

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section include capital, employment, salaries and wages and size of establishments.

Subsection 1.—Capital Employed

The collection of statistics on capital invested in manufacturing industries was discontinued in 1944. However, figures for each year from 1917 to 1943 are given in Table 1 of this Chapter, and by provinces for significant years of the same period in Table 2. A table showing the forms of capital employed for certain years from 1924 to 1943 is given at p. 417 of the 1946 Year Book.

Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing those percentages into the corresponding volumes of manufacturing production, tentative conclusions are arrived at regarding the efficiency of production per wage-earner and per employee. These indexes are, of course, affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production per employee. Comparability exists, however, between the figures prior to 1926 and subsequent to 1930. Up to 1939, there was a general gain in volume of production per person employed. At the outbreak of war unemployed skilled workers were first absorbed into industry, with the result that the efficiency of production was slightly improved. As the War progressed, however, manufacturers were forced more and more to employ unskilled workers. The decline in the efficiency of production in 1942, 1943 and 1944 may, therefore, be attributed to this cause as well as to absenteeism for various causes.

15.—Employees in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-44

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Year Book.

Year	Salaried Employees	Wage-Earners	Total Employees	Percentages Relative to 1935-39		Index Number of Volume of Mfd. Products	Indexes of Efficiency of Production	
				Of Wage-Earners	Of Total Employees		Per Wage-Earner	Per Employee
				No.	No.	No.	p.c.	p.c.
1931.....	91,491	437,149	528,640	85.8	84.9	79.9	93.1	94.1
1932.....	87,050	381,783	468,833	74.9	75.3	67.6	90.3	89.8
1933.....	86,636	382,022	468,658	75.0	75.3	67.7	90.3	89.9
1934.....	92,095	427,717	519,812	83.9	83.5	79.6	94.9	95.3
1935.....	97,930	458,734	556,664	90.0	89.5	87.9	97.7	98.2
1936.....	104,417	489,942	594,359	96.1	95.5	96.2	100.1	100.7
1937.....	115,827	544,624	660,451	106.9	106.1	108.9	101.9	102.6
1938.....	120,589	521,427	642,016	102.3	103.2	100.8	98.5	97.7
1939.....	124,772	533,342	658,114	104.7	105.8	106.3	101.5	100.5
1940.....	135,760	626,484	762,244	122.9	122.5	125.2	101.9	102.2
1941.....	158,944	802,234	961,178	157.4	154.5	155.9	99.0	100.9
1942.....	177,187	974,904	1,152,091	191.3	185.1	179.9	94.0	97.2
1943.....	193,195	1,047,873	1,241,068	205.6	199.4	187.7	91.3	94.1
1944.....	192,558	1,030,324	1,222,882	202.2	196.5	180.8	89.4	92.0

Monthly Record of Employment in Manufactures.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then,