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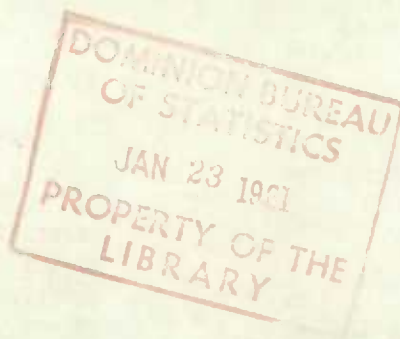
ANNUAL



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# THE BISCUIT INDUSTRY

1959



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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>				<b>Meat Products</b>			
32-001	Monthly Production of Carbonated Beverages .....	.10	1.00	32-012	Stocks of Meat and Lard (Monthly)....	.30	3.00
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32-206	Distilling Industry .....	.50		32-221	Slaughtering and Meat Packing Industries .....	.50	
32-207	Wine Industry .....	.25		<b>Other Food Industries</b>			
32-208	Carbonated Beverages Industry .....	.50		32-005	Margarine Statistics (Monthly) .....	.10	1.00
<b>Canning and Preserving</b>				32-006	Oils and Fats (Monthly).....	.10	1.00
22-003	Fruit and Vegetable Crop Reports (Seasonal) .....	.20	1.00	32-007	Quarterly Report on Processed Foods .....	.50	2.00
24-001	Fish Freezings and Stocks (Monthly) .....	.20	2.00	32-013	Sugar Situation (Monthly).....	.10	1.00
24-002	Monthly Review of Canadian Fisheries Statistics .....	.30	3.00	32-213	Confectionery Industry .....	.50	
24-201	Fisheries Statistics of Canada .....	.75		32-219	Macaroni and Kindred Products Industry .....	.25	
32-010	Stocks of Fruit and Vegetables (Monthly) .....	.20	2.00	32-222	Sugar Refining Industry .....	.50	
32-011	Quarterly Stocks of Canned Fruits and Vegetables on Hand .....	.50	2.00	32-223	Vegetable Oils Industry .....	.50	
32-211	Canned Foods Summary .....	.50		32-224	Miscellaneous Food Preparations Industry .....	.50	
32-212	Canned and Frozen Processed Foods .....	.25		<b>Tobacco and Tobacco Products</b>			
32-216	Fish Processing Industry .....	.50		22-205	Leaf Tobacco Production and Value .....	.25	
32-217	Stocks of Food Commodities in Cold Storage and Other Warehouses .....	.50		32-014	Quarterly Stocks and Consumption of Unmanufactured Tobacco.....	.50	2.00
32-218	Fruit and Vegetables Préparations Industry .....	.50		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 1959 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 1959 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**

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.

<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*.

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.

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.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.



# THE BISCUIT INDUSTRY

1959

The Biscuit Industry 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 1959 44 such establishments were active, one more than the 43 plants reporting in 1958. The large proportion of specialized Biscuits and Ice Cream Cones are manufactured in this industry but there is a small volume manufactured by plants classified (Standard Classification of Industry) in other Food Industries. For data on total commodities shipped see Table 3.

The 44 establishments in 1959 were located as follows: Newfoundland, 3; Nova Scotia, 1; New Brunswick, 3; Quebec, 15; Ontario, 12; Manitoba, 4; Saskatchewan, 1; Alberta, 2, and British Columbia, 3. It should be noted that statistics for Newfoundland have been included in all tables since 1949.

The gross value of shipments for the year 1959 amounted to \$82,682,904 an increase of 2.6 p.c. from \$80,612,444 in 1958. The industry em-

ployed 5,897 persons and paid them \$16,917,293 in salaries and wages. The cost of raw materials used in production during the same period amounted to \$39,164,213. Employment dropped slightly below 1958 but salaries and wages were up by 5.8 p.c. and cost of materials used by 3.2 p.c. Value added by manufacture increased 2.4 p.c. as shown in the Table below.

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 statistical table for the period 1951-59 inclusive illustrates the procedure used in determining "Value added".

On the following page, principal statistics of the Industry for representative years from 1933-59 are shown in Table 1. In Table 2, principal statistics by Province are given for the years 1958 and 1959.

Table 3 presents a breakdown of shipments of biscuits and cones by the Industry and by other industries for the ten years 1950-59 inclusive.

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> .....	..	..	71,900	34,864	827	36,209
1952 .....	75,650	..	..	35,254	862	39,535
1953 .....	75,515	..	..	34,603	1,041	39,871
1954 .....	71,117	+ 63	71,180	34,299	1,096	35,785
1955 .....	71,678	-357	71,321	34,000	1,008	36,312
1956 .....	76,611	- 52	76,558	37,226	1,087	38,245
1957 .....	78,203	-117	78,085	38,804	1,129	38,152
1958 .....	80,612	- 18	80,594	38,011	1,078	41,505
1959 .....	82,683	+106	82,789	39,164	1,085	42,540

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

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

.. Figures not available.

TABLE 1. Principal Statistics of the Biscuit Industry Significant Years, 1933-59<sup>1</sup>

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at works of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments <sup>3</sup>
	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
1944 .....	37	5,919	7,118,943	—	14,366,955	18,664,519	33,031,474
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 .....	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

<sup>1</sup> Newfoundland included in 1949 and subsequent years.<sup>2</sup> See text.<sup>3</sup> Beginning in 1952, gross value of production is replaced by gross value of shipments from plant. (See text).

TABLE 2. Principal Statistics of the Biscuit Industry by Provinces 1958 and 1959

	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				
1958							
Canada .....	43	5,914	15,986,092	1,078,498	38,010,904	41,505,215	80,612,444
Newfoundland .....	3	440	1,007,679	89,015	2,327,961	1,987,687	4,412,497
Nova Scotia .....	1						
New Brunswick .....	3						
Quebec .....	15	2,768	6,992,451	505,633	17,240,616	17,561,651	35,298,175
Ontario .....	12	2,220	6,530,458	383,558	14,755,659	18,255,722	33,382,096
Manitoba .....	3	434	1,293,786	84,447	3,292,816	3,262,988	6,675,558
Saskatchewan .....	1						
Alberta .....	2						
British Columbia .....	3	52	161,718	15,845	393,852	437,167	844,118
1959							
Canada .....	44	5,897	16,917,293	1,084,527	39,164,213	42,539,899	82,682,904
Newfoundland .....	3	427	1,039,714	81,384	2,379,086	2,237,368	4,694,737
Nova Scotia .....	1						
New Brunswick .....	3						
Quebec .....	15	2,815	7,673,035	509,477	17,647,261	17,607,988	35,717,097
Ontario .....	12	2,144	6,639,492	381,203	15,189,830	18,194,015	33,786,849
Manitoba .....	4	458	1,399,192	96,333	3,542,307	4,057,188	7,619,328
Saskatchewan .....	1						
Alberta .....	2						
British Columbia .....	3	53	165,860	16,130	405,729	443,340	864,893

TABLE 3. Shipments of Biscuits and Cones in All Industries 1950-59

	Biscuit industry		Other industries		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$
<b>Biscuits, plain and fancy:</b>						
1950 <sup>1</sup> .....	163,430,783	49,624,170	1,324,800	438,764	164,755,583	50,062,934
1951 <sup>1</sup> .....	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	..	..	..	..
<b>Biscuits, soda:</b>						
1950 <sup>1</sup> .....	41,626,809	11,107,226	-	-	41,626,809	11,107,226
1951 <sup>1</sup> .....	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.....	2	2	..	..	..	..
<b>Ice cream cones:<sup>3</sup></b>						
1950 <sup>1</sup> .....	340,800	1,143,452	38,741	198,992	379,541	1,342,444
1951 <sup>1</sup> .....	346,433	1,460,496	35,579	140,568	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	1,830,336	1,023	2,262	401,581	1,832,600
1956.....	386,810	1,581,023	2,175	4,690	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.....	2	2	..	..	..	..
<b>Total value of shipments:<sup>4</sup></b>						
1950 <sup>1</sup> .....	...	64,934,603	...	...	...	...
1951 <sup>1</sup> .....	...	71,699,578	...	...	...	...
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.....	...	82,682,904	...	...	...	...

<sup>1</sup> Prior to 1952 information was collected on production basis rather than shipments.

<sup>2</sup> Confidential; see Total column.

<sup>3</sup> Unit of measure for Ice Cream Cones is thousands of cones, not pounds.

<sup>4</sup> Difference between total shipments and total of the 3 commodities listed above is "Other Products" which includes confectionery, cakes, etc.

... Figures not available.

... Figures not appropriate or not applicable.

Note: For complete data see "General Review of Foods and Beverages, 1959," when published.



FOODS AND BEVERAGES

TABLE 4. Imports and Exports of Biscuits, Specified Years 1933-59

Year	Imports								Exports	
	Biscuits, not sweetened		Biscuits sweetened		Biscuits, sweetened or not		Biscuits, 20 cents or over		Biscuits and bread	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$
1933	1,477,798	154,658	260,018	61,044	—	—	—	—	1,180,700	91,715
1937	1,746,967	149,100	119,328	17,560	658,852	222,654	—	—	4,036,800	294,475
1939	1,914,952	168,982	284,033	26,987	585,917	183,999	—	—	2,846,800	227,997
1944	74,469	9,562	127,840	18,912	—	—	—	—	3,830,800	721,039
1945	751,962	98,563	233,626	40,709	—	—	—	—	5,270,400	973,171
1946	2,825,046	375,017	973,141	243,492	—	—	176,511	55,675	3,156,100	286,082
1949	908,143	222,618	2,493,060	955,963	—	—	—	—	2,334,400	262,813
1950	1,083,530	275,987	4,640,232	1,755,631	—	—	—	—	2,587,000	260,876
1951	1,433,566	453,078	6,242,763	2,490,157	—	—	—	—	2,824,000	340,472
1952	1,693,779	507,651	6,463,538	3,378,833	—	—	—	—	2,709,300	355,189
1953	2,118,185	658,030	8,825,055	3,202,077	—	—	—	—	2,483,900	347,581
1954	2,613,588	771,523	7,454,821	2,762,307	—	—	—	—	3,258,600	482,277
1955	2,787,947	852,516	8,731,171	3,283,946	—	—	—	—	7,138,500	1,036,926
1956	3,141,679	935,531	8,967,017	3,190,219	—	—	—	—	12,880,800	2,439,502
1957	3,130,326	938,743	10,788,814	3,856,825	—	—	—	—	11,044,800	2,187,588
1958	3,991,390	1,187,789	12,306,188	4,383,389	—	—	—	—	11,273,100	2,152,881
1959	4,159,022	1,292,081	13,572,356	4,893,361	—	—	—	—	12,190,600	2,596,992

TABLE 5. Inventory Values, 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
	dollars			
Opening inventory: <sup>1</sup>				
Atlantic Provinces	529,436	39,983	58,709	628,128
Quebec	1,562,600	115,115	768,719	2,446,434
Ontario	1,588,399	69,721	1,215,195	2,873,315
Prairie Provinces	226,700	15,796	178,158	420,654
British Columbia	42,413	—	30,898	73,311
Canada	3,949,548	240,615	2,251,679	6,441,842
Closing inventory:				
Atlantic Provinces	567,364	41,080	60,713	669,157
Quebec	1,558,907	98,151	833,312	2,490,370
Ontario	1,578,065	96,806	1,166,309	2,841,180
Prairie Provinces	229,182	20,514	249,940	499,636
British Columbia	40,880	—	31,204	72,084
Canada	3,974,398	256,551	2,341,478	6,572,427

<sup>1</sup> The opening inventory for the current year may not agree with the closing inventory published last year, because of transfers, discards, correction or addition of new firms. The "value added" figures in Table 1, need not be altered because of these changes.

TABLE 6. Principal Statistics of the Biscuit Industry grouped according to Value of Shipments 1958 and 1959

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			
1958						
Under \$50,000	3	21	41,837	8,476	75,419	152,213
\$ 50,000 to \$ 99,999	1					
100,000 " 499,999	15					
500,000 " 999,999	6					
1,000,000 " 4,999,999	13					
5,000,000 and over	5	2,312	6,420,740	432,819	15,898,528	32,359,224
Totals	43	5,914	15,986,092	1,078,498	38,010,904	80,612,444
1959						
Under \$50,000	5	21	39,500	10,058	65,242	149,585
\$ 50,000 to \$ 99,999	7					
100,000 " 499,999	7					
500,000 " 999,999	6					
1,000,000 " 4,999,999	14					
5,000,000 and over	5	2,503	7,195,599	462,483	17,097,096	35,753,820
Totals	44	5,897	16,917,293	1,084,527	39,164,213	82,682,904



TABLE 7. Principal Statistics of the Biscuit Industry grouped according to the Number of Employees, 1958 and 1959

	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			
1958						
Under 5 employees .....	2	45	149,315	16,148	251,423	585,780
5 to 14 " " .....	4					
15 " 49 " " .....	13	429	964,022	108,092	2,116,128	4,056,572
50 " 99 " " .....	7	492	1,144,217	90,752	2,589,054	5,311,346
100 " 199 " " .....	7	1,008	2,824,339	245,626	7,649,907	16,269,836
200 " 499 " " .....	6	1,544	4,258,860	295,188	10,462,547	20,146,740
500 " 999 " " .....	4	2,396	6,645,339	322,692	14,941,845	34,242,170
<b>Totals .....</b>	<b>43</b>	<b>5,914</b>	<b>15,986,092</b>	<b>1,078,498</b>	<b>38,010,904</b>	<b>80,612,444</b>
1959						
Under 5 employees .....	4	33	89,440	11,716	145,682	322,683
5 to 14 " " .....	2					
15 " 49 " " .....	13	356	869,981	91,326	1,723,487	3,472,107
50 " 99 " " .....	8	546	1,366,083	111,530	3,302,180	6,458,611
100 " 199 " " .....	7	1,105	3,146,487	250,054	8,032,801	17,742,043
200 " 499 " " .....	7	1,970	5,898,260	371,268	14,359,430	27,993,947
500 " 999 " " .....	3	1,887	5,547,042	248,633	11,600,633	26,693,513
<b>Totals .....</b>	<b>44</b>	<b>5,897</b>	<b>16,917,293</b>	<b>1,084,527</b>	<b>39,164,213</b>	<b>82,682,904</b>

TABLE 8. Principal Statistics classified according to Type of Ownership, 1958 and 1959

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			
1958						
Individual .....	1	5,914	15,986,092	1,078,498	38,010,904	80,612,444
Partnership .....	—					
Incorporated .....	42					
<b>Totals .....</b>	<b>43</b>	<b>5,914</b>	<b>15,986,092</b>	<b>1,078,498</b>	<b>38,010,904</b>	<b>80,612,444</b>
1959						
Individual .....	1	5,897	16,917,293	1,084,527	39,164,213	82,682,904
Partnership .....	—					
Incorporated .....	43					
<b>Totals .....</b>	<b>44</b>	<b>5,897</b>	<b>16,917,293</b>	<b>1,084,527</b>	<b>39,164,213</b>	<b>82,682,904</b>

TABLE 9. Capital and Repair Expenditures, 1950-59  
(Compiled by Business Finance Division)

Year	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									
1950 .....	1,640	2,291	3,931	211	782	993	1,851	3,073	4,924
1951 .....	523	1,465	1,988	140	843	983	663	2,308	2,971
1952 .....	541	1,054	1,595	294	948	1,242	835	2,002	2,637
1953 .....	1,440	1,962	3,402	271	1,153	1,424	1,711	3,115	4,826
1954 .....	1,485	2,439	3,924	319	1,159	1,478	1,804	3,598	5,402
1955 .....	3,175	1,757	4,932	249	1,205	1,454	3,424	2,962	6,386
1956 .....	744	3,026	3,770	266	1,198	1,464	1,010	4,224	5,234
1957 .....	461	1,872	2,333	260	1,280	1,540	721	3,152	3,873
1958 .....	540	1,868	2,408	302	1,250	1,552	842	3,118	3,960
1959 <sup>a</sup> .....	1,197	1,234	2,431	276	933	1,209	1,473	2,167	3,640

<sup>a</sup> Preliminary figures.

TABLE 10. Materials Used in the Biscuit Industry 1958 and 1959<sup>1</sup>

Class of materials	1958		1959	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Baking powder..... lb.	50,441	7,435	48,292	7,227
Bicarbonate of ammonia..... "	347,134	25,776	368,868	26,266
Butter..... "	472,378	297,735	487,645	309,339
Cacao beans..... "	410,966	153,595	603,062	233,600
Carbonate of ammonia..... "	43,344	6,171	42,170	5,689
Cheese..... "	244,488	92,203	254,981	93,411
Chocolate, dark..... "	2,612,805	1,253,272	2,130,256	991,744
Chocolate, light..... "	917,683	445,388	961,806	425,753
Cocoa powder..... "	1,996,169	522,463	2,029,273	582,878
Cocoa and chocolate preparations n.o.p..... "	190,205	78,132	154,749	54,572
Cocoa butter..... "	263,998	212,422	399,566	294,812
Cocoa butter substitute..... "	1,069,624	226,656	1,050,086	255,497
Coconut, shredded..... "	3,399,448	612,684	3,142,607	640,483
Cooking oils:				
(a) Corn..... "	—	—	—	—
(b) Coconut..... lb.	4,766,802	942,582	4,958,235	1,147,038
(c) Cottonseed..... "	2,859	823	1,611	366
(d) Other cooking..... "	1,768,030	347,443	985,363	220,994
(e) Soya bean..... "	840	168	—	—
Cream, powdered..... "	—	—	—	—
Cream of tartar and substitutes..... lb.	47,453	11,382	55,723	12,337
Eggs, in shell..... doz.	8,374	3,507	10,433	4,160
Eggs, liquid, not frozen..... lb.	1,295	410	—	—
Eggs, frozen..... "	607,371	174,337	663,467	183,740
Egg powder..... "	104,315	120,124	114,204	129,203
Extracts, essences, etc..... "	...	334,139	...	415,135
Flour:				
(a) Hard wheat (bread flour)..... cwt.	203,884	877,617	176,429	752,413
(b) Soft wheat (cake flour)..... "	1,310,011	5,229,892	1,312,339	5,622,719
(c) Soya..... "	31,191	4,783	38,370	5,284
Fruits:				
(a) Dried fruits, all kinds..... lb.	3,643,897	555,346	3,483,675	575,439
(b) Fresh..... "	518,022	25,306	620,783	30,753
(c) Jams, jellies and marmalades..... "	679,766	115,309	807,428	106,738
(d) Preserved and canned, other..... "	1,066,157	96,135	1,059,903	149,513
Gelatine..... "	204,552	137,163	166,556	113,175
Glucose..... "	5,878,829	418,492	5,683,513	404,505
Honey..... "	276,450	42,730	280,785	42,693
Lard..... "	9,654,833	1,435,274	10,642,505	1,118,921
Lecithin..... "	99,873	18,534	103,094	18,585
Malt flour..... "	273,511	25,281	337,144	27,319
Malt extract and syrups..... "	522,495	58,607	501,618	54,599
Margarine..... "	35,536	8,810	4,875	1,054
Milk, condensed..... "	391,347	55,886	378,457	53,748
Milk, fresh including skim..... gal.	—	—	1,444	1,152
Milk, powdered..... lb.	1,735,117	273,304	1,848,007	236,290
Molasses..... "	1,919,303	135,135	2,664,179	124,110
Nuts:				
(a) Walnuts, almonds, pecans, etc., shelled..... "	153,519	107,670	105,732	72,395
(b) Peanuts, green and toasted..... "	218,231	40,671	250,149	41,123
Salt..... "	2,573,781	43,201	2,244,499	42,319
Shortening..... "	19,149,793	3,956,920	19,270,569	3,619,461
Sodium bicarbonate..... "	1,093,575	44,420	1,098,054	42,940
Spices..... "	66,757	36,985	57,407	30,852
Starch:				
(a) Corn..... "	662,283	51,151	726,847	56,043
(b) Potato..... "	64,100	10,095	72,100	10,507
(c) Moulding..... "	2,900	437	2,000	149
Sugar:				
(a) Cane and beet..... "	58,307,933	4,686,574	57,185,747	4,025,849
(b) Corn and dextrose..... "	267,311	29,572	208,368	22,054
(c) Invert..... "	3,220,911	221,643	3,831,141	235,783
Syrups..... gal.	15,679	23,500	8,370	15,722
Yeast..... lb.	67,325	13,195	66,179	12,004
Packing materials:				
(a) Waxed wrappers..... "	...	901,903	...	885,199
(b) Cartons and shipping containers..... "	...	4,618,313	...	4,151,035
(c) Cardboard cake and candy boxes..... "	...	1,084,164	...	1,642,441
(d) Cellulose film..... "	...	2,464,073	...	2,599,791
(e) Other coverings and containers..... "	...	2,275,717	...	2,338,418
All other materials including chemicals..... "	...	1,155,367	...	2,968,939
Amount paid out to others for work done on materials owned by this plant..... "	...	1,181	...	19,135
Operating, maintenance and repair supplies..... "	...	861,701	...	858,800
<b>Totals<sup>2</sup></b> ..... "	...	<b>38,010,904</b>	...	<b>39,164,213</b>

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

<sup>2</sup> Office supplies used which amounted to \$150,373 in 1958 and \$130,139 in 1959 are not included in the total.

... Figures not appropriate or not applicable.



TABLE 11. Employees, and their Earnings by Provinces, 1958 and 1959

	Average					Salaries and wages		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
<b>1958</b>								
Newfoundland .....								
Nova Scotia .....	29	23	128	260	440	152,673	855,006	1,007,679
New Brunswick .....								
Quebec .....	199	98	1,160	1,311	2,768	1,265,494	5,726,957	6,992,451
Ontario .....	164	113	691	1,252	2,220	1,268,650	5,261,808	6,530,458
Manitoba .....	48	27	150	209	434	332,072	961,714	1,293,786
Saskatchewan .....								
Alberta .....	8	2	21	21	52	40,998	120,720	161,718
British Columbia .....								
<b>Canada</b> .....	<b>448</b>	<b>263</b>	<b>2,150</b>	<b>3,053</b>	<b>5,914</b>	<b>3,059,887</b>	<b>12,926,205</b>	<b>15,986,092</b>
<b>1959</b>								
Newfoundland .....								
Nova Scotia .....	25	21	145	236	427	182,961	856,753	1,039,714
New Brunswick .....								
Quebec .....	201	97	1,191	1,326	2,815	1,495,922	6,177,113	7,673,035
Ontario .....	175	106	654	1,209	2,144	1,291,324	5,348,168	6,639,492
Manitoba .....	46	25	159	228	458	335,002	1,064,190	1,399,192
Saskatchewan .....								
Alberta .....	8	2	21	22	53	42,895	122,965	165,860
British Columbia .....								
<b>Canada</b> .....	<b>455</b>	<b>251</b>	<b>2,170</b>	<b>3,021</b>	<b>5,897</b>	<b>3,348,104</b>	<b>13,569,189</b>	<b>16,917,293</b>

TABLE 12. Production Workers by Months, 1959

	Establishments reporting monthly detail <sup>1</sup>	
	Male	Female
January .....	2,004	2,608
February .....	1,999	2,641
March .....	1,959	2,707
April .....	1,964	2,634
May .....	2,000	2,731
June .....	2,123	3,063
July .....	2,104	2,959
August .....	2,068	2,960
September .....	2,089	2,965
October .....	2,112	3,095
November .....	2,066	2,836
December .....	1,951	2,390
<b>Average for establishments reporting monthly detail</b> .....	<b>2,040</b>	<b>2,804</b>
<b>Average estimated for small establishments<sup>2</sup></b> .....	<b>130</b>	<b>217</b>
<b>Average for all establishments</b> .....	<b>2,170</b>	<b>3,021</b>

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

<sup>2</sup> 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.

TABLE 13. Consumption of Fuel and Electricity, 1959

Kind	Quantity	Cost at plant
		\$
<b>Establishments reporting commodity detail:<sup>1</sup></b>		
Bituminous coal (a) From Canadian mines .....	ton 4,501	55,004
(b) Imported .....	" 3,665	41,609
Sub-bituminous coal (from Alberta mines only) .....	" —	—
Anthracite coal .....	ton 1,219	26,344
Lignite coal .....	" 3,791	21,244
Coke .....	—	—
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 284,914	112,179
Fuel oil including kerosene or coal oil .....	" 1,649,778	173,798
Wood .....	—	—
Gas (a) Liquefied petroleum gases .....	imp. gal. 685,755	86,254
(b) Other manufactured gas .....	—	—
(c) Natural gas .....	M cu. ft. 249,449	251,555
Electricity purchased .....	kwh. 21,398,486	216,639
Steam purchased .....	—	—
<b>Estimate for establishments for which no data were collected:<sup>2</sup></b>		
Cost of fuel and electricity .....	—	99,901
<b>All establishments:</b>		
Total cost of fuel and electricity .....	—	1,084,527

<sup>1</sup> Establishments generally reporting value of shipments of \$500,000 and over.

<sup>2</sup> Establishments generally reporting value of shipments of less than \$500,000.



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List of Firms in the Biscuit Industry, 1959

B - Biscuits	C - Confectionery	CA - Cake	I - Ice cream cones
Name of firm		Head office address	Main products
<b>Newfoundland:</b>			
Browning Harvey Limited .....		Water St. East, St. John's .....	B
Browning Harvey Limited .....		Water St. West St. John's .....	B
Purity Factories Limited .....		Blackmarsh Rd., St. John's .....	B, C.
<b>Nova Scotia:</b>			
G.J. Hamilton & Sons, Limited .....		Commercial Street, Pictou .....	B
<b>New Brunswick:</b>			
Marven's Limited .....		81 King St., Moncton .....	B, CA
Brown-Holder Biscuits Limited .....		Botsford St., Moncton .....	B
Veribest Products Ltd. ....		Tannery St., Moncton .....	I
<b>Quebec:</b>			
Albert's Food Products .....		7 Blvd., Labelle, Ste. Thérèse .....	B
Biscuits Montmagny Inc. ....		CP 550, rue, Frontenac, Montmagny .....	B
Charbonneau Limitée .....		1800, rue Nicolet, Montreal .....	B, C
Christie Brown and Company Limited .....		3055 Viau St., Montreal .....	B
Compagnie de Biscuits Stuart Limited .....		235 ouest, avenue Laurier, Montréal .....	B, CA
David and Frère, Limitée .....		1930 Champlain Street, Montréal .....	B, C
Frs. Leclerc, Enr. ....		585 rue St-Vallier, E., Québec .....	B, C
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 .....	I
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
Viau Limitée .....		4945 Est, rue Ontario, Montréal .....	B
George Weston Limited .....		Ville Jacques Cartier .....	B
<b>Ontario:</b>			
Christie Brown and Company Limited .....		200 Lakeshore Rd., Toronto .....	B, I
Dad's Cookie Company Limited .....		940 Pape Avenue, Toronto .....	B
Dare Company, The, Limited .....		2481 King St. E., Kitchener .....	B
Imperial Cone Co. ....		92 Dundas St., London .....	I
Manning Biscuit Co. of Canada Ltd. ....		45 Torbarrie Rd., Downsview .....	B
McCormicks Limited .....		1156 Dundas St., E., London .....	B
Peek Frean (Canada) Ltd. ....		1200 O'Connor Drive, Toronto .....	B
Robinson Industries Limited .....		145 McNab Street N., Hamilton .....	I
Veribest Products Limited .....		65 Shaw St., Hamilton .....	I
The Walker Bakeries Limited .....		40 Church Street, Brockville .....	B
George Weston Limited .....		134 Peter Street, Toronto .....	B, CA, C
Windsor Wafers Limited .....		101 Broadway Street, Hamilton .....	B
<b>Manitoba:</b>			
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
<b>Saskatchewan:</b>			
Dad's Cookies Limited .....		2810 Dewdney Ave., Regina .....	B
<b>Alberta:</b>			
Dad's Cookies Limited .....		1317-9th Ave., E., Calgary .....	B
George Weston Limited .....		11620-120th St., Edmonton .....	B
<b>British Columbia:</b>			
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