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THE BICYCLE MANUFACTURING INDUSTRY 1956



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THE BICYCLE MANUFACTURING INDUSTRY

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, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - 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 — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XIII, 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¢

THE BICYCLE MANUFACTURING INDUSTRY

1956

Factory shipments by factories in Canada which were engaged principally in the manufacture of bicycles, tricycles and bicycle parts were valued at \$6,424,483 in 1956, an increase of 0.9 per cent over the total for 1955. Products made by firms in this group included bicycles, tricycles and bicycle parts 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 3 shows the total production of bicycles regardless of the industry in which produced.

Five factories were classified to this group in 1955, 2 being located in Quebec and 3 in Ontario. These works gave employment to 627 people who were paid \$2,192,024 in salaries and wages. Fuel and electricity cost \$102,334 and materials and supplies for use in manufacturing processes cost \$2,064,977.

Factory shipments of bicycles from all industries, in 1956 amounted to 100,884 units worth \$3,112,846 at factory prices. In 1955 the comparative figures were 96,371 bicycles at \$2,931,039 and in 1954 71,530 bicycles at \$2,365,689.

Note: Figures for value added by manufacture, shown in Table 1, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952, the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953 value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and subsequent years, information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures.

TABLE 1. Principal Statistics of the Bicycle Manufacturing Industry by Significant Years, 1929-1956

Year	Establishments	Employees	Salaries and Wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1929	3	590	737,410	35,577	1,132,219	1,302,587	2,470,383
1933	3	236	247,054	23,307	276,816	412,501	712,624
1937	4	429	484,889	39,495	988,546	854,627	1,882,668
1939	5	494	584,887	41,963	1,059,104	953,592	2,054,659
1942	8	748	1,504,288	74,834	1,458,129	1,860,735	3,393,698
1946	7	707	1,217,162	74,132	1,725,538	1,886,704	3,686,374
1949	13	1,235	2,861,655	141,826	4,056,836	4,230,557	8,429,219
1952	9	932	2,843,674	126,836	3,255,112	4,263,178	7,645,126
1953	7	1,323	4,108,869	158,610	3,342,232	7,443,655	10,944,497
1954	6	1,053	3,418,139	136,287	2,117,083	6,429,952	8,718,202
1955	6	640	2,141,014	107,543	1,529,113	4,146,004	5,875,752
1956	5	627	2,192,024	102,334	2,064,977	4,190,887	6,424,483

1. See footnote to Text.

TABLE 2. Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening	518,928	617,720	457,242	1,593,890
Closing	547,968	573,268	435,409	1,556,645

1. Book value of all manufacturing inventories owned and held at plant and plant warehouses.

Note: Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Bicycle Manufacturing Industry for the year under review are shown in the above table.

TABLE 3. Production¹ of Bicycles, 1947-1956

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$		\$	\$
1947	90,644	2,726,133	1952	82,375	2,837,859
1948	124,747	3,861,437	1953	101,460	3,559,464
1949	130,413	4,141,629	1954	71,530	2,365,689
1950	122,031	3,961,028	1955	96,371	2,931,039
1951	91,611	3,158,470	1956	100,884	3,112,846

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

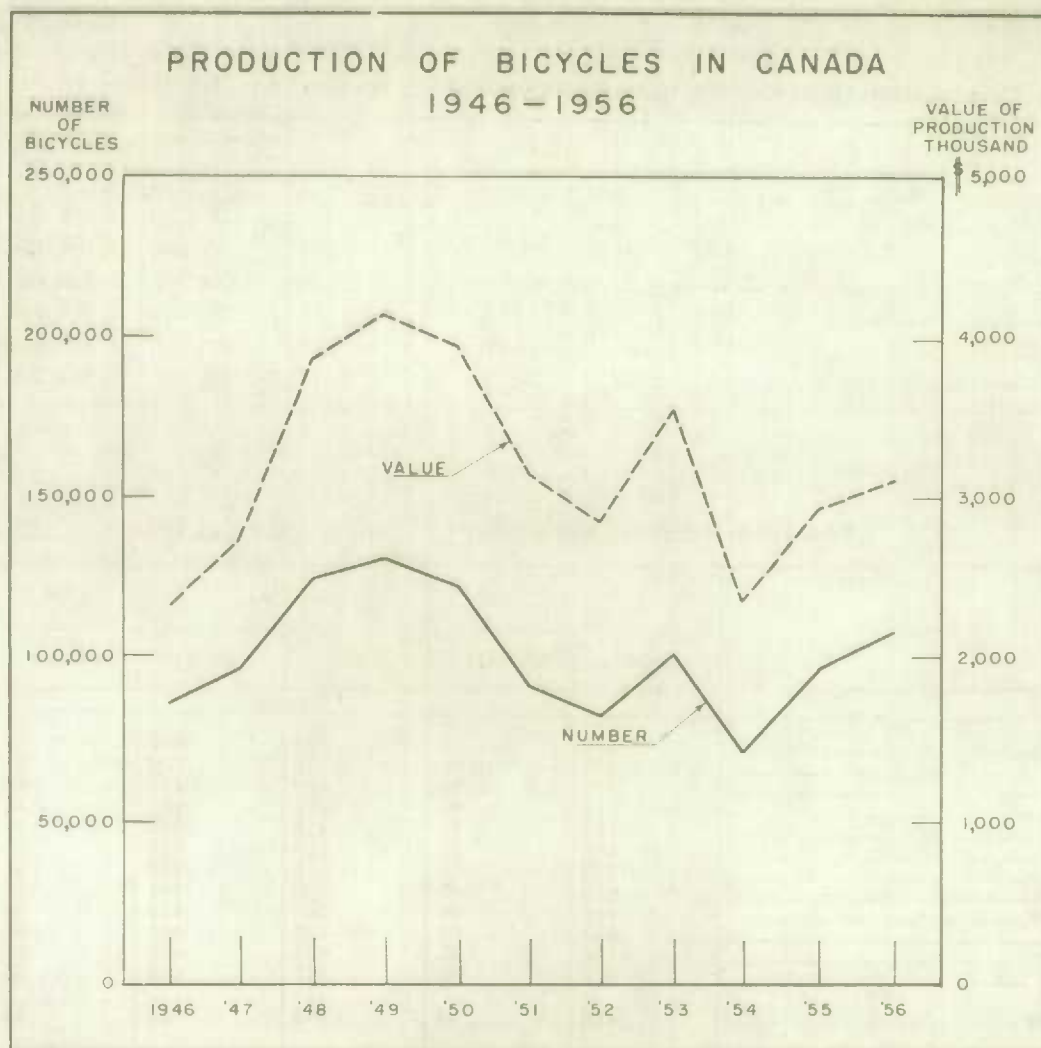


TABLE 4. Capital and Repair Expenditures in the Bicycle Manufacturing Industry, 1952-1956

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						
1952.....	2	2	228	2	2	189	417
1953.....	2	2	222	2	2	264	486
1954.....	2	2	126	2	2	196	322
1955.....	2	2	331	2	2	235	566
1956 ¹	2	2	364	2	2	217	581

1. Preliminary.

2. Not available separately — see sub-total.

TABLE 5. Employees and Their Earnings in the Bicycle Manufacturing Industry, 1952-1956

Year	Number of employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
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
1954	161	81	733	78	1, 053	890, 400	2, 527, 739	3, 418, 139
1955	113	49	418	60	640	672, 737	1, 468, 277	2, 141, 014
1956	92	52	427	56	627	598, 321	1, 593, 703	2, 192, 024

TABLE 6. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	Number					
January	343	46	389	407	50	457
February	346	48	394	409	51	460
March	373	55	428	375	49	424
April	412	61	473	406	48	454
May	457	58	515	423	54	477
June	461	63	524	417	55	472
July	452	64	516	418	57	475
August	453	67	520	444	57	501
September	441	64	505	454	60	514
October	435	64	499	453	62	515
November	434	67	501	465	58	523
December	412	63	475	458	60	518
Average	418	60	478	427	56	483

TABLE 7. Imports and Exports of Bicycles, 1947-1956

Year	Imports		Exports ¹	
	Number	\$	Number	\$
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
1954	91,382	1,794,836	32	13,290
1955	94,256	1,862,460	52	3,600
1956	124,167	2,498,991	18	1,888

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

TABLE 8. Fuel and Electricity Used¹ in the Bicycle Manufacturing Industry, 1956

Kind	Unit of measure	1956	
		Quantity	Cost at works \$
Bituminous coal - Canadian	ton	160	2,400
Imported	ton	3,479	40,559
Fuel oil	Imp. gal.	50,958	8,005
Gas - Liquefied petroleum gases (propane, etc.)	Imp. gal.	34,506	4,928
Natural	M cu. ft.	6,000	5,873
Other fuel	—	—	500
Electricity purchased	k.w.h.	2,566,550	40,069
Total	—	—	102,334

1. Data on the fuel and electricity used during the year were last collected in 1953; however, starting in 1956 this information is again being collected annually as part of the regular Census of Industry.

List¹ of Firms in the Bicycle Manufacturing Industry, 1956

Name	Address
Quebec:	
Royal Industry Reg'd.	3425 Doré St., Montreal
Victoria Precision Works Co. Ltd.	2901 Rouen St., Montreal
Ontario:	
Canada Cycle and Motor Company Limited	Weston
Standard Cycle Products Limited	600 Victoria Park Ave., Toronto
Werlich Industries 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.

TABLE 7. Income and Expenditures of Hospitals, 1947-1958

Year	Income		Expenditures
	\$	Number	
1947	51,010	1,000,172	4,578
1948	51,402	1,021,734	2,023
1949	50,031	1,012,820	30
1950	50,283	997,100	200
1951	50,204	1,017,402	30
1952	50,512	1,012,002	30
1953	52,134	1,045,452	1,011
1954	51,023	1,047,100	100
1955	51,023	1,045,000	30
1956	50,100	1,040,000	30
1957	50,100	1,040,000	30
1958	50,100	1,040,000	30

NOTE: All figures are in thousands of dollars.

TABLE 8. Income and Expenditures of Hospitals, 1947-1958

Year	Income		Expenditures
	\$	Number	
1947	51,010	1,000,172	4,578
1948	51,402	1,021,734	2,023
1949	50,031	1,012,820	30
1950	50,283	997,100	200
1951	50,204	1,017,402	30
1952	50,512	1,012,002	30
1953	52,134	1,045,452	1,011
1954	51,023	1,047,100	100
1955	51,023	1,045,000	30
1956	50,100	1,040,000	30
1957	50,100	1,040,000	30
1958	50,100	1,040,000	30

NOTE: All figures are in thousands of dollars.

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