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THE BICYCLE MANUFACTURING INDUSTRY

1957

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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, 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¢

(October 31, 1958)

THE BICYCLE MANUFACTURING INDUSTRY

1957

Factory shipments by factories in Canada which were engaged principally in the manufacture of bicycles, tricycles and bicycle parts were valued at \$6,635,621 in 1957, an increase of 3.3 per cent over the total for 1956. 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 in-

cluded 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 1957, 2 being located in Quebec and 3 in Ontario. These works gave employment to 659 people who were paid \$2,347,661 in salaries and wages. Fuel and electricity cost \$99,619 and materials and supplies for use in manufacturing processes cost \$2,162,497.

TABLE 1. Principal Statistics of the Bicycle Manufacturing Industry by Significant Years, 1929-1957

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
	number		\$	\$	\$	\$	\$
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
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
1957	5	659	2,347,661	99,619	2,162,497	4,633,585	6,635,621

¹ Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouses.

TABLE 2. Inventories¹, 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening	547,968	573,268	435,409	1,556,645
Closing	648,109	693,917	574,840	1,916,866

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, 1948-1957

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
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
1952	82,375	2,837,859	1957	96,355	2,888,020

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

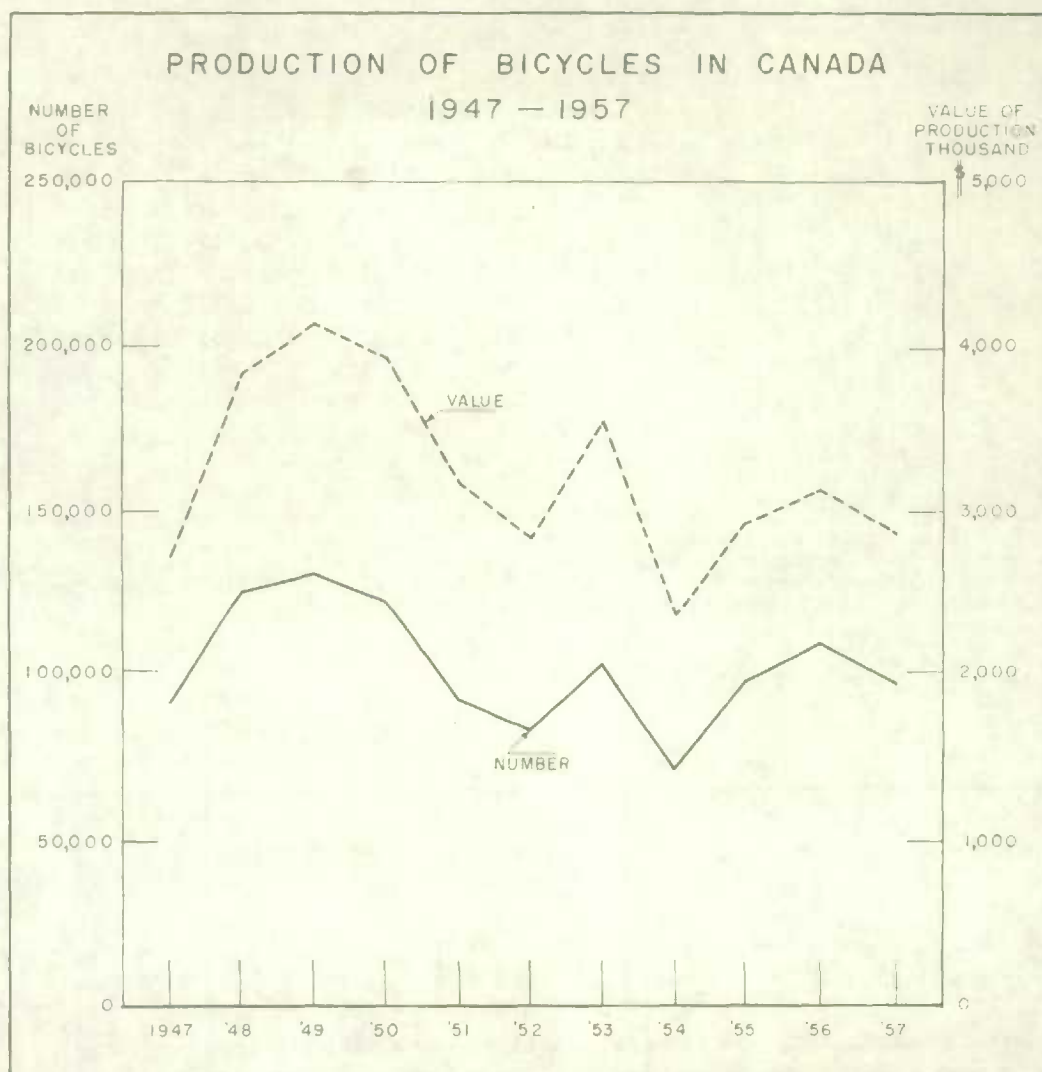


TABLE 4. Capital and Repair Expenditures in the Bicycle Manufacturing Industry, 1953-1957

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						
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	2	2	289	2	2	138	427
1957 ¹	2	2	408	2	2	153	561

¹ Preliminary.² Not available separately - see sub-total.

TABLE 5. Employees and their Earnings in the Bicycle Manufacturing Industry, 1953-1957

Year	Number of employees					Earnings		
	Office and supervisory		Production workers		Total	Office and supervisory	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
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
1957	106	60	440	53	659	732,991	1,614,670	2,347,661

TABLE 6. Production Workers, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
	number					
January	407	50	457	435	54	489
February	409	51	460	432	55	487
March	375	49	424	436	55	491
April	406	48	454	460	53	513
May	423	54	477	468	55	523
June	417	55	472	466	54	520
July	418	57	475	466	56	522
August	444	57	501	452	56	508
September	454	60	514	430	55	485
October	453	62	515	427	50	477
November	465	58	523	414	47	461
December	458	60	518	402	47	449
Average	427	56	483	440	53	493

TABLE 7. Imports and Exports of Bicycles, 1948-1957

Year	Imports		Exports ¹	
	Number	\$	Number	\$
1948	51,402	1,431,714	2,311	419,914
1949	29,352	771,856	33	64,991
1950	29,283	505,094	266	12,633
1951	37,034	787,031	52	10,512
1952	30,315	697,857	90	4,325
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	1,883
1957	128,813	2,377,447	9	5,409

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

TABLE 8. Fuel and Electricity Used in the Bicycle Manufacturing Industry, 1956 and 1957

Kind	1956		1957	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Bituminous coal—Canadian	ton	160	56	323
Imported	"	3,479	3,261	40,732
Anthracite coal	"	—	5	100
Gasoline (including gasoline used in cars and trucks	Imp. gal.	—	1,000	400
Wood	cord	—	10	100
Fuel oil	Imp. gal.	50,958	37,186	5,975
Gas—Liquefied petroleum gases (propane, etc.)	" "	34,506	50,538	6,052
Natural	M cu. ft.	6,000	5,811	5,067
Other fuel	—	500	—	—
Electricity purchased	kwh.	2,566,550	2,564,516	40,360
Total	—	102,334	—	99,619

List¹ of Firms in the Bicycle Manufacturing Industry, 1957

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.

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