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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

+++ Census of Industry +++

GENERAL MANUFACTURING STATISTICS



REPORT
ON THE
BISCUIT INDUSTRY
IN
CANADA
1947

STATISTICS STATISTIQUE
CANADA CANADA
APR 18 1967
BY
BIBLIOTHÈQUE



OTTAWA
1948

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURING STATISTICS
OTTAWA - CANADA

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THE BISCUIT INDUSTRY, 1947

Herewith is presented the report on the Biscuit Industry for the year 1947. In the past the Biscuit Industry was included with the Confectionery, Cocoa and Chocolate Industries. To facilitate the preparation of these statistics so that they could be published earlier, it was decided to segregate the firms manufacturing biscuits, ice cream cones and waffles from those manufacturing confectionery and chocolate.

The definition of biscuits as understood by the Bureau is a product such as crackers, machine-made cookies, pretzels and shortbread which keeps indefinitely and is capable of being packaged. The materials used are usually flour, sugar, eggs and other materials.

The number of firms reporting in 1947 was 44, and were located by provinces as follows: Nova Scotia 1, New Brunswick 3, Quebec 14, Ontario 15, Manitoba 2, Saskatchewan 1, Alberta 4, and British Columbia 4.

The 44 establishments classified in this industry reported 4,932 employees who were paid \$6,686,933 in salaries and wages, and produced goods which had a selling value at the factory of \$40,082,779. The materials used which are mainly of domestic origin cost \$18,647,099. The industry operated at a higher level in 1947, the output of biscuits of all kinds having risen from 74,594 tons in 1946 to 81,615 tons in 1947.

THE BISCUIT INDUSTRY, 1947

Table 1. - Principal Statistics of the Biscuit Industry 1931-1947

Year	Estab-lish-ments	Capital Invested	Employees on Salaries	Salaries Paid	Employees on Wages	Wages Paid	Cost of Fuel and Electricity	Cost of Materials	Selling Value of Products
	No.	\$	No.	\$	No.	\$	\$	\$	\$
1931	37	18,260,328	1,033	1,658,960	3,680	2,505,092	-	7,368,832	18,785,446
1932	32	16,582,046	975	1,604,795	3,188	1,848,145	-	5,621,488	13,971,196
1933	34	14,374,690	817	1,279,126	2,834	1,522,906	-	5,628,991	13,360,970
1934	35	14,571,270	830	1,292,330	3,038	1,748,330	-	6,484,688	14,805,390
1935	35	12,722,060	945	1,370,706	3,181	1,983,261	-	7,273,232	15,999,253
1936	34	12,975,647	1,014	1,507,795	3,302	2,056,274	-	8,083,754	17,718,889
1937	36	12,415,453	1,349	1,886,278	3,349	2,133,383	-	8,825,343	19,070,662
1938	35	12,203,410	1,296	1,922,970	3,472	2,307,295	-	8,221,962	19,227,606
1939	36	12,132,656	1,352	2,051,302	3,477	2,405,208	-	8,110,048	19,500,995
1940	35	12,327,793	1,371	2,244,459	3,548	2,494,309	-	9,745,082	22,146,154
1941	36	12,861,985	1,408	2,425,234	4,146	3,183,249	-	12,812,318	27,772,428
1942	36	12,156,280	1,393	2,637,829	4,185	3,455,529	-	13,396,362	29,539,550
1943	36	12,523,002	1,371	2,734,312	4,177	3,715,348	-	13,434,623	30,940,331
1944	37	x1/	1,294	2,743,752	4,625	4,375,191	-	14,366,955	33,031,474
1945	36	x1/	1,304	2,646,343	4,430	4,391,328	-	14,174,162	32,047,311
1946	37	x1/	740	1,488,294	4,321	4,720,963	-	15,161,125	33,916,461
1947	44	x1/	566 ^{2/}	1,288,728	4,366	5,398,205	-	18,647,099	40,082,779

1/ Not collected.

2/ The decline in the number of salaried employees is due to a change in the method of reporting the sales staffs and warehouse employees. Firms were instructed to omit all sales staffs and warehouse employees who were not directly employed at the manufacturing plant. It was found that in the past some firms reported all their sales and warehousing employees located throughout the whole country. Now they are requested to report only the warehouse and sales staff working at the plant.

THE BISCUIT INDUSTRY, 1947

Table 2. - Principal Statistics of the Biscuit Industry by Provinces 1947

	Estab- lish- ments	Capital Invested	Employees ^{2/}	Salaries and Wages	Cost of Materials	Gross ^{1/} Value of Products
	No.	\$	No.	\$	\$	\$
CANADA	44		4,932	6,686,933	18,647,099	40,082,779
Nova Scotia	1)	-	384	483,885	1,245,731	2,467,254
New Brunswick	3)	-				
Quebec	14	-	1,557	1,926,849	6,688,462	11,972,384
Ontario	15	-	2,232	3,073,091	7,208,826	17,261,007
Manitoba	2)	-	357	594,875	1,989,393	4,925,672
Saskatchewan	1)	-				
Alberta	4	-	154	225,728	652,346	1,480,658
British Columbia	4	-	248	382,505	862,341	1,975,804

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/ See footnote 2 at the end of Table 1.

THE BISCUIT INDUSTRY, 1947

Table 3. - Production by Items classified under the Biscuit Industry
for Canada, Ontario, Quebec and Other Provinces, 1947 1/

Unit of Measure	Canada		Quebec		Ontario		Other Provinces		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
		\$		\$		\$		\$	
Biscuits, plain and fancy	Ton	56,233	25,170,831	27,402	10,082,400	16,650	9,094,880	12,181	5,993,351
Biscuits, soda	Ton	25,382	9,771,490	3,128	930,724	13,602	5,631,287	8,652	3,209,479
Ice Cream Cones ...	M	319,947	837,445	-	-	2/	2/	2/	2/
Cake and Other Bakery Products .	value only	-	2,570,223	-	764,350	-	1,631,862	2/	2/
Chocolate Confectionery in bulk .	lb.	301,763	105,851	2/	2/	-	-	2/	2/
Sugar Confectionery in bulk	lb.	4,811,555	1,233,238	2/	2/	-	-	2/	2/
All other products	-	-	393,701 ^{3/}	-	194,910	-	902,978 ^{3/}	-	1,646,348 ^{3/}
Total		-	40,082,779	-	11,972,384	-	17,261,007	-	10,849,388

NOTE: 1/ Data here do not necessarily represent the total production of these commodities since they are also produced in other industries. For instance, some confectionery is also produced in the Confectionery and Chocolate Industry.

2/ Only one or two firms manufacturing this product. Figures are grouped under "All other products" so as to prevent disclosure of information concerning individual firms.

3/ Includes: macaroni, drinking straws, ice cream cones, pretzels, confectionery and bread.

THE BISCUIT INDUSTRY, 1947

Table 4. - The Production of Biscuits from All Sources, 1931-1947

Year	Biscuits, plain and fancy		Biscuits, soda		Biscuits, not specified		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1931	39,042	10,915,432	11,975	4,012,222	303	61,950	51,320	14,989,604
1932	37,471	8,226,645	11,311	3,049,602	202	61,621	48,984	11,337,868
1933	29,466	7,512,883	11,977	3,590,684	318	66,947	41,761	11,170,514
1934	33,468	8,643,908	12,845	3,444,377	298	82,977	46,611	12,171,262
1935	36,017	8,700,098	12,411	3,445,752	406	123,613	48,834	12,269,463
1936	37,376	9,427,059	12,984	3,774,599	288	80,854	50,648	13,282,512
1937	41,254	10,065,607	13,130	4,038,058	409	124,430	54,793	14,228,095
1938	40,489	10,276,065	13,203	4,012,339	260	79,630	53,952	14,368,034
1939	41,492	10,071,536	13,991	4,102,351	296	93,568	55,779	14,267,455
1940	45,474	11,311,059	15,013	4,446,206	308	105,780	60,795	15,863,045
1941	51,632	14,603,599	18,175	5,471,600	461	143,548	70,268	20,218,747
1942	48,881	15,025,199	22,947	7,000,927	156	69,301	71,984	22,095,427
1943	47,025	15,552,203	25,454	7,925,543	556	222,551	73,035	23,700,297
1944	49,924	17,158,678	24,631	7,725,444	591	270,401	75,146	25,154,523
1945	46,003	16,353,675	26,621	8,498,177	446	267,383	73,070	25,119,235
1946	46,927	17,599,117	26,735	8,803,388	887	467,056	74,549	26,869,561
1947 ^{2/}	56,233	25,170,831	25,382	9,771,490	1/		81,615	34,942,321

1/ Not available.

2/ Two or three firms making biscuits in the Bread and Other Bakery Products Industry were transferred to the Biscuit Industry, thereby reducing the quantity and value of biscuits produced under "Biscuits, not specified".

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THE BISCUIT INDUSTRY, 1947

Table 5. - Imports and Exports of Biscuits, 1931-1947

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.	\$
1931	1,908,906	230,720	495,029	110,223	-	-	-	-	1,138,400	129,860
1932	1,572,500	189,879	332,581	78,863	-	-	-	-	920,600	72,167
1933	1,477,798	154,658	260,018	61,044	-	-	-	-	1,180,700	91,715
1934	1,639,154	160,371	295,021	60,063	-	-	-	-	1,287,400	95,706
1935	1,916,884	160,679	308,574	50,073	-	-	-	-	1,973,000	131,597
1936	1,637,715	132,638	115,543	17,382	718,891	221,779	-	-	3,240,900	210,655
1937	1,746,967	149,100	119,328	17,560	658,852	222,654	-	-	4,036,800	294,475
1938	1,858,977	155,281	130,928	16,877	582,774	186,983	-	-	3,772,600	320,101
1939	1,914,952	168,982	284,033	26,987	585,917	183,999	-	-	2,846,800	227,997
1940	959,713	108,883	143,846	16,992	496,433	143,554	-	-	3,223,300	231,564
1941	141,917	10,996	10,485	1,973	-	-	314,856	92,538	3,071,000	212,451
1942	60,871	7,784	-	-	-	-	-	-	4,007,100	487,297
1943	10,798	1,194	-	-	-	-	-	-	4,070,700	708,845
1944	74,469	9,562	127,846	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
1947	937,209	204,952	8,962,419	1,923,757	-	-	978,603	397,930	3,774,600	442,554

Statistics from "Trade of Canada" External Trade Division.

THE BISCUIT INDUSTRY, 1947

Table 6. - Materials used by Quantity and Cost Value, 1947

Class of Materials	Unit of Measure	Quantity	Cost Value (In Canadian Dollars)
			\$
Albumen	lb.	144	286
Baking powder	"	32,792	4,245
Bicarbonate of ammonia	"	210,835	19,913
Butter	"	32,966	18,385
Cacao beans	"	343,346	80,686
Carbonate of ammonia	"	5,874	622
Cheese	"	103,420	26,526
Chocolate coatings	"	2,622,396	795,513
Cocoa powder	"	770,135	108,487
Cocoa and chocolate preparations, n.o.p.	"	32,832	7,886
Cocoa butter	"	396,322	235,388
Cocoa butter substitute	"	39,936	8,943
Cocoanut, shredded	"	96,227	35,547
Cooking oils -			
(a) Corn	"	2,570	667
(b) Cocoanut	"	2,135,606	469,613
(c) Cottonseed	"	8,396	2,073
(d) Other cooking	"	890,317	177,440
(e) Olive	"	-	-
(f) Soya bean	"	125,730	39,676
Corn for popping	"	38,200	2,449
Corn syrup	"	143,949	10,695
Cream powdered	lb.	610	359
Cream of tartar	"	597	509
Cream of tartar substitute	"	14,528	4,576
Eggs, in shell	doz.	7,777	2,941
Eggs, frozen	lb.	703,299	210,523
Egg powder, (dried yolks, albumen, etc.).	"	29,166	33,827
Egg substitutes	"	194,770	46,569
Extracts, essences, etc.	Value only	-	156,476
Flour -			
(a) Hard wheat (bread flour)	bb1.	257,965	1,422,502
(b) Soft wheat (cake flour)	"	347,085	2,192,177
(c) Soya	"	2,045	32,585
Fruits -			
(a) Raisins, currants	lb.	1,845,272	259,196
(b) other dried fruits	"	1,822,560	252,429
(c) Fresh oranges and lemons	doz.	1,162	314
(d) Fresh, other	lb.	808,305	38,583
(e) Jam, jellies and marmalades	"	225,260	31,066
(f) Preserved and canned, other	"	307,528	29,569
Gelatine	"	142,513	149,001
Glucose	"	5,582,213	470,795
Honey	"	106,930	24,417

THE BISCUIT INDUSTRY, 1947

Table 6. - Materials used by Quantity and Cost Value, 1947 - Concl'd.

Class of Materials	Unit of Measure	Quantity	Cost Value (In Canadian Dollars)
			\$
Lard	lb.	4,046,324	907,392
Lecithin	"	112,262	55,433
Malt flour	"	137,448	10,493
Malt extract and syrups	"	1,041,745	98,737
Milk condensed	"	346,895	45,733
Milk, fresh and skim	gal.	42,109	7,488
Milk, powdered	lb.	627,169	93,159
Molasses	"	1,615,873	109,973
Nuts (walnuts, almonds, pecans, etc. -			
(a) Shelled	"	27,012	18,632
(b) Peanuts, green and roasted ..	"	167,096	29,220
Salt	"	1,869,442	18,616
Shortening	"	14,784,900	3,199,877
Sodium bicarbonate (baking soda) ...	"	815,606	28,177
Spices	"	48,354	16,607
Starch -			
(a) Corn	"	534,980	39,455
(b) potato	"	36,015	4,793
(c) moulding	"	52,926	6,350
Sugar -			
(a) Cane and beet	"	32,145,490	2,532,661
(b) Corn and cerelese	"	281,610	31,643
(c) Maple	"	-	-
(d) Invert	"	2,209,191	170,387
Syrups	gal.	74,633	88,879
Yeast -			
(a) Ordinary	"	85,856	15,289
Packing materials -			
(a) Waxed wrappers	value only	-	372,597
(b) cartons and shipping containers	" "	-	1,527,819
(c) Cardboard cake and candy boxes	" "	-	437,623
(d) Cellophane	" "	-	262,224
(e) Other coverings and containers	" "	-	573,690
All other ingredients and supplies (specify)	" "	-	540,698
Total		-	18,647,099

THE BISCUIT INDUSTRY, 1947

Table 7(a). - Statistics of employment in the Biscuit Industry during the calendar year 1947 are presented in the following tables.

Provinces	Employees on Salaries			Employees on Wages		
	Male	Female	Salaries	Male	Female	Wages
	No.	No.	\$	No.	No.	\$
<u>1947</u>						
CANADA	339	227	1,288,728	1,969	2,397	5,398,205
Nova Scotia)	37	26	130,944	104	217	352,941
New Brunswick)						
Quebec	98	53	365,124	721	685	1,561,725
Ontario	142	107	532,846	855	1,128	2,540,245
Manitoba)	32	13	124,896	142	170	469,979
Saskatchewan)						
Alberta	9	5	40,821	56	84	184,907
British Columbia	21	23	94,097	91	113	288,408

Table 7(b). - Monthly Employment of Wage-Earners, 1947

Months	1946		
	Male	Female	Total
	No.	No.	No.
January	1,895	2,164	4,059
February	1,920	2,164	4,084
March	1,940	2,171	4,111
April	1,936	2,235	4,171
May	1,966	2,297	4,263
June	1,991	2,429	4,420
July	1,974	2,414	4,388
August	1,924	2,312	4,236
September	1,950	2,496	4,446
October	1,998	2,652	4,650
November	2,081	2,776	4,857
December	2,058	2,660	4,718
Average Monthly Employment	1,969	2,397	4,366

THE BISCUIT INDUSTRY, 1947

Table 8. - Principal Statistics of the Biscuit Industry,

Groups of Values of Production	Estab- lish- ments	Salaried Employees		Salaries
		Male	Female	
		No.	No.	
Under \$50,000	6	9	-	19,649
\$ 50,000 to \$ 99,999	3	5	2	21,350
\$ 100,000 to \$499,999	17	86	50	280,793
\$ 500,000 to \$999,999	4	27	13	89,882
\$1,000,000 and over	14	212	162	877,054
Total	44	339	227	1,288,728

Table 9. - Principal Statistics

Type of Ownership	Estab- lish- ments	Proprietors		With- drawals	Salaried Employees		Salaries
		Male	Female		Male	Female	
		No.	No.		No.	No.	
Individual	3	3	-	12,332	-	-	
Partnership	3	4	-	15,600	8	11	32,185
Incorporated	38	-	-	-	324	216	1,228,611
Total ...	44	7	-	27,932	332	227	1,260,796

THE BISCUIT INDUSTRY, 1947

Grouped according to Size of Establishments, 1947.

Wage-Earners			Cost of Fuel and Electricity	Cost of Materials	Value of Production
Male	Female	Wages			
No.	No.	\$	\$	\$	\$
10	15	29,425	4,415	65,981	163,121
10	28	42,643	3,853	102,770	203,672
341	386	724,968	93,669	2,472,221	4,777,217
184	183	360,889	39,189	1,706,258	2,837,379
1,424	1,785	4,240,280	360,130	14,299,869	32,101,390
1,969	2,397	5,398,205	501,256	18,647,099	40,082,779

by Type of Ownership, 1947.

Wage-Earners			Cost of Fuel and Electricity	Cost of Materials	Value of Production
Male	Female	Wages			
No.	No.	\$	\$	\$	\$
7	9	22,439	2,287	43,868	94,181
70	59	123,446	17,262	625,566	1,170,888
1,892	2,329	5,252,320	481,707	17,977,665	38,817,710
1,969	2,397	5,398,205	501,256	18,647,099	40,082,779

THE BISCUIT INDUSTRY, 1947

Table 10. - Power Equipment, 1946

Classes of Power	Number of Units	Manufacturers' Rating of Horse-Power Capacity
Steam engines		
Ordinarily in use	3	270
In reserve or idle	2	175
Electric motors (Except those reported under Item 10)		
(a) Operated by purchased power (regenerated or not)		
In use	1,778	6,014
In reserve or idle	127	434
(b) Operated by power generated by prime movers reported under (1), 2, (3), (4), and (5) above (regenerated or not		
	76	459
Boilers for power purposes only		
In use	19	1,532
In reserve or idle	2	110
Total	2,007	8,994

LIST OF FIRMS IN THE BISCUIT INDUSTRY, 1947

B - Biscuits
 B,C. - Biscuit and Confectionery
 CA - Cake
 I - Ice Cream Cones

		<u>MAIN PRODUCTS</u>
<u>NOVA SCOTIA</u>		
G.J. Hamilton & Sons, Limited	Commercial Street, Pictou	B
<u>NEW BRUNSWICK</u>		
Marven's Limited	81 King St., Moncton	B, CA
Brown-Holder Biscuits Limited	Botsford Street, Moncton	B
T. Rankine Limited	10 Mill Street, St. John	B
<u>QUEBEC</u>		
Biscuits Montmagny Inc.	4 ieme Rue, Montmagny Station	B
Biscuits Select Limitee	1380 rue Gilford, Montreal	B
Charbonneau Limitee	1800 rue Nicolet, Montreal 4	B
Chateau Biscuit Co.	1 rue Dion, Ste. Therese	B
Cie, De Biscuits Aetna Ltee	1801 Ave. Delorimier, Montreal	B, C
Compagnie de Biscuits Stuart Limitee	235 Ouest Ave. Laurier, Montreal	B, CA
David and Frere, Limitee	1930 Champlain Street, Montreal	B
Frs. Leclerc Enr.	585 rue St. Vallier, Quebec	B
T. Gignac Ltee	700 - 2ieme rue Limoilou, Quebec	B
Harnois & Fils Limitee	171 rue Champlain, Joliette	B
Lachapelle, Avila	St. Esprit	B
N. Laurin & Fils Limitee	284 Richard, Joliette	B
Lido Biscuits Limitee	2190 Papineau Ave., Montreal	B, C
Viau Limitee	4951 est, rue Ontario, Montreal	B
<u>ONTARIO</u>		
Bader Bakery Limited	178 Vaughan Road, Toronto	B
Barker's Biscuits Limited	559 Davenport Road, Toronto	B, CA
Christie Brown and Company Limited	202 King St. E., Toronto 2	B, CA
Christie Brown and Company Limited	139 Sterling Road, Toronto	B
W. J. Crothers Company Limited	207-9 Wellington St., Kingston	B
Dad's Cookie Company Limited	940 Pape Avenue, Toronto 6	B
Dare Company, The, Limited	Sunrside	B
Imperial (The) Cone Co.	82-92 Dundas St., London	I
International Cone Co. Limited	360 Dufferin St., Toronto	I
McCormicks Limited	Dundas St. E., London	B
Ralph's Biscuits Limited	63 Fullerton Ave., Hamilton	B
Robinson Industries Limited	145 McNab Street N., Hamilton	I
Walker's Biscuits Limited	Church Street, Brockville	B
Weston, George, Limited	134 Peter Street, Toronto	B, CA
Windsor Wafers Limited	101 Broadway Street, Hamilton	B

LIST OF FIRMS IN THE BISCUIT INDUSTRY, 1947 - Concl'd.

		<u>MAIN PRODUCTS</u>
<u>MANITOBA</u>		
Christie Brown & Company Limited	1155 Notre Dame Ave., Winnipeg	B, I
Paulin Chambers Co. Ltd.	311 Ross Ave., Winnipeg	B, C
<u>SASKATCHEWAN</u>		
Dad's Cookie Co.	2810 Dewdney Ave., Regina	B
<u>ALBERTA</u>		
Dad's Cookies Limited	109-6th Avenue W., Calgary	B
Independent Biscuit Co. Limited	11th Avenue & 4th St. E., Calgary	B
Sunland Biscuit Co. Limited	9543-110th Avenue, Edmonton	B
Chinook Cone Co. Limited	10405-97th Street, Edmonton	I
<u>BRITISH COLUMBIA</u>		
Maple Leaf Biscuits	1661 Franklin Street, Vancouver	B
Dad's Cookie Co., (B.C.) Limited	466-68 Kingway, Vancouver	B
National Biscuit and Confection Company Limited	1706 - W. 1st Avenue, Vancouver	B, C
Ormond's Limited	242 Mary Street, Victoria	B, C

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