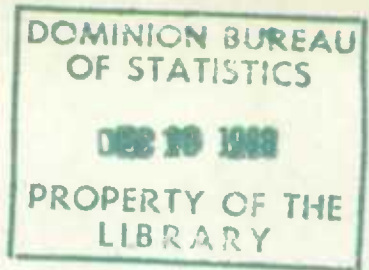


CATALOGUE No. 3

32-203

ANNUAL



BAKERIES

1961

Formerly The Bread and Other Bakery Products Industry

The list of firms normally included in this report has been omitted from this issue, along with certain tables. See introductory text for details.

ANNUAL CENSUS OF MANUFACTURES

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EXPLANATORY NOTES

As indicated in the tables, the figures are in thousands of dollars unless otherwise stated. The figures are based on the best available information and are subject to revision as more complete information becomes available. The figures are not necessarily comparable with those of other countries because of differences in methods of collection and classification. The figures are not necessarily comparable with those of other years because of changes in methods of collection and classification. The figures are not necessarily comparable with those of other countries because of differences in methods of collection and classification. The figures are not necessarily comparable with those of other years because of changes in methods of collection and classification.

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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.

CATALOGUE No.

32-203

ANNUAL

BAKERIES

Annual Census of Manufactures 1961

ERRATUM

Page 14 - Table 11.

Wage earners, employed on distribution and other activity not directly identified with processing plants, are not included. Therefore, data will not coincide with those presented in Table 10.

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 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. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

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 1961, 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

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

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 but will be shown separately in subsequent years.

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, handling, warehousing and delivery staff. 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 the calendar year 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 with salaries, but will be shown separately in subsequent years. 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 establishment including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components 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 generally refer to 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 establishment 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 which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment 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, air craft, 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 value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

Value added by Manufacturing

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.¹

Standard Industrial Classification

The revised Standard Industrial Classification which was 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. 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.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

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 advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some 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 inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.

Distribution by Form Size Compiled for Bakeries, 1961

Form size	Number of establishments	Percentage of total number of establishments	Value of factory shipments	Percentage of total value of factory shipments
			\$	
Short	1,649	65.2	41,469,724	11.2
Intermediate	580	22.9	56,271,150	15.2
Long	300	11.9	271,896,382	73.6
Totals	2,529	100.0	369,637,256	100.0

BAKERIES

1961

In the preceding pages of Explanatory Notes 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 Explanatory Notes page 3) apply to 1961 and succeeding Annual Census of Manufactures reports. Implementation of both features has necessitated adjustments to the statistics. To maintain comparability of principal statistics for recent years a special insertion, with applied adjustments back to 1957 is shown in Table 1.

Hotels, restaurants and public institutions which bake bread for their own use are not required to report their operations, and statistics relating to

these are, therefore, not included. These come under the category of Service Establishments and report to the Census of Merchandising Section. However, chain and department stores maintaining their own baking establishments and selling their own products within their own establishment are now included in this Census.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of certain tables normally contained in this report. It is planned to resume publication of these tables in the 1962 reports. The tables affected are the following: List of firms—Imports—Exports—Capital and Repair Expenditures.

TABLE 1. Principal Statistics of Bakeries in Canada, 1928-61

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
Basis: Standard Industrial Classification in use prior to 1960							
	number			dollars			
1928	2,482	15,422	16,901,238	1,917,847	36,151,747	33,257,503	71,227,097
1929	2,568	17,023	18,481,612	2,012,115	38,507,559	36,694,792	77,214,466
1930	2,697	17,736	19,444,533	2,036,199	36,582,843	34,975,852	73,594,894
1931	2,912	18,337	18,862,604	2,138,911	28,619,776	34,059,540	64,818,227
1932	2,861	16,856	15,909,805	1,929,751	23,431,275	28,089,326	53,450,352
1933	3,079	17,477	14,909,212	1,896,224	23,427,623	25,920,315	51,244,162
1934	3,173	18,562	15,794,117	1,952,633	26,681,559	28,661,330	57,295,522
1935	3,045	19,167	16,369,912	1,915,706	28,343,545	29,141,417	59,400,668
1936	3,101	19,598	17,703,572	1,975,417	32,124,708	31,458,312	65,558,437
1937	3,179	21,252	19,759,740	2,190,098	39,498,456	34,774,337	76,462,891
1938	3,231	22,359	21,410,506	2,267,448	38,446,525	37,821,360	78,535,333
1939	3,116	23,121	22,337,808	2,383,977	34,391,725	39,264,949	76,040,651
1940	3,089	23,943	23,509,613	2,927,327	38,560,378	40,269,025	81,756,730
1941	3,034	24,969	25,919,986	3,392,851	44,172,928	44,550,528	92,116,307
1942	3,023	25,521	29,047,237	3,680,095	49,962,446	50,446,713	104,089,254
1943	2,996	26,829	32,891,060	3,951,112	56,951,269	59,543,244	120,445,625
1944	2,917	27,530	35,164,136	3,961,643	59,824,616	61,474,839	125,261,098
1945	2,860	29,045	38,328,474	4,107,953	62,829,434	65,580,825	132,518,212
1946	2,864	30,453	42,987,201	4,495,245	70,886,539	72,980,744	148,362,528
1947	2,942	31,501	47,896,265	5,188,604	80,084,523	80,476,461	165,749,588
1948	2,859	31,543	53,407,360	6,048,647	94,383,761	87,500,925	187,933,333
1949	2,730	31,763	57,552,745	6,447,585	102,555,311	94,717,220	203,720,116
1950	2,608	31,149	60,073,998	6,961,201	109,213,199	102,412,581	214,586,981
1951	2,607	32,252	67,115,919	7,559,249	121,376,693	116,352,428	245,288,370
1952	2,585	33,011	74,244,786	8,210,772	122,229,789	129,740,849	260,181,410
1953	2,571	33,540	80,902,687	8,785,618	129,224,657	139,987,817	277,998,092
1954	2,584	33,883	83,804,862	9,218,717	131,119,614	139,859,357	280,207,889
1955	2,618	34,416	87,760,004	9,656,879	133,299,250	146,133,537	289,019,294
1956	2,624	35,456	93,759,028	10,755,654	145,925,800	150,249,262	306,805,298
1957	2,635	35,443	99,777,843	11,395,696	155,755,549	163,882,067	331,131,927
1958	2,637	35,618	106,968,772	11,039,506	157,267,880	172,605,555	340,918,015
1959	2,539	36,404	112,131,527	10,913,465	158,665,789	180,769,353	350,305,213

See note at end of table.

TABLE 1. Principal Statistics of Bakeries in Canada, 1928 - 61 - Concluded

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
Basis: Revised Standard Industrial Classification and New Establishment Concept							
1957	number		dollars				
Canada	2,555	34,592	97,799,892	11,223,573	152,413,999	-	324,127,697
Newfoundland	13	288	774,250	100,986	1,789,451	-	3,286,880
Prince Edward Island	7	68	128,700	20,071	191,897	-	371,558
Nova Scotia	70	849	2,048,924	336,407	4,629,057	-	8,739,996
New Brunswick	56	918	2,132,357	412,229	4,888,568	-	9,874,249
Quebec	914	10,158	26,597,240	3,439,645	44,724,186	-	90,381,270
Ontario	820	14,517	42,292,899	4,528,794	62,734,025	-	135,289,660
Manitoba	145	1,749	5,212,633	630,994	7,328,522	-	16,572,902
Saskatchewan	97	1,085	3,276,024	323,091	4,820,610	-	10,847,159
Alberta	140	1,820	5,611,215	531,078	8,148,163	-	18,746,024
British Columbia and N.W.T.	293	3,140	9,725,650	900,278	13,159,520	-	30,017,999
1958	number		dollars				
Canada	2,554	34,740	104,764,654	10,877,484	153,680,030	168,681,409	333,227,711
Newfoundland	11	261	729,420	91,154	1,635,075	1,462,345	3,189,429
Prince Edward Island	8	66	128,848	20,259	180,763	189,748	390,902
Nova Scotia	73	857	2,143,969	351,644	4,552,871	4,302,347	9,203,189
New Brunswick	55	906	2,163,877	426,592	4,874,718	4,653,063	9,952,286
Quebec	906	10,195	28,094,996	3,144,073	45,802,498	45,924,667	94,856,399
Ontario	810	14,559	45,489,146	4,584,062	63,840,929	70,764,749	139,194,705
Manitoba	144	1,764	5,758,125	569,358	7,266,234	8,729,086	16,564,893
Saskatchewan	101	1,098	3,575,156	344,938	4,632,316	5,724,164	10,699,843
Alberta	143	1,908	6,087,559	488,622	8,157,563	10,492,612	19,138,013
British Columbia and N.W.T.	303	3,126	10,593,558	856,782	12,737,063	16,438,628	30,038,052
1959	number		dollars				
Canada	2,451	35,503	109,889,530	10,750,981	155,165,980	179,726,292	342,599,239
Newfoundland	11	279	783,778	86,496	1,598,658	1,592,447	3,252,861
Prince Edward Island	8	61	132,308	19,595	199,040	203,455	413,337
Nova Scotia	70	918	2,355,728	370,461	4,638,871	4,561,358	9,494,501
New Brunswick	53	873	2,247,787	387,984	5,044,626	5,080,271	10,453,951
Quebec	861	10,461	29,601,312	3,055,687	46,242,858	48,364,878	96,593,306
Ontario	780	14,953	47,885,314	4,521,819	64,635,851	75,795,552	143,950,298
Manitoba	141	1,767	5,996,822	576,066	7,387,743	9,231,815	16,997,875
Saskatchewan	94	1,037	3,475,092	298,250	4,480,216	6,372,880	11,039,570
Alberta	136	1,958	6,432,361	532,120	8,646,617	11,590,948	20,609,019
British Columbia and N.W.T.	297	3,196	10,979,028	902,503	12,291,500	16,932,688	29,794,521
1960	number		dollars				
Canada	2,539	36,342	115,257,096	10,872,306	163,313,003	185,106,997	359,048,001
Newfoundland	12	280	818,663	90,989	1,705,241	1,633,548	3,428,998
Prince Edward Island	8	66	135,346	20,933	220,618	207,419	448,875
Nova Scotia	74	976	2,483,155	375,305	4,829,213	4,544,076	9,749,467
New Brunswick	53	935	2,590,643	394,845	5,337,565	5,378,961	11,109,255
Quebec	867	11,039	31,937,537	3,154,349	49,461,829	52,155,624	104,610,933
Ontario	806	14,875	49,402,873	4,483,223	67,464,739	76,709,805	148,610,483
Manitoba	150	1,801	6,246,450	588,605	7,700,124	9,462,454	17,739,574
Saskatchewan	97	1,044	3,505,630	288,591	4,524,555	6,387,773	11,197,777
Alberta	155	2,032	6,637,190	526,632	9,034,289	11,809,318	21,367,411
British Columbia and N.W.T.	317	3,294	11,499,609	948,834	13,034,830	16,818,019	30,785,228
1961	number		dollars				
Canada	2,529	35,637	115,753,102	10,846,436	164,609,027	194,337,555	369,637,256
Newfoundland	11	279	853,996	89,942	1,709,924	1,683,975	3,478,042
Prince Edward Island	8	68	138,012	22,863	232,958	193,726	449,555
Nova Scotia	73	954	2,498,142	377,970	4,777,984	4,771,393	9,926,212
New Brunswick	55	965	2,603,933	394,064	5,442,780	5,488,350	11,319,564
Quebec	852	11,013	33,254,747	3,264,525	50,695,141	55,063,559	109,016,503
Ontario	796	14,483	49,177,997	4,422,347	68,503,588	81,535,376	154,334,253
Manitoba	151	1,694	5,930,683	541,327	7,292,698	9,649,545	17,487,098
Saskatchewan	97	1,068	3,574,581	270,657	4,391,875	6,968,640	11,630,040
Alberta	168	1,983	6,583,427	542,549	8,873,757	11,456,170	20,871,043
British Columbia and N.W.T.	318	3,130	11,137,584	920,192	12,688,322	17,526,821	31,124,946

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

2. Bakery Products n.e.s., in amount of \$3,277,565 were shipped by establishments which were not included in the 1961 Census of Manufactures. Appropriate revisions to 1961 data will be presented in the 1962 edition of this publication.

TABLE 2. Shipments of Bakeries for Canada and the Provinces, 1961

Items of production	Canada		Newfoundland		Prince Edward Island	
	Quantity	Selling value	Quantity	Selling value	Quantity	Selling value
		\$		\$		\$
Bread lb.	1,660,399,451	219,091,447	15,541,244	2,303,918	2,059,700	287,211
Plain rolls and buns	—	22,331,790	—	164,959	—	10,614
Yeast-raised sweet goods	—	17,515,695	—	56,773	—	11,771
Pies, cakes, pastries	—	88,669,242	—	859,314	—	126,086
Doughnuts	—	14,833,648	—	93,078	—	18,585
All other products	—	7,352,649	—	—	—	—
Totals	—	369,794,471	—	3,478,042	—	454,267
	Nova Scotia		New Brunswick		Quebec	
	Quantity	Selling value	Quantity	Selling value	Quantity	Selling value
		\$		\$		\$
Bread lb.	53,094,457	7,458,548	61,626,051	8,565,803	505,679,786	63,890,320
Plain rolls and buns	—	276,213	—	359,930	—	4,787,937
Yeast-raised sweet goods	—	155,367	—	105,540	—	4,371,371
Pies, cakes, pastries	—	1,412,742	—	1,753,418	—	31,633,784
Doughnuts	—	545,236	—	469,013	—	2,311,970
All other products	—	87,914	—	65,860	—	2,127,676
Totals	—	9,936,020	—	11,319,564	—	109,123,058
	Ontario		Manitoba		Saskatchewan	
	Quantity	Selling value	Quantity	Selling value	Quantity	Selling value
		\$		\$		\$
Bread lb.	657,973,464	84,870,868	80,395,377	10,996,390	57,305,853	8,132,931
Plain rolls and buns	—	12,492,570	—	966,085	—	516,731
Yeast-raised sweet goods	—	8,186,377	—	936,497	—	494,576
Pies, cakes, pastries	—	37,319,744	—	3,826,782	—	2,101,856
Doughnuts	—	7,320,150	—	616,874	—	267,196
All other products	—	4,168,855	—	144,498	—	120,166
Totals	—	154,358,554	—	17,487,126	—	11,633,456
	Alberta		British Columbia and N.W.T.			
	Quantity	Selling value	Quantity	Selling value		
		\$		\$		
Bread lb.	97,584,319	13,663,131	129,139,200	18,922,327		
Plain rolls and buns	—	1,233,521	—	1,523,230		
Yeast-raised sweet goods	—	758,429	—	2,438,994		
Pies, cakes, pastries	—	3,162,199	—	6,473,317		
Doughnuts	—	1,880,453	—	1,311,093		
All other products	—	178,208	—	459,472		
Totals	—	20,875,941	—	31,128,433		

TABLE 3. Principal Statistics of Bakeries classified according to Type of Ownership, 1961

Type of ownership	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1961					
Individual ownership	1,694	7,691	17,994,321	27,668,242	58,393,069
Partnerships	321	2,371	5,888,486	8,500,331	18,309,390
Incorporated companies	506	25,462	91,515,494	127,966,884	291,964,099
Co-operatives	8	113	354,801	473,570	970,698
Totals	2,529	35,637	115,753,102	164,609,027	369,637,256

TABLE 4. Principal Statistics of Bakeries grouped according to the Number of Employees, 1962

Number of employees	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			
1961						
Canada:						
Under 5 employees	1,279	3,453	7,419,952	1,072,632	11,936,644	25,411,806
5 to 14 employees	877	6,796	17,152,804	1,842,868	25,087,061	53,946,990
15 " 49 "	252	6,343	19,102,700	1,936,079	27,822,025	60,488,864
50 " 99 "	66	4,683	16,507,163	1,616,666	22,271,129	51,063,842
100 " 199 "	28	3,799	13,802,127	1,238,875	20,804,630	48,721,729
200 " 499 "	21	6,397	25,594,104	1,891,696	34,946,580	79,938,622
500 " 999 "	6	4,147	16,046,381	1,247,620	21,740,958	50,065,403
Head offices		19	127,871	—	—	—
Totals	2,529	35,637	115,753,102	10,846,436	164,609,027	369,637,256

TABLE 5. Principal Statistics of Bakeries grouped according to Size of Shipments, 1961

Shipment size	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			
1961						
Canada:						
Under \$10,000	217	369	511,374	76,579	681,629	1,471,065
\$ 10,000 to \$ 24,999	753	2,089	4,184,206	561,905	6,189,621	13,071,036
25,000 " 49,999	683	3,267	7,353,691	914,363	11,136,012	23,970,430
50,000 " 99,999	429	3,812	9,661,929	1,038,567	13,694,906	29,825,266
100,000 " 199,999	205	3,239	9,440,979	900,194	13,327,719	28,351,340
200,000 " 499,999	120	4,027	12,500,307	1,256,608	17,241,486	38,071,230
500,000 " 999,999	52	3,533	12,196,008	1,255,786	16,478,517	37,300,880
1,000,000 " 4,999,999	60	9,731	37,607,809	3,264,003	52,496,840	121,597,786
5,000,000 and over	10	5,551	22,168,928	1,558,431	33,362,297	75,978,223
Head offices	—	19	127,871	—	—	—
Totals	2,529	35,637	115,753,102	10,846,436	164,609,027	369,637,256

TABLE 6. Consumption of Bread in Canada, 1929 - 61
(All Manufacturers)

Year	Quantity of bread	Value of bread	Per capita consumption
	pounds	\$	pounds
1929	935,794,310	59,635,321	93.3
1931	942,784,007	46,930,340	90.9
1932	889,943,664	40,371,451	84.7
1933	877,973,648	39,125,347	82.2
1934	911,566,536	42,866,445	84.1
1935	903,564,827	44,491,493	82.6
1936	909,287,675	47,658,574	82.4
1937	963,273,659	55,253,482	86.6
1938	1,010,072,852	55,502,449	90.1
1939	999,457,133	51,665,516	88.3
1940	1,033,542,503	54,957,274	88.9
1941	1,068,450,351	58,321,072	93.6
1942	1,153,838,551	63,345,856	100.7
1943	1,244,207,552	68,899,213	105.5
1944	1,249,083,402	70,252,657	104.6
1945	1,291,903,364	73,769,296	107.0
1946	1,375,255,605	79,655,580	111.9
1947	1,385,307,970	92,139,620	110.4
1948	1,370,672,229	110,960,043	106.9
1949	1,346,427,395	121,395,387	100.6
1950	1,382,681,193	130,882,635	100.8
1951	1,419,249,722	149,481,587	101.3
1952	1,523,881,705	161,552,890	105.6
1953	1,557,542,322	171,795,150	105.4
1954	1,525,973,673	173,166,427	100.5
1955	1,530,048,677	175,096,743	98.1
1956	1,606,946,412	186,060,605	99.9
1957	1,653,176,579	198,515,372	99.7
1958	1,649,951,480	203,658,715	96.8
1959	1,653,476,305	206,587,957	94.8
1960	1,651,762,778	215,286,995	92.7
1961	1,664,928,511	219,748,692	92.5
1961 ¹	1,668,242,345	220,295,081	92.7

¹ Includes bread produced by merchandising establishments.

TABLE 7. Selected Commodity Items Made in Bakeries, 1946 - 61

Year	Quantity of bread made	Value of bread made	Plain rolls and buns	Fruit buns, yeast-raised sweet goods	Pies, cakes and pastries	Doughnuts made
	pounds			dollars		
1946	1,368,713,372	79,268,744	6,201,771	10,912,068	46,138,970	2,937,041
1947	1,379,807,131	91,747,874	4,753,218	10,225,286	52,832,248	3,175,410
1948	1,367,096,844	110,644,115	6,051,970	9,647,877	55,291,446	3,280,618
1949	1,345,183,504	121,188,416	6,127,676	10,612,119	57,627,226	4,677,936
1950	1,379,851,428	130,618,315	8,542,652	14,149,894	49,437,864	7,837,864
1951	1,416,961,847	149,310,694	10,804,678	12,114,534	60,663,426	8,111,796
1952	1,521,196,406	161,343,196	10,377,319	14,533,620	62,171,461	7,863,756
1953	1,554,460,785	171,547,226	11,062,839	15,952,834	67,753,625	7,018,693
1954	1,523,305,930	172,918,184	10,614,914	16,178,688	68,545,236	7,587,440
1955	1,527,510,983	174,855,332	13,428,686	14,164,330	73,876,843	8,729,444
1956	1,604,533,852	185,824,499	12,634,354	18,647,210	73,645,218	10,681,539
1957	1,650,588,224	198,244,080	15,571,598	17,985,140	83,998,454	10,976,029
1958	1,646,996,059	203,331,698	18,715,201	14,213,528	86,991,638	12,401,837
1959	1,650,040,811	206,215,890	19,609,065	17,187,212	88,447,479	12,688,348
1960	1,648,168,664	214,748,069	21,664,463	16,732,676	92,652,829	14,416,771
1961	1,660,399,451	219,091,447	22,329,070	17,515,695	88,597,813	14,833,648

TABLE 8. Average Selling Price at the Factory per Pound of Bread in Canada and the Provinces, for Representative Years, 1929 - 61

Year	Canada	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	cents										
1929	6.4	—	6.9	7.1	7.0	6.0	6.5	6.0	6.7	6.8	6.7
1933	4.5	—	5.2	5.1	5.3	4.1	4.6	4.3	4.2	4.6	4.9
1935	4.9	—	5.1	4.8	5.4	4.4	5.2	4.4	4.6	4.9	5.9
1937	5.7	—	6.3	5.5	5.7	5.3	5.9	5.4	5.6	6.0	7.1
1938	5.5	—	5.6	5.8	5.8	5.4	5.4	6.4	5.6	6.1	7.1
1939	5.2	—	5.7	5.1	5.5	4.7	5.2	5.0	5.3	5.9	6.4
1940	5.3	—	5.5	5.9	5.6	4.9	5.2	5.0	5.2	6.2	6.4
1941	5.4	—	5.4	5.8	5.6	4.9	5.5	5.3	5.3	6.1	6.7
1942	5.5	—	5.7	6.4	5.9	4.8	5.7	5.3	5.2	5.9	6.8
1943	5.5	—	5.6	6.2	6.0	4.9	5.6	5.5	5.2	5.8	7.0
1944	5.6	—	5.4	6.5	6.0	5.0	5.7	5.2	5.3	5.9	7.0
1945	5.7	—	5.7	6.6	6.4	5.0	5.7	5.5	5.1	6.1	7.2
1946	5.8	—	5.8	6.6	6.6	5.2	5.7	6.0	5.2	6.1	7.2
1947	6.6	—	6.4	7.5	7.1	6.4	6.5	7.1	5.8	6.8	7.8
1948	8.1	—	7.7	8.6	8.4	7.5	8.1	7.6	8.0	8.3	9.1
1949	9.0	9.0	9.1	10.1	10.6	8.6	9.0	9.1	8.6	8.9	9.8
1950	9.5	9.3	9.1	10.2	10.6	9.1	9.4	10.4	9.0	9.2	10.3
1951	10.5	10.1	10.3	10.9	11.5	10.0	10.6	11.4	10.1	10.4	11.5
1952	10.6	10.6	12.1	11.2	11.4	10.1	10.4	11.5	10.4	10.6	12.3
1953	11.0	10.8	12.1	12.1	11.3	10.3	10.9	11.9	11.1	11.4	13.0
1954	11.4	11.5	12.6	12.3	12.4	10.9	11.1	12.3	11.6	11.6	13.0
1955	11.4	11.5	12.6	12.2	12.4	11.0	11.1	12.3	11.8	11.6	13.0
1956	11.6	11.9	12.9	12.2	12.0	10.9	11.1	12.7	12.3	12.3	14.0
1957	12.0	12.2	13.2	12.7	12.6	11.2	11.6	13.4	12.9	12.9	14.1
1958	12.3	12.5	13.0	13.2	12.6	11.8	12.0	13.5	12.8	13.0	14.6
1959	12.5	..	..	..	..	..	..	..	..	..	..
1960	13.0	13.2	14.6	13.8	13.1	12.7	12.5	13.8	14.2	13.6	14.9
1961	13.2	14.8	13.9	14.0	13.9	12.6	12.9	13.7	14.2	14.0	14.6

TABLE 9. Materials Used in Bakeries, 1961

		1961	
		Quantity	Cost of materials used at plant
		\$	
Baking powder	lb.	1,064,664	168,084
Butter	"	1,346,958	852,800
Chocolate	"	1,095,911	457,183
Cocoa	"	1,274,743	426,606
Cocoanut, shredded	"	1,675,609	373,578
↘ Corn starch	"	1,088,890	120,876
Cream	gal.	126,612	409,129
Cream powder	lb.	27,423	17,439
Cream of tartar and substitutes	"	39,743	16,042
Eggs, in shell	doz.	2,541,348	950,137
Eggs, frozen	lb.	761,061	217,656
Eggs, liquid, not frozen	"	12,781,442	3,676,412
Egg powder (dried yolk and albumen)	"	60,850	55,405
Egg substitutes	"	36,795	26,259
Extracts, essences, etc.		—	355,427
Flour:			
Hard wheat (bread flour)	cwt.	10,820,857	49,406,313
Soft wheat (cake flour)	"	528,256	2,889,564
Soya	lb.	819,168	97,308
Cake mixtures, prepared	"	2,384,651	374,040
Doughnut and pastry mixtures	"	27,194,801	3,812,914
Other flours, (rye, rolled oats, corn meal, whole wheat, etc.)	"	43,482,362	2,223,888

TABLE 9. Materials Used in Bakeries, 1961 - Concluded

Materials	1961	
	Quantity	Cost of materials used at plant
		\$
Fruits:		
Raisins, currants and other dried fruits	lb. 14,537,211	2,767,212
Fresh fruits, all kinds	—	167,077
Jam, jellies and marmalades	lb. 7,488,703	1,208,492
Preserved and canned, other	" 5,889,441	1,318,762
Frozen fruits	" 5,917,881	1,203,732
Filling for pies:		
Apple	" 3,857,240	514,454
Other	" 1,541,061	274,924
Gelatine	" 58,605	38,186
Glucose	" 1,778,348	147,764
Honey	" 1,124,451	179,088
Lard	" 28,853,144	4,171,695
Lecithin	" 65,380	13,365
Malt flour	" 611,191	81,355
Malt extracts and syrups	" 2,267,377	309,821
Margarine	" 939,037	212,912
Meat for pies	" 1,879,151	745,995
Milk, condensed and evaporated	" 1,591,572	180,630
Milk, fresh including skim	gal. 276,168	162,113
Milk, powdered	lb. 27,016,707	2,214,347
Molasses	" 1,454,127	110,604
Monoglyceride emulsifier	" 619,066	228,395
Nuts (walnuts, almonds, pecans, etc.)	" 1,311,209	834,230
Peanuts	" 144,541	75,200
Potatoes	" 168,867	7,954
Potato starch and flour	" 353,607	46,432
Oils:		
Corn	" 289,197	64,693
Cottonseed	" 702,528	161,289
Other cooking	" 2,932,343	633,257
Peanut butter	" 33,896	8,819
Salt	" 24,321,421	397,516
Shortening	" 32,516,056	7,135,927
Sodium bicarbonate (baking powder)	" 525,723	37,861
Sugar:		
Cane and beet	" 111,966,300	8,782,665
Corn and dextrose	" 903,042	84,485
Spices	" 320,591	229,841
Syrups:		
Corn	" 307,930	29,322
Other	" 440,267	65,805
Yeast	" 23,626,786	4,242,559
Yeast powders and other bread improvers	" 8,889,886	1,375,382
Packing materials:		
Waxed bread wrappers	—	7,952,688
Bread cartons and cake boxes	—	8,363,548
Cellophane and other containers	—	10,492,050
All other materials and supplies ¹	—	26,049,167
Amount paid out to others for work done on materials owned by this plant	—	135,710
Operating, maintenance and repair supplies	—	4,224,374
Total	—	164,609,028

¹ No detailed information on materials used was collected from small establishments. The estimated value of materials used by these establishments was \$19,532,008 in 1961 and this amount is included in "All other materials". The value of shipments of these small establishments was \$41,469,724.

TABLE 10. Employees, Salaries and Wages, by Provinces, 1961

Provinces	Employees on salaries			Employees on wages		
	Male	Female	Salaries	Male	Female	Wages
1961	number		\$	number		\$
Canada.....	3,758	1,232	19,172,391	23,295	7,352	96,580,711
Newfoundland	21	10	122,102	181	67	731,894
Prince Edward Island	10	1	34,739	33	24	103,273
Nova Scotia.....	105	34	509,720	620	195	1,988,422
New Brunswick	82	39	422,556	638	206	2,181,377
Quebec	1,270	319	6,005,374	7,693	1,731	27,249,373
Ontario	1,315	502	7,131,345	9,642	3,024	42,046,652
Manitoba	222	62	1,051,107	1,019	391	4,879,576
Saskatchewan	115	50	647,440	620	283	2,927,141
Alberta.....	228	69	1,181,866	1,113	573	5,401,561
British Columbia and N.W.T.	390	146	2,066,142	1,736	858	9,071,442

TABLE 11. Production Workers, by Months, 1961

Month	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
	number			
January	8,981	2,451		
February	9,057	2,492		
March	9,095	2,530	2,490	1,421
April	9,178	2,590		
May	9,448	2,716		
June	9,750	2,829	2,558	1,495
July	9,947	2,850		
August	9,973	2,841		
September	9,678	2,819	2,563	1,493
October	9,605	2,787		
November	9,476	2,805		
December	9,348	2,618	2,563	1,497
Average for establishments reporting monthly detail			9,455	2,689
Average for establishments reporting quarterly detail			2,528	1,465
Average estimated for small establishments ³			1,126	729
Average for all establishments.....			13,109	4,883

¹ The number of production workers, by months, was collected only for large establishments.² The number of production workers, by quarters, was collected only for medium-size establishments.³ The monthly detail of production workers was not collected from small establishments. Only annual averages were collected from these establishments.

TABLE 12. Principal Statistics of Bakeries in Specific Cities, 1961

	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		
Newfoundland:						
St. John's	4	220	681,517	61,761	1,378,309	2,802,587
Nova Scotia:						
Halifax	11	273	867,146	130,986	1,866,160	3,931,644
New Brunswick:						
Saint John	12	302	838,078	84,665	1,586,385	3,065,154
Quebec:						
Montreal	142	3,165	10,442,896	854,539	16,132,409	33,292,527
Quebec	23	703	2,129,556	217,468	3,257,397	6,995,545
Sherbrooke	9	160	478,698	57,979	932,356	1,811,965
Westmount	6	1,018	3,909,001	301,515	3,562,266	8,181,852
Three Rivers	9	130	277,527	37,113	504,704	998,902
Ontario:						
Toronto	156	5,005	18,151,385	1,437,413	27,369,878	60,178,183
Ottawa	18	1,188	4,387,249	362,972	6,522,801	14,392,281
Hamilton	44	1,238	4,234,928	328,938	3,998,679	10,082,197
London	21	792	2,629,325	277,706	3,222,750	7,560,779
Windsor	24	376	1,226,025	126,714	1,591,527	3,496,065
Kitchener	11	332	1,274,089	129,233	1,611,250	3,981,481
Sudbury	9	276	990,815	123,068	1,485,443	3,189,316
Kingston	5	198	715,401	79,486	1,044,864	2,562,780
Welland	6	104	400,512	31,508	510,037	1,302,550
Fort William	7	83	280,374	27,960	508,821	893,830
Port Arthur	7	148	566,406	51,002	698,675	1,583,072
Sault Ste. Marie	6	105	358,583	57,123	651,463	1,185,054
Manitoba:						
Winnipeg	48	1,091	4,204,026	315,814	5,081,631	12,394,117
Saskatchewan:						
Regina	11	319	1,264,121	67,736	1,582,557	4,226,508
Saskatoon	13	296	994,080	68,713	1,104,978	3,255,990
Moose Jaw	6	99	394,735	21,620	362,422	1,028,760
Alberta:						
Edmonton	40	722	2,533,290	178,489	3,563,379	8,198,725
Calgary	36	716	2,562,351	201,292	3,331,630	8,030,650
Lethbridge	5	97	322,115	28,068	352,279	978,617
British Columbia:						
Vancouver	104	1,419	5,618,439	357,167	6,063,707	15,246,378
Victoria	30	257	801,162	71,948	801,208	2,014,513

TABLE 13. Inventory Value, 1961

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
dollars				
Opening inventory: ¹				
Newfoundland	162,033	1,200	8,159	171,392
Prince Edward Island	22,567	—	439	23,006
Nova Scotia	432,537	617	10,889	444,043
New Brunswick	440,814	196	16,101	457,111
Quebec	3,564,978	42,743	293,706	3,901,427
Ontario	4,258,132	39,149	177,905	4,475,186
Manitoba	553,512	6,735	11,271	571,518
Saskatchewan	366,015	944	7,076	374,035
Alberta	586,044	1,358	27,195	614,597
British Columbia and N.W.T.	947,922	3,874	52,699	1,004,495
Canada	11,334,554	96,816	605,440	12,036,810
Closing inventory:				
Newfoundland	209,725	1,025	14,133	224,883
Prince Edward Island	19,758	—	431	20,189
Nova Scotia	413,542	899	11,742	426,183
New Brunswick	471,129	46	21,881	493,056
Quebec	3,751,866	37,063	306,108	4,095,037
Ontario	4,551,206	50,951	293,161	4,895,318
Manitoba	523,716	4,963	9,515	538,194
Saskatchewan	352,692	1,013	8,139	361,844
Alberta	591,635	3,140	26,846	621,621
British Columbia and N.W.T.	973,443	10,341	56,621	1,040,405
Canada	11,858,712	109,441	748,577	12,716,730

¹ The opening inventory for 1961 differs from the closing inventory for 1960 because of the receipt of revised data, the inclusion of new establishments, the removal of figures for establishments which did not operate during 1961, changes in classification, and the implementation of the New Establishment Concept.

TABLE 14. Consumption of Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
1. Establishments reporting commodity detail: ¹		
Bituminous coal:		
(a) From Canadian mines	ton 2,879	43,566
(b) Imported	" 2,360	31,550
Sub-bituminous coal (from Alberta mines only)	" 541	8,721
Anthracite coal	" 166	2,539
Lignite coal	—	—
Coke	ton 347	7,161
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 11,856,944	3,831,644
Fuel oil including kerosene or coal oil	" 8,296,695	1,203,711
Wood	cord 487	7,595
Gas:		
(a) Liquefied petroleum gases	Imp. gal. 62,547	15,000
(b) Other manufactured gas	M cu. ft. 35,847	36,181
(c) Natural gas	" 1,925,077	958,621
Other fuel	—	—
Electricity purchased	kwh. 85,085,925	1,203,284
Steam purchased	pound 41,473,934	33,374
2. Establishments reporting group detail: ²		
Cost of fuel .....	...	1,326,261
Cost of electricity .....	...	512,824
3. Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity .....	...	1,624,404
4. All establishments:		
Total cost of fuel and electricity .....	...	10,846,436

¹ Large establishments.

² Medium-size establishments.

³ Small establishments.

TABLE 15. Distribution of Sales in Bakeries, 1961

Province	Estab- lish- ments reporting	Total sales ¹	Wholesale including sales to restaurants, institutions, etc.	Retail	
				House to house	Through bakery-owned stores
	No.	dollars			
Newfoundland	11	3,482,838	3,450,318	—	32,520
Prince Edward Island	8	449,555	319,952	—	129,603
Nova Scotia	73	10,076,610	8,223,851	239,371	1,613,388
New Brunswick	55	11,540,094	10,094,088	776,944	669,062
Quebec	852	115,286,724	75,189,119	34,040,621	6,056,984
Ontario	796	161,482,469	79,010,478	35,368,548	47,104,443
Manitoba	151	18,656,630	13,995,734	1,920,004	2,740,892
Saskatchewan	97	12,622,886	9,361,065	1,376,482	1,885,339
Alberta	168	22,354,001	16,726,914	2,103,365	3,523,722
British Columbia and N.W.T.	318	33,957,584	23,660,462	4,986,505	5,310,617
Canada	2,529	389,910,391	240,031,981	80,811,840	69,066,570

Province	Percentage of sales			
Newfoundland	100.0	99.1	—	.9
Prince Edward Island	100.0	71.2	—	28.8
Nova Scotia	100.0	81.6	2.4	16.0
New Brunswick	100.0	87.5	6.7	5.8
Quebec	100.0	65.2	29.5	5.3
Ontario	100.0	48.9	21.9	29.2
Manitoba	100.0	75.0	10.3	14.7
Saskatchewan	100.0	74.2	10.9	14.9
Alberta	100.0	74.8	9.4	15.8
British Columbia and N.W.T.	100.0	69.7	14.7	15.6
Canada	100.0	61.6	20.7	17.7

¹ Adjusted for inter company transfers and sale of items not manufactured by reporting establishments.

TABLE 16. Motor and Horse-drawn Delivery Vehicles, for Specific Years, 1957-61

	Motor delivery vehicles ¹					Horse-drawn delivery vehicles ¹				
	1957	1958	1959	1960	1961	1957	1958	1959	1960	1961
	number									
Normally in use	7,084	7,270	7,774	7,899	7,579	208	119	76	43	20
Normally idle	741	763	741	752	790	29	16	22	8	5

¹ Does not include small establishments.

The Weight of a Loaf of Bread

According to information collected by the Bureau of Statistics, the average weight of a loaf in the provinces may be stated as follows:

Province	Weight
Newfoundland	24 ounces
Prince Edward Island	20 ounces
Nova Scotia and New Brunswick	20 and 24 ounces, except in the case of "small bread"
Quebec	In certain municipalities at 1½ pounds or 24 ounces, while in the remaining parts of the province it is variously stated at 4, 5, and 6 pounds
Ontario	16, 24 or 48 ounces
Manitoba	Generally at 16 and 20 ounces, except in outlying portions of the province where it is stated at 3 pounds
Saskatchewan and Alberta	20 ounces
British Columbia	15 ounces for wrapped and 16 for unwrapped

Author	Title
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