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BISCUIT MANUFACTURERS

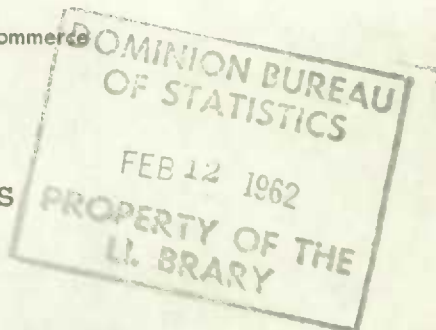
1960

Formerly The Biscuit Industry

ANNUAL CENSUS
OF MANUFACTURES

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- Ⓟ preliminary figures.

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 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. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

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 1960 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, ware-

housing 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 or 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.¹

Standard Industrial Classification

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

¹ 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*.

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

BISCUIT MANUFACTURERS

1960

The 1960 Statistics in this report, formerly The Biscuit Industry, have been compiled on the basis of the Standard Industrial Classification revised 1960. Since implementation of the new S.I.C. has resulted in changes in the content of this industry principal statistics for 1957, 1958 and 1959 have been re-compiled on the revised basis for purposes of comparability. It is noted however that the changes in the industry resulting from the revision in classification have been relatively unimportant.

Biscuit Manufacturers is a specialized industry and this report contains statistical data pertinent to those manufacturing establishments in Canada whose principal products are biscuits, plain and fancy; biscuits, soda; and ice cream cones. "Biscuits" are defined by the Bureau to include such products as soda biscuits and crackers and plain and fancy biscuits. Such products are usually offered for sale in convenient consumer-package form. There is, however, a large volume of business in institutional or industrial bulk packages. The end-product is also specially processed to allow for longer shelf-life without harming the quality of the finished article.

In 1960, there were 50 establishments classified to this industry. Biscuits and ice cream cones are manufactured in this industry but there is a small volume manufactured by plants classified in other Food Industries. For data on total commodities shipped see Table 3.

The 50 establishments in 1960 were located as follows: Newfoundland, 3; Nova Scotia, 1; New Brunswick, 3; Quebec, 17; Ontario, 15; Manitoba, 4; Saskatchewan, 1; Alberta, 3, and British Columbia, 3. Statistics for Newfoundland have been included in all tables since 1949.

The gross value of shipments for the year 1960 amounted to \$87,342,810 an increase of 2.9 p.c. from the revised \$84,841,782 in 1959. The industry employed 6,069 persons and paid them \$18,079,044 in salaries and wages. The cost of raw materials used in production during the same period amounted to \$41,846,105. Salaries and wages were up by 4.6 p.c. and cost of materials used by 4.5 p.c.

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.

Table 3 presents a breakdown of shipments of biscuits and cones by the Industry and by other industries for the ten years 1951-60 inclusive.

TABLE 1. Principal Statistics of Biscuit Manufacturers Significant Years, 1933-59

Basis: Standard Industrial Compilation—revised, 1960

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at works of materials used	Value added by manufacture ¹	Selling value of factory shipments ²
	number				dollars		
1933	34	3,651	2,802,032	—	5,628,991	7,331,979	13,360,970
1937	36	4,698	4,019,661	—	8,825,343	10,245,319	19,070,662
1939	36	4,829	4,456,510	—	8,110,048	11,309,947	19,500,995
1945	36	5,734	7,037,671	—	14,174,162	17,873,149	32,047,311
1946	37	5,061	6,209,257	—	15,161,125	18,755,336	33,916,461
1949 ³	52	6,706	10,608,646	758,552	28,561,885	30,315,272	59,635,709
1950	47	6,315	10,891,996	804,791	30,328,324	33,801,488	64,934,603
1951	46	6,174	11,920,673	827,345	34,863,609	36,208,624	71,899,578
1952	47	6,181	13,017,891	861,745	35,253,637	39,534,718	75,650,100
1953	47	6,781	14,271,755	1,040,716	34,603,257	39,871,435	75,515,408
1954	43	6,236	13,976,562	1,095,538	34,299,466	35,785,072	71,116,613
1955	43	6,124	14,611,402	1,007,937	34,000,392	36,312,264	71,677,784
1956	46	6,191	15,127,721	1,087,243	37,226,249	38,244,500	76,610,411
1957	44	6,245	15,753,469	1,128,909	38,804,082	38,152,436	78,202,784
1958	43	5,914	15,986,092	1,078,498	38,010,904	41,505,215	80,612,444
1959	44	5,897	16,917,293	1,084,527	39,164,213	42,539,899	82,682,904

¹ See text.² Beginning in 1952, gross value of production is replaced by gross value of shipments f.o.b. plant. (See text).³ Newfoundland included in 1949 and subsequent years.

TABLE 2. Principal Statistics of Biscuit Manufacturers by Provinces 1957 to 1960

Basis: Standard Industrial Classification—revised, 1960

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at works of materials used	Value added by manufacture	Selling value of shipments
	number				dollars		
1957							
Canada	47	6,367	16,056,008	1,149,185	39,425,697	..	79,877,462
Newfoundland	3	501	1,076,123	96,320	2,631,242	..	4,937,020
Nova Scotia	1						
New Brunswick	3						
Quebec	16	2,875	6,905,119	552,926	17,258,541	..	33,333,502
Ontario	14	2,378	6,378,558	389,091	15,155,364	..	32,876,254
Manitoba	3	551	1,511,814	92,769	3,916,294	..	7,826,671
Saskatchewan	1						
Alberta	3						
British Columbia	3	62	184,394	18,079	464,256	..	904,015
1958							
Canada	47	6,081	16,424,683	1,112,808	39,043,001	..	82,926,345
Newfoundland	3	440	1,007,679	89,015	2,327,961	..	4,412,497
Nova Scotia	1						
New Brunswick	3						
Quebec	16	2,816	7,107,873	512,401	17,334,090	..	35,592,637
Ontario	15	2,339	6,853,627	411,100	15,694,282	..	35,401,535
Manitoba	3	434	1,293,786	84,447	3,292,816	..	6,675,558
Saskatchewan	1						
Alberta	2						
British Columbia	3	52	161,718	15,845	393,852	..	844,118
1959							
Canada	47	6,038	17,283,782	1,105,408	40,044,179	..	84,841,782
Newfoundland	3	427	1,039,714	81,384	2,379,086	..	4,694,737
Nova Scotia	1						
New Brunswick	3						
Quebec	16	2,865	7,811,382	518,647	17,773,988	..	36,184,634
Ontario	14	2,235	6,867,634	392,914	15,943,069	..	35,478,190
Manitoba	4	458	1,399,192	96,333	3,542,307	..	7,619,328
Saskatchewan	1						
Alberta	2						
British Columbia	3	53	165,860	16,130	405,729	..	864,893
1960							
Canada	50	6,069	18,079,044	1,153,217	41,846,105	44,402,350	87,342,810
Newfoundland	3	409	1,020,791	90,248	2,394,999	1,942,698	4,390,292
Nova Scotia	1						
New Brunswick	3						
Quebec	17	2,826	8,096,635	532,608	18,334,614	18,524,891	37,265,531
Ontario	15	2,344	7,387,074	409,682	17,394,725	19,656,200	37,508,583
Manitoba	4	438	1,408,774	104,459	3,317,002	3,831,919	7,311,233
Saskatchewan	1						
Alberta	3						
British Columbia	3	52	165,770	16,220	404,765	446,642	867,171

TABLE 3. Shipments of Biscuits and Cones in All Industries 1951-60

	Biscuit industry		Other industries		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$
Biscuits, plain and fancy:						
1951 ¹	170,873,688	54,284,045	1,673,375	503,071	172,547,063	54,787,116
1952	183,169,072	58,788,221	898,472	256,563	184,067,544	59,044,784
1953	191,600,407	59,090,119	1,602,305	498,229	193,202,712	59,588,348
1954	188,842,663	54,665,743	1,398,834	383,212	190,241,497	55,048,955
1955	189,926,831	54,341,896	2,282,007	541,178	192,208,838	54,883,074
1956	204,354,383	59,828,034	2,021,554	420,042	206,375,937	60,248,076
1957	196,076,422	60,746,290	1,601,335	348,749	197,677,757	61,095,039
1958	199,619,451	62,823,609	1,356,300	225,676	200,975,751	63,049,285
1959	206,069,019	63,389,716	259,000	78,875	206,328,019	63,468,591
1960	211,635,725	65,067,853	..	..	..	..
Biscuits, soda:						
1951 ¹	49,838,582	12,732,633	18,000	6,004	49,856,582	12,738,637
1952	45,844,792	11,502,987	—	—	45,844,792	11,502,987
1953	46,237,875	10,836,611	—	—	46,237,875	10,836,611
1954	46,661,043	11,021,367	—	—	46,661,043	11,021,367
1955	45,385,838	11,710,295	—	—	45,385,838	11,710,295
1956	46,547,047	11,353,856	72,000	18,762	46,619,047	11,372,618
1957	44,912,114	11,402,900	46,000	12,341	44,958,114	11,415,241
1958	2	2	2	2	44,869,871	11,399,843
1959	45,811,908	11,785,634	—	—	45,811,908	11,785,634
1960	47,110,052	12,474,701	..	..	..	..
Ice cream cones:²						
1951 ¹	346,433	1,460,496	35,579	140,588	382,012	1,601,084
1952	388,316	1,569,935	7,696	15,399	396,012	1,585,334
1953	395,659	1,777,631	1,287	2,634	396,946	1,780,265
1954	376,427	1,755,888	999	2,198	377,426	1,758,086
1955	400,558	1,830,338	1,023	2,262	401,581	1,832,600
1956	386,810	1,581,023	2,175	4,890	388,985	1,585,913
1957	349,442	1,768,390	3,238	7,187	352,680	1,775,577
1958	2	2	2	2	351,023	1,836,939
1959	383,403	2,138,970	—	—	383,403	2,138,970
1960	356,378	2,148,550	..	..	..	..
Total value of shipments:⁴						
1951 ¹ .....	...	71,899,578	...	...	...	...
1952 .....	...	75,650,100	...	...	...	...
1953 .....	...	75,515,408	...	...	...	...
1954 .....	...	71,116,613	...	...	...	...
1955 .....	...	71,677,784	...	...	...	...
1956 .....	...	76,610,711	...	...	...	...
1957 .....	...	78,202,784	...	...	...	...
1958 .....	...	80,612,444	...	...	...	...
1959 .....	...	82,662,904	...	...	...	...
1960 .....	...	87,342,810	...	...	...	...

¹ Prior to 1952 information was collected on production basis instead of shipments.

² Confidential; see Total column.

³ Unit of measure for Ice cream cones is thousands of cones, not pounds.

⁴ Difference between total shipments and total of the 3 commodities listed above is "Other products" which includes confectionery, cakes, etc.

Note: For complete data see *General Review of Foods and Beverages, 1960*, when published.

TABLE 4. Imports and Exports of Biscuits, Specified Years 1949-60

Year	Imports				Exports			
	Biscuits, not sweetened		Biscuits sweetened		Biscuits, including matzo products		Bread rolls and buns	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$	lb.	\$
1949	908,143	222,618	2,493,060	955,963	2,334,400	262,813	1	1
1950	1,083,530	275,987	4,640,232	1,755,631	2,587,000	260,876	1	1
1951	1,433,566	453,078	6,242,763	2,490,157	2,824,000	340,472	1	1
1952	1,693,779	507,651	6,463,538	2,378,833	2,709,300	355,189	1	1
1953	2,118,185	658,030	8,825,055	3,202,077	2,483,900	347,581	1	1
1954	2,613,588	771,523	7,454,821	2,762,307	3,258,600	482,277	1	1
1955	2,787,947	852,516	8,731,171	3,283,946	7,138,500	1,036,926	1	1
1956	3,141,679	935,531	8,967,017	3,190,219	12,880,800	2,439,502	1	1
1957	3,130,326	938,743	10,788,814	3,856,825	11,044,800	2,187,588	1	1
1958	3,991,390	1,187,789	12,306,188	4,383,389	11,273,100	2,152,881	1	1
1959	4,159,022	1,292,081	13,572,356	4,893,361	12,190,600	2,596,992	1	1
1960	4,968,727	1,422,838	13,529,361	4,826,748	7,565,754	2,095,846	5,845,700	727,432

¹ Included with "Biscuits including matzo products".

TABLE 5. Inventory Values, 1960

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
	dollars			
Opening inventory: ¹				
Atlantic Provinces	584,162	41,080	59,043	684,285
Quebec	1,579,674	97,802	912,367	2,589,843
Ontario	1,697,882	96,806	1,244,709	3,039,397
Prairie Provinces	229,182	20,514	249,940	499,636
British Columbia	40,880	—	31,204	72,084
Canada	4,131,780	256,202	2,497,263	6,885,245
Closing inventory:				
Atlantic Provinces	475,284	42,037	95,739	613,060
Quebec	1,725,162	114,545	1,022,206	2,861,913
Ontario	1,706,377	85,537	1,208,002	2,999,916
Prairie Provinces	260,858	34,950	177,651	473,459
British Columbia	43,760	—	31,660	75,420
Canada	4,211,441	277,069	2,535,258	7,023,768

¹ The opening inventory for the current year may not agree with the closing inventory published last year, because of transfers, discards, corrections, addition of new firms.

TABLE 6. Principal Statistics of Biscuit Manufacturers grouped according to Value of Shipments 1957 and 1960

Basis: Standard Industrial Classification—revised, 1960

Value of shipments	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Selling value of shipments
	number		dollars			
1957						
Under \$50,000	2	20	42,659	8,896	80,107	175,188
\$ 50,000 to \$ 99,999	2					
100,000 " 499,999	16					
500,000 " 999,999	7					
1,000,000 " 4,999,999	15					
5,000,000 and over	5	2,580	6,504,162	450,128	16,343,627	32,551,427
	5	2,785	7,392,994	482,473	18,302,395	37,976,863
Totals	47	6,367	16,056,008	1,149,185	39,425,697	79,877,462
1960						
Under \$50,000	6	32	63,823	22,096	95,168	233,511
\$ 50,000 to \$ 99,999	1					
100,000 " 499,999	14					
500,000 " 999,999	9					
1,000,000 " 4,999,999	16					
5,000,000 and over	4	2,965	8,994,706	596,218	21,506,298	43,324,721
	4	2,253	6,945,805	316,580	15,474,085	34,220,049
Totals	50	6,069	18,079,044	1,153,217	41,846,105	87,342,810

TABLE 7. Principal Statistics of Biscuit Manufacturers grouped according to the Number of Employees, 1957 and 1960
Basis: Standard Industrial Classification—revised 1960

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number		dollars			
1957						
Under 5 employees	2	} 43	125,351	19,077	209,851	486,274
5 to 14 "	4					
15 " 49 "	15	553	1,173,507	107,792	2,285,011	4,487,260
50 " 99 "	9	655	1,481,146	130,237	4,003,345	8,046,974
100 " 199 "	7	1,091	2,847,454	237,310	7,486,551	15,004,869
200 " 499 "	7	2,092	5,279,199	390,350	13,548,446	25,975,117
500 " 999 "	3	1,933	5,149,351	264,419	11,892,493	25,876,968
Totals	47	6,367	16,056,008	1,149,185	39,425,697	79,877,462
1960						
Under 5 employees	4	10	15,751	4,572	28,843	66,056
5 to 14 "	4	34	97,812	19,174	146,445	339,875
15 " 49 "	14	347	861,289	97,034	1,850,170	3,734,153
50 " 99 "	11	721	1,917,517	162,989	4,722,964	9,647,052
100 " 199 "	7	1,107	3,343,093	261,694	7,857,506	16,918,404
200 " 499 "	8	} 3,850	11,843,582	607,754	27,240,177	56,637,270
500 " 999 "	2					
Totals	50	6,069	18,079,044	1,153,217	41,846,105	87,342,810

TABLE 8. Principal Statistics classified according to Type of Ownership, 1957 and 1960
Basis: Standard Industrial Classification—revised 1960

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost of materials used	Selling value of shipments
	number		dollars			
1957						
Individual	1	} 16	42,567	5,895	84,309	174,446
Partnership	1					
Incorporated	45	6,351	16,013,441	1,143,290	39,341,388	79,703,016
Totals	47	6,367	16,056,008	1,149,185	39,425,697	79,877,462
1960						
Individual	2	} 34	67,695	6,055	146,365	338,342
Partnership	1					
Incorporated	47	6,035	18,011,349	1,147,162	41,699,740	87,004,468
Totals	50	6,069	18,079,044	1,153,217	41,846,105	87,342,810

TABLE 9. Materials Used by Biscuit Manufacturers, 1960¹

Class of materials	Quantity	Cost at works
		\$
Baking powder	54,652	8,123
Bicarbonate of ammonia	397,958	29,791
Butter	538,919	341,884
Cacao beans	444,927	143,659
Carbonate of ammonia	14,130	1,877
Cheese	341,745	176,789
Chocolate, dark	2,667,332	1,017,677
Chocolate, light	1,019,548	393,008
Cocoa powder	2,128,183	586,021
Cocoa and chocolate preparations n.o.p.	140,116	42,955
Cocoa butter	327,545	207,914
Cocoa butter substitute	1,091,321	262,836
Cocoanut, shredded	3,029,537	627,573

¹ Detail shown relates only to firms with value of shipments over \$500,000. Detail for small firms included in "All other materials".

TABLE 9. Materials Used by Biscuit Manufacturers, 1960¹ - Concluded

Class of materials	Quantity	Cost at works
		\$
Cooking oils:		
(a) Corn	—	—
(b) Coconut	lb. 4,923,253	1,059,131
(c) Cottonseed	" 620	139
(d) Other cooking	" 1,917,643	438,863
(e) Soya bean	—	—
Cream, powdered	—	—
Cream of tartar and substitutes	lb. 61,471	14,033
Eggs, in shell	doz. 7,668	3,405
Eggs, liquid, not frozen	—	—
Eggs, frozen	lb. 727,921	207,972
Egg powder	" 132,406	153,988
Extracts, essences, etc. ....	...	438,265
Flour:		
(a) Hard wheat (bread flour)	cwt. 198,324	888,999
(b) Soft wheat (cake flour)	" 1,354,425	6,158,174
(c) Soya	" 40,920	5,574
Fruits:		
(a) Dried fruits, all kinds	lb. 3,349,863	526,453
(b) Fresh	" 1,134,320	55,105
(c) Jams, jellies and marmalades	" 812,052	114,342
(d) Preserved and canned, other	" 437,723	74,647
Gelatine	" 211,662	139,601
Glucose	" 6,109,538	431,211
Honey	" 346,384	51,739
Lard	" 12,158,950	1,464,491
Lecithin	" 115,428	20,863
Malt flour	" 392,337	31,640
Malt extract and syrups	" 513,437	56,614
Margarine	" 6,837	1,499
Milk, condensed	" 315,128	45,245
Milk, fresh including skim	—	—
Milk, powdered	lb. 1,996,919	219,404
Molasses	" 1,864,497	111,228
Nuts:		
(a) Walnuts, almonds, pecans, etc., shelled and unshelled	" 279,794	168,137
(b) Peanuts, green and roasted	" 1,082,787	172,984
Salt	" 2,578,901	41,341
Shortening	" 18,341,648	3,414,771
Sodium bicarbonate	" 1,133,682	44,288
Spices	" 65,329	27,209
Starch:		
(a) Corn	" 739,449	57,215
(b) Potato	" 71,900	10,914
(c) Moulding	" 2,485	176
Sugar:		
(a) Cane and beet	" 58,824,461	4,312,144
(b) Corn and dextrose	" 167,899	17,889
(c) Invert	" 4,486,243	291,396
Syrups	gal. 16,740	22,230
Yeast	lb. 94,756	18,735
Packing materials:		
(a) Waxed wrappers .....	...	876,220
(b) Cartons and shipping containers .....	...	4,218,845
(c) Cardboard cake and candy boxes .....	...	2,009,831
(d) Cellulose film .....	...	2,938,877
(e) Other coverings and containers .....	...	2,447,646
All other materials including chemicals .....	...	3,262,149
Amount paid out to others for work done on materials owned by this plant .....	...	12,322
Operating, maintenance and repair supplies .....	...	927,994
Totals² .....	...	41,846,105

² Office supplies used which amounted to \$152,644 are not included in the total.

TABLE 10. Employees, and their Earnings by Provinces, 1959 and 1960

Basis: Standard Industrial Classification - revised, 1960

	Average				Total	Salaries and wages		
	Supervisory and office employees		Production workers			Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1959								
Newfoundland	25	21	145	236	427	182,961	856,753	1,039,714
Nova Scotia								
New Brunswick	204	100	1,213	1,348	2,865	1,530,461	6,280,921	7,811,382
Quebec								
Ontario	193	110	677	1,255	2,235	1,367,441	5,500,193	6,667,634
Manitoba								
Saskatchewan	46	25	159	228	458	335,002	1,064,190	1,399,192
Alberta								
British Columbia	8	2	21	22	53	42,895	122,965	165,860
Canada	476	258	2,215	3,089	6,038	3,458,760	13,825,022	17,283,782
1960								
Newfoundland	26	20	148	215	409	199,752	821,039	1,020,791
Nova Scotia								
New Brunswick	209	100	1,213	1,304	2,826	1,734,247	6,362,388	8,096,635
Quebec								
Ontario	219	121	707	1,297	2,344	1,597,529	5,789,545	7,387,074
Manitoba								
Saskatchewan	47	24	254	213	438	355,679	1,053,095	1,408,774
Alberta								
British Columbia	8	2	21	21	52	42,010	123,760	165,770
Canada	509	267	2,243	3,050	6,069	3,929,217	14,149,827	18,079,044

TABLE 11. Production Workers by Months, 1960¹

	Male	Female
January	2,158	2,764
February	2,106	2,851
March	2,159	2,876
April	2,160	3,024
May	2,231	3,158
June	2,329	3,293
July	2,261	3,264
August	2,376	3,304
September	2,421	3,203
October	2,334	3,208
November	2,231	2,975
December	2,157	2,664
Monthly averages	2,243	3,050

¹ The number of production workers, by months, was collected only for establishments, generally reporting value of shipments of \$500,000 and over. For establishments generally reporting value of shipments of less than \$500,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers. This estimated number of workers was then included in each month's total.

TABLE 12. Consumption of Fuel and Electricity, 1960

Kind	Quantity	Cost at plant
		\$
Establishments reporting commodity detail:¹		
Bituminous coal (a) From Canadian mines	ton 3,907	46,675
(b) Imported	" 3,583	40,488
Sub-bituminous coal (from Alberta mines only)	" -	-
Anthracite coal	ton 1,143	25,609
Lignite coal	" 3,604	20,233
Coke	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 302,614	116,644
Fuel oil including kerosene or coal oil	" 1,755,579	183,937
Wood	-	-
Gas (a) Liquefied petroleum gases	Imp. gal. 601,946	75,196
(b) Other manufactured gas	-	-
(c) Natural gas	M cu. ft. 327,516	284,350
Electricity purchased	kwh. 23,337,856	247,860
Steam purchased	-	-
Estimate for establishments for which no data were collected:²		
Cost of fuel and electricity .....	...	112,225
All establishments:		
Total cost of fuel and electricity .....	...	1,153,217

¹ Establishments generally reporting value of shipments of \$500,000 and over.
² Establishments generally reporting value of shipments of less than \$500,000.



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List of Biscuit Manufacturers, 1960

B - Biscuits C - Confectionery CA - Cake I - Ice cream cones O - Other products

Name of firm	Head office address	Main products
Newfoundland:		
Browning Harvey Limited	Water St. East, St. John's	B, O
Browning Harvey Limited	Water St. West, St. John's	B, O
Purity Factories Limited	Blackmarsh Rd., St. John's	B, C, O
Nova Scotia:		
G.J. Hamilton & Sons, Limited	Commercial St., Pictou	B
New Brunswick:		
Marven's Limited	81 King St., Moncton	B, CA, O
Brown-Holder Biscuits Limited	Botsford St., Moncton	B
Veribest Products Ltd.	Tannery St., Moncton	I
Quebec:		
Biscuits Deluxe Brands Ltée	11 Blvd., Labelle, Ste-Thérèse	B
Biscuits Montmagny Inc.	CP 550, rue Frontenac, Montmagny	B
Charbonneau Limitée	1800, rue Nicolet, Montréal	B, C, O
Christie Brown and Company Limited	3055 Viau St., Montréal	B
Compagnie de Biscuits Stuart Limited	235 ouest, avenue Laurier, Montréal	B, CA, O
David and Frère, Limitée	1930 Champlain St., Montréal	B, C, O
Frs. Leclerc, Ent.	585, rue St-Vallier, E., Québec	B
Les Biscuits Dion Inc.	700-2e rue, Limoilou, Québec	B
Ernest Harnois & Fils Limitée	285, rue St. Charles-Borromée, nord, Joliette	B
O. Gauthier Limitée	1960, rue Parthenais, Montréal	O
The Grissol Bread Specialities Ltd.	5332-12e Ave., Rosemont, Montréal	B, O
N. Laurin & Fils Limitée	284 Richard, Joliette	B
Lido Biscuit Cie, Ltée	2190 Papineau Ave., Montréal	B
Opera Biscuits Ltée	Ste-Emélie de l'Energie	B
Venezia Biscuits Co. Ltd.	332 Chabanel St. Montreal	B
Viau Limitée	4945 Est, rue Ontario, Montréal	B
George Weston Limited	Ville Jacques Cartier	B
Ontario:		
Christie Brown and Company Limited	200 Lakeshore Rd., Toronto	B, I
Dad's Cookie Company Limited	940 Pape Avenue, Toronto	B
Dare Foods Limited	2481 King St. E., Kitchener	B
Manning Biscuit Co. of Canada Ltd.	45 Torbarrie Rd., Downsview	P
McCormicks Limited	1156 Dundas St., E., London	B
McCormicks Limited	92 Dundas St., London	I, O
Mother Dell's Bakeries Ltd.	123 Wendell Ave. Weston	B
Peek Frean (Canada) Ltd.	1200 O'Conner Drive, Toronto	B
Primo Biscuit Co.	56 Manser Rd., Toronto	B, O
Raymond's Nut Shops Ltd.	33 Queen St., S., Kitchener	B, O
Robinson Industries Limited	145 McNab St. N., Hamilton	I, O
Veribest Products Limited	65 Shaw St., Hamilton	I
The Walker Bakeries Limited	40 Church St., Brockville	B
George Weston Limited	134 Peter St., Toronto	B, CA, C, O
Windsor Wafers Limited	101 Broadway St., Hamilton	B
Manitoba:		
Christie Brown & Company Limited	1155 Notre Dame Ave., Winnipeg	B, I
Luxury Cone Company	Osborne and Gertrude Ave., Winnipeg	I
Pat's Cookies Ltd.	618 Arlington St., Winnipeg	B
Paulin Chambers Co. Ltd.	311 Ross Ave., Winnipeg	B
Saskatchewan:		
Dad's Cookies Limited	2810 Dewdney Ave., Regina	B
Alberta:		
Dad's Cookies Limited	1317-9th Ave., E., Calgary	B
Sunland Industries Co. Ltd.	9543-110th Ave., Edmonton	B
George Weston Limited	11620-120th St., Edmonton	B, C
British Columbia:		
Bader's Dutch Bakeries Ltd.	3642 Commercial Drive, Vancouver	B
Dad's Cookie Co., (B.C.) Limited	466-68 Kingsway, Vancouver	B
Ormond's Limited	242 Mary Street, Victoria	B