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# THE MACARONI AND KINDRED PRODUCTS INDUSTRY

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## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Foods, Beverages and Tobacco** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

Catalogue number		Per copy	Per year	Catalogue number		Per copy	Per year
<b>General</b>				<b>Dairy Products</b>			
32-201	Foods and Beverages — General Review .....	\$ .50		23-201	Dairy Statistics.....	\$ .50	
31-001	Inventories, Shipments and Orders in Manufacturing Industries .....		\$4.00	32-002	Dairy Factory Production (Monthly) ..	.10	\$1.00
31-201	General Review of the Manufacturing Industries .....		2.00	32-009	Stocks of Dairy and Poultry Products (Monthly) .....	.20	2.00
65-004	Trade of Canada — Exports (Monthly) ..		7.50	32-209	Dairy Products Industries .....	.75	
65-007	Trade of Canada — Imports (Monthly) ..		7.50	32-210	Process Cheese Industry .....	.25	
<b>Bakery Products</b>				<b>Grain Mill Products</b>			
32-202	Biscuit Industry .....	.50		32-003	Grain Milling Statistics (Monthly) ....	.10	1.00
32-203	Bread and Other Bakery Products Industry .....	.50		32-004	Shipments of Prepared Stock and Poultry Feeds (Monthly) .....	.30	3.00
<b>Beverages</b>				32-204	Prepared Breakfast Foods Industry ..	.25	
32-001	Monthly Production of Carbonated Beverages .....	.10	1.00	32-214	Feeds Industry .....	.50	
32-205	Brewing Industry .....	.50		32-215	Flour Milling Industry .....	.50	
32-206	Distilling Industry .....	.50		<b>Meat Products</b>			
32-207	Wine Industry .....	.25		32-012	Stocks of Meat and Lard (Monthly)....	.30	3.00
32-208	Carbonated Beverages Industry .....	.50		32-220	Estimates of Production and Consumption of Meats.....	.25	
<b>Canning and Preserving</b>				32-221	Slaughtering and Meat Packing Industries .....	.50	
22-003	Fruit and Vegetable Crop Reports (Seasonal) .....	.20	1.00	<b>Other Food Industries</b>			
24-001	Fish Freezings and Stocks (Monthly) ..	.20	2.00	32-005	Margarine Statistics (Monthly) .....	.10	1.00
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24-201	Fisheries Statistics of Canada.....	.75		32-007	Quarterly Report on Processed Foods ..	.50	2.00
32-010	Stocks of Fruit and Vegetables (Monthly) .....	.20	2.00	32-013	Sugar Situation (Monthly).....	.10	1.00
32-011	Quarterly Stocks of Canned Fruits and Vegetables on Hand .....	.50	2.00	32-213	Confectionery Industry .....	.50	
32-211	Canned Foods Summary .....	.50		32-219	Macaroni and Kindred Products Industry .....	.25	
32-212	Canned and Frozen Processed Foods ..	.25		32-222	Sugar Refining Industry .....	.50	
32-216	Fish Processing Industry .....	.50		32-223	Vegetable Oils Industry .....	.50	
32-217	Stocks of Food Commodities in Cold Storage and Other Warehouses .....	.50		32-224	Miscellaneous Food Preparations Industry .....	.50	
32-218	Fruit and Vegetables Preparations Industry .....	.50		<b>Tobacco and Tobacco Products</b>			
				22-205	Leaf Tobacco Production and Value ..	.25	
				32-014	Quarterly Stocks and Consumption of Unmanufactured Tobacco.....	.50	2.00
				32-225	Tobacco and Tobacco Products Industries .....	.50	

**Note:** In addition, several special statements are available. These include Monthly Meat Products, Monthly Stocks of Canned Foods, Monthly Production of Alfalfa Meal, Quarterly Bread and Bakery Products, 20 Seasonal Commodity Reports of Canned Fruits and Vegetables including Irish Potatoes.

*Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.*

## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in **repair** work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies



for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

# THE MACARONI AND KINDRED PRODUCTS INDUSTRY 1958

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 1958 amounted to 112,849,207 pounds with a selling value of \$14,657,601 while in 1957 shipments totalled 89,867,067 pounds valued at \$12,147,334. In addition there was a small quantity made in other industries.

There were nineteen establishments operating in the industry in 1958. These were distributed by

provinces as follows: Ontario 7, Quebec 6, British Columbia 3, Manitoba 2, and Alberta 1. These plants reported a total employment of 778 persons who received \$2,186,790 in salaries and wages. The cost of raw materials amounted to \$8,746,196.

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.

In 1954, value of factory shipments replaced value of production and opening and closing inventory valuations were collected for the first time. For 1954 and 1955 value of production was computed by using the value of shipments plus or minus the change in finished goods inventories. For 1956 and later years the change in goods in process inventory was also taken into account. When value of production was thus determined, value added by manufacture was arrived at by subtracting cost of raw materials and of fuel and electricity. The following table on principal statistics for the period 1951-58 inclusive illustrates this procedure.

Year	Value of factory shipments	Change in inventory	Value of production	Cost of materials	Cost of fuel and electricity	Value added by manufacture <sup>1</sup>
thousands of dollars						
1951 <sup>2</sup> .....	..	—	8,064	4,439	124	3,501
1952.....	8,536	—	—	4,588	139	3,810
1953.....	8,125	—	—	4,787	146	3,191
1954.....	9,385	- 1	9,384	5,942	130	3,312
1955.....	9,897	+ 77	9,974	5,971	157	3,846
1956.....	12,022	+105	12,127	6,712	192	5,223
1957.....	13,294	- 52	13,242	6,995	208	6,038
1958.....	15,851	- 77	15,775	8,746	218	6,811

<sup>1</sup> Historical series on "Value added by manufacture" included in Table 1.

<sup>2</sup> Previous years were computed as in 1951.

.. Not available.



**TABLE 1. Principal Statistics of the Macaroni and Kindred Products Industry, Significant Years 1926-56 and by Provinces 1957 and 1958<sup>1</sup>**

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Fuel and electricity	Cost at works of materials used	Value added by manufacture <sup>2</sup>	Gross selling value of shipments <sup>3</sup>
	number		dollars				
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	3,809,928	8,536,320
1953 .....	14	553	1,399,242	146,364	4,787,233	3,191,101	8,124,698
1954 .....	14	609	1,573,338	129,908	5,941,868	3,311,813	9,384,765
1955 .....	17	672	1,758,135	156,629	5,971,292	3,846,453	9,896,911
1956 .....	17	658	1,875,760	192,094	6,711,530	5,222,770	12,021,712
<b>1957</b>							
Canada <sup>4</sup> .....	18	692	1,824,635	208,379	6,995,205	6,038,101	13,293,796
Ontario .....	7	209	570,356	62,684	2,669,726	1,883,938	4,554,381
Quebec .....	5	363	1,033,519	115,783	3,274,620	3,027,646	6,460,586
British Columbia .....	3	37	49,785	3,807	129,975	78,728	220,545
Other provinces .....	3	83	170,975	26,105	920,884	1,047,789	2,058,284
<b>1958</b>							
Canada .....	19	778	2,186,790	217,713	8,746,196	6,811,026	15,851,237
Ontario .....	7	224	720,782	66,065	3,939,775	1,908,312	5,988,067
Quebec .....	6	429	1,178,090	121,139	3,416,307	3,655,961	7,291,024
British Columbia .....	3	34	52,498	5,217	135,368	82,286	211,613
Other provinces .....	3	91	235,420	25,292	1,254,746	1,164,467	2,360,533

<sup>1</sup> 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.

<sup>2</sup> See text.

<sup>3</sup> Prior to 1952 the basis of collection was gross value of products instead of gross value of shipments.

<sup>4</sup> Columns 5, 6, and 7 are revised figures.

**TABLE 2. Inventory Values 1958**

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
	dollars			
Opening inventory: <sup>1</sup>				
Ontario .....	333,247	5,388	232,898	571,533
Quebec .....	171,776	—	231,868	403,644
British Columbia .....	66,693	45	7,708	74,446
Other provinces .....	64,685	2,538	64,838	132,061
Canada .....	636,401	7,971	537,312	1,181,684
Closing inventory:				
Ontario .....	462,946	3,412	160,959	627,317
Quebec .....	198,108	—	134,251	332,359
British Columbia .....	67,939	221	18,790	86,950
Other provinces .....	88,428	1,628	149,720	239,776
Canada .....	817,421	5,261	463,720	1,286,402

<sup>1</sup> The opening inventory values for 1958 differ from the closing inventory published for 1957 because of transfers, discards, corrections, and addition of new firms. The figure for value added by manufacture for the previous years does not need to be altered because of such changes.

**TABLE 3. Capital and Repair Expenditures, 1948 - 58**

(Figures prepared in Business Finance Division)

	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total	Con- struction	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 .....	<sup>1</sup>	311	<sup>1</sup>	<sup>1</sup>	161	<sup>1</sup>	<sup>1</sup>	472	540
1955 .....	<sup>1</sup>	680	<sup>1</sup>	<sup>1</sup>	161	<sup>1</sup>	259	841	1, 100
1956 .....	<sup>1</sup>	243	<sup>1</sup>	<sup>1</sup>	167	<sup>1</sup>	129	410	539
1957 .....	507	1, 633	2, 140	<sup>1</sup>	201	201	507	1, 834	2, 341
1958 .....	294	519	813	<sup>1</sup>	193	193	294	712	1, 006

<sup>1</sup> Fewer than three establishments reporting.**TABLE 4. Factory Shipments from plant in the Macaroni and Kindred Products Industry, 1942 - 56 and by Provinces, 1957 and 1958<sup>1</sup>**

Year	Macaroni, spaghetti, vermicelli, noodles, etc., dry		Other products	
	Quantity		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 <sup>1</sup>	304, 632	
1953 .....	69, 151, 488	7, 883, 198	241, 500	
1954 .....	73, 866, 534	8, 850, 030	534, 735	
1955 .....	78, 903, 917	9, 396, 917	499, 994	
1956 .....	90, 074, 101	11, 123, 911	897, 801	
Provinces	1957 <sup>2</sup>		1958	
	Macaroni, spaghetti, vermicelli, noodles, etc.		Other products	
	Quantity	Selling value at factory	Value only	
	pounds	\$	\$	
	89, 867, 067	12, 147, 334	1, 146, 462	112, 849, 207
Canada .....				14, 657, 601
Ontario .....	28, 116, 797	3, 553, 507	1, 000, 874	44, 913, 299
Quebec .....	45, 977, 739	6, 427, 179	33, 407	50, 090, 778
British Columbia .....	851, 575	108, 364	112, 181	880, 239
Other provinces .....	14, 920, 956	2, 058, 284	—	16, 964, 891
				2, 360, 533

<sup>1</sup> Prior to 1952 the basis of collection was gross value of production instead of gross value of shipments.<sup>2</sup> Revised.

TABLE 5. Materials Used in the Macaroni and Kindred Products Industry, 1957 and 1958

Materials	1957		1958	
	Quantity	Cost value	Quantity	Cost value
		\$		\$
Flour, all kinds (including semolina) ..... lb.	98,801,475 <sup>1</sup>	4,597,485 <sup>1</sup>	116,381,866	5,573,629
Eggs, in shell ..... doz.	84,986	46,220	164,400	74,405
Eggs, frozen ..... lb.	562,313	226,321	286,158	88,924
Egg powder ..... "	6	18	306	438
Milk powder ..... "	1,340	241	2,130	309
Salt ..... "	112,295	3,138	89,467	2,140
Sugar ..... "	84,771	7,254	84,792	6,718
Colouring ..... "	3,132	9,526	1,438	4,354
Oils and shortenings ..... "	102,286	23,766	250,316	53,812
Containers ..... —	—	1,692,782	—	1,971,991
All other materials ..... —	—	388,454	—	969,476
<b>Total cost of materials used<sup>2</sup></b> .....	—	<b>6,995,205</b>	—	<b>8,746,196</b>

<sup>1</sup> Revised.<sup>2</sup> Does not include office supplies which amounted to \$9,483 in 1957 and \$15,853 in 1958.

TABLE 6. Employees, Salaries and Wages, by Provinces, 1957 and 1958

	Average					Salaries and wages		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Canada .....	53	24	406	209	692	417,200	1,407,435	1,824,635
Ontario .....	16	6	108	79	209	131,357	438,999	570,356
Quebec .....	32	15	228	88	363	257,449	776,070	1,033,519
British Columbia .....	1	2	21	13	37	5,154	44,631	49,785
Other provinces .....	4	1	49	29	83	23,240	147,735	170,975
1958								
Canada .....	77	45	423	233	778	584,337	1,602,453	2,186,790
Ontario .....	17	7	104	96	224	181,553	539,229	720,782
Quebec .....	54	32	248	95	429	363,018	815,072	1,178,090
British Columbia .....	3	4	16	11	34	12,131	40,367	52,498
Other provinces .....	3	2	55	31	91	27,635	207,785	235,420



TABLE 7. Production Workers, by Months, 1957 and 1958

	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January .....	423	210	633	462	241	703
February .....	415	209	624	451	241	692
March .....	409	208	617	431	238	669
April .....	401	191	592	419	236	655
May .....	396	198	594	412	225	637
June .....	406	206	612	413	235	648
July .....	390	203	593	404	226	630
August .....	400	208	608	407	214	621
September .....	407	216	623	421	229	650
October .....	410	227	637	416	236	652
November .....	400	219	619	436	229	665
December .....	398	213	611	421	212	633
Monthly average .....	406	209	615	423	233	656

TABLE 8. Imports and Exports of Macaroni, Spaghetti and Vermicelli, 1942-58

	Exports				Imports	
	Macaroni, spaghetti and vermicelli				Macaroni, spaghetti and 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	170,425	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
1957 .....	177,454	22,902	3,340,953	396,856	1,958,384	310,557
1958 .....	217,807	31,671	3,661,143	460,391	2,150,247	331,357

TABLE 9. Fuel Consumption, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at plant	Quantity	Cost at plant
		\$		\$
Bituminous coal:				
(a) From Canadian mines ..... ton	414	5,070	673	8,290
(b) Imported .....	—	—	—	—
Sub-bituminous coal (from Alberta mines only) .....	—	—	—	—
Anthracite coal ..... "	2	59	13	390
Lignite coal ..... "	180	1,469	225	1,851
Coke (for fuel only) .....	—	—	—	—
Gasoline ..... Imp. gal.	52,673	24,325	77,487	32,283
Fuel oil including kerosene or coal oil (not including lubricating oil) ..... "	840,910	90,773	1,160,787	99,126
Wood (cord of 128 cubic feet of piled wood) .....	1	11	1	14
Gas:				
(a) Liquefied petroleum gases (propane, etc.) .....	—	—	—	—
(b) Other manufactured gas ..... M cu. ft.	921	1,152	932	998
(c) Natural gas ..... "	18,357	5,305	15,107	6,219
Other fuel .....	—	257	—	—
Electricity purchased ..... kwh.	6,742,188	79,958	6,996,583	68,542
<b>Total</b> .....	—	<b>208,379</b>	—	<b>217,713</b>

TABLE 10. Power Equipment in Use or Available for Use 1953<sup>1</sup> and 1958

	1953	1958	
		Driving generators	Not driving generators
		horsepower	
Steam engines .....	—	—	150
Steam turbines .....	—	—	—
Diesel engines .....	—	—	—
Gasoline, gas and oil engines, other than diesel .....	—	—	—
<b>Total</b> .....	—	—	<b>150</b>
Electric motors, all kinds .....	2,382	—	2,409 <sup>2</sup>

<sup>1</sup> Not collected 1954 to 1957 inclusive.<sup>2</sup>  $\frac{1}{4}$  horsepower and over.

## List of Firms in the Macaroni and Kindred Products Industry, 1958

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 Noodles Ltd. ....	1072 St. Urbain St., Montreal, Que.
Magnani Freres .....	9245 Blvd. Lajeunesse, Montreal, Que.
Chong Wah Noodle Mfg. Co. Reg'd .....	1077 Clark St., Montreal, Que.
Trieste Macaroni Co., .....	378 Beaumont Ave., Montreal, Que.
Better Bakers .....	370 College St., Toronto, Ont.
Canada Food Products .....	225 Sterling Road, Rear, Toronto 3, Ont.
Catelli Food Products Ltd. ....	Yarmouth Road, St. Thomas, Ont.
Naples Macaroni Company Ltd. ....	51 Stuart St. W., Hamilton, Ont.
Ontario Macaroni Company Limited .....	220 Norseman St., Toronto 18, Ont.
Primo Macaroni Mfg. Co. ....	56 Manser Road, Weston, Ont.
Toronto Macaroni and Imported Foods Ltd. ....	60 Hook Avenue, Rear, Toronto 9, Ont.
Constant Macaroni Products .....	254 rue Dumoulin, St. Boniface, Man.
The Creamette Co. of Canada Ltd. ....	283 Stanley St., Winnipeg 2, Man.
Catelli Food Products Limited .....	104 - 13th Ave., N., 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.



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