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# THE BICYCLE MANUFACTURING INDUSTRY

## 1953

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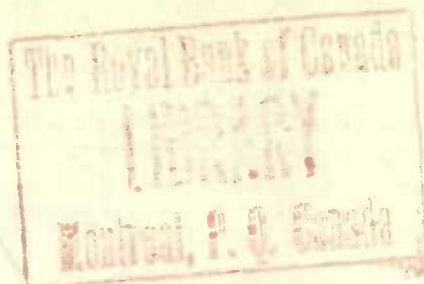
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# NOTICE

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

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

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada, (7 sections, as follows):
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 25¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 25¢
  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part XI, Transportation Equipment. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢
- B—The Aircraft and Parts Industry, 25¢
- C—The Bicycle Manufacturing Industry, 25¢
- D—The Boat Building Industry, 25¢
- E—The Motor Vehicles Industry, 25¢
- F—The Motor Vehicle Parts Industry, 25¢
- G—The Railway Rolling Stock Industry, 25¢
- H—The Shipbuilding Industry, 25¢
- I—The Miscellaneous Transportation Equipment Industry, 25¢

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# THE BICYCLE MANUFACTURING INDUSTRY

1953

Factory shipments by factories in Canada which were engaged principally in the manufacture of bicycles, tricycles and bicycle parts were valued at \$10,944,497 in 1953, an increase of 43.2 per cent over the total for 1952. Products made by firms in this group included bicycles, tricycles and bicycle parts and accessories, and miscellaneous products such as ice skates, childrens' wagons, strollers, etc. Only those firms which made bicycles, tricycles and bicycle parts as their main products have been included in this group; however, Table 2 shows the total production of bicycles regardless of the industry in which produced.

Seven factories were classified to this industry in 1953, 4 being located in Ontario and 3 in Quebec. These works gave employment to 1,323 people who were paid \$3,108,869 in salaries and wages. Fuel and electricity cost \$158,610 and materials and supplies for use in manufacturing processes cost \$3,342,232.

The total production of bicycles in Canada in 1953, from all industries, amounted to 101,460 units worth \$3,559,464 at factory prices. In 1952 the comparative figures were 82,375 bicycles at \$2,837,859 and in 1951, 91,611 bicycles at \$3,158,470.

TABLE 1. Principal Statistics of the Bicycle Manufacturing Industry, 1949-1953

Year	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1949 .....	13	1,235	2,861,655	141,826	4,056,836	8,429,219
1950 .....	9	1,090	2,748,084	141,702	3,968,822	8,286,198
1951 .....	7	1,054	2,916,941	151,170	4,224,024	8,496,915
1952 .....	9	932	2,843,674	126,836	3,255,112	7,645,126
1953 .....	7	1,323	4,108,869	158,610	3,342,232	10,944,497
Per cent change, 1953 from 1952 .....	—	+42.0	+44.5	+25.1	+2.7	+43.2

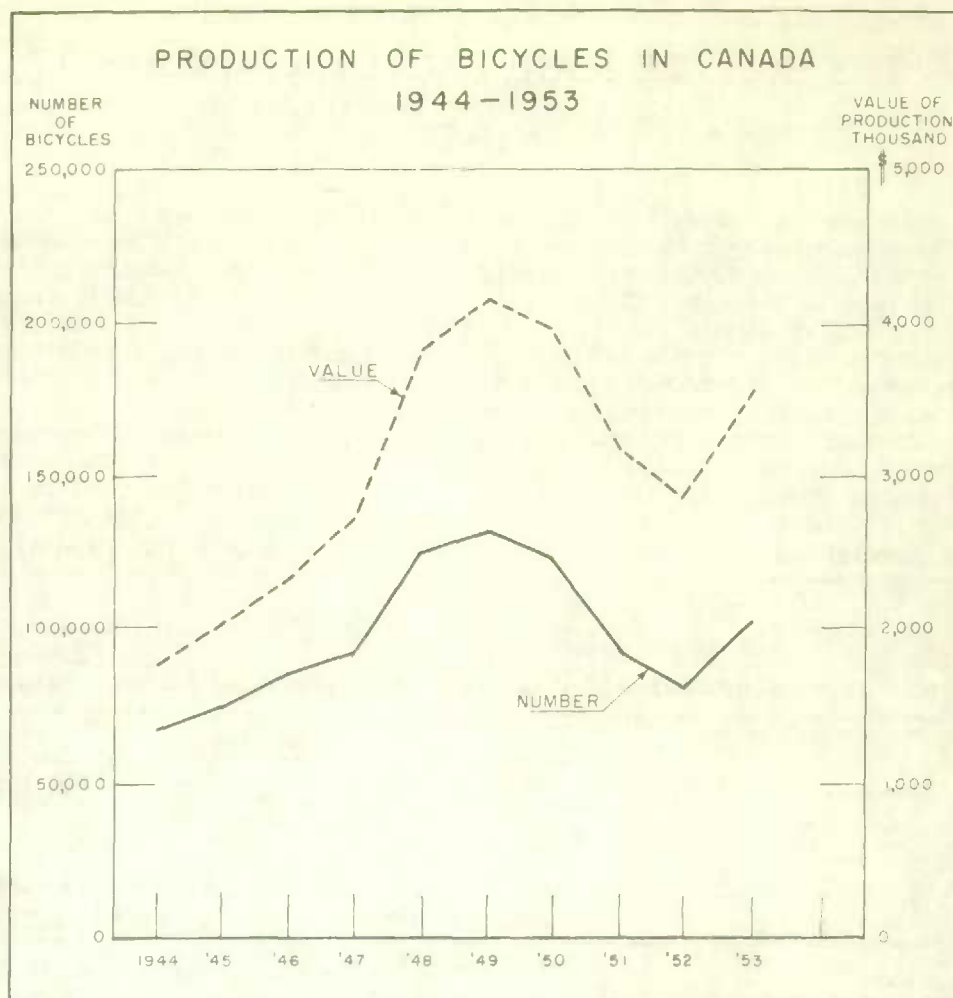
Note. Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Production<sup>1</sup> of Bicycles, 1944-1953

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1944 .....	66,108	1,761,632	1949 .....	130,413	4,141,629
1945 .....	74,337	2,002,850	1950 .....	122,031	3,961,028
1946 .....	85,804	2,310,185	1951 .....	91,611	3,158,470
1947 .....	90,644	2,726,133	1952 .....	82,375	2,837,859
1948 .....	124,747	3,861,437	1953 .....	101,460	3,559,464

1. Includes also the production by concerns which were not included in the Bicycle Manufacturing Industry.



**TABLE 3. Imports and Exports of Bicycles, 1944-1953**

Year	Imports		Exports <sup>1</sup>	
	Number	\$	Number	\$
1944 .....	120	2,278	1,267	55,737
1945 .....	3,316	74,099	186	31,443
1946 .....	21,629	519,415	3,058	179,540
1947 .....	51,912	1,400,172	4,378	1,399,539
1948 .....	51,402	1,481,714	2,311	419,914
1949 .....	29,352	771,856	33	64,991
1950 .....	29,283	605,094	266	12,633
1951 .....	37,034	787,031	52	10,512
1952 .....	30,315	697,857	90	4,825
1953 .....	63,124	1,360,483	181	8,657

1. Value of exports includes parts as well as complete units.

# THE BICYCLE MANUFACTURING INDUSTRY

**TABLE 4. Employees and Their Earnings in the Bicycle Manufacturing Industry, 1949-1953**

Year	Number of employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1949 .....	147	63	903	122	1,235	581,350	2,280,305	2,861,655
1950 .....	129	62	794	105	1,090	604,481	2,143,603	2,748,084
1951 .....	140	64	745	105	1,054	699,234	2,217,707	2,916,941
1952 .....	146	61	639	86	932	736,183	2,107,491	2,843,674
1953 .....	169	86	964	104	1,323	778,044	3,330,825	4,108,869

**TABLE 5. Capital and Repair Expenditures in the Bicycle Manufacturing Industry, 1949-1953**

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
				\$'000			
1949 .....	337	162	499	16	125	141	640
1950 .....	111	239	350	20	152	172	522
1951 .....	92	304	396	24	136	160	556
1952 .....	37	191	228	20	169	189	417
1953 <sup>1</sup> .....	—	178	178	42	164	206	384

1. Preliminary.

**TABLE 6. Fuel and Electricity Used<sup>1</sup> in the Bicycle Manufacturing Industry, 1948 and 1953**

Kind	Unit of measure	1948		1953	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal — Canadian .....	ton	34	513	145	1,500
Imported .....	ton	2,997	30,809	4,142	45,051
Anthracite coal .....	ton	12	248	—	—
Coke .....	ton	56	1,232	—	—
Gasoline .....	Imp. gal.	502	199	9,553	3,634
Kerosene or coal oil .....	Imp. gal.	11,137	2,002	—	—
Fuel oil .....	Imp. gal.	97,621	16,596	95,171	13,984
Wood .....	cord	5	110	—	—
Gas — Liquefied petroleum gases (propane, etc.) .....	Imp. gal.	2	2	52,338	6,184
Manufactured .....	M cu. ft.	18,161	18,521	7,600	10,782
Natural .....	M cu. ft.	100	36	—	—
Other fuel .....	—	—	9,834	—	—
Electricity purchased .....	k.w.h.	2,707,398	23,503	6,616,964	77,475
<b>Total</b> .....	—	—	<b>103,603</b>	—	<b>158,610</b>

1. Details shown in Tables 6 and 7 are collected only every five years; accordingly, data for intervening years are not available.

2. Not available separately.

TABLE 7. Power Equipment<sup>1</sup>, 1948 and 1953

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<b>1948</b>				
Steam engines .....	4	94	—	—
Gasoline, gas and oil engines, other than Diesel engines .....	2	160	—	—
Electric motors run by purchased power .....	814	2,539	—	—
<b>Total .....</b>	<b>820</b>	<b>2,793</b>	—	—
Boilers for power purposes only .....	3	640	1	240
Motor-generator sets .....	—	—	—	—
<b>1953</b>				
Gasoline, gas and oil engines, other than Diesel engines .....	—	—	2	6
Hydraulic turbines or water-wheels .....	—	—	2	114
Electric motors run by purchased power .....	1,853	3,152	40	212
<b>Total .....</b>	<b>1,853</b>	<b>3,152</b>	<b>44</b>	<b>332</b>
Boilers for power purposes only .....	—	—	—	—
Motor-generator sets .....	6	39 k. v. a.	—	—

1. See footnote to Table 6.

List<sup>1</sup> of Firms in the Bicycle Manufacturing Industry, 1953

Name	Address
<b>Quebec:</b>	
Dynamax Limited .....	7389—17th Ave., Ville St. Michel
Royal Industry Reg'd. ....	3425 Doré St., Montreal
Victoria Precision Works Co. Ltd. ....	2901 Rouen St., Montreal
<b>Ontario:</b>	
Canada Cycle and Motor Company Limited .....	Weston
Standard Cycle Products Limited .....	600 Victoria Park Ave., Toronto
Sunshine Waterloo Co. Limited .....	Sunshine Ave., Waterloo
Werlich Manufacturing Co. Ltd. ....	Bishop St., Preston

1. Includes only those firms which made bicycles, tricycles or bicycle parts as their main products. Bicycles were made also as a minor product by concerns in other industries.