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## Growth of Silk Industry in Canada

### Capital Invested in it More Than Doubled in a Year

The silk industry of Canada, an activity the development of which belongs almost entirely to the post-war period, continued its expansion in yet more remarkable manner, says a recent Canadian Pacific Railway bulletin. At the end of 1927 the capital invested in the industry stood at \$22,327,816, which was more than double the amount in 1926, \$10,019,519, due to two new plants. During the year 407 employees were added to make a total of 2,890; and their wages and salaries went up by \$354,971 to a total of \$2,339,971. The cost of materials utilized in the industry stood at \$2,842 per head of population. In five years the increase in total wealth has been nearly \$3,500,000,000.

That agriculture is the most important factor of Canada's wealth is shown by the fact that the largest item in the total is \$7,817,718,000 credited to agriculture or 29.38 per cent. of the whole. Next comes urban real property at \$7,081,375,000 or 26.5 per cent. Steam railways account for \$2,890,000,000 or 16.83 per cent. tangible value of the forests, \$1,866,613,000 or 6.91 per cent.

Ontario ranks first in regard to provincial distribution of wealth with \$9,130,189,000 or 34.2 per cent. of the total; Quebec second with \$6,556,108,000 or 24.9 per cent; and Saskatchewan third with \$2,929,739,000 or 10.9 per cent. While Ontario led in absolute wealth, the western provinces came first in per capita wealth: British Columbia held first rank with \$3,644; Alberta second with \$3,608; Saskatchewan third with \$3,559; Manitoba fourth with \$2,957. These figures may be compared with Ontario's \$6,072,274. The general tendency toward concentration in industrial enterprises is also evident in this industry, there being three plants capitalized at more than \$1,000,000, in three between \$500,000 and \$1,000,000, while two have productions of more than \$1,000,000 and four between \$500,000 and \$1,000,000.

The average capital investment per factory increased from \$31,950 in 1926 to \$159,414 in 1927, owing to the increase of two in the number of plants reporting, while the average production per plant declined from \$708,924 to \$632,637 owing to the fact that these two new plants were not operating during the year. There is every indication that the production of the industry was substantially augmented in 1928 and will continue to increase in 1929 as the new establishments come into full operation.

The silk industry furnishes another example of an industry built up and developing on extraneous raw material through which Canada is endeavoring to achieve an independence of imported manufactures. The success of the industry is accomplishing in going further to meet home consumption as evidenced in its increasing production with increasing figures of imported raw materials and decreasing ones of fabricated products. Between 1926 and 1927 there was an appreciable decline in the import of silk manufacture and in 1928 the figures of silk fabrics imported declined by \$1,972,000. There is still a long way to travel in this direction; however, the value of imported silk fabrics last year reached to more than \$16,000,000.

In spite of steadily augmented production, the export trade in silk products does not expand very rapidly, owing largely to annual increments going to meet a steadily increasing domestic demand. The trade is also subject to rather violent fluctuations in accordance with the state of world markets. In 1926 the value of silk goods exported was \$91,015, and in 1924 became \$655,556 whereas by 1927 it had declined to \$81,165. In the calendar year 1927 there was a substantial increase of from \$93,923 to \$128,376, but during 1928 exports of silk fabrics apparently fell away by some \$4,000,000.

"During 1928 the British market, which had been dull the year before, recovered markedly, whereas Australia, which quadrupled its purchases in 1927 over the previous year, bought an extremely small volume in 1928. Newfoundland was the first customer purchasing to a substantially greater extent than the year before. Canada has many firmly established products and there are many other countries which come spasmodically to the Dominion to furnish their requirements. The market situation augurs well for that time when the industry will be expanded that it can take more extensively advantage of it."

"While the silk industry, subsisting on foreign raw material, is achieving a very satisfactory development, more significance attaches at the present time to the branch manufacturing artificial silk or rayon, which is drawing more extensively upon Dominion basic resources. The Canadian rayon manufacturing industry can only as yet be said to be getting under way and the activity as it exists today is importing unfinished products for manufacture, while the domestic demand is interfering with the development of the export market."

"In 1927 artificial silk yarns were imported to the value of \$1,781,260 and tops and wastes to the value of \$91,324 from the United Kingdom, United States, Belgium, France, Germany, Italy, Netherlands, Switzerland and other countries. The increase in artificial silk tops and yarns imported in 1928 was \$74,000. While the export of artificial silk and manufactures in 1927 stood at \$487,516, as compared with \$38,646 in the previous year, in 1928 it declined by almost half to \$255,000."

"It is an anomalous situation since Canada is the great producer of the raw material, and, according to authorities, half of the cellulose pulp used in the manufacture of viscose rayon is produced in Canada from Canadian spruce. World production of rayon has increased from 50,000,000 pounds in 1920 to almost 35,000,000 pounds. The United States accounts for about 100,000,000 pounds, Great Britain for about 50,000,000 pounds and Italy for about the same amount. Canada's proportion is as yet insignificant."

"The future is, however, fraught with great significance in this connection. Canada has two mills manufacturing artificial silk at the pres-

ent time, another is on good authority to establish shortly, and yet others are projected."

### National Wealth of Canada

Ottawa, Canada.—A survey of the national wealth of Canada for the year 1926 has just been completed by the Canadian Government Bureau of Statistics. This survey placed the aggregate wealth of the country, exclusive of undeveloped natural resources, at \$26,691,482,000, equal to about \$2,842 per head of population. At the end of 1927 the capital invested in the industry stood at \$22,327,816, which was more than double the amount in 1926, \$10,019,519, due to two new plants. During the year 407 employees were added to make a total of 2,890; and their wages and salaries went up by \$354,971 to a total of \$2,339,971. The cost of materials utilized in the industry rose from \$3,472,965 to \$4,016,631, and the gross value of production from \$8,507,153 to \$9,670,917. This is substantially the greatest production the industry has ever recorded; an almost unbroken rise featuring its progress, the railroad adds. Compared with the year 1917, there is an increase for the ten years of more than 300 per cent. in capitalization and more than 300 per cent. in the value of production.

"There are in all fourteen plants engaged in the industry." The battle continues. "Nine of which are located in Quebec and five in Ontario, one having been added in each province in the course of last year. Quebec's expansion adds. Compared with the year 1917, there is an increase for the ten years of more than 300 per cent. in capitalization and more than 300 per cent. in the value of production."

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