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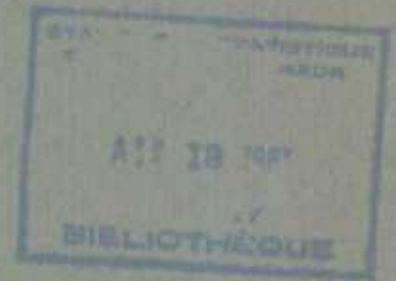
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Minister of Trade and Commerce.

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE
BREAD & OTHER BAKERY PRODUCTS INDUSTRY
IN
CANADA
1940



OTTAWA
1942

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OTTAWA - CANADA

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THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

A report on the bread and other bakery products industry is presented herewith. The total number of firms reporting was 3,089, and were located by provinces as follows: Prince Edward Island, 14; Nova Scotia 69; New Brunswick 73; Quebec 971; Ontario 1,254; Manitoba 136; Saskatchewan 126; Alberta 159; British Columbia 235; and the Yukon and Northwest Territories 2.

Hotels, restaurants and public institutions which bake their own bread are not required to report their operations, and statistics relating to these are, therefore, not included.

In Canada for many years breadmaking was **for the** most part a domestic art, but with the development of towns and cities the baking of bread gradually passed from the domestic circle to the family baker. This continued for a long period, until at the beginning of the present century, a new phase was marked. With the advent of mechanical power and automatic processes, also the improvement in transportation, the bread industry has made rapid progress within the last decade. In 1940 it ranked fifth in the number of employees, and tenth in the amount of salaries and wages paid. The 3,089 establishments classified in this category reported in 1940 a capital investment of \$53,095,568, they furnished employment to 23,343 persons who were paid \$23,509,613 in salaries and wages, and produced goods which had a selling value of \$82,539,730. They also spent \$38,560,373 for materials, most of which are of domestic origin.

A slight improvement in the operations of the industry was reported in 1940. The value of products increased by \$6,490,079 as compared with the previous year. There was also an increase of 822 in the number of persons employed and \$1,171,805 in the salaries and wages paid.

The principal products of the industry, as indicated by their values, were in order of their importance, as follows: Bread, \$53,869,248; pies, cakes, cookies and pastries, \$22,255,881; and buns, \$5,127,510. It might be of interest to note that out of the \$38,560,373 paid out for materials, \$17,615,863 or 45 per cent was spent for 3,952,564 barrels of flour. A variety of materials are used, listed among them being yeast, shortening, sugar, malt, milk, nuts, cocoanut, frozen eggs, oils, such as corn, cottonseed, and soya bean.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 1. - Principal Statistics of the Baking Industry in Canada, 1920 to 1940. x

Year and Provinces	Estab-lish-ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Selling Value of Products
	No.	\$	No.	\$	\$	\$
1920	1,769	23,612,654	9,940	11,522,456	38,239,135	61,800,633
1921	1,658	23,551,215	9,773	11,290,555	20,202,336	51,367,917
1922	1,685	25,551,612	10,455	11,860,619	24,703,136	47,345,311
1923	1,380	28,231,356	10,906	12,249,009	24,237,232	48,859,478
1924	2,073	32,261,401	11,917	13,493,091	28,112,082	54,403,078
1925	2,176	33,310,501	12,438	13,835,401	31,795,203	60,392,439
1926	2,214	37,413,979	13,389	14,732,139	32,923,065	62,920,009
1927	2,443	40,559,259	14,414	16,068,147	35,779,690	68,726,262
1928	2,482	44,377,449	15,422	16,901,233	36,151,747	71,227,097
1929	2,568	48,969,603	17,023	18,481,612	38,507,559	77,214,466
1930	2,697	51,314,170	17,736	19,444,533	36,582,843	73,594,394
1931	2,912	54,267,110	18,337	18,362,604	28,619,776	64,313,227
1932	2,861	48,961,175	16,856	15,909,805	23,431,275	53,450,352
1933	3,079	45,091,301	17,477	14,909,212	23,427,623	51,244,162
1934	3,173	44,196,221	13,562	15,794,117	26,681,559	57,295,522
1935	3,045	43,783,924	19,167	16,369,912	28,343,545	59,400,668
1936	3,101	46,108,432	19,598	17,703,572	32,124,708	65,558,437
1937	3,179	49,164,576	21,252	19,759,740	39,498,456	76,462,891
1938	3,231	48,026,819	22,359	21,410,506	38,446,525	78,535,333
<u>1939</u>						
CANADA	3,115	49,162,475	23,121	22,337,908	34,391,725	76,040,651
Prince Edward Island	11	127,003	49	31,026	77,588	139,548
Nova Scotia	74	900,460	509	388,924	969,064	1,778,170
New Brunswick	84	900,794	505	368,329	806,215	1,548,530
Quebec	965	13,059,678	6,295	5,668,652	9,592,502	20,399,391
Ontario	1,278	24,207,387	11,135	11,228,933	15,901,911	36,335,954
Manitoba	140	2,082,433	1,159	1,147,309	1,621,107	3,665,771
Saskatchewan	125	1,815,534	608	548,860	979,560	2,137,333
Alberta	160	2,245,451	880	931,600	1,580,304	3,509,278
British Columbia	276	3,815,185	1,928	2,020,143	2,858,812	6,467,546
Yukon and N.W.T.	2	8,550	3	3,532	4,662	10,030
<u>1940</u>						
CANADA	3,089	53,095,568	23,943	23,509,613	33,530,378	32,539,730
Prince Edward Island	14	141,707	54	30,532	37,278	147,281
Nova Scotia	69	1,064,744	555	475,347	1,216,168	2,237,227
New Brunswick	73	895,638	478	300,053	939,820	1,723,301
Quebec	971	15,798,261	6,455	6,037,004	10,525,171	22,345,053
Ontario	1,254	24,383,846	11,650	11,680,658	17,947,184	38,300,590
Manitoba	136	2,684,090	1,179	1,192,419	1,721,179	4,722,463
Saskatchewan	126	1,864,414	647	573,835	1,144,141	2,351,954
Alberta	159	2,404,319	905	1,000,581	1,684,325	3,707,829
British Columbia	285	3,852,797	2,037	2,127,534	3,293,115	6,938,612
Yukon and N.W.T.	2	5,192	3	1,650	1,997	4,920

x 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.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 2. - Comparison of Principal Statistics, 1939 and 1940.

Items	1 9 3 9	1 9 4 0	Increase + Decrease -
Establishments reporting No.	3,115	3,089	- 26
Capital invested \$	49,162,475	53,095,568	+ 3,933,093
Employees on salaries -			
Total No.	3,459	3,348	- 111
Male No.	2,648	2,536	- 112
Female No.	811	812	+ 1
Total salaries \$	3,374,885	3,934,114	+ 109,229
Employees on wages -			
Monthly average No.	19,662	20,595	+ 933
Male No.	16,972	17,336	+ 364
Female No.	2,690	3,259	+ 569
Total wages \$	18,462,923	19,525,499	+ 1,062,576
Power equipment -			
Units No.	6,379	7,330	+ 451
Horse-power capacity H.P.	18,698	18,736	+ 88
Cost of fuel and electricity \$	2,583,977	2,927,327	+ 543,350
Cost of materials used \$	34,391,725	38,560,378	+ 4,168,653
Gross value of production \$	76,040,651	82,559,730	+ 6,499,079
Value added by manufacture \$	39,264,349	41,052,025	+ 1,787,076

THE BREAD AND OTHER BAKERY

Table 3. - Production by Items

Items of Production	Unit of Measure	C A N A D A		Prince Edward Island	
		Quantity	Selling Value	Quantity	Selling Value
			\$		\$
Bread	Pound	999,428,518	53,869,248	2,080,443	115,954
Buns	-	-	5,127,510	-	3,361
Pies, cakes, pastry, etc.	-	-	22,255,881	-	25,564
Puddings	-	-	77,874	-	-
Biscuits, plain and fancy.	Ton	308	105,780	-	-
Confectionery, chocolate .	Pound	37,149	17,642	-	-
Confectionery, sugar	"	106,134	26,086	-	-
Ice cream	Gallon	63,018	83,013	-	-
All other products	-	-	976,696	-	2,402
TOTAL VALUE OF PRODUCTION	-	-	82,539,730	-	147,281
Items of Production	Unit of Measure	Ontario		Manitoba	
		Quantity	Selling Value	Quantity	Selling Value
			\$		\$
Bread	Pound	451,690,711	23,596,189	71,040,157	3,563,254
Buns	-	-	3,127,070	-	200,838
Pies, cakes, pastry , etc.	-	-	11,217,403	-	922,643
Puddings	-	-	38,799	-	3,777
Biscuits, plain and fancy.	Ton	-	-	-	(x)
Confectionery, chocolate .	Pound	24,743	10,058	3,900	1,200
Confectionery, sugar ...	"	84,415	21,956	2,000	600
Ice cream	Gallon	36,632	48,728	695	1,025
All other products	-	-	240,387	-	29,126
TOTAL VALUE OF PRODUCTION	-	-	38,300,590	-	4,722,463

(x) As there are less than three establishments, statistics are included with "All other products".

(2) Two firms from the Yukon and Northwest Territories included.

PRODUCTS INDUSTRY IN CANADA, 1940.

for Canada and the Provinces, 1940.

Nova Scotia		New Brunswick		Quebec	
Quantity	Selling Value	Quantity	Selling Value	Quantity	Selling Value
	\$		\$		\$
25,745,262	1,527,462	21,609,014	1,223,581	299,221,003	14,953,532
-	54,209	-	27,876	-	1,172,009
-	671,044	-	470,728	-	5,467,996
-	2,447	-	(1)	-	21,076
-	-	-	-	218	66,627
-	-	-	-	6,736	5,091
-	-	-	-	1,400	350
-	-	-	-	11,755	14,773
-	42,065	-	1,616	-	643,599
-	2,297,227	-	1,723,801	-	22,345,053
Saskatchewan		Alberta		British Columbia (2)	
Quantity	Selling Value	Quantity	Selling Value	Quantity	Selling Value
	\$		\$		\$
33,667,059	1,781,011	44,434,341	2,792,236	49,940,418	4,316,029
-	67,242	-	118,874	-	356,031
-	500,747	-	762,680	-	2,217,076
-	1,851	-	1,665	-	8,199
-	-	-	(x)	-	-
-	(x)	-	(x)	1,270	1,135
-	(x)	3,317	704	5,498	1,493
-	(x)	3,461	5,037	10,105	13,020
-	1,103	-	26,583	-	30,549
-	2,351,954	-	3,707,829	-	6,943,532

(1) The figures in the above table do not represent the Total Canadian production of these commodities, since they are also produced in other industries, **either** as a subsidiary or principal product. For total production figures, see "alphabetical list of products" published annually in the report "The Manufacturing Industries of Canada".

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 4. - Principal Statistics of the Baking Industry, 1939,^x Grouped According to the Size of Establishment.

Establishments having a production of -	Estab-lish-ments	Capital	Total Em-ployees	Salaries and Wages	Cost of Materials	Selling Value of Products
	No.	\$	No.	\$	\$	\$
<u>CANADA</u>						
Under \$25,000	2,672	17,007,832	7,986	5,692,209	10,503,290	21,287,914
\$25,000 to under \$50,000 ..	227	4,353,194	2,361	2,138,618	3,736,693	7,753,755
\$50,000 " " \$100,000 .	107	4,237,688	2,247	2,193,441	3,333,229	7,499,062
\$100,000 " " \$500,000 .	87	10,475,984	4,902	5,436,074	8,040,683	18,222,334
\$500,000 " " \$1,000,000	15	7,063,830	2,681	3,123,009	4,551,224	10,403,012
\$1,000,000 and over	7	6,023,947	2,944	3,704,457	4,226,606	10,869,573
TOTAL	3,115	49,162,475	23,121	22,337,808	34,391,725	76,040,651
<u>PRINCE EDWARD ISLAND</u>						
Under \$25,000	10)	127,003	49	31,026	77,588	139,548
\$25,000 to under \$50,000 ..	2)					
TOTAL	12	127,003	49	31,026	77,588	139,548
<u>NOVA SCOTIA</u>						
Under \$25,000	58	294,608	187	109,496	251,472	456,434
\$25,000 to under \$50,000 ..	11	146,764	105	78,555	193,204	366,687
\$50,000 " " \$100,000 .	2)					
\$100,000 " " \$500,000 .	2)	459,088	217	200,873	519,388	955,049
\$500,000 " " \$1,000,000	1)					
TOTAL	74	900,460	509	388,924	969,064	1,778,170
<u>NEW BRUNSWICK</u>						
Under \$25,000	71	291,816	204	118,139	279,430	520,724
\$25,000 to under \$50,000 ..	6	111,172	76	51,952	112,622	228,647
\$50,000 " " \$100,000 .	5)					
\$100,000 " " \$500,000 .	2)	497,806	225	198,733	414,163	799,159
TOTAL	84	900,794	505	368,829	806,215	1,548,530
<u>QUEBEC</u>						
Under \$25,000	862	5,631,050	2,280	1,609,222	3,290,469	6,562,095
\$25,000 to under \$50,000 ..	55	995,314	548	497,570	898,898	1,813,599
\$50,000 " " \$100,000 .	24	920,415	496	447,788	733,375	1,524,921
\$100,000 " " \$500,000 .	17	1,549,818	1,116	960,814	1,499,578	3,323,057
\$500,000 " " \$1,000,000	5)					
\$1,000,000 and over	2)	3,963,081	1,855	2,153,258	3,170,182	7,176,319
TOTAL	965	13,059,678	6,295	5,668,652	9,592,502	20,399,991

x Figures for 1940 were not available at the time of publishing this report. These will be included in the next year's report.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 4. - Principal Statistics of the Baking Industry, 1939, Grouped According to the Size of Establishment - Concluded.

Establishments having a production of -	Estab-lish-ments	Capital	Total Em-ployees	Salaries and Wages	Cost of Materials	Selling Value of Products
	No.	\$	No.	\$	\$	\$
ONTARIO						
Under \$25,000	1,078	7,615,592	3,748	2,771,049	4,664,592	9,594,940
\$25,000 to under \$50,000 ..	96	1,958,851	1,040	962,045	1,619,155	3,382,919
\$50,000 " " \$100,000 .	56	2,298,440	1,233	1,214,231	1,739,841	4,064,468
\$100,000 " " \$500,000 .	37	4,818,081	2,035	2,516,247	3,379,928	7,375,539
\$500,000 " " \$1,000,000	6	2,707,597	974	1,102,072	1,707,571	3,903,413
\$1,000,000 and over	5	4,808,826	2,095	2,663,289	2,791,824	7,464,615
TOTAL	1,278	24,207,387	11,185	11,228,933	15,901,911	36,385,954
MANITOBA						
Under \$25,000	117	530,457	340	207,340	367,131	757,326
\$25,000 to under \$50,000 ..	13	177,487	168	130,403	210,971	426,188
\$50,000 " " \$100,000 .	4	127,476	87	91,797	135,638	284,456
\$100,000 " " \$500,000 .	4)	1,247,013	564	717,269	907,467	2,195,801
\$500,000 " " \$1,000,000	2)					
TOTAL	140	2,082,433	1,159	1,147,309	1,621,107	3,663,771
SASKATCHEWAN						
Under \$25,000	104	533,266	237	147,998	293,111	581,802
\$25,000 to under \$50,000 ..	11	279,627	97	21,907	170,292	361,061
\$50,000 " " \$100,000 .	8	309,603	93	102,757	175,170	391,362
\$100,000 " " \$500,000 .	4	693,038	181	206,198	340,387	803,608
TOTAL	125	1,815,534	608	548,860	979,560	2,137,833
ALBERTA						
Under \$25,000	138	704,197	302	206,337	399,491	853,049
\$25,000 to under \$50,000 ..	9	203,405	76	79,828	140,856	320,853
\$50,000 " " \$100,000 .	3	156,811	56	67,380	98,431	264,924
\$100,000 " " \$500,000 .	10	1,181,038	446	577,555	941,466	2,070,452
TOTAL	160	2,245,451	880	931,600	1,580,304	3,509,278
BRITISH COLUMBIA						
Under \$25,000	232	1,325,199	647	494,402	892,991	1,849,039
\$25,000 to under \$50,000 ..	25	426,668	240	239,526	368,148	816,729
\$50,000 " " \$100,000 .	7	234,106	149	157,466	215,939	487,745
\$100,000 " " \$500,000 .	11)	1,829,212	892	1,128,749	1,381,734	3,314,033
\$500,000 " " \$1,000,000	1)					
TOTAL	276	3,815,185	1,928	2,020,143	2,858,812	6,467,546
YUKON and N.W.T.						
Under \$25,000	2	8,550	3	3,532	4,662	10,030

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940

Table 5. - Production for Canada, by Items, 1938 and 1939.

Items of Production	Unit of Measure	1938		1939	
		Quantity	Selling Value	Quantity	Selling Value
			\$		\$
Bread	Pound	1,005,948,075	55,260,623	992,007,885	51,265,436
Buns	-	-	3,563,360	-	4,276,759
Pies, cakes, pastry, etc.	-	-	18,132,728	-	19,382,940
Puddings	-	-	101,699	-	63,083
Biscuits, plain and fancy	Ton	260	79,630	296	93,568
Confectionery, chocolate.	Pound	61,994	21,774	24,683	13,564
Confectionery, sugar ...	"	85,334	19,801	67,906	18,953
Ice cream	Gallon	52,103	81,116	34,212	42,734
All other products	-	-	1,274,602	-	885,614
TOTAL VALUE OF PRODUCTION	-	-	78,535,333	-	76,040,651

Note: See footnote to Table 3, page 4.

Table 6. - Consumption of Bread in Canada, 1924 to 1940.

The following table gives the per capita consumption of "bakers" bread for the years 1924 to 1940, based on the population figures given in the bulletin "Population of Canada, 1867 - 1940". It will be noted that there has been an increase in the consumption of bread, the per capita consumption increasing from 88.3 in 1939 to 90.0 in 1940.

Year	Quantity of Bread (x)	Value of Bread	Per capita consumption
	Pound	\$	Pound
1924	712,727,690	43,769,590	78.0
1925	759,592,148	49,267,586	81.7
1926	783,232,210	50,767,422	82.3
1927	785,763,344	54,386,305	81.5
1928	878,949,378	55,305,324	89.4
1929	935,794,310	59,635,321	93.3
1930	941,540,650	55,379,029	92.2
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	1,016,521,703	54,804,761	90.0

(x) Includes bread made in the Biscuit and Confectionery Industry.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 7. - Average Selling Price at the Factory per Pound of Bread in Canada and the Provinces,
for Representative Years, 1929 - 1940 (+)

Year	CANADA	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢
1940	5.3	5.5	5.9	5.6	4.9	5.2	5.0	5.2	6.2	8.9
1939	5.2	5.7	5.1	5.5	4.7	5.2	5.0	5.3	5.9	6.4
1938	5.5	5.3	5.8	5.8	5.4	5.4	6.4	5.3	6.1	7.1
1937	5.7	6.3	5.5	5.7	5.3	5.9	5.4	5.6	6.0	7.1
1935	4.9	5.1	4.8	5.4	4.4	5.2	4.4	4.6	4.9	5.9
1933	4.5	5.2	5.1	5.3	4.1	4.6	4.3	4.2	4.6	4.9
1929	6.4	6.9	7.1	7.0	6.0	6.5	6.0	6.7	6.8	6.7

Note: (+) The above figures are based on the total production of bread by all the bakers reporting annually to the Bureau under the requirements of the Census of Manufactures.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 8. - Details of Products made by the Bakery Industry for each City having a Value of Production of \$2,000,000 and over, 1939 and 1940.

Cities	Estab- lish- ments	Bread		Buns	Pies, Cakes, Pastries	All Other	Total
		Quantity	Value				
	No.	Lb.	\$	\$	\$	\$	\$
<u>1939</u>							
QUEBEC -							
Montreal	139	111,307,587	5,412,711	660,308	2,173,769	592,491	8,839,279
ONTARIO -							
Toronto	291	149,224,792	8,281,803	1,223,423	5,445,443	74,626	15,025,295
Hamilton ...	59	29,332,395	1,607,858	237,727	916,903	6,570	2,769,058
Ottawa	33	26,298,873	1,534,650	84,461	799,413	70,626	2,489,150
MANITOBA -							
Winnipeg ...	68	41,205,754	2,077,607	155,346	704,690	5,360	2,943,003
BRITISH COLUMBIA							
Vancouver ..	125	40,051,295	2,498,892	185,631	1,444,268	6,648	4,135,439
<u>1940</u>							
QUEBEC -							
Montreal ...	137	116,197,763	6,367,957	1,025,561	3,328,183	665,741	11,377,442
ONTARIO -							
Toronto	278	128,666,941	7,147,227	1,409,252	5,763,465	89,036	14,408,980
Hamilton ...	62	37,085,165	1,600,912	259,908	1,083,473	17,029	2,961,322
Ottawa	33	27,003,694	1,562,056	189,161	814,454	30,790	2,646,461
MANITOBA -							
Winnipeg ...	67	40,562,457	2,107,102	148,017	817,233	33,648	3,106,000
BRITISH COLUMBIA							
Vancouver ...	128	40,409,091	2,472,348	197,356	1,644,077	13,848	4,327,629

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 9. - Materials Used by Quantity and Cost Value, 1939 and 1940.

Materials	Unit of Measure	1 9 3 9		1 9 4 0	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
			\$		\$
Baking powder	Pound	629,992	82,745	608,501	90,389
Butter	"	1,469,793	370,523	1,485,937	401,544
Cake and doughnut mixtures ..	"	1,984,035	217,810	2,476,707	278,913
Chocolate	"	304,255	59,340	359,122	70,175
Cocoa	"	300,371	43,902	415,937	62,562
Cocoanut, shredded	"	897,978	115,335	1,111,377	146,824
Corn starch	"	440,361	27,019	577,263	33,506
Cream	Gallon	133,862	139,699	129,385	224,389
Cream powder	Pound	11,768	3,110	40,552	9,443
Cream of tartar	"	72,454	16,577	46,431	13,919
Eggs, in shell	Dozen	3,144,539	704,118	3,643,005	739,129
Eggs, frozen	Pound	4,387,130	829,527	5,239,667	971,781
Egg powder	"	10,738	8,991	131,014	25,703
Egg substitutes	-	148,793	24,044	157,526	25,691
Extracts	-	-	112,614	-	121,084
Flour	Barrel	3,920,509	16,172,104	3,952,564	17,615,863
Fruits, dried	Pound	6,981,789	710,900	8,872,036	895,530
Fruits, fresh	"	2,854,382	217,072	2,207,464	183,505
Fruits, preserved	"	3,465,352	414,976	4,161,113	523,627
Gelatine	"	21,344	8,591	28,820	12,717
Glucose	"	386,026	22,003	429,441	24,907
Lard	"	7,426,006	647,504	11,496,939	903,746
Malt	"	2,103,854	212,635	2,363,228	233,694
Malt flour	"	525,324	43,970	715,930	61,124
Malt extract or syrup	"	1,302,847	126,707	1,229,302	118,335
Milk, condensed	"	1,055,561	67,924	1,168,951	64,803
Milk, fresh and skimmed ..	Gallon	1,469,510	220,678	1,607,987	275,088
Milk powdered	Pound	9,389,838	880,634	10,070,715	994,993
Molasses	"	1,310,718	64,321	1,415,405	74,777
Nuts, (walnuts, almonds, etc.) -					
Shelled	"	890,104	243,007	1,510,122	353,416
Unshelled	"	69,919	19,725	44,307	9,653
Pie fillings	"	601,008	64,292	1,022,948	109,576
Potatoes	Bag	5,373	6,162	5,728	5,801
Oils -					
Cocoanut	Pound	49,054	6,024	78,904	8,381
Corn	"	92,930	9,767	54,879	5,948
Other, cooking	"	231,099	23,614	225,214	24,159
Cottonseed	"	248,116	24,911	218,171	22,476
Soya bean	"	94,970	8,332	93,449	8,755
Olive oil	"	3,896	461	7,241	776
Salt	"	15,730,960	144,129	12,744,255	153,264
Shortening	"	23,271,835	2,234,414	22,359,079	2,232,829
Sodium bicarbonate	"	161,670	8,621	196,657	10,786
Spices	"	-	-	106,628	30,989
Sugar	"	45,260,479	2,578,758	50,318,374	3,150,141
Syrups	Gallon	26,615	20,825	50,862	30,850

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 9. - Materials Used by Quantity and Cost Value, 1939 and 1940. - Concluded.

Materials	Unit of Measure	1939		1940	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
Yeast	Pound	9,926,068	1,935,913	10,309,354	2,015,106
Yeast powders and other yeast preparations ...	"	1,609,389	145,913	1,792,977	144,353
Boxes, containers, wrappers, etc.	-	-	3,196,222	-	3,752,990
All other materials ...	-	-	1,105,262	-	1,292,468
TOTAL COST OF MATERIALS USED	-	-	34,391,725	-	38,560,378

Table 10. - Capital Investment by Provinces, 1939 and 1940, and Summary Figures from 1920 to 1938

Year	Estab-lish-ments	Fixed Capital	Working Capital		Total Capital
		Present value of land buildings, fixtures, machinery, tools, etc.	Materials on hand, stocks in process, finished products, fuel and miscellaneous supplies, etc.	Cash, trading and operating accounts, etc.	
	No.	\$	\$	\$	\$
1920	1,658	18,377,517	2,203,187	2,970,511	23,551,215
1921	1,769	17,060,255	3,289,605	3,262,794	23,612,654
1922	1,865	20,334,240	2,157,019	3,060,353	25,551,612
1923	1,980	22,766,244	2,211,735	3,253,877	28,231,856
1924	2,073	25,197,739	3,243,019	3,820,643	32,261,401
1925	2,176	26,800,082	2,950,734	4,059,685	33,810,501
1926	2,214	29,928,455	3,231,250	4,256,594	37,416,979
1927	2,443	32,509,770	3,505,958	4,543,531	40,559,259
1928	2,482	35,709,872	3,588,563	5,079,014	44,377,449
1929	2,568	38,408,377	3,978,621	6,582,605	48,969,603
1930	2,697	42,655,615	3,397,628	5,860,927	51,914,170
1931	2,912	45,620,295	3,214,400	5,432,415	54,267,110
1932	2,861	41,526,166	2,591,167	4,843,842	48,961,175
1933	3,079	36,993,739	2,945,491	5,142,571	45,091,801
1934	3,173	36,628,271	2,526,559	4,971,391	44,196,221
1935	3,045	37,243,716	2,151,140	4,394,068	43,788,924
1936	3,101	38,976,426	2,545,115	4,586,941	46,108,482
1937	3,179	41,311,965	2,876,356	4,976,255	49,164,576
1938	3,231	40,850,901	2,460,946	4,684,972	48,026,819

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 10. - Capital Investment by Provinces, 1939 and 1940 and Summary Figures from 1920 to 1938. - Concluded.

Year	Estab- lish- ments	Fixed Capital	Working Capital		Total Capital
		Present value of land, buildings, fixtures, machinery, tools, etc.	Materials on hand, stocks in process, finished products, fuel and miscel- laneous supplies, etc.	Cash, trading and operating accounts, etc.	
	No.	\$	\$	\$	\$
<u>1939</u>					
CANADA	3,115	40,773,845	3,033,493	5,355,137	49,162,475
Prince Edward Island	11	112,895	5,115	8,993	127,003
Nova Scotia ...	74	683,337	97,795	119,328	900,460
New Brunswick ..	84	753,557	60,717	86,520	900,794
Quebec	965	10,823,738	942,784	1,235,156	13,059,678
Ontario	1,278	20,202,018	1,302,557	2,702,812	24,207,387
Manitoba	140	1,737,951	120,354	224,128	2,082,433
Saskatchewan ..	125	1,509,871	98,230	207,433	1,815,534
Alberta	160	1,753,349	144,006	348,096	2,245,451
British Columbia	276	3,192,129	258,385	364,171	3,815,185
Yukon and N.W.T.	2	5,000	3,050	500	8,550
<u>1940</u>					
CANADA	3,089	43,876,237	3,394,730	5,824,601	53,095,568
Prince Edward Island	14	127,941	4,468	9,298	141,707
Nova Scotia ...	69	775,013	142,253	147,478	1,064,744
New Brunswick ..	73	715,110	65,371	115,217	895,698
Quebec	971	13,093,244	1,062,314	1,642,703	15,798,261
Ontario	1,254	20,167,478	1,430,489	2,785,879	24,383,846
Manitoba	136	2,354,177	136,266	193,647	2,684,090
Saskatchewan ..	126	1,545,068	102,391	216,955	1,864,414
Alberta	159	1,849,595	143,608	411,616	2,404,819
British Columbia	285	3,243,611	307,530	301,656	3,852,797
Yukon and N.W.T.	2	5,000	40	152	5,192

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 11. - 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	2,548	811	3,874,355	16,972	2,690	18,462,923
Prince Edward Island .	5	3	5,470	30	11	25,556
Nova Scotia	52	27	98,272	339	91	290,652
New Brunswick	66	26	89,184	303	110	279,645
Quebec	783	181	1,016,407	4,841	490	4,652,245
Ontario	1,147	386	1,821,780	8,314	1,338	9,407,153
Manitoba	114	46	182,408	888	111	964,901
Saskatchewan	104	20	109,146	430	54	439,714
Alberta	151	51	217,056	572	106	714,544
British Columbia ...	223	71	331,630	1,255	379	1,688,513
Yukon and N.W.T. ...	3	-	3,532	-	-	-
<u>1940</u>						
CANADA	2,536	812	3,984,114	17,336	3,259	19,525,499
Prince Edward Island .	6	1	3,870	33	14	26,662
Nova Scotia	55	26	104,808	360	114	370,539
New Brunswick	44	16	70,624	309	109	319,429
Quebec	739	170	1,068,773	4,956	590	4,968,231
Ontario	1,085	404	1,868,350	8,462	1,679	9,812,308
Manitoba	116	37	176,804	889	137	1,015,615
Saskatchewan	109	22	108,164	449	67	465,671
Alberta	149	42	225,040	598	116	775,541
British Columbia	231	93	356,031	1,280	433	1,771,503
Yukon and N.W.T. ...	2	1	1,650	-	-	-

Table 12. - Monthly Employment of Wage-earners, 1939 and 1940.

Months	1939			1940		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January	16,346	2,511	18,857	16,766	2,955	19,721
February	16,353	2,499	18,852	16,736	2,977	19,713
March	16,417	2,514	18,931	16,873	3,016	19,889
April	16,579	2,576	19,155	16,935	3,052	19,987
May	16,865	2,628	19,493	17,206	3,130	20,336
June	17,099	2,680	19,779	17,473	3,205	20,678
July	17,289	2,695	19,984	17,687	3,238	20,925
August	17,427	2,707	20,134	17,731	3,298	21,029
September	17,248	2,692	19,940	17,559	3,302	20,861
October	17,176	2,741	19,917	17,449	3,313	20,762
November	17,081	2,732	19,813	17,363	3,320	20,683
December	17,065	2,743	19,808	17,368	3,327	20,695
MONTHLY AVERAGE ...	16,972	2,690	19,662	17,336	3,259	20,595

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 13a - Number of Male Wage-earners in Month of Normal Employment with their Regular Hours of Work per Week and Average Weekly Earnings, 1940.

Hours Worked per Week	CANADA	Prince Edward Island	Nova Scotia	New Brunsw- wick	Quebec	Ontario	Mani- toba	Sask- atch- ewan	Alberta	British Columbia
	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male
30 hours or less	575	-	6	5	73	322	49	21	17	82
31 - 43 hours	363	-	8	4	76	150	14	11	9	91
44 hours	330	-	-	3	66	169	13	8	13	58
45 - 47 hours	237	-	8	-	47	102	19	2	9	50
48 hours	2,633	14	24	51	260	1,181	92	104	113	794
49 - 50 hours	1,890	-	52	19	145	1,219	204	54	131	66
51 - 54 hours	5,985	16	191	129	994	3,404	423	254	343	231
55 hours	1,256	4	8	21	427	711	56	18	8	3
56 - 64 hours	4,441	-	72	37	2,797	1,416	53	1	8	-
65 hours and over	466	-	-	7	221	209	27	2	-	-
Average hours 1940	52.5	50.9	52.5	53.9	56.2	51.8	50.6	49.6	50.0	46.5
per week 1939	52.7	51.1	51.1	52.0	56.2	52.4	50.9	48.9	49.1	46.4
Average weekly 1940 \$	20.56	11.62	20.04	17.27	18.30	21.36	20.14	18.86	21.77	22.25
earnings 1939 \$	19.32	11.93	15.57	15.72	17.57	20.21	19.42	18.21	20.86	21.15

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 13b - Number of Female Wage-earners in Month of Normal Employment with their Regular Hours of Work per Week and Average Weekly Earnings, 1940.

Hours Worked per week	CANADA	Prince Edward Island	Nova Scotia	New Brunsw- wick	Quebec	Ontario	Mani- toba	Sask- atch- ewan	Alberta	British Columbia	
	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	
20 hours or less	368	-	10	4	24	253	20	4	9	44	
21 - 43 hours	184	2	6	4	17	104	3	5	4	34	
44 hours	230	-	4	-	9	134	16	9	4	54	
45 - 47 hours	193	-	9	1	23	115	9	2	1	33	
48 hours	1,261	13	25	31	91	354	65	35	86	263	
49 - 50 hours	316	-	13	9	78	161	13	4	12	26	
51 - 54 hours	627	1	40	49	251	258	12	6	6	4	
55 hours	111	2	6	1	47	51	1	3	-	-	
56 - 64 hours	179	-	10	20	80	66	1	1	1	-	
65 hours and over	12	-	-	1	1	2	5	3	-	-	
Average hours	1940	46.4	47.8	47.9	51.1	50.8	45.1	42.3	47.2	46.2	44.5
per week	1939	46.3	46.9	48.6	47.9	49.1	46.0	45.3	43.6	45.4	44.1
Average weekly	1940 \$	11.05	6.94	9.52	8.47	11.65	10.82	9.92	10.08	11.35	12.84
earnings	1939 \$	10.51	7.50	8.02	7.36	10.05	10.76	9.99	9.37	12.07	11.67

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 14. - 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	12	218	19	213
Idle	1	5	1	5
Oil, gas and gasoline engines -				
In Use	372	1,289	347	1,182
Idle	4	21	7	28
Electric motors operated by purchased power -				
In Use	6,368	16,327	6,868	16,858
Idle	109	443	85	385
TOTAL POWER USED IN MANUFACTURING	6,866	18,303	7,327	18,671

Table 15. - Consumption of Fuel and Electricity in Canada, by Classes, 1939 and 1940

Kinds of Fuel	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory or Works	Quantity	Cost Value at Factory or Works
Bituminous coal, all grades	Ton (2000 lb.)		\$		\$
Anthracite coal, all grades	"	25,931	196,334	26,951	215,051
Lignite coal, all grades .	"	10,879	126,644	7,943	103,892
Coke	"	2,863	14,126	2,887	15,232
Gasoline	Imp. Gal.	33,958	315,704	37,385	328,215
Fuel oils	" "	877,649	218,031	2,570,969	656,575
Wood	Cord	1,834,863	128,703	2,371,320	174,375
Gas, manufactured and natural	M cu.ft.	95,248	351,470	102,333	367,650
Electricity purchased, (including service charges)	-	974,788	412,340	756,101	415,820
All other fuel, not specified	-	-	611,544	-	638,234
			9,081		12,283
TOTAL COST OF FUEL AND ELECTRICITY	-	-	2,383,977	-	2,927,327

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Table 16. - Principal Statistics of Bakeries in Specified Cities Throughout the Dominion, 1939. (x)

Cities	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
<u>1939</u>						
<u>PRINCE EDWARD ISLAND</u>						
Charlottetown	9	90,821	42	26,989	63,653	119,298
<u>NOVA SCOTIA</u>						
Halifax	14	384,495	215	179,463	461,284	826,515
Sydney	5	124,073	69	60,508	131,231	269,569
<u>NEW BRUNSWICK</u>						
Saint John	28	521,722	268	199,419	421,753	798,445
Moncton	9	80,210	70	51,351	94,456	178,589
<u>QUEBEC</u>						
Montreal	139	4,960,135	2,745	2,633,198	4,025,841	8,839,289
Quebec	46	833,041	458	387,083	694,627	1,439,522
Sherbrooke	11	327,842	90	76,638	124,422	278,372
Three Rivers	9	148,456	71	63,802	108,672	215,278
Hull	7	254,759	95	90,484	131,995	304,443
<u>ONTARIO</u>						
Toronto	291	10,203,832	4,464	4,938,376	6,304,152	15,030,836
Hamilton	59	2,002,970	892	929,948	1,224,702	2,769,058
London	40	779,723	368	359,227	490,437	1,154,129
Ottawa	33	1,715,301	676	765,224	1,061,744	2,489,150
Windsor	20	369,595	214	235,080	275,246	723,094
Brantford	13	425,177	155	164,930	216,680	486,151
Kitchener	14	369,106	134	122,585	177,928	374,791
Sault Ste. Marie ..	13	243,135	77	67,477	140,172	315,552
Peterborough	12	255,390	133	142,344	144,763	395,037
Oshawa	7	111,965	57	43,187	64,337	159,668
<u>MANITOBA</u>						
Winnipeg	68	1,582,904	881	952,527	1,289,499	2,943,003
Brandon	6	148,387	82	64,905	97,971	229,155
<u>SASKATCHEWAN</u>						
Regina	16	525,382	187	193,074	320,320	685,931
Saskatoon	10	473,576	139	142,803	259,301	598,123
Moose Jaw	9	241,488	77	77,623	122,950	279,389
<u>ALBERTA</u>						
Calgary	25	867,931	347	418,275	611,540	1,396,891
Edmonton	27	704,579	271	315,577	579,458	1,236,671
Lethbridge	10	141,859	48	50,282	86,458	221,151
<u>BRITISH COLUMBIA</u>						
Vancouver	125	2,378,711	1,239	1,353,695	1,833,009	4,135,439
Victoria	35	484,737	270	251,876	368,800	863,210
New Westminster ...	13	113,746	72	80,521	85,657	236,499

(x) Figures for 1940 were not available at the time of publishing this report. These will be included in the next year's report.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1940.

Imports and Exports

The imports of manufactured commodities in the baking industry are not of sufficient importance to have a separate import classification, but are included in imports under the item "flavouring powders, custard powders, jelly powders, sweetened breads, pies, cakes and puddings". One item only is shown separately, that of "Passover bread" which in the calendar year 1940 was valued at \$122,883, \$122,857 of which came from the United States, and \$26 from Palestine.

Exports similarly are combined in the export classification under the head of "biscuits and bread" so that it is not possible to give separate information regarding the export of either commodity.

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:

Prince Edward Island, Nova Scotia and New Brunswick -

1½ pounds or 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 -

24 and 48 ounces, except in the case of "small bread".

Manitoba -

Generally at 16 and 20 ounces, except in outlying portions of the province where it is stated at 3 pounds.

Saskatchewan, Alberta and British Columbia -

16, 18 and 20 ounces as the average weight of the loaf, except in the case of "small bread".

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