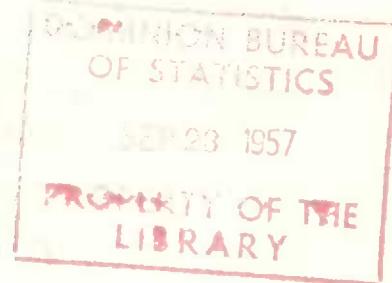


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CANADA



THE MACARONI AND KINDRED PRODUCTS INDUSTRY

1956

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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 III, Foods and Beverages. 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 Slaughtering and Meat Packing Industries, 25¢
- C — The Dairy Products Industry, 25¢
- D — The Fish Processing Industry, 25¢
- E — The Fruit and Vegetable Preparations Industry, 25¢
- F — The Flour Milling Industry, 25¢
- G — The Prepared Breakfast Foods Industry, 25¢
- H — The Feeds Industry, 25¢
- I — The Biscuit Industry, 25¢
- J — The Bread and Other Bakery Products Industry, 25¢
- K — The Carbonated Beverages Industry, 25¢
- L — The Distilling Industry, 25¢
- M — The Brewing Industry, 25¢
- N — The Wine Industry, 25¢
- O — The Confectionery Industry, 25¢
- P — The Sugar Refining Industry, 25¢
- Q — The Macaroni and Kindred Products Industry, 25¢
- R — The Miscellaneous Food Preparations Industry, 25¢
- S — The Canned Foods Summary, 25¢

THE MACARONI AND KINDRED PRODUCTS INDUSTRY

1956

Beginning in 1952, the Bureau changed its policy with regard to the collection of statistics on the production of manufactured goods. Firms in several industries, where year-end inventory changes were known to be insignificant, were requested to report value of shipments f.o.b. plant instead of gross value of production. This changeover should result in better consumption data and should, eventually, provide industry with better statistics for economic analysis.

The statistics in this report cover plants engaged in the production of dry macaroni, spaghetti, noodles, etc. for sale as such. Canned macaroni, etc. (with cheese or tomato sauce) is produced mainly in the Fruit and Vegetable Preparations Industry.

The shipments of macaroni, spaghetti, vermicelli, noodles, etc. in this industry in 1956 amounted to 90,074,101 pounds with a selling value of

\$11,123,911 while in 1955 shipments totalled 78,903,917 pounds valued at \$9,396,917. In addition, in 1956 there were 1,200,335 pounds shipped from other industries making the total shipments 91,274,436 pounds with a value of \$11,237,943.

There were seventeen establishments operating in the industry in 1956. These were distributed by provinces as follows: Ontario 6, Quebec 5, British Columbia 3, Manitoba 2, and Alberta 1. These plants reported a total employment of 658 persons who received \$1,875,760 in salaries and wages. The cost of raw materials amounted to \$6,711,530.

The tables which follow give detailed statistics of production or shipments, employment, materials used, imports, and exports. Beginning in 1954 statistics were collected on opening and closing inventory values at each plant. The results have been summarized and are shown in Table 2.

TABLE 1. Principal Statistics of the Macaroni and Kindred Products Industry, Significant Years 1926-54, and by Provinces 1955 and 1956¹

Year and province	Establishments	Employees	Salaries	Fuel	Cost at works	Value added	Gross selling
			wages	and electricity	of materials used	by manufacture	value of shipments
	No.	No.	\$	\$	\$	\$	\$
1926	11	317	250,469	28,937	960,373	571,200	1,560,510
1932	14	206	199,975	36,161	560,734	456,694	1,053,589
1939	16	398	348,287	58,225	929,957	1,019,839	2,008,021
1941	17	430	405,659	78,649	1,141,376	721,801	1,941,826
1943	16	585	651,904	104,797	1,736,082	1,324,838	3,165,717
1944	16	494	660,727	90,702	1,418,347	1,095,916	2,604,965
1947	18	703	1,133,224	112,133	3,468,816	2,382,209	5,963,158
1948	17	676	1,289,074	120,986	4,827,220	2,805,352	7,753,558
1949	16	552	1,104,316	97,604	3,423,153	2,382,376	5,903,133
1950	16	554	1,147,773	109,356	4,006,110	2,985,477	7,100,943
1951	15	571	1,259,310	123,986	4,438,767	3,501,282	8,064,035
1952	13	558	1,397,762	138,776	4,587,616	3,309,928	8,536,320 ²
1953	14	553	1,399,242	146,364	4,787,233	3,191,101	8,124,698 ²
1954	14	609	1,573,338	129,908	5,941,868	3,311,813	9,384,765 ²
1955							
Canada	17	672	1,758,135	156,629	5,971,292	3,846,453	9,896,911²
Ontario	6	153	421,780	38,610	1,860,974	768,377	2,595,999 ²
Quebec	5	413	1,108,860	90,104	3,188,441	2,295,200	5,527,412 ²
British Columbia	3	30	50,856	4,491	56,578	85,370	140,523 ²
Other provinces	3	76	176,639	23,424	865,299	697,506	1,632,977 ²
1956							
Canada	17	658	1,875,760	192,094	6,711,530	5,222,770	12,021,712²
Ontario	6	179	525,452	63,431	2,139,553	1,343,464	3,497,378 ²
Quebec	5	369	1,112,631	98,035	3,492,957	2,993,473	6,557,145 ²
British Columbia	3	30	50,080	4,304	118,974	70,821	193,916 ²
Other provinces	3	80	187,597	26,324	960,046	810,012	1,773,273 ²

1. Profits or losses cannot be estimated from Census figures as no data are collected for expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

2. Prior to 1952 the basis of collection was gross value of products instead of gross value of shipments.

TABLE 2. Inventory Values 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
	\$	\$	\$	\$
Opening Inventory:¹				
Ontario	222,482	4,600	116,613	343,695
Quebec	121,980	—	166,785	288,765
British Columbia	75,655	3,712	11,893	91,260
Other Provinces	61,939	1,776	93,372	157,087
Canada	482,056	10,088	388,663	880,807
Closing Inventory:				
Ontario	287,458	4,231	166,052	457,741
Quebec	147,546	—	199,105	346,651
British Columbia	59,864	7,044	8,744	75,652
Other Provinces	73,895	1,316	116,941	192,152
Canada	568,763	12,591	490,842	1,072,196

1. The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year, because of changes in the composition of the industry, such as the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous years does not need to be altered because of such changes in the composition of the industry.

TABLE 3. Capital and Repair Expenditures, 1948-1956
(Figures prepared in General Assignments Division)

	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total
Thousands of dollars									
1948			299			195			494
1949			355			122			477
1950	Breakdown not available		209	Breakdown not available		108	Breakdown not available		317
1951			172			126			298
1952			241			209			450
1953			395			186			581
1954	1	311	1	1	161	1	1	472	540
1955	1	680	1	1	161	1	259	841	1,100
1956	181	1	1	108	1	1	289	331	620

1. Fewer than three establishments reporting.

TABLE 4. Factory Shipments from plant in the Macaroni and Kindred Products Industry, 1942 - 1954 and by Provinces, 1955 and 1956

Year	Macaroni, spaghetti, vermicelli, noodles, etc., dry			Other products		
	Quantity		Selling value at factory	Value only		
	Pounds	\$		\$		
1942	48,957,265	2,251,346		51,388		
1943	60,435,568	3,084,629		81,088		
1944	44,425,263	2,484,416		120,549		
1945	62,355,790	3,560,247		242,284		
1946	78,558,447	4,998,033		248,902		
1947	79,255,918	5,811,027		152,131		
1948	83,130,860	7,629,818		123,740		
1949	57,810,831	5,773,372		129,761		
1950	63,081,248	6,893,776		207,167		
1951	67,371,252	7,802,354		261,681		
1952	66,775,308	8,231,688 ¹		304,632		
1953	69,151,488	7,883,198		241,500		
1954	73,866,534	8,850,030		534,735		
1955						
Provinces	Macaroni, spaghetti vermicelli, noodles, etc.		Other products	Macaroni, spaghetti vermicelli, noodles, etc.		
	Quantity	Selling value at factory	Value only	Quantity	Selling value at factory	
	Pounds	\$	\$	Pounds	\$	
Canada ²	78,903,917	9,396,917	499,994	90,074,101	11,123,911	897,801
Ontario	17,985,403	2,172,158	423,841	21,877,648	2,709,611	787,767
Quebec	46,413,825	5,526,515	897	52,732,576	6,556,185	960
British Columbia	625,386	65,267	75,256	677,274	84,842	109,074
Other Provinces	13,879,303	1,632,977	-	14,786,603	1,773,273	-

1. Prior to 1952 the basis of collection was gross value of production instead of gross value of shipments.

2. The shipments of macaroni, etc. from plants in other industries amounted to 1,287,520 pounds in 1955 and 1,200,335 pounds in 1956.

TABLE 5. Materials Used in the Macaroni and Kindred Products Industry, 1955 and 1956

Materials	Unit of measure	1955		1956	
		Quantity	Cost value	Quantity	Cost value
			\$		\$
Flour, all kinds (including semolina)	Pound	84,761,774	4,039,618	96,170,006	4,533,561
Eggs, in shell	Dozen	58,010	23,105	71,023	36,088
Eggs, frozen	Pound	579,748	251,215	559,853	222,482
Egg Powder	"	291	324	256	318
Milk powder	"	1,580	344	1,604	300
Salt	"	73,690	2,546	99,404	3,020
Sugar	"	55,944	3,863	62,088	4,209
Colouring	"	3,070	7,714	3,265	8,676
Oils and shortenings	"	62,598	13,922	79,423	19,860
Containers	-	-	1,248,570	-	1,529,753
All other materials	-	-	380,071	-	353,263
Total cost of materials used ¹	-	-	5,971,222	-	6,711,530

1. Does not include office supplies which amounted to \$11,191 in 1956.

TABLE 6. Employees Salaries and Wages, by Provinces, 1955 and 1956

	Average number						Salaries and wages		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total	
	Male	Female	Male	Female					
No.	No.	No.	No.	No.	No.	\$	\$	\$	
1955									
Canada	66	25	395	186	672	416,084	1,342,051	1,758,135	
Ontario	23	5	85	40	153	134,669	287,111	421,780	
Quebec	38	16	250	109	413	250,451	858,409	1,108,860	
British Columbia	1	2	16	11	30	7,814	43,042	50,856	
Other Provinces	4	2	44	26	76	23,150	153,489	176,639	
1956									
Canada	66	27	374	191	658	464,931	1,410,829	1,875,760	
Ontario	23	7	89	60	179	161,596	363,856	525,452	
Quebec	37	16	226	90	369	270,158	842,473	1,112,631	
British Columbia	2	2	13	13	30	7,237	42,843	50,080	
Other Provinces	4	2	46	28	80	25,940	161,657	187,597	

TABLE 7. Production Workers, by Months, 1955 and 1956

	1955			1956		
	Male	Female	Total	Male	Female	Total
				No.	No.	No.
January	377	166	543	380	202	582
February	387	184	571	375	204	579
March	399	188	587	372	188	560
April	397	172	569	374	174	548
May	395	166	561	370	185	555
June	398	174	572	370	194	564
July	384	188	572	356	181	537
August	396	187	583	366	195	561
September	424	178	602	381	191	572
October	404	206	610	374	197	571
November	403	218	621	381	203	584
December	400	209	609	370	184	554
Monthly average	395	186	581	374	191	565

TABLE 8. Imports and Exports of Macaroni, Spaghetti and Vermicelli, 1942-1956

	Exports					Imports	
	Macaroni, spaghetti and vermicelli					Macaroni, spaghetti & vermicelli	
	Canned		Not canned				
	Pounds	\$	Pounds	\$	Pounds	\$	
1942	803, 313	58, 628	1, 599, 745	99, 636	2, 753	350	
1943	245, 641	17, 188	1, 464, 483	101, 781	80	31	
1944	873, 407	67, 210	2, 487, 365	201, 480	6, 480	546	
1945	1, 779, 731	135, 112	7, 360, 814	559, 545	620	135	
1946	3, 355, 382	262, 094	19, 598, 929	1, 426, 084	5, 162	4, 001	
1947	5, 522, 022	450, 085	15, 407, 298	1, 610, 705	29, 239	16, 109	
1948	1, 386, 111	154, 836	29, 939, 486	3, 386, 317	656	235	
1949	349, 924	36, 445	2, 127, 590	238, 802	64, 368	28, 165	
1950	171, 419	18, 312	1, 656, 981	187, 009	45, 035	12, 762	
1951	423, 534	47, 008	2, 164, 784	253, 012	270, 425	47, 810	
1952	238, 883	27, 719	2, 760, 614	336, 934	1, 320, 082	225, 311	
1953	186, 893	20, 851	2, 593, 425	321, 600	1, 520, 436	254, 029	
1954	249, 293	29, 154	2, 585, 131	309, 990	1, 270, 975	202, 558	
1955	225, 008	30, 217	2, 557, 992	310, 599	1, 316, 684	213, 780	
1956	266, 542	32, 562	2, 987, 485	352, 818	1, 566, 969	252, 241	

TABLE 9. Fuel Consumption, 1953 and 1956

Kind	Unit of measure	1953		1956	
		Quantity	Cost at plant (Omit cents)	Quantity	Cost at plant (Omit cents)
			\$		\$
Bituminous coal:					
(a) From Canadian mines	tons	570	6, 060	340	3, 870
(b) Imported	"	723	7, 724	-	-
Sub-bituminous coal (from Alberta mines only)	"	1	11	2	41
Anthracite coal	"	2	45	16	195
Lignite coal	"	-	-	170	1, 488
Coke (for fuel only)	"	-	-	-	-
Gasoline	imp. gal.	24, 197	9, 965	36, 480	14, 630
Kerosene or coal oil	" "	-	-	-	-
Fuel oil	" "	674, 714	57, 728	914, 425	88, 851
Wood (cords of 128 cubic feet of piled wood)	cords	-	-	1	12
Gas:					
(a) Liquefied petroleum gases (propane, etc.) ..	imp. gal.	-	-	-	-
(b) Other manufactured gas	1,000 cu. ft	593	780	725	925
(c) Natural gas	" " "	14, 244	3, 561	16, 290	5, 077
Other fuel	-	-	-	-	1, 721
Electricity purchased	k.w.h.	5, 940, 869	60, 490	4, 748, 130	75, 284
Total			146, 364	-	192, 094

List of Firms in the Macaroni and Kindred Products Industry, 1956

Name of firm	Plant address
Mafaldo Barbieri	6790 St. Lawrence Blvd., Montreal, Que.
Catelli Food Products Limited	6890 Notre Dame St. E., Montreal, Que.
Wing Hing Lung Company	1072 St. Urbain St., Montreal, Que.
Magnani Frères	9245 Blvd. Lajeunesse, Montreal, Que.
Chong Wah Noodle Mfg. Co. Reg'd	1077 Clark St., Montreal, Que.
Canada Food Products	225 Sterling Road, Rear, Toronto, Ont.
Catelli Food Products Ltd.	Yarmouth Road St. Thomas, Ont.
Naples Macaroni Company Ltd.	390 King St. E., Hamilton, Ont.
Ontario Macaroni Company Limited	220 Norseman St., Toronto, Ont.
Primo Macaroni Mfg. Co.	56 Manser Road, Toronto, Ont.
Toronto Macaroni and Imported Foods Ltd.	60 Hook Avenue, Rear, Toronto, Ont.
Constant Macaroni Products	254 rue Dumoulin, St. Boniface, Man.
The Creamette Co. of Canada Ltd.	283 Stanley St., Winnipeg, Man.
Catelli Food Products Limited	Lethbridge, Alberta
Famous Foods Limited	1315 East Hastings St., Vancouver 6, B.C.
Northwest Foods Products Limited	433 East Georgia St., Vancouver, 4 B.C.
Jimmy's Food Products	4295 Main St., Vancouver, 10 B.C.