	5,291,948	11,250,077	26
4,001	250	11,338,645	5,371	14,785,647	1,066,026	32,130,946	27,042,228	60,416,887	27
788	96	3,953,186	1,248	5,897,037	1,436,162	18,219,146	15,841,616	35,213,877	28
1,248	290	5,891,625	2,757	10,474,845	207,245	8,291,402	20,919,107	29,377,911	29
3,354	52	13,663,564	4,599	19,484,630	1,054,460	39,130,517	34,606,261	73,753,858	30
2,652	36	10,489,912	3,194	12,842,086	204,706	13,671,719	14,529,871	28,132,324	31
440	2	2,021,772	699	3,496,704	522,095	13,456,894	8,449,308	22,479,174	32
138	17	550,407	207	757,761	73,359	3,339,796	2,226,764	5,270,472	33
2,206	267	9,424,296	3,018	12,167,967	2,304,083	19,882,118	31,517,121	52,901,094	34
1,429	10	7,363,700	2,192	12,152,474	4,459,311	85,417,064	38,406,117 <sup>4</sup>	125,564,035 <sup>4</sup>	35
1,123	27	5,167,893	1,911	8,939,643	2,867,218	20,344,989	33,643,974	57,544,841	36
339	25	1,324,887	519	2,090,378	116,363	2,027,575	4,011,020	6,166,843	37
25,824	4,022	108,856,836	39,522	152,505,413	17,961,440	524,268,966	346,299,750	887,316,797	38

<sup>1</sup> Includes Rubber products.<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.



TABLE 16. Principal Statistics of the Individual Industries, 1959

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	<b>1. Foods and beverages:</b>				
	Bakery products:				
1	Bread and other bakery products .....	145	237	81	1, 141, 092
	Beverages:				
2	Breweries .....	6	93	20	647, 404
3	Carbonated beverages .....	24	86	31	484, 745
	Canning and processing:				
4	Fruit and vegetable preparations .....	6	20	9	154, 221
	Dairy products:				
5	Butter and cheese .....	95	187	234	1, 304, 381
6	Milk pasteurizing .....	24	49	31	279, 370
7	Cheese, process .....	1	24	17	142, 833
8	Concentrated milk products .....	2			
9	Dairy products, other .....	1			
	Grain mill products:				
10	Feeds, stock and poultry, prepared .....	59	66	13	350, 884
11	Feed mills .....	31	30	1	95, 525
12	Flour mills .....	9	125	58	754, 638
	Meat products:				
13	Slaughtering and meat packing .....	19	664	231	4, 318, 068
	Other food industries:				
14	Confectionery .....	4	5	1	22, 006
15	Animal oils and fats .....	1	81	28	539, 564
16	Biscuits .....	2			
17	Distilled liquors .....	1			
18	Foods, breakfast .....	2			
19	Macaroni and kindred products .....	1			
20	Sausage and sausage casings .....	2			
21	Sugar refining .....	3	44	14	272, 670
22	Miscellaneous food preparations .....	12			
23	<b>Totals</b> .....	<b>450</b>	<b>1, 711</b>	<b>769</b>	<b>10, 507, 401</b>
24	<b>2. Tobacco and tobacco products</b> .....	—	—	—	—
25	<b>3. Rubber products</b> .....	2	2	2	2
	<b>4. Leather products:</b>				
26	Leather tanning .....	3	5	1	27, 003
	Other leather industries:				
27	Footwear, leather .....	1	11	2	35, 795
28	Gloves and mittens, leather .....	1			
29	Miscellaneous leather goods, n.e.s. ....	6			
30	<b>Totals</b> .....	<b>11</b>	<b>16</b>	<b>3</b>	<b>62, 798</b>
	<b>5. Textiles:</b>				
31	Awnings, tents and sails .....	8	13	3	76, 200
32	Embroidery, pleating, hemstitching, etc. ....	3	4	—	12, 286
33	Bags, cotton and jute .....	2	102	15	557, 905
34	Synthetic textiles and silk .....	1			
35	Miscellaneous textiles, n.e.s. ....	1			
36	<b>Totals</b> .....	<b>15</b>	<b>119</b>	<b>18</b>	<b>646, 391</b>
	<b>6a. Knitting mills:</b>				
37	Knitted goods, other than hosiery .....	3	4	1	18, 259
38	<b>Totals</b> .....	<b>3</b>	<b>4</b>	<b>1</b>	<b>18, 259</b>
	<b>6b. Clothing:</b>				
	Men's, women's and children's clothing:				
39	Clothing, men's, factory .....	9	30	36	373, 107
40	Clothing, women's, factory .....	7	19	13	120, 501
	Miscellaneous clothing:				
41	Fur goods .....	5	9	3	40, 835
42	Fur dressing and dyeing .....	1			
43	Hats and caps .....	1			
44	<b>Totals</b> .....	<b>23</b>	<b>58</b>	<b>52</b>	<b>534, 443</b>

<sup>1</sup> See footnote 1, Table 1, page 9.

TABLE 16. Principal Statistics of the Individual Industries, 1959

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.						
1,151	550	5,455,826	2,019	6,596,918	541,611	8,840,319	11,671,017	21,047,777	1
443	—	1,813,031	556	2,460,435	199,842	4,246,089	12,552,501	17,030,467	2
200	43	731,034	360	1,215,779	223,817	2,347,174	4,774,803	7,321,959	3
183	134	678,992	346	833,213	96,719	3,524,170	1,965,586	5,503,777	4
1,541	129	5,486,016	2,091	6,790,397	668,267	35,412,808	10,693,685	46,983,876	5
304	1	990,958	385	1,270,328	104,504	3,540,791	1,659,415	5,303,899	6
50	14	224,032	105	366,865	44,783	3,032,319	1,260,870	4,421,443	7
208	5	724,582	292	1,075,466	161,439	8,314,858	3,057,223	11,565,596	8
26	—	65,244	57	160,769	31,172	674,032	297,663	1,000,608	9
445	30	1,611,302	658	2,365,940	242,240	22,410,239	10,673,425	33,224,100	10
2,647	668	13,929,055	4,210	18,247,123	611,557	148,928,683	38,734,310	189,627,718	11
4	10	30,696	20	52,702	1,370	90,416	88,959	182,737	12
484	143	1,823,994	736	2,363,558	466,670	11,000,639	4,743,214	18,277,976	13
126	129	674,176	313	946,846	146,109	5,162,179	3,811,276	9,102,601	14
7,812	1,856	34,238,938	12,148	44,746,339	3,540,100	257,524,716	105,983,947	370,594,534	15
—	—	—	—	—	—	—	—	—	16
2	2	2	2	2	2	2	2	2	17
23	7	81,057	36	108,060	7,656	381,358	233,639	634,197	18
20	14	82,675	47	118,470	3,380	121,451	223,066	326,713	19
43	21	163,732	83	226,530	11,036	502,809	456,705	960,910	20
19	28	121,968	63	198,168	5,077	277,167	431,384	717,527	21
—	9	13,501	13	25,787	320	8,040	33,604	41,247	22
102	134	838,826	353	1,396,731	58,309	4,013,034	2,820,105	6,763,432	23
121	171	974,295	429	1,620,686	63,706	4,298,241	3,285,093	7,522,206	24
1	22	39,242	28	57,501	1,790	79,037	88,670	167,754	25
1	22	39,242	28	57,501	1,790	79,037	88,670	167,754	26
100	727	1,875,203	893	2,248,310	23,059	5,040,661	4,365,176	9,534,145	27
19	135	286,177	186	406,678	7,692	739,382	778,110	1,397,801	28
10	18	69,362	40	110,197	3,029	171,954	148,662	318,131	29
129	880	2,230,742	1,119	2,765,185	33,780	5,951,997	5,291,948	11,250,077	30

<sup>1</sup> Confidential. Included in "Miscellaneous industries".

TABLE 16. Principal Statistics of the Individual Industries, 1959 - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees		
			Male	Female	Salaries
			number		\$
	<b>7. Wood products:</b>				
1	Furniture .....	93	152	37	756,568
	Saw and planing mills:				
2	Sash, door and planing mills .....	102	278	88	1,552,740
3	Sawmills .....	396	473	16	774,127
4	Veneer and plywood .....	3	30	6	167,089
	Other wood industries:				
5	Morticians' goods .....	6	7	1	35,718
6	Boxes and baskets, wood .....	2	24	8	160,760
7	Excelsior .....	1			
8	Miscellaneous wood products, n.e.s. ....	8			
9	<b>Totals</b> .....	<b>611</b>	<b>964</b>	<b>156</b>	<b>3,447,002</b>
	<b>8. Paper products:</b>				
10	Boxes and bags, paper .....	6	54	31	413,801
11	Roofing paper .....	3	38	11	253,820
12	Pulp and paper .....	3	195	35	1,276,230
13	Miscellaneous paper goods .....	6			
14	<b>Totals</b> .....	<b>18</b>	<b>287</b>	<b>77</b>	<b>1,943,851</b>
	<b>9. Printing, publishing and allied industries:</b>				
	Commercial printing:				
15	Printing and bookbinding .....	82	181	75	1,257,994
16	Trade composition .....	2			
	Engraving, stereotyping and allied industries:				
17	Engraving, stereotyping and electrotyping .....	8	8	7	91,785
18	Lithographing .....	4	6	1	37,224
	Printing and publishing:				
19	Printing and publishing .....	76	471	299	2,803,537
20	Publishing (only) of periodicals .....	84	75	96	392,680
21	<b>Totals</b> .....	<b>256</b>	<b>741</b>	<b>478</b>	<b>4,583,220</b>
	<b>10. Iron and steel products:</b>				
22	Agricultural implements .....	7	22	6	106,757
23	Boilers, tanks and platework .....	11	101	24	634,737
24	Bridge and structural steel .....	5	246	69	1,537,032
25	Castings, iron .....	10	127	22	729,591
26	Hardware, tools and cutlery .....	3	6	1	26,612
27	Heating and cooking apparatus .....	11	23	6	125,487
28	Machinery, industrial .....	6	15	9	108,054
29	Machine shops .....	66	182	40	1,024,725
30	Sheet metal products .....	27	137	36	826,808
31	Miscellaneous iron and steel products .....	18	29	6	146,206
32	Primary iron and steel .....	3	75	11	535,057
33	Wire and wire goods .....	7			
34	<b>Totals</b> .....	<b>174</b>	<b>963</b>	<b>230</b>	<b>5,801,066</b>
	<b>11. Transportation equipment:</b>				
35	Aircraft and parts .....	6	169	120	1,294,163
36	Motor vehicle parts .....	18	43	21	264,556
37	Boat building .....	1	111	42	793,455
38	Railway rolling stock .....	2			
39	Miscellaneous transportation equipment .....	2			
40	<b>Totals</b> .....	<b>29</b>	<b>323</b>	<b>183</b>	<b>2,352,174</b>
	<b>12. Non-ferrous metal products:</b>				
41	Aluminum products .....	4	6	—	20,009
42	Brass and copper products .....	5	22	9	125,052
43	Jewellery and silverware .....	2	193	27	1,329,871
44	Non-ferrous metal smelting and refining .....	1			
45	White metal alloys .....	1			
46	<b>Totals</b> .....	<b>13</b>	<b>221</b>	<b>36</b>	<b>1,474,932</b>

<sup>1</sup> See footnote 1, Table 1, p. 9.



TABLE 16. Principal Statistics of the Individual Industries, 1959 - Continued

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.	dollars					
613	111	2,125,365	913	2,881,933	84,334	4,860,591	4,775,084	9,687,309	1
1,372	31	3,922,578	1,769	5,475,318	319,457	13,275,733	9,553,582	23,356,702	2
1,461	25	3,315,374	1,975	4,089,501	455,443	9,049,735	7,820,173	17,325,351 <sup>2</sup>	3
250	68	950,511	354	1,117,600	131,520	1,877,785	2,148,623	4,147,806	4
19	9	66,859	36	102,577	2,055	273,850	198,918	472,717	5
286	6	957,958	324	1,118,718	73,217	2,793,252	2,545,848	5,427,002	6
4,001	250	11,338,645	5,371	14,785,647	1,066,026	32,130,946	27,042,228	60,416,887	7
166	83	917,046	334	1,330,847	44,633	4,421,765	2,709,728	7,132,599	8
120	1	474,002	170	727,822	57,491	3,188,280	1,945,542	5,248,125	9
502	12	2,562,138	744	3,838,368	1,334,038	10,609,101	11,186,346	22,833,153	10
788	96	3,953,186	1,248	5,897,037	1,436,162	18,219,146	15,841,616	35,213,877	11
506	185	2,676,924	947	3,934,918	74,938	2,781,444	5,720,205	8,530,893	12
45	5	178,627	65	270,412	5,839	124,153	446,585	576,127	13
15	5	50,271	27	87,495	2,220	68,685	197,930	268,588	14
682	95	2,985,803	1,547	5,789,340	124,248	4,377,781	13,565,268	18,073,845	15
—	—	—	171	392,680	—	939,339	989,119	1,928,458 <sup>2</sup>	16
1,248	290	5,891,625	2,757	10,474,845	207,245	8,291,402	20,919,107	29,377,911	17
67	1	216,594	96	323,351	32,496	690,116	649,831	1,289,812	18
318	—	1,206,091	443	1,840,828	152,078	4,667,107	3,271,465	7,831,277	19
910	1	3,793,898	1,226	5,330,930	88,189	9,840,364	7,082,991	17,011,544 <sup>2</sup>	20
433	1	1,623,976	583	2,353,567	130,466	8,051,601	6,123,338	13,740,801	21
20	5	94,305	32	120,917	4,155	279,160	222,229	496,746	22
68	—	197,589	97	323,076	15,546	448,879	479,536	963,787	23
83	—	340,729	107	448,783	13,044	715,737	625,457	1,339,060	24
625	2	2,628,564	849	3,653,289	141,914	3,403,115	5,637,107	9,196,449	25
405	42	1,678,966	620	2,505,774	79,233	6,481,661	4,828,535	11,214,337	26
119	—	422,011	154	568,217	34,500	510,771	923,805	1,470,331	27
306	—	1,480,841	392	2,015,898	362,839	4,042,006	4,761,967	9,199,714	28
3,354	52	13,683,564	4,599	19,484,630	1,054,460	39,130,517	34,606,261	73,753,858	29
959	29	4,180,204	1,277	5,474,367	57,579	1,248,286	6,796,976	8,102,841 <sup>2</sup>	30
271	7	980,791	342	1,245,347	44,774	1,938,378	1,246,259	3,122,915	31
1,422	—	5,328,917	1,575	6,122,372	102,353	10,485,055	6,486,636	16,906,568	32
2,652	36	10,489,912	3,194	12,842,086	204,706	13,671,719	14,529,871	28,132,324	33
10	1	31,288	17	51,297	2,966	49,445	84,814	147,888	34
55	—	182,299	86	307,351	12,980	828,026	479,618	1,355,597	35
375	1	1,808,185	596	3,138,056	506,149	12,579,423	7,884,876	20,975,689	36
440	2	2,021,772	699	3,496,704	522,095	13,456,894	8,449,308	22,479,174	37

<sup>2</sup> Reported on a production basis.

TABLE 16. Principal Statistics of the Individual Industries, 1959 - Concluded

No.	Industries	Estab- lish- ments	Administrative and office employees					
			Male	Female	Salaries			
			number		\$			
13. Electrical apparatus and supplies:								
1	Batteries .....	4	19	6	119,305			
2	Machinery, heavy, electrical .....	3	23	4	88,049			
3	Telecommunication equipment .....	1						
4	Miscellaneous electrical apparatus and supplies .....	2						
5	Totals .....	10	42	10	207,354			
14. Non-metallic mineral products:								
6	Cement, hydraulic .....	3	77	18	570,013			
7	Clay products from domestic clay .....	10	59	11	331,360			
8	Concrete products .....	47	167	39	1,062,050			
9	Glass and glass products .....	3	59	15	323,490			
10	Lime .....	5	10	—	56,410			
11	Stone products .....	5	25	7	115,973			
Other non-metallic mineral industries:								
12	Clay products from imported clay .....	2	38	8	236,581			
13	Gypsum products .....	2						
14	Salt .....	2						
15	Miscellaneous non-metallic mineral products .....	4	10	2	47,794			
16	Totals .....	83	445	100	2,743,671			
15. Products of petroleum and coal:								
17	Petroleum products .....	23	606	141	4,770,153			
18	Miscellaneous products of petroleum and coal .....	6	4	2	18,621			
19	Totals .....	29	610	143	4,788,774			
16. Chemicals and allied products:								
20	Acids, alkalies and salts .....	4	156	34	978,856			
21	Primary plastics .....	4	182	51	1,149,893			
22	Soaps, washing compounds and cleaning preparations .....	6	9	1	30,286			
23	Fertilizers .....	2	143	27	935,673			
24	Medicinal and pharmaceutical preparations .....	1						
25	Paints, varnishes and lacquers .....	1						
26	Vegetable oils .....	1	43	18	245,000			
Other chemical industries:								
27	Gases, compressed .....	6						
28	Miscellaneous chemical products, n.e.s. ....	12	77	20	432,042			
29	Adhesives .....	1						
30	Inks .....	2						
31	Totals .....	40	610	151	3,771,750			
17. Miscellaneous industries:								
32	Brooms, brushes and mops .....	3	3	—	6,492			
33	Instruments and related products .....	3	2	1	8,000			
34	Ophthalmic goods .....	3	2	1	9,400			
35	Plastics products .....	9	17	7	91,717			
36	Signs, electric, neon and other .....	33	80	23	552,818			
37	Stamps and stencils, rubber and metal .....	3	5	2	41,345			
38	Candles .....	1	6	6	55,719			
39	Ice, artificial .....	2						
40	Orthopaedic and surgical appliances .....	2						
41	Sporting goods .....	2	115	40	765,491			
42	Statuary, art goods, regalia and novelties .....	1						
43	Miscellaneous industries .....	1						
44	Rubber goods, including footwear .....	2	115	40	765,491			
45	Totals <sup>1</sup> .....	65						
46	Grand totals .....	1,830	7,229	2,447	43,648,577			

<sup>1</sup> See footnote 1, Table 1, page 9.<sup>2</sup> Reported on a production basis.

TABLE 16. Principal Statistics of the Individual Industries, 1959 — Concluded

Production workers			Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	No.
Male	Female	Wages							
number		\$	No.	dollars					
87	13	354,522	125	473,827	59,165	2,421,540	1,241,954	3,506,813	1
51	4	195,885	82	283,934	14,194	918,256	984,810	1,763,659	2
138	17	550,407	207	757,761	73,359	3,339,796	2,226,764	5,270,472	3
									4
									5
337	—	1,615,129	432	2,185,142	1,228,969	1,437,533	9,458,780	12,129,780	6
404	—	1,461,529	474	1,792,889	236,055	150,427	3,506,269	3,572,920	7
795	2	3,147,941	1,003	4,209,991	460,830	12,156,303	10,226,466	22,526,642	8
347	251	2,011,177	672	2,334,667	53,416	3,276,660	4,755,582	7,901,784	9
69	1	252,007	80	308,417	109,094	209,065	546,425	862,092	10
55	4	152,504	91	268,477	20,714	414,478	483,725	918,029	11
159	8	633,629	213	870,210	158,671	1,965,509	1,953,202	4,098,258	12
40	1	150,380	53	198,174	36,334	272,143	586,671	891,589	13
2,206	267	9,424,296	3,018	12,167,967	2,304,083	19,882,118	31,517,121	52,901,094	14
									15
									16
1,406	10	7,303,550	2,163	12,073,703	4,430,546	84,534,378	38,229,869 <sup>4</sup>	124,453,969 <sup>2,4</sup>	17
23	—	60,150	29	78,771	28,765	882,686	176,248	1,110,066	18
1,429	10	7,363,700	2,192	12,152,474	4,459,311	85,417,004	38,406,117	125,564,035	19
281	11	1,368,297	482	2,347,153	989,224	3,793,392	10,902,670	16,089,269	20
266	3	1,389,373	502	2,539,266	561,966	7,868,774	10,417,997	17,642,113	21
15	7	51,700	32	81,986	7,674	563,336	414,464	940,129	22
355	5	1,534,054	530	2,469,727	1,173,564	5,551,575	7,314,138	15,617,196	23
									24
									25
									26
50	—	212,597	111	457,597	51,380	360,996	1,590,420	2,001,201	27
156	1	611,872	254	1,043,914	83,410	2,206,916	3,004,285	5,254,933	28
1,123	27	5,167,893	1,911	8,939,043	2,867,218	20,344,989	33,643,974	57,544,841	29
									30
									31
4	1	7,815	8	14,307	1,364	18,357	25,062	42,116	32
4	—	13,096	7	21,096	585	50,398	63,465	116,573	33
17	2	53,177	22	62,577	1,364	86,516	78,283	163,184	34
46	7	168,401	77	260,118	22,003	739,504	458,884	1,251,399	35
224	15	916,443	342	1,469,261	67,811	932,172	2,889,855	3,876,717	36
10	—	37,906	17	79,251	1,893	49,188	130,505	180,279	37
34	—	128,049	46	183,768	21,343	151,440	364,966	536,575	38
									39
									40
									41
									42
									43
									44
339	25	1,324,887	519	2,090,378	116,363	2,027,575	4,011,020	6,166,843	45
25,824	4,022	108,856,836	39,522	152,505,413	17,901,440	524,268,966	346,299,750	887,316,797	46

<sup>1</sup> Includes Rubber goods, including footwear.

<sup>4</sup> Not exactly comparable with 1958 because of a change in the method of valuation.



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