

964
3
CATALOGUE No.

32-219

ANNUAL



MACARONI MANUFACTURERS 1964

ANNUAL CENSUS OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

October 1966
6506-522

Price* 50 cents

PUBLICATIONS

In addition to the report on this industry, the DBS publishes annual statistics on a number of related industries and current statistics on the more important commodities. Copies of reports provided in the following list are available from the Information and Public Relations Division of the DBS, Ottawa or from the Queen's Printer, Hull, P.Q.

Catalogue number	Title	Periodicity	Price	
			Per copy	Per year
11-001	DBS Daily Bulletin	D		\$1.00
11-003	Canadian Statistical Review	M	.50	5.00
31-001	Inventories, Shipments and Orders in Manufacturing Industries	M	.30	3.00
31-201	General Review of the Manufacturing Industries of Canada	A	\$2.00	
32-018	Miscellaneous Food Preparations	Q	.25	1.00
32-218	Fruit and Vegetable Cannerys and Preservers	A	.50	
32-219	Macaroni Manufacturers	A	.50	
65-004	Exports by Commodities	M	.75	7.50
65-007	Imports by Commodities	M	.75	7.50

A — Annual

Q — Quarterly

M — Monthly

D — Daily

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information and Public Relations Division, Ottawa or to the Queen's Printer, Hull, P.Q.



MACARONI MANUFACTURERS

1964

In the pages of Concept and Definitions to be found at the end of this bulletin a concise outline has been presented on factors applicable to and comprised in the tabular matter compiled for this publication. The revised Standard Industrial Classification and the new concept of the establishment (reporting unit; see Concept and Definitions) apply throughout this bulletin.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- Ⓟ preliminary figures.
- * revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	18	759	1,765	2,021	290	10,027	18,800	8,673	9	28	901	2,891	9,057
1962													
Totals	19	727	1,710	2,053	233	11,354	19,653	8,148	6	18	861	2,891	8,614
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	4	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	9	305	754	1,007	132	5,877	9,979	3,920	x	x	392	1,556	4,243
Manitoba	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	2	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	1	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	18	702	1,661	2,167	230	11,876	21,142	8,992	9	28	844	3,050	9,318
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	5	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	8	301	756	1,054	133	5,624	9,462	3,730	x	x	377	1,600	4,093
Manitoba	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	2	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	2	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	19	686	1,564	2,313	238	12,258	21,753	9,156	7	25	818	3,184	9,601

TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000							'000			'000
1963													
Under \$10,000	4												
\$ 10,000 to \$ 24,999		23	44	45	7	160	277	113	3	11	29	62	118
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	5	49	106	118	16	641	1,174	523	5	15	62	232	531
500,000 " 999,999	9												
1,000,000 " 4,999,999		630	1,511	2,004	207	11,075	19,691	8,356	1	3	753	2,757	8,669
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	702	1,661	2,167	230	11,876	21,142	8,992	9	28	844	3,050	9,318
1964													
Under \$10,000	5												
\$ 10,000 to \$ 24,999		20	43	48	6	187	308	113	5	16	26	61	113
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999		19	39	45	7	257	417	152	—	—	24	61	152
200,000 " 499,999	3	34	80	105	14	490	1,084	579	2	9	45	211	576
500,000 " 999,999	8												
1,000,000 " 4,999,999		613	1,402	2,115	210	11,323	19,945	8,313	—	—	723	2,851	8,760
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	19	686	1,564	2,313	238	12,258	21,753	9,156	7	25	818	3,184	9,601

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000							'000			'000
1963													
Under \$10,000	4												
\$ 10,000 to \$ 24,999		19	37	38	8	229	318	81	4	10	24	48	91
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	6	83	182	204	26	1,172	1,859	670	5	18	101	338	672
500,000 " 999,999	8												
1,000,000 " 4,999,999		600	1,442	1,925	196	10,475	18,966	8,241	—	—	719	2,664	8,555
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	702	1,661	2,167	230	11,876	21,142	8,992	9	28	844	3,050	9,318
1964													
Under \$10,000	3												
\$ 10,000 to \$ 24,999		5	11	13	5	108	152	41	3	9	7	17	41
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999		45	106	151	18	816	1,188	354	2	9	47	158	353
200,000 " 499,999	9												
500,000 " 999,999		608	1,389	2,085	209	11,042	19,955	8,605	—	—	729	2,927	9,051
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	19	686	1,564	2,313	238	12,258	21,753	9,156	7	25	818	3,184	9,601

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1963													
Under \$10,000	6	36	72	79	12	317	524	199	6	17	45	105	213
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999	5	86	199	219	23	1,529	2,305	752	3	11	103	357	748
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	7	580	1,390	1,870	194	10,031	18,313	8,041	—	—	696	2,588	8,356
1,000,000 " 4,999,999													
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	702	1,661	2,167	230	11,876	21,142	8,992	9	28	844	3,050	9,318
1964													
Under \$10,000	3	5	11	13	5	108	152	41	3	9	7	17	41
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999	3	45	106	151	18	816	1,188	354	2	9	47	158	353
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	9	608	1,389	2,085	209	11,042	19,955	8,605	—	—	729	2,927	9,051
1,000,000 " 4,999,999													
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	19	686	1,564	2,313	238	12,258	21,753	9,156	7	25	818	3,184	9,601

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1963													
Under 5 employed	7	42	88	104	21	606	1,003	382	6	18	54	162	390
5- 14 employed													
15- 49 "													
50- 99 "	11	660	1,573	2,062	209	11,270	20,139	8,610	3	10	790	2,888	8,928
100-199 "													
200-499 "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	702	1,661	2,167	230	11,876	21,142	8,992	9	28	844	3,050	9,318
1964													
Under 5 employed	3	5	11	13	5	108	152	41	3	9	7	17	41
5- 14 employed													
15- 49 "													
50- 99 "	11	650	1,483	2,219	220	11,694	20,833	8,819	2	7	773	3,065	9,265
100-199 "													
200-499 "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	19	686	1,564	2,313	238	12,258	21,753	9,156	7	25	818	3,184	9,601

TABLE 6. Principal Statistics classified by Type of Organization, 1963 and 1964

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1963													
Individual ownerships	5	56	123	138	19	872	1,209	328	9	28	65	167	341
Partnerships													
Incorporated companies	13	646	1,538	2,029	211	11,004	19,932	8,664	...	...	779	2,883	8,976
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	702	1,661	2,167	230	11,876	21,142	8,992	9	28	844	3,050	9,318
1964													
Individual ownerships	5	53	121	167	18	868	1,236	348	7	25	55	171	347
Partnerships													
Incorporated companies	14	633	1,443	2,146	220	11,390	20,518	8,808	...	...	763	3,013	9,254
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	19	686	1,564	2,313	238	12,258	21,753	9,156	7	25	818	3,184	9,601

TABLE 7. Calculation of Output, Input and Value Added, 1963 and 1964

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
\$'000						
Output						
1. Shipments and other revenue	21,142	21,753	2,781	3,252	23,923	25,005
Inventories—Goods of own manufacture:						
Add closing—Goods in process	14	26	...	...	14	26
Finished goods	421	862	...	...	421	862
Deduct opening—Goods in process	11	14	...	...	11	14
Finished goods	467	975	...	...	467	975
2. Net inventory change	(43)	(101)	...	...	(43)	(101)
3. Gross output (1 + 2)	21,099	21,652	2,781	3,252	23,880	24,904
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,432	2,722	2,432	2,722
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	155	172	155	172
Deduct closing .....	...	...	177	138	177	138
5. Cost of goods sold (not of own manufacture) .....	...	...	2,410	2,756	2,410	2,756
6. Materials, supplies, etc.	11,876	12,258	46	52	11,922	12,310
7. Fuel and electricity	230	238	...	...	230	238
8. Gross input (5 + 6 + 7)	12,106	12,496	2,456	2,808	14,562	15,304
Value added (3 - 8)	8,992	9,156	326	444	9,318	9,601

TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distrib- ution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						Manufacturing	Other
	number										\$'000				
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Ontario	164	141	-	-	27	22	38	-	229	163	1,007	-	316	233	1,556
Manitoba	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
British Columbia	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	430	272	-	-	65	38	39	-	534	310	2,167	-	646	237	3,050
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Ontario	166	135	1	-	21	18	36	-	224	153	1,054	2	307	237	1,600
Manitoba	x	x	-	-	x	-	x	-	x	x	x	-	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	x	x	-	-	x	x	-	-	x	x	x	-	x	-	x
British Columbia	x	x	-	-	x	x	-	-	x	x	x	-	x	-	x
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	415	271	1	-	57	36	38	-	511	307	2,313	2	624	245	3,184

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1963 and 1964

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January	427	253	431	285
February	424	280	419	290
March	435	269	425	279
April	422	262	426	281
May	430	264	421	268
June	433	276	410	250
July	424	263	426	250
August	427	265	410	268
September	407	266	408	296
October	434	282	387	282
November	445	299	404	267
December	439	286	406	246
Averages	430	272	415	271
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments	430	272	415	271

TABLE 10. Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	x	x	x	x	—	x
Ontario	1,032	8	312	1,352	172	1,524
Manitoba	x	x	x	x	—	x
Saskatchewan	—	—	—	—	—	—
Alberta	x	x	x	x	—	x
British Columbia	x	x	x	x	—	x
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	1,436	14	975	2,425	172	2,598
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	x	x	x	x	—	x
Ontario	1,030	20	326	1,376	138	1,515
Manitoba	x	x	x	x	—	x
Saskatchewan	—	—	—	—	—	—
Alberta	x	x	x	x	—	x
British Columbia	x	x	x	x	—	x
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	1,428	26	862	2,316	138	2,454

TABLE 11. Purchased Fuel and Electricity Used in Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	—	—	—
(b) Imported	"	338	514	8
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	—	—	—
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	118,969	113,810	47
Fuel oil including kerosene or coal oil	"	786,005	711,011	62
Wood	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	—	—	—
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	27,209	30,416	16
Other fuel .....	...	—	...	—
Electricity purchased	kwh.	7,877,290	8,818,826	93
Steam purchased .....	...	—	...	—
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	10	...	12
3. All establishments:				
Total fuel and electricity used .....	...	230	...	238

TABLE 12. Materials and Supplies - Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used:				
Eggs doz.	93,200	33	120,000	35
Eggs, frozen lb.	869,790	395	512,489	208
Egg, powder "	44,178	23	15,025	15
Flour, all kinds (including semolina)..... "	127,008,540	7,310	128,572,872	7,658
Food colouring "	26,940	32	3,690	9
Milk, powder "	-	-	-	-
Oils, vegetable lb.	553,270	88	570,478	93
Oils, other, shortening, etc. "	-	-	-	-
Salt lb.	135,166	4	159,690	3
Spices "	244,068	98	224,910	95
Sugar "	-	-	-	-
Tomato paste "	...	1	...	1
Vegetable, dehydrated, all kinds lb.	44,586	17	45,828	17
Vitamins "	...	11	...	10
All other materials and components used ² .....	...	627	...	791
2. Containers and other packaging materials and supplies used .....	...	2,761	...	2,763
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	479	...	562
4. Amount paid out to others for work done on materials owned by establishments .....	...	-	...	-
Totals .....	...	11,876	...	12,258

¹ Included in "All other materials and components used".

² No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$235,645 in 1963 and \$307,003 in 1964.

TABLE 13. Shipments of Good of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
<p>Not applicable - Commodities shipped by this classified industry are not separately available for publication. See Table 14 for "All Industries" total of dry macaroni, spaghetti, etc.</p>				
2. Amount received in payment for work done on materials and products owned by others	-	...	-
Less adjustments for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	-	...	-
Net adjustment for establishments receiving progress payments	-	...	-
Total adjusted value of shipments and work done	21,142	...	21,753

TABLE 14. Shipments of Selected Goods of Own Manufacture - All Industries 1953 - 64
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Year	Quantity	Value
	pounds	\$,000
Dry Macaroni, spaghetti, etc.:		
1953	70,850,564	8,086
1954	75,768,141	9,084
1955	80,191,437	9,539
1956	91,293,936	11,241
1957	90,878,222	12,240
1958	113,923,150	14,761
1959	111,043,134	15,248
1960	114,694,993	16,414
1961	119,479,169	17,969
1962	118,030,168	18,692
1963 ^P	124,245,172	20,073
1964 ^P	133,381,905	21,491

List of Establishments classified to This Industry, 1964

(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

Name	Location
Quebec:	
Catelli Food Products Ltd.	6890 Notre Dame St. E., Montreal
Magnani Frères	9245 boul. Lajeunesse, Montréal
Prince Gattuso Macaroni Co. Ltd.	155 Authier St., St. Laurent
Trieste Macaroni Reg'd.	6644, rue Clark, Montréal
Wing Noodles Ltd.	1009 Cote St., Montreal
Ontario:	
Better Bakers	370 College St., Toronto
Naples Macaroni Co. Ltd.	51 Stuart St. W., Hamilton
Ontario Macaroni Co. Ltd.	220 Norseman St., Toronto 18
Primo Macaroni Mfg. Co.	56 Huxley Road, Weston
Romi Foods Ltd.	115 Rivalda Road, Weston
Salute Macaroni Co. Ltd.	225 Sterling Road, Toronto 3
Toronto Macaroni and Imported Food Ltd.	60 Hook Ave., Toronto 9
Wing Hing Lung Ltd.	11 Grange Ave., Toronto
Manitoba:	
Constant Macaroni Products	307, rue Archibald, St-Boniface 6
Creamette Co. of Canada Ltd., The	283 Stanley Street, Winnipeg
Alberta:	
Catelli Food Products Ltd.	104-13th Ave. N., Lethbridge
Golden Grove Foods Ltd.	Bluffton
British Columbia:	
Northwest Food Products Ltd.	355 Powell Street, Vancouver 4
Top-Valu Food Products Ltd.	136 Powell Street, Vancouver

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 56 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

The reporting unit for the Census is designated as the **establishment** (see definition of "Establishment" in following section) and a return is requested from every establishment classified to a manufacturing industry. Although respondents are required to submit reports covering the calendar year, financial year reports other than the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. When an establishment is operated for only part of a year a report is required covering the period of operation.

There are four different questionnaires used in the Census of Manufactures; (a) short form (b) long form (c) head office questionnaire and (d) commodity questionnaire. The short and long forms are used to obtain principal statistics and commodities shipped from establishments classified to manufacturing industries and differ only in the amount of detail requested. The short form is a single-sheet questionnaire sent to small manufacturers generally reporting shipments of less than \$100,000; this cut-off, however, varies somewhat between industries. The head office questionnaire is generally used for company head offices and/or auxiliary units separately located from the manufacturing establishment(s), (see following notes on Head offices and auxiliary units). The Commodity questionnaire is used to survey certain establishments which are coded (on the basis of their principal activity) to industries other than manufacturing in the Standard Industrial Classification system, but which undertake some manufacturing as a subsidiary activity. This single-sheet questionnaire is designed to collect information on the quantity and value of goods of own manufacture shipped by such establishments in order to achieve full coverage of domestically manufactured commodities (see the following note under Shipments).

The results of the Census are presented in some 140 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covering the shipments of all manufactured commodities arranged in alphabetical order is also published.

Since 1960 the following major changes have been implemented in the Census of Manufactures: (a) a revised Standard Industrial Classification (b) a new establishment definition and (c) an extension of the establishment definition to cover the non-manufacturing activities of manufacturing establishments. The statistics presented in the various 1963 reports reflect the complete implementation of these changes and enable comparisons to be made with the years 1961 and 1962. For a complete description of the procedures followed in establishing the revised series, reference should be made to the Explanatory Notes included in the 1960, 1961 and 1962 industry publications. The statistical framework within which the Census of Manufactures is now carried out is based on the following concepts and definitions which have been developed as part of a general programme to achieve a fully integrated system of economic statistics.

Establishment

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. The majority of such establishments are firms but many firms have more than one establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements embodied in the following definition of the "establishment":

"The smallest unit which is a separate operating entity capable of reporting the following principal statistics:

- Materials and supplies used
- Goods purchased for resale as such
- Fuel and power consumed
- Number of employees and salaries and wages
- Man-hours worked and paid
- Inventories
- Shipments or sales."

Each establishment is required to report on all the activities carried out within its accounting boundaries (except income from investments such as rent, interest and dividends) and data on the different activities (manufacturing, trading in goods not of own manufacture, construction by own labour

force, revenue from services, etc.) are requested to be reported separately. It should be noted that the statistics for separate activities are not completely consistent since some respondents cannot distinguish, in their records, materials, shipments and inventories relating solely to their own manufacturing activities. For example, inventory of goods purchased for re-sale may not be distinguishable from inventory of own manufactured goods. Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level and for studies or statistical measures requiring accurate coordinated data, the "total" statistics should be used.

The number of establishments represents the number of operating units that are principally engaged in the activities of the manufacturing industries to which they have been classified. These units do not necessarily represent the total number engaged in the production of a commodity mainly produced in a certain industry. Some commodities are produced as secondary products in other manufacturing and non-manufacturing industries. It should be noted that head offices and auxiliary units which are surveyed separately are not included in the establishment count, (see following notes on head offices and auxiliary units).

Head Offices and Auxiliary Units

All head offices and auxiliary units of companies classified to the manufacturing industries such as sales offices, administrative offices, warehouses, laboratories, etc. are now surveyed as part of the Census of Manufactures.

These head offices and auxiliary units are either included in an establishment report or are surveyed by means of the head office questionnaire. The former is the most common case where a single establishment firm has its executive personnel, sales office, etc. located at the site of the manufacturing plant (establishment). The special head office questionnaire is generally used where a firm, regardless of the number of establishments, has separately located offices or auxiliary units. Such offices or units do not constitute establishments within the Census of Manufactures as they do not normally generate operational revenues, but give rise only to costs of operations (mainly salaries and wages) which are automatically included in the value of shipments or sales. Although not considered as establishments, and hence, not included in the "establishment" count for an industry, the operational costs are reflected in either the "Industry" statistics (3 or 4 digit level) or the "Major group" statistics (2 digit level) according to the following rules:

(a) In the case of single establishment firms, statistics for separately located offices and units are classified to the same industry (3 or 4 digit) as the establishment;

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the firm, when all establishments are in the same industry (3 or 4 digit). When establishments of

such firms are coded (1) to different industries within a major group, (2) to industries in different major groups or (3) to industries in different divisions of the Standard Industrial Classification, then the statistics are included in the major group totals (2 digit level) in which the major part of the company's operations are classified. Although this may result in some distortion of major group statistics in the case of (2) and (3) the statistics at the industry (3 or 4 digit) level in all cases will be left free of these company-wide data.

Employees

(a) Production and related workers — Manufacturing activities

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. For those establishments reporting on the "long" form, production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. In the case of those establishments reporting on the "short" form, respondents are requested to report average annual figures. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). Data on man-hours are not collected from establishments reporting on the short form. Man-hours for these establishments are estimated on the basis of ratios derived from the 1958 census. During this census all establishments reported on the long form. In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

(b) Production and related workers — Non-manufacturing activities

Such employees include those on manufacturing establishments' payrolls engaged in activities such as construction undertaken for the use of these establishments, some outside piece-workers employed in certain industries, logging employees who are reported as part of a sawmilling establishment and any other production workers who are not engaged in manufacturing-type operations.

(c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers, etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the line supervisor or working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical, etc. It should be noted that prior to 1961 this category also included working owners and partners. Also included in this category are employees located at head offices or auxiliary units separately located from the establishment; these are generally included in the figures for the province in which they are located according to the rules outlined under "Head offices and auxiliary units" above.

(d) Sales and distribution workers

This category includes office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truckdrivers and their helpers, etc. It may also include some sales employees who are reported as part of a manufacturing establishment but are not working at the establishment's location. These are generally broken down by province in cases where more than 15 employees are involved in any one province. The figures exclude persons working on a commission basis who are not considered regular employees of the establishment.

(e) Total Employees

This total comprises the foregoing categories including employees located at separately located head offices and auxiliary units. The numbers of employees included under categories (b), (c) and (d) are reported in the form of annual averages and represent as closely as possible full time employment; adjustments are made when reported figures indicate the existence of part time or seasonal employment. In all the above categories, figures on employment refer to the calendar year whether or not other establishment statistics can only be reported on a fiscal year other than the calendar year.

Working Owners or Partners

These are not now included in the statistics of employees and salaries and wages. There is some duplication in numbers when a person owns more than one establishment and is reported as a working owner on each Census return. Withdrawals of working owners are defined as amounts withdrawn by owners or partners for normal living expenses excluding withdrawals for payment of income tax.

Salaries and Wages

Salaries and wages refer to gross earnings of employees **before** deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages,

bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars, trucks, locomotives, etc.), not to purchases unless the quantities are substantially the same. **Any fuel and electricity produced by establishments for internal consumption are not included in the total cost.** Values represent laid down cost at the establishment including freight, duty, etc. Although fuel and electricity used is considered part of manufacturing activity it should be noted that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

Materials and Supplies

(a) Manufacturing activities

Figures represent quantities and laid down cost values, at the establishment, of materials, supplies and purchased components owned and used during the year in manufacturing activities and related processes. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts charged by other establishments for work done on materials owned by the reporting establishment. Cost of repairs or maintenance done by outside contractors and cost of returnable containers are not included.

(b) Non-manufacturing activities

1. Purchases for re-sale as such

Figures represent cost of materials or products purchased from others by the reporting establishment (or received as transfers from other establishments of the reporting company) for re-sale as such in the same condition as purchased. Included are any finished products received on consignment from other countries.

2. Other materials and supplies used

Figures represent the cost of materials and supplies, if any, used in new construction and in the production of machinery and equipment (for the use of the reporting establishment) by the establishment's own employees. Included are materials used for any capital repairs and alterations carried out by the establishment's employees. Amounts paid to outside contractors for construction and repair work are not included nor is the cost of

purchased machinery and equipment. Also included is the cost of office supplies not chargeable to fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

The figures represent revenue from all production, sales, services and related activities of reporting establishments with shipments valued in Canadian dollars at the point at which the establishment relinquishes control. The unsold portion at year end of consignment shipments in Canada is treated as inventory and not as shipments but all shipments to foreign countries for which the form B13 "Customs Canada Export Entry" has been completed, are treated as shipments.

In those industries where work on principal products extends over a relatively long period, (Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair Industry) the value of production rather than the value of shipments is recorded. There are certain establishments in other industries which also operate on a basis of progress payments. For these establishments, shipments are also adjusted to work put in place on the basis of the net change in progress payments over the year.

(b) Shipments of goods of own manufacture

These figures represent shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishments for work done. Included are revenue from repair and custom work, amounts received in payment for work done on materials owned by other establishments and the cost (book value) of any goods shipped on a rental basis.

All products and by-products of own manufacture shipped from the establishment are covered, including transfer shipments to sales outlets, distributing warehouses or to other manufacturing plants of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of returned goods, discounts, returns, allowances, sales tax and excise taxes and duties, returnable containers and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity

are collected by means of the Commodity questionnaire referred to earlier. Such shipments together with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

These figures represent the net selling value at establishment (net of discounts, returns, allowances, sales taxes and excise duties and taxes and transportation charges by common or contract carriers) of all products or materials (including products transferred from other establishments of the reporting firm) sold as such in the same condition as purchased or received as transfers. For those industries which ship such goods on a rental basis, the value of shipments represents the book value of these goods. All sales of consignment goods from other countries are included.

(d) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs, alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishment's own employees and for which depreciation accounts are maintained. Included also are any revenues from the sale of electricity and from any operations performed by the establishment's own employees, such as revenue from goods produced or purchased for rental (the book value of such goods are included as part of shipments of goods of own manufacture or shipments of goods not of own manufacture), servicing revenues, commissions on sales (when not included in value of sales), revenue for company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishment's own products, sale of used materials (excluding sale of used fixed assets) research and development work, etc. As mentioned previously the figures do not include non-operating revenue such as rent, dividends, interest, etc.

Inventories

(a) Manufacturing activities

Values represent the book values of manufacturing inventory owned in Canada. Inventories held for which progress payments have been received are not included. Where progress payment accounts are maintained, the change in these accounts is treated as a net adjustment to shipments. Figures consist of inventory owned at the plant and at warehouses or selling outlets which are treated as extensions of establishments for the purpose of reporting shipments. Inventory owned in transit in Canada or on consignment in Canada is included. Goods shipped abroad and held in inventory are included in shipments. Opening inventories may differ from the closing inventories of the previous year because of changes in classification, the

receipt of revised data, the inclusion of new establishments and the removal of establishments which did not operate during the survey year.

(b) Non-manufacturing activities

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by the reporting establishments and held at plants and at any warehouses or selling outlets which are treated as extensions of establishments. Other characteristics are the same as in (a) above.

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of manufacturing materials, supplies, etc. and fuel and electricity consumed from the (value of shipments of goods of own manufacture adjusted for changes in the value of inventories of finished goods and goods in process).

(b) By non-manufacturing activities

The figures are compiled by deducting the cost of goods purchased for re-sale (adjusted for changes in the value of inventories of goods pur-

chased for re-sale) and the cost of non-manufacturing materials and supplies used from the value of shipments of goods not of own manufacture, plus other revenue.

(c) By Total activities

The figures consist of value added by manufacturing activities plus value added by non-manufacturing activities. This total value added figure may, in some cases, be less than value added by manufacturing activities as a result of expenditures associated with non-manufacturing exceeding revenues from such activities or because of a decrease in inventory of goods not of own manufacture exceeding the mark-up on the sale of such goods. "Value added" is sometimes referred to as net output or net production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, "Survey of Production".



HO 5502

32-219

1964

Canada D.B.S.

Macaroni Manufacturers

DATE

ISSUED TO

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010752353