

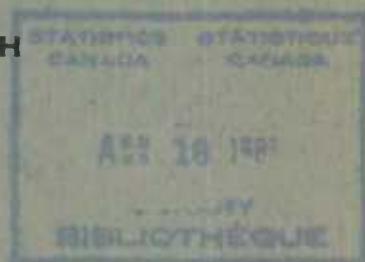
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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

GENERAL MANUFACTURES BRANCH



REPORT
ON THE
BISCUIT, CONFECTIONERY, COCOA
AND
CHOCOLATE INDUSTRIES
IN
CANADA
1940



OTTAWA
1941

Price 25 cents

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

GENERAL MANUFACTURES BRANCH

OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)
Chief, General Manufactures Branch: A. Cohen, B.Comm.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATEINDUSTRIES IN CANADA, 1940.

The trend of production in the biscuit, confectionery, cocoa and chocolate industries continued upward in 1940. The output was valued at \$58,718,262, an increase of 14.5 per cent over the previous year. The 204 establishments comprising this industry reported a capital investment of \$40,170,966. They furnished employment to 12,737 persons who were paid \$12,622,627 in salaries and wages and also paid out \$27,921,859 for materials. Compared with the previous year there were also increases of 4.8 per cent in the number of persons employed, 7.4 per cent in the salaries and wages paid and 5.2 per cent in the value added by manufacturing.

The number of individual plants reporting to the Bureau in 1940 totalled 204, a decrease of 12 from the previous year. The location of plants by provinces, was as follows: Ontario 84, Quebec 51, British Columbia 31, Manitoba 17, Saskatchewan and Alberta 9, Nova Scotia 7, and New Brunswick 5.

The main products of the industry in 1940 were: chocolate confectionery in bulk, 28,392,567 pounds valued at \$5,770,056; chocolate confectionery in dozen bars, 24,704,255 valued at \$9,153,414; chocolate confectionery in packages 11,904,834 pounds valued at \$3,596,086; sugar confectionery in bulk, 44,395,009 pounds valued at \$6,441,861. Biscuits, plain and fancy, 45,474 tons valued at \$11,311,059, and biscuits, soda, 15,013 tons valued at \$4,446,206. Detailed statistics of production are given in Table 6.

This industry is concentrated mainly in the province of Ontario. The 84 plants located there employed 58 per cent of the capital. They produced 58 per cent of the entire output and gave employment to 52 per cent of the persons engaged in the industry.

It should be remembered that the statistics published in the present report include only the statistics of those establishments having biscuits, confectionery, cocoa and chocolate as their principal products. Statistics relating to specific products are, therefore, not to be regarded as the total for Canada, since such products as biscuits, confectionery, etc. are also found as secondary products of the following industries: bread and other bakery products; coffee, tea and spices and medicinal and pharmaceutical preparations.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 1. - Principal Statistics of the Biscuit, Confectionery, Cocoa and Chocolate Industry, 1920-1940. 5/

Year	Estab-lish-ments No.	Capital Invested \$	Em-ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross 4/ Value of Products \$
1920	400	31,217,581	12,722	10,588,891	30,939,803	54,658,833
1921	372	30,655,589	11,286	9,736,789	22,600,821	46,758,014
1922	368	33,680,280	12,001	10,288,672	19,917,649	42,416,311
1923	361	36,827,117	12,724	11,125,161	23,959,877	48,394,175
1/ 1924	321	38,557,117	11,886	12,126,701	23,383,625	45,123,629
1925	320	40,770,096	11,958	10,512,770	23,227,967	46,745,355
1926	315	42,422,378	11,976	10,755,550	23,644,255	49,178,836
1927	294	46,448,311	12,486	11,399,594	25,149,428	53,128,888
2/ 1928	283	52,353,082	13,274	12,534,629	28,480,230	60,404,223
1929	281	55,320,902	13,073	12,765,876	27,717,889	63,070,709
1930	280	54,406,093	12,291	11,104,668	25,044,901	58,059,602
1931	282	51,530,443	12,145	10,892,636	20,207,678	49,285,042
3/ 1932	262	45,402,886	10,526	9,425,498	15,594,694	37,386,093
1933	236	41,410,901	9,891	8,114,254	15,725,547	35,176,094
1934	237	40,476,440	10,304	8,862,934	18,257,191	40,076,917
1935	234	37,779,319	10,446	9,315,563	19,231,189	41,197,833
1936	206	39,802,756	11,201	10,101,275	22,191,155	46,051,641
1937	223	38,565,652	11,879	10,892,004	24,351,815	49,475,403
1938	226	38,253,958	12,133	11,387,597	23,005,548	49,717,409
1939	216	37,858,363	12,152	11,748,656	22,846,696	51,301,152
1940	204	40,170,966	12,737	12,622,627	27,921,859	58,718,262

NOTE:

- 1/ In 1924 the statistics relating to the chewing gum industry were incorporated with the biscuit and confectionery industry.
- 2/ In 1928 the statistics relating to the cocoa and chocolate industry were included with the biscuit and confectionery industry.
- 3/ In 1932 firms manufacturing ice cream only were transferred from this industry to that of "miscellaneous dairy products".
- 4/ Selling Value at the Factory.
- 5/ 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.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 2. - Principal Statistics of the Biscuit, Confectionery, Cocoa and Chocolate Industry by Provinces, 1939 and 1940.

Provinces	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost-of Materials Used	Gross / Value of Products
						No. \$
<u>1939</u>						
CANADA	216	37,858,363	12,152	11,748,666	22,846,696	51,301,152
Nova Scotia	8	2,292,022	801	679,154	1,000,017	2,310,092
New Brunswick	6	1,385,363	626	450,293	806,178	1,627,315
Quebec	56	8,935,864	3,413	2,944,630	6,409,034	13,066,645
Ontario	86	22,380,268	6,212	6,649,437	12,735,227	29,947,939
Manitoba	18	1,632,511	550	479,971	999,472	2,343,827
Saskatchewan and						
Alberta	11	315,537	147	151,817	279,260	659,861
British Columbia..	31	916,798	403	393,354	617,508	1,345,473
<u>1940</u>						
, CANADA	204	40,170,966	12,757	12,622,627	27,921,859	58,718,262
Nova Scotia	7	2,418,513	884	713,296	1,396,454	2,866,935
New Brunswick	5	1,409,703	623	491,166	967,376	1,820,855
Quebec	51	9,940,602	3,354	3,048,434	7,914,970	14,952,153
Ontario	84	23,505,335	6,694	7,296,204	15,585,838	34,389,341
Manitoba	17	1,572,664	571	506,551	1,065,746	2,506,630
Saskatchewan and						
Alberta	9	336,862	151	154,185	309,376	684,389
British Columbia..	31	987,287	460	412,791	682,099	1,497,959

NOTE: 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.

Owing to frequent demands for information regarding the various groups included in the biscuit, confectionery, cocoa and chocolate industry, the following table has been prepared to show the principal statistics for each group.

The principal product of each plant determines the group in which it is placed. For example, in the biscuit group there are twenty-four plants manufacturing biscuits only and eleven plants manufacturing biscuits with confectionery as a subsidiary product. The same is true of the other groups. The firms in the confectionery group not only manufacture confectionery, but also chewing gum and ice cream and in some cases small quantities of biscuits.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 3. - Principal Statistics of the Biscuit, Confectionery, Cocoa and Chocolate Industry, Classified according to the Main Products of each Establishment.

	Establishments whose Principal Products were -				Total
	Biscuits	Chewing Gum	Confectionery including cocoa and chocolate		
Establishments reporting No.	35	8	161	204	
Capital invested	\$ 12,327,793	3,118,807	24,724,366	40,170,966	
Employees on salaries .. No.	1,371	189	1,382	2,942	
Salaries paid	\$ 2,244,459	411,095	2,715,269	5,300,823	
Employees on wages, No.	3,548	259	5,988	9,795	
Wages paid	\$ 2,494,309	240,038	4,517,457	7,251,804	
Cost of materials used.. \$	9,745,082	1,410,928	16,765,849	27,921,859	
Gross value of products. \$	22,146,154	3,928,829	32,645,279	58,718,262	

Table 4. - Comparison of Principal Statistics, 1939 and 1940.

Items		1939	1940	Increase + Decrease -
Establishments reporting	No.	216	204	- 12
Capital invested	\$	37,858,363	40,170,966	+ 2,312,603
Employees on salaries -				
Total	No.	2,907	2,942	+ 35
Male	No.	2,332	2,334	+ 2
Female	No.	575	608	+ 33
Total salaries	\$	5,012,550	5,370,823	+ 358,273
Employees on wages -				
Monthly average	No.	9,245	9,795	+ 550
Male	No.	4,103	4,182	+ 79
Female	No.	5,142	5,613	+ 471
Total wages	\$	6,746,106	7,251,804	+ 505,698
Power equipment -				
Units	No.	4,336	4,334	- 42
Horse-power capacity	H.P.	24,501	24,083	- 418
Cost of fuel and electricity	\$	799,491	876,505	+ 77,014
Cost of materials used	\$	22,846,696	27,921,859	+ 5,075,163
Gross value of production	\$	51,301,152	58,718,262	+ 7,417,110
Value added by manufacture	\$	28,454,456	29,919,898	+ 1,465,442

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 5. - Principal Statistics of the Biscuit, Confectionery, Cocoa and Chocolate Industries, Grouped according to the Size of Establishment.

Groups of Values of Production	Establishments	Capital	Wage-earners		Wages	Total Employees	Total Salaries and Wages	Cost of Materials	Value of Production	Cost of fuel and electricity
			Male	Female						
Under \$5,000	54	1,009,978	195	163	199,380	471	338,872	892,866	1,538,143	32,032
\$5,000 to under \$25,000	53	618,445	70	137	127,841	278	192,663	356,246	681,956	21,886
\$25,000 to under \$50,000	14	239,151	39	65	64,611	137	104,164	260,855	459,636	9,500
\$50,000 to under \$100,000	19	763,335	173	227	266,931	471	382,790	748,591	1,345,685	31,517
\$100,000 to under \$500,000	36	5,795,528	745	1,136	1,241,830	2,381	2,035,720	4,810,278	9,072,479	161,096
\$500,000 to under \$1,000,000	12	5,466,387	683	843	1,147,430	1,887	1,776,595	4,004,895	8,245,110	115,187
\$1,000,000 and over	16	26,278,142	2,277	3,042	4,203,781	7,112	7,791,823	16,848,128	37,375,253	505,287
TOTAL	204	40,170,966	4,182	5,613	7,251,804	12,737	12,622,627	27,921,859	58,718,262	876,505

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 6. - Production by Items for Canada.

Items of Production 1/	Unit of Measure	1939		1940	
		Quantity	Selling Value	Quantity	Selling Value
Biscuits, plain and fancy ..	Ton	41,492	10,071,536	45,474	14,311,059
Biscuits, soda	"	13,991	4,102,351	15,013	4,446,206
Bread	Pound	7,449,248	402,080	17,093,185	935,513
Chewing gum	Boxes	6,885,089	3,314,721	7,270,236	3,814,668
Chocolate coatings for sale.	Pound	10,989,937	1,330,205	12,073,598	1,607,418
Chocolate coatings for own use.....	"	4,124,613	-	6,704,400	-
Cocoa powder for sale	"	6,183,314	1,002,738	7,387,528	1,207,372
Cocoa powder for own use	"	2/	-	2/	-
Cocoa butter for sale	"	1,174,675	178,247	2,087,560	379,788
Cocoa butter for own use	"	3,209,535	-	4,137,213	-
Other cocoa and chocolate preparations for sale	"	1,152,946	268,092	1,380,916	357,497
Other cocoa and chocolate preparations for own use..	"	2/	-	2/	-
Chocolate confectionery, in bulk	"	27,821,918	5,527,449	28,392,567	5,770,056
Chocolate confectionery, in bars	Doz. bars	20,222,227	7,569,782	24,704,255	9,153,414
Chocolate confectionery, in packages	Pound	10,322,633	3,113,834	11,904,834	3,596,086
Sugar confectionery, in bulk	"	43,612,864	6,122,832	44,395,009	6,441,861
Sugar confectionery, in bars.	Doz. bars	881,143	338,234	1,186,184	475,821
Sugar confectionery, in packages	Pound	1,965,211	705,256	4,441,890	1,269,156
Confectionery, penny goods ..	Gross	3,098,538	2,644,830	3,344,253	2,707,952
Ice cream	Gallon	720,642	898,586	813,541	1,050,150
Lozenges	Pound	1,341,737	193,292	1,489,884	216,886
Nuts, salted (walnuts, almonds, etc.)	"	257,605	100,461	299,670	120,676
Cake and other bakery products	"	-	2,169,822	-	2,545,637
Peanuts, salted and roasted.	Pound	1,243,509	121,464	1,208,087	127,570
Popcorn, including popcorn confectionery	"	1,288,189	335,568	1,519,776	390,651
All other products	"	-	3//789,772	-	3//792,825
TOTAL VALUE OF PRODUCTS		-	51,301,152	-	58,718,262

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 cocoa is also produced in the coffee, tea and spice 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, mincemeat, peanut butter, ice cream cones, pretzels, syrups, and "other" cocoa and chocolate preparations.

THE BISCUITS, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 7. - Materials Used by Quantity and Cost Value, 1939 and 1940.

Class of Materials	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Albumen	lb.	34,276	37,394	26,347	27,506
Baking powder	"	49,856	6,998	54,072	7,880
Bicarbonate of ammonia	"	109,876	6,078	122,451	8,974
Butter	"	1,034,226	247,042	987,688	261,591
Cacao beans	"	24,633,130	1,715,902	29,744,396	2,435,460
Carbonate of ammonia	"	17,452	1,291	17,930	1,635
Chicle	"	1,060,906	417,713	1,177,540	511,784
Chocolate coatings	"	8,735,012	1,084,558	9,299,922	1,217,855
Cocoa powder	"	1,241,276	84,492	1,167,676	84,082
Cocoa and chocolate preparations, n.o.p.	"	354,968	67,575	13,896	2,183
Cocoa butter	"	5,905,673	879,949	6,585,420	1,137,350
Cocoa butter substitute	"	1,090,488	85,174	1,085,680	98,337
Cocoanut, shredded	"	2,195,865	221,051	2,642,052	274,470
Cocoanuts	Bag	15,741	36,604	14,046	42,235
Cooking oils: -					
(a) Corn	lb.	94,877	6,469	70,322	6,509
(b) Cocoanut	"	1,309,057	82,264	1,927,469	121,788
(c) Cottonseed	"	70,009	4,907	7,954	805
(d) Other cooking	"	1,209,553	97,392	1,337,402	117,924
(e) Olive	"	1,488	154	1,655	318
(f) Soya bean	"	20,100	1,422	57,500	4,926
Corn for popping	"	721,700	29,979	877,665	43,549
Corn starch	"	1,036,858	46,006	1,116,179	56,239
Cream	Gal.	272,447	223,675	289,293	271,949
Cream powder	lb.	6,864	3,128	17,506	3,765
Cream of tartar	"	33,670	7,059	28,189	7,155
Eggs in shell	Doz.	84,456	18,323	182,296	37,494
Eggs, frozen	lb.	809,442	158,654	833,199	150,612
Egg powder	lb.	41,161	36,765	59,884	50,713
Egg substitutes	lb.	6,752	811	17,023	1,660
Extracts	-	-	423,410	-	425,465
Flour	Bbl.	394,725	1,260,518	444,340	1,682,530
Fruits, dried	lb.	3,379,478	314,904	3,655,503	348,030
Fruits, fresh	"	1,147,199	88,863	1,261,994	81,154
Gelatine	"	445,136	124,648	196,897	160,409
Gluçose	"	33,109,745	1,270,265	34,983,157	1,444,205
Lard	"	1,018,627	80,220	1,299,521	95,378
Malt	"	125,690	12,247	109,664	9,832
Malt flour	"	32,914	3,956	39,185	3,298
Malt extract or syrup	"	235,816	20,436	254,134	22,777
Milk condensed	"	5,930,603	427,246	7,410,003	557,591
Milk, fresh and skim	gal.	1,264,077	222,350	1,226,609	220,817
Milk powdered	lb.	3,717,799	357,110	3,915,063	417,712
Molasses	"	2,699,157	76,595	4,316,842	101,371
Nuts, walnuts, almonds, etc.)					
(a) Shelled	"	1,994,220	491,631	2,537,128	616,830
(b) Unshelled	"	41,364	9,400	41,213	9,835

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 7. - Materials Used by Quantity and Cost Value, 1939 and 1940
(Concluded)

Class of Materials	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Peanuts, green	lb.	5,814,277	\$ 299,127	7,427,190	\$ 407,451
Peanuts, roasted	lb.	914,575	44,574	631,646	36,502
Potato starch and flour	lb.	116,718	3,843	72,486	4,030
Salt	lb.	1,485,960	13,222	1,648,845	16,487
Shortening	lb.	10,865,550	843,978	11,511,131	973,150
Sodium bicarbonate (baking soda)	lb.	655,151	20,620	618,960	20,686
Sugar	lb.	105,598,024	5,416,704	112,648,378	6,625,932
Syrups	gal.	108,689	45,881	70,824	52,767
Vanilla beans	lb.	6,114	25,987	4,300	30,506
Yeast	"	131,741	25,040	279,794	45,919
Yeast powder and other bread improvers	"	14,989	1,166	36,765	1,745
Boxes, containers, etc.	"		3,602,245	-	4,731,418
All other materials	"		1,711,683	-	1,791,284
TOTAL	"		22,846,696	-	27,921,859

Table 8. - Consumption of Biscuits and Confectionery in Canada, 1939 and 1940.

	Biscuits		Confectionery	
	Quantity	Value	Quantity	Value
			Lb.	\$
1939				
Production	110,966,000	14,173,887	145,423,946	26,551,077
plus				
Imports	3,784,902	379,968	3,638,011	499,704
Total	112,750,902	14,553,855	147,061,957	27,050,781
less				
Exports	2,846,800	227,997	981,749	205,266
Available for consumption	109,904,102	14,325,858	146,080,208	26,845,515
per capita consumption	9.71	1.27	12.9	2.37
1940				
Production	120,974,000	15,757,265	159,189,872	30,021,883
plus				
Imports	1,599,992	269,429	2,064,181	364,968
Total	122,573,992	16,026,694	161,254,053	30,386,851
less				
Exports	3,223,300	231,564	1,607,827	314,118
Available for consumption	119,350,692	15,795,130	159,646,226	30,072,733
per capita consumption	10.44	1.37	13.9	2.63

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 9(a). - Capital Investment, 1920 - 1940.

Year	Number of plants Reporting	Fixed Capital	Working Capital		Total Capital
		Present value of land, Buildings fixtures machinery tools and other equipment	Inventory value of materials on hand, Stocks in process finished products, Fuel and Miscellaneous supplies on hand	Cash trading and operating accounts, etc.	
		\$	\$	\$	\$
1920	400	17,000,388	7,003,683	7,213,510	31,217,581
1921	372	17,726,776	5,958,868	6,969,945	30,655,589
1922	368	20,839,153	5,678,891	7,162,236	33,680,280
1923	361	22,252,987	6,696,691	7,877,439	36,827,117
1/ 1924	321	23,719,658	7,006,582	7,830,877	38,557,117
1925	320	24,923,724	6,726,871	9,119,501	40,770,096
1926	315	27,016,666	6,770,258	8,635,454	42,422,378
1927	294	28,583,385	7,331,655	10,533,271	46,448,311
2/ 1928	383	32,140,436	8,744,965	11,467,681	52,353,082
1929	281	32,276,540	9,715,298	13,329,064	55,320,902
1930	280	32,255,214	9,421,674	12,729,205	54,406,093
1931	282	32,028,470	8,131,112	11,370,861	51,530,443
3/ 1932	262	29,077,098	6,770,355	9,555,433	45,402,886
1933	236	24,727,212	6,630,443	10,053,246	41,410,901
1934	237	23,597,862	5,955,253	10,923,325	40,476,440
1935	234	22,866,631	5,469,322	9,443,366	37,779,319
1936	206	23,033,549	7,372,463	9,396,744	39,802,756
1937	223	22,281,722	7,816,749	8,467,181	38,565,652
1938	226	22,394,857	7,199,120	8,659,981	38,253,958
1939	216	21,479,768	7,798,697	8,579,898	37,858,363
4/ 1940	204	20,991,683	8,906,784	10,272,499	40,170,966

NOTE: 1/ In 1924 the statistics relating to the chewing gum industry were incorporated with the biscuit and confectionery industry.

2/ In 1928 the statistics relating to the cocoa and chocolate industry were included with the biscuit and confectionery industry.

3/ In 1932 firms manufacturing ice cream only were taken out of this industry.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 9(b). - Capital Investment by Provinces, 1940.

Provinces	Number of Plants Reporting	Fixed Capital	Working Capital		Total Capital
		Present value of land, buildings, fixtures, machinery, tools and other equipment	Inventory value of materials on hand, Stocks in process, Finished products Fuel and Miscellaneous supplies on hand	Cash trading and operating accounts, etc.	
CANADA.....	204	20,991,683	8,906,784	10,272,499	40,170,966
Nova Scotia	7	1,013,241	539,573	865,699	2,418,513
New Brunswick	5	581,840	329,257	498,606	1,409,703
Quebec	51	4,383,119	2,614,484	2,942,399	9,940,602
Ontario	84	13,276,073	4,900,058	5,329,204	23,505,335
Manitoba	17	1,090,605	257,251	224,808	1,572,664
Saskatchewan and Alberta	9	161,892	73,049	101,921	336,862
British Columbia ..	31	484,913	193,112	309,262	987,287

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Statistics of employment in the biscuit, confectionery, cocoa and chocolate industries during the calendar years 1939 and 1940 are presented in the following tables.

Table 10(a) - Employees, Salaries and Wages, by Provinces, 1939 and 1940.

Provinces	Employees on Salaries			Employees on Wages		
	Male No.	Female No.	Salaries \$	Male No.	Female No.	Wages \$
<u>1939</u>						
CANADA	2,332	575	5,012,550	4,103	5,142	6,746,106
Nova Scotia	74	28	179,517	249	450	499,637
New Brunswick	115	47	213,028	161	303	237,265
Quebec	577	121	1,166,296	1,347	1,368	1,788,334
Ontario	1,358	338	3,072,024	2,031	2,485	3,577,413
Manitoba	98	18	177,166	160	274	302,805
Saskatchewan and Alberta	32	3	67,864	44	68	83,953
British Columbia	78	20	136,655	111	194	256,699
<u>1940</u>						
CANADA	2,334	608	5,370,832	4,182	5,613	7,251,804
Nova Scotia	84	26	181,571	252	522	531,725
New Brunswick	108	44	229,865	172	299	261,301
Quebec	524	140	1,227,773	1,281	1,409	1,820,661
Ontario	1,400	345	3,330,040	2,149	2,800	3,966,164
Manitoba	97	23	191,624	165	286	314,927
Saskatchewan and Alberta	28	5	71,305	45	75	83,250
British Columbia	93	25	138,645	118	224	274,146

Table 10(b) - Monthly Employment of Wage-earners, 1939 and 1940.

Months	1939			1940		
	MALE No.	FEMALE No.	TOTAL No.	MALE No.	FEMALE No.	TOTAL No.
January	3,914	4,764	8,678	4,022	5,074	9,096
February	3,941	4,754	8,695	4,055	5,138	9,187
March	3,935	4,827	8,762	3,998	5,179	9,177
April	3,891	4,883	8,774	3,985	5,128	9,113
May	3,950	4,800	8,750	4,075	5,138	9,213
June	3,951	4,841	8,792	4,064	5,064	9,128
July	3,901	4,640	8,541	3,982	5,067	9,049
August	4,051	5,087	9,138	4,176	5,474	9,650
September	4,522	5,948	10,470	4,473	6,332	10,805
October	4,678	6,188	10,866	4,647	6,753	11,400
November	4,565	6,129	10,694	4,595	6,853	11,448
December	3,991	5,049	9,040	4,275	5,977	10,252
Average Monthly Employment	4,103	5,142	9,245	4,182	5,613	9,795

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 10(c). - Hours Worked in Month of Highest Employment, 1940.

Hours Worked per Week	Number of Wage-earners in Months of Highest Employment whose Regular Hours per Week were -																	
	CANADA		P.E.I. and Nova Scotia		New Brunswick		Quebec		Ontario		Manitoba		Saskatchewan and Alberta		British Columbia			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
30 hours or less ..	139	267	23	52	1	1	10	31	97	155	4	18	2	1	2	9		
31 - 43 hours	302	662	4	61	-	-	22	96	260	440	5	23	-	4	11	38		
44 hours	134	445	9	6	1	3	-	163	46	101	53	119	11	6	14	47		
45 - 47 hours	364	1,058	3	30	43	59	29	140	249	738	-	28	1	2	39	61		
48 hours	588	1,456	12	33	109	245	156	596	177	353	39	78	19	32	76	119	12	
49 - 50 hours	852	441	12	13	47	75	459	88	325	223	7	38	1	4	1	-		
51 - 54 hours	524	1,117	61	53	-	-	283	247	348	763	20	17	12	35	-	2		
55 hours	307	268	11	4	-	-	192	104	94	123	9	37	-	-	1	-		
56 - 64 hours	998	1,028	71	345	-	-	324	173	571	500	32	10	-	-	-	-		
65 hours	534	225	95	42	-	-	117	33	298	149	24	1	-	-	-	-		
Average hours 1940, per week .. 1939.	52.2	49.2	56.9	53.3	47.8	47.9	54.0	49.1	52.2	49.0	51.7	46.2	47.2	48.8	45.9	44.6		
Average weekly earnings ... 1940	\$20.00	12.60	22.17	12.73	15.44	9.17	17.78	11.14	20.74	12.78	22.17	12.33	24.13	13.03	27.48	12.66		
1939	18.92	11.34	17.21	9.71	14.91	9.21	17.28	10.37	20.24	12.39	21.88	10.24	20.54	12.42	20.62	12.94		

1940 figures include overtime.

1939 figures do not include overtime.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 13. - Power Equipment, 1939 and 1940.

Classes of Power	1939		1940	
	Number of Units	Manufacturers' Rating of Horse - power Capacity	Number of Units	Manufacturers' Rating of Horse - power Capacity
Steam engines and turbines -				
In use	23	2,511	19	2,516
Idle	2	50	2	55
Diesel engines -				
In use	1	28	-	-
Idle	-	--	-	-
Electric motors operated by purchased power -				
In use	4,050	20,530	4,036	20,217
Idle	174	923	32	438
TOTAL POWER USED IN MANUFACTURING	4,063	23,069	4,055	22,733
Operated by power generated by the establishment ...	138	459	-	-
Boiler Installation -- In use	87	7,699	84	7,588
Idle	8	715	10	1,055

Table 12. - Fuel Consumption in Canada by Classes, 1939 and 1940.

Classes of Fuel	Unit of Measure	1939		1940	
		Quantity	Cost at the Factory	Quantity	Cost at the Factory
	Ton		\$		\$
Bituminous coal, all grades...	(2000 lb.)	38,150	235,289	39,868	257,838
Anthracite coal, all grades ..	"	5,319	51,757	4,365	44,532
Lignite coal, all grades	"	1,188	3,864	1,100	3,894
Coke	"	568	5,132	581	5,708
Gasoline	Imp. gal.	50,293	11,635	198,487	47,832
Fuel oils	" "	1,056,229	59,772	1,000,017	64,082
Wood	Cord	571	2,424	560	2,350
Gas, manufactured and natural.	M cu.ft.	217,260	125,613	256,192	141,874
Electricity purchased	-	--	299,401	--	307,212
All other fuel, not specified	-	--	4,604	--	1,183
TOTAL COST OF FUEL AND ELECTRICITY	-	--	799,491	--	876,505

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Table 13. - Imports of Biscuits, Confectionery, Cocoa and Chocolate during the Calendar Years, 1939 and 1940.

Article Imported	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
Biscuits, sweetened or not	lb.	585,917	\$ 183,999	496,433	\$ 143,554
Biscuits, not sweetened, n.o.p.	"	1,914,952	188,982	959,713	108,883
Biscuits, sweetened, n.o.p.	"	284,033	26,987	143,846	16,992
Confectionery, coated with or containing chocolate...	"	470,124	99,647	272,247	67,044
Sugar candy, and confection- ery of all kinds, n.o.p. .	"	3,167,887	400,057	1,791,934	297,924
Chicle or sappato gum, crude	"	784,836	257,396	1,472,508	600,925
Cocoa beans, not roasted nor ground	cwt.	294,255	1,529,787	342,528	2,070,793
Cocoa butter	lb.	3,786,715	519,051	4,951,210	672,249
Cocoa paste or liquor, not sweetened	"	10,832	1,697	7,015	1,075
Cocoa paste or liquor, sweetened	"	64,394	8,983	63,977	8,605
Cocoa or chocolate, prepa- rations of, in powder form	"	2,929,950	216,159	1,920,093	184,432
Cocoa or chocolate, prepa- rations of, n.o.p.	"	164,979	22,470	98,933	12,114
Chewing gum, sweetened	"	17,725	4,042	38,720	8,690

Table 14. - Exports of Biscuits, Confectionery, Etc., during the Calendar Years, 1939 and 1940.

Article Exported	Unit of Measure	1939		1940	
		Quantity	Value	Quantity	Value
Biscuits and bread	cwt.	28,468	\$ 227,997	32,233	\$ 231,564
Candy	lb.	831,745	167,765	1,443,347	281,222
Cocoa and chocolate pre- parations, not including candy	-	-	27,787	-	31,107
Confectionery, n.o.p.	-	-	37,501	-	32,896
Chewing gum	-	-	90,128	-	59,980

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

Index to Principal Products

B - Biscuits.
C - Cocoa.
CH - Chocolate.

CF - Confectionery
CG - Chewing gum.

I - Ice Cream.
P - Popcorn.

NOVA SCOTIA

De Wolfe, T. P. & Sons
Hamilton, G. J., & Sons Limited
Moirs Limited,
Melanson, Louis A. Co.,
Robertson, W. C.
Rogers, Miss Mary,
Yeaton, George H.,

Second Street, Yarmouth
Commercial Street, Pictou
128 Argyle Street, Halifax
Church Point
227 Queen Street, Truro
R. R. No. 2, Sand Beach
Hantsport

MAIN PRODUCTS

CF
B
CF, B
CG
CF
CF
CF
CF

NEW BRUNSWICK

Brown-Holder Biscuit Limited,
Ganong Brothers Limited,
Marven's Limited,
Phillips, T. J.
Rankine, T., & Sons Limited,

Botsford Street, Moncton
St. Stephen
81 King Street, Moncton
429 Main Street, St. John
10-14 Mill Street, Saint John

B
CF
B
CF
B

QUEBEC

Allan, C. S., & Company Limited,
Apollo Candy Products Reg'd.
Beaver Candy Company,
Belanger, L. H., & Cie,
Belley, C., & Son
Biscuit, Select, Limitée
Bonbon, Yolande
Boulet, Henri, (La Manufacture de
 Biscuits, Montmagny, Reg'd.)
Charbonneau Limited,
Compagnie de Biscuits Stuart,
Compagnie de Biscuits Aetna Limitée
David & Frère,
"Denyse", Mrs. A. Herbert
Dufresne, H., Company Limited,

Federal Confectionery, Inc.,
Fournier & Frère
Fry, Cadbury Limited,
General Foods Limited
Gignac, Tancrede

776 Chatham Street, Montreal CF
5364 St. Lawrence Blvd., Montreal CF
207 Duluth Street, East, Montreal CF
591 Ave. Ash, Montreal CF
4243 Lafrance, Montreal CF
1380 rue Gilford, Montreal B
139-10 ieme, Quebec CF

Montmagny
1800 Nicolet Street, Montreal B
235 Laurier Avenue, Montreal B, CF
1801 Delorimier, Montreal B, CF
1930 Champlain Avenue, Montreal B, CF
4909 Sherbrooke St., Montreal CF
5577 St. Dominique Street,
 Montreal CF
524 Duluth Street, Montreal CF
91½ Christophe Colomb, Quebec CF
3510 Albert Street, Montreal C, CH, CF
3510 Albert Street, Montreal C, CH, CF
126 2ieme rue, Limoilou,
 Quebec B
4105 Richelieu Street, Montreal CH
1973 rue St. Philippe, Trois
 Rivières B, CF

Gilmour Brothers & Co. Limited,
Godin, J. N. Limitée

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

QUEBEC -(Concl'd.)

MAIN PRODUCTS

Guay, Georges	7148 Boyer, Montreal	CF
Hamel, L. H.	6750 Blvd., Monk, Montreal	CF
Harnois & Fils Limitée	3 rue Champlain, Joliette	B
Hickman, Walter & Son	6456 3rd Avenue, Rosemount	CF
Lachapelle, Ovila	St. Esprit	B
Laura Secord Candy Shops Limited,	869 Viger Avenue, Montreal	CF
Laurin, J. A., Limitée	1 Dion St., Ste. Therese de Blainville	B
Laurin, N. & Fils,	14 Avenue Richard, Joliette	B
Leclerc Frs.,	585 rue St. Valier, Quebec	B
Lido Biscuits Limitée	2190 Papineau Street, Montreal	B, CF
Lowney, The Walter M., Company of Canada Limited	350 Inspector Street, Montreal	C, CH, CF, P.
McLean's Cocoa Mills Ltd.	1109 Cote St., Montreal	C
Montreal Candy Limited,	1108 Clarke Street, Montreal	CF
National Mint Company,	365 St. Paul Street West, Montreal	CF
National Licorice Company,	4211 Rouen Street, Montreal	CF
Orianda Candy Mfg. Co.	1171 Sanguinet St., Montreal	CF
Original Turkish Delight Manufacturing Company,	5818 St. Lawrence Blvd., Montreal	CF
Pepin & St. Germain,	4058 Parthenais Street, Montreal	CF
Regal Candy Company,	4675 St. Catherine Street, Montreal	CF
Regina Candy Company, (J. Maniates & J. Mechias)	6523 St. Lawrence Blvd., Montreal	CF
Robinson & Company	1653 St. Catherine St. West, Montreal	CF, I.
Sachsen Brothers,	5364 St. Lawrence Blvd., Montreal	CF
Sally Sweet Shoppe	4026 Ontario St. East, Montreal	CF
St. Lawrence Candy Company,	1463 Parthenais Street, Montreal	CF
Stilwell's Homemade Candy	5123 Wellington St., Verdun	CF
Teaberry Chewing Gum,	14 Albert Street, Sherbrooke	CG
Vaillancourt Limitée	1691 Dorion Street, Montreal	CF
Verdon, D. Limitee,	230 rue St. Helene, Quebec	CF
Viau Limitee,	4951 rue Ontario Est, Montreal	B, CF
World Wide Gum Company Limited,	175 Franklin Street, Granby	CG

ONTARIO

Allan Candy Mfg. Co.,	126 Catherine St. W., Hamilton	CF
Alchin, W. R.	26 Simcoe Street, Oshawa	CF
Armitage, Frank	2009 Dundas St. W., Toronto	CF
Atlas Candy Mfg. Co.	859 Lansdowne Ave., Toronto	CF
Beech-Nut Company of Canada, Ltd.,	Corner Cumberland & Sandford Avenues, Hamilton	CG, CF
Balmer, H. B. Limited,	22 Geary Avenue, Toronto	CF
Biggar, Harriet	Grimsby	CF
Bighams Ltd.	144 Thomas St., London	CF, I.
Boomer Limited	181 Dundas Street, London	CF
Borden Company Ltd.,	Norwich	CF
Brownie Chocolate Products,	467 Wellington Street, Toronto	CF
Canadian Chewing Gum Company Ltd.,	14 Dickens Street, Toronto	CG, CF.

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

ONTARIO - (Cont'd.)

MAIN PRODUCTS

Caremade Candy Company	2745 Dundas Street West, Toronto	CF
Chatham Candy Kitchen, (John Anderson)	52 King Street West, Chatham	CB
Chocolate Sales Company	301 King St. E., Toronto	CF
Christie, Brown & Company Limited,	202 King Street East, Toronto	B
Christie, Brown & Company Limited,	139 Sterling Road, Toronto	B
Crothers, W. J. & Company Limited,	209 Wellington Street, Kingston	CF, B
Dalley, A. R.	285 Vaughan Road, Toronto	CF
Danziger, Hyman, (Union Candy Company,)	123 Denison Avenue, Toronto	CF
Denison, R. A.,	2384 Bloor St. W., Toronto	CF, I.
Devonshire Manufacturing Company, (Chas. Hopkins),	200 Sussex Mews, Toronto 4	CF, P
Doerr, C. H., Company, Limited	120 West Weber Street, Kitchener	B, CF
Eaton, The T., Company Limited	190 Yonge Street, Toronto	CF
Elliot Candy,	64 Chambers Ave., Toronto	CF
Emid, F.,	130½ Queen Street East, Toronto 2,	CF
Evison, S.,	1750 St. Clair Avenue, Toronto 9,	CF
Foster, G. H.	1595 Dundas Street West, Toronto	CF
Gelman, Ben	113 Clarence Street, Ottawa	CF
Grierson, Charles H.,	207 Ottawa Street North, Hamilton	CF, I
Hamblin-Metcalfe Limited,	Weber & Cameron Streets, Kitchener	CF, CH
Hamilton Chewing Gum Limited,	52 John Street North, Hamilton	CG
Heller Limited	156 King Street, Chatham	CF, I
Hern, F.	30 Schofield Ave., Brockville	CF
Hook, The Harry, Company	60 Roselawn Avenue, Toronto	CF
Hornastle, C.	209 King Street East, Hamilton	CF
Howe Candy Limited,	36 Margaret Street, Hamilton	CF
Hunts Limited,	62 Alcorn Avenue, Toronto 5	CF, I
Jamieson, D. C.,	106 South Christina Street, Sarnia	CF
Jenny Lind Candy Company Limited	301 Lansdowne Avenue, Toronto	CF
Kerr Brothers,	54 Wolseley Street, Toronto	CF
King, Mrs. Edith R.,	377 Dundas Street, Woodstock	CF, I
Laing & Sons,	169 King William Street, Hamilton	CF
Laura Secord Confection Limited,	60 Bathurst Street, Toronto	CF
Legault, Jas.	4 Bridge Street, Belleville	CF, I
Life Savers Limited,	225 Sanford Avenue South, Hamilton	CE, CG
Loblaw Grocereteria Company Limited	Fleet & Bathurst Streets, Toronto	CF
Loeb, M., Limited	429 Sussex Street, Ottawa	CF
McCormick's Limited	Dundas Street East, London	B, CF
Manning Biscuit Company Limited,	559 Davenport Rd., Toronto	B
Mayfair Confections	1844 Davenport Road, Toronto	CF
Mode'n View Candies	373 Eglinton Ave. W, Toronto	CF
Neilson, Wm., Limited	277 Gladstone Avenue, Toronto	C, CH, CF, I.
Old English Sweetmeats	369 Parliament St., Toronto	CF
Oldfield & Sons	3349 Danforth Ave., Toronto	CF
Olympia Tea Room (Chris. Tozios),	106 Kent Street, Lindsay	CF, I
O-Pee-Chee Company Limited,	420 Adelaide Street, London	CG, P, CF.
Patterson, Wm., Limited	34 Colborne Street, Brantford	CF
Patterson Chocolates Company Ltd.,	951 Queen Street West, Toronto	CF

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

ONTARIO - (Concl'd.)

MAIN PRODUCTS

Perfection Candy Company,	241 Queen Street, Toronto	CF
Pure Gold Manufacturing Co., Ltd.,	381 College Street, Toronto	C,CH,CF
Purity Popcorn Limited,	148 Ossington Avenue, Toronto 3	P,CF
Rankin, H. G.,	81 Ontario Street, Stratford	CF,I.
Robertson Brothers Limited	103 Queen Street East, Toronto	CF
Row & Company	Brockville	CG
Rowntree Company Limited	72 Sterling Road, Toronto	C,CH,CF
Royal Confections	584 College Street, Toronto	CF
Ryan Candy Co.,	880 Dufferin St., Toronto	CF
Sanders & Holcombe,	389 Talbot Street, St. Thomas	CF
Schnieder, J. H.,	123 MacDonnell Street, Guelph	CF
Scott, John B.,	91 Main Street, Galt	CF
Sugar Bowl Candy Kitchen	Arnprior	CF, I
Tiffany Confections Limited	288½ King Street East, Hamilton	CF
Toronto Creamy Toffee Company	38 Hizons St., Toronto	CF
Unique Candy Company,	2063 Dundas Street West, Toronto	CF
Victoria Candy Kitchen	249 St. Paul St., St. Catharines	CF, I
Walker's Bread Limited	Brockville	B
Walkers Candies,	574 Goyeau Street, Windsor	CF
Watson, Robert, Company, Limited	363 Sorauren Avenue, Toronto	CF
Weston, George, Limited	134 Peter Street, Toronto	B
Willards Chocolates Limited	443 Wellington Street, Toronto	CF, CH
Windsor Wafers Limited	101 Broadway, Hamilton	B, CF
Wrigley, Wm. Company, Limited	235 Carlaw Avenue, Toronto	CG, CF
Yates Candy Company	90 Sherbourne Street, Toronto	CF

MANITOBA

Barter, E.	564 Arlington Ave., Winnipeg	CF
Bond & Ronald,	690 McGee Street, Winnipeg	CF
Chislett, Harry W.,	491 Jubilee Avenue, Winnipeg	CF
Christie, Brown & Company Limited	1155 Notre Dame Avenue, Winnipeg (H.O. 202 King Street East, Toronto, Ontario).	B
Consolidated Candy Company,	934 Sherbrooke Street, Winnipeg	CF
Del's Confectionery,	455 Portage Avenue, Winnipeg	CF, I.
Eaton, T., Company, Limited,	Winnipeg	CF
Galpern, L.,	4 Traders' Building, Winnipeg	CF
Gulland, C.E., (Penns Chocolate Shop)	1939 Portage Avenue, Winnipeg	CF
Mitrou Candy Co. Ltd.,	836 Rosser Ave., Brandon	CF, I.
Park Candy Kitchen	817 Portage Avenue, Winnipeg	CF, I.
Pauline Chambers Company Limited	311 Ross Avenue, Winnipeg	B, CF
Picardy Candy Limited,	540 Broadway, Winnipeg	CF, I
Progress Candy Company, (J. Schwartzstein),	448 King Street, Winnipeg	CF
Shore, S., Candy Company,	245 Jarvis Avenue, Winnipeg	CF
Swiss Process Chocolates (Canada) Limited,	207 Jarvis Street, Winnipeg	CF
Weinshenker, B., Candy Company,	401 Flora Avenue, Winnipeg	CF

THE BISCUIT, CONFECTIONERY, COCOA AND CHOCOLATE INDUSTRIES IN CANADA, 1940.

SASKATCHEWAN

	<u>MAIN PRODUCTS</u>
Faille, Oscar, (Home Candy Works), Farewell's	CF CF

ALBERTA

Bridgeman, J.N. (The Chocolate Shop)	CF
Climie Chocolate Company,	CF
Independent Biscuit Co. Limited,	B
Noble Candy Company,	CF
Olivier, G. F.	CF
Pavey's Candy Company Limited,	CF
Sunland Biscuit Company Limited,	B
1217 1st Street West, Calgary	
9912-90th Avenue, Edmonton	
438 - 11th Street, Calgary	
224 - 9th Avenue West, Calgary	
1005A First Ave., Calgary	
9945-105A Avenue, Edmonton	
9543 - 110th Avenue, Edmonton	

BRITISH COLUMBIA

Adrien's Mfg. Confectionery	CF
Baines, F. J. H., (Lilleys Confectionery),	CF, I.
Brown, L. & C.	CF
Graven Candy Company,	CF
Essy's Candy Company Limited	CF
Dad's Cookie Company (B.C.) Limited	B
Debrett Limited	CF
Greta Ann Chocolates & Candy	CF
Forrester, H. G.	CF
Irving, Fred. & Pearl	CF
Jordon, A. M.	CF
McKillop, K. G.,	CE
Nabob Food Products Ltd.,	CF
National Biscuit & Confection Company, Limited	B, CF
Okanagan Candy Company,	CF
Ormonds,	B, CF
Mainland Confectionery Company Ltd.,	CF
Maple Leaf Biscuits	B
McDonald's Fine Chocolates	CF
Pauline Johnson Candy Shops	CF
Rochon's (B.C.) Limited	CF
Roger's Chocolates,	CF
The Bee Hive Confectionery,	CF
Sinclair Brothers,	CF
Spencer, David, Limited	CF
Stevenson's Chocolates	CF
Topper's Chocolates	CF
Turner's Candy Company,	CF
1706 1st Avenue West, Vancouver	
Main Street, Penticton	
234 Mary Street, Vancouver	
1090 Hamilton Street, Vancouver	
1661 Franklin St., Vancouver	
787 West Georgia St., Vancouver	
144 Water Street, Vancouver	
685 Alpha Street, Victoria	
913 Government Street, Victoria	
835 Commercial Drive, Vancouver	
310 Cordova Street, Vancouver	
515 Hastings Street, Vancouver	
725 Yates Street, Victoria	
2570 Granville Street, Vancouver,	
59 Kingsway, Vancouver	
Watkins, John C. (Frisco Candy Company),	CF
Welch's Limited,	CF
Ziegler Chocolate Shops,	CF
716 Davie Street, Vancouver	
814 Robson Street, Vancouver	
977 Granville Street, Vancouver	

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