

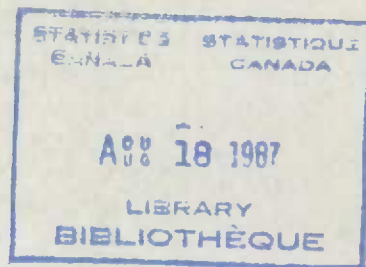
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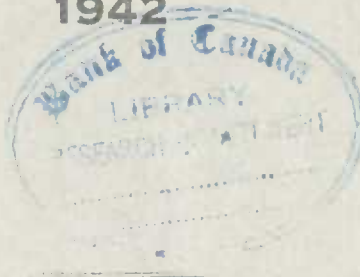
CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE



BREAD & OTHER BAKERY PRODUCTS INDUSTRY
IN
CANADA

1942



OTTAWA
1944

Price 25 cents

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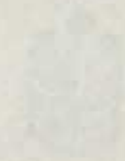
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REPORT
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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

Dominion Statistician: S. A. Cudmore, M.A.(Oxon.), F.S.S., F.R.S.C.
Chief, General Manufactures Branch: A Cohen, B.Com.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

A report on the bread and other bakery products industry is presented herewith. The total number of firms reporting was 3,023 and were located by provinces as follows: Prince Edward Island, 14; Nova Scotia, 98; New Brunswick, 79; Quebec, 1,049; Ontario, 1,128; Manitoba, 135; Saskatchewan, 103; Alberta, 144; British Columbia, 272; and Northwest Territories, 1.

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. Before the present war it ranked tenth in value of products made, third in the number of persons employed and sixth in the amount of salaries and wages paid. With the tremendous expansion in war production, however, the relative importance of the industry declined.

The 3,023 establishments classified in this category reported in 1942 a capital investment of \$53,919,647; they furnished employment to 25,521 persons who were paid \$29,047,237 in salaries and wages, and produced goods which had a selling value of \$104,089,254. They also spent \$49,962,446 for materials, most of which are of domestic origin.

A substantial improvement in the operations of the industry was reported in 1942. The value of products increased by \$11,972,947 as compared with the previous year. There was also an increase of 552 in the number of persons employed and \$3,127,251 in the salaries and wages paid. An interesting feature of employment conditions during 1942 was the displacement of male workers by females. Female employees increased by 1,205, while male employees declined by 653, making a net increase of 552 persons.

The principal products of the industry, as indicated by their values, were in order of their importance as follows: Bread, \$62,862,688; pies, cakes, cookies and pastries, \$32,744,266; and buns, \$7,411,136. For details see Table 3.

Due to the restrictions in the use of sugar the quantity used in 1942 declined by 8,108,716 pounds; this in spite of an increase of 18 per cent in the value of pies, cakes and pastries produced. To offset this deficiency in some measure, larger quantities of substitute materials were used. For example, the quantity of glucose used increased from 583,516 pounds in 1941 to 2,110,934 pounds in 1942. In addition to this bakers also used 775,033 pounds of corn syrup and 512,472 pounds of honey. Comparable figures for these last two items are not available for 1941.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 1. - Principal Statistics of the Baking Industry in Canada, 1924 to 1942.^x

Year and Provinces	Estab-lish-ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Selling Value of Products \$
1924	2,073	33,261,401	11,917	13,498,091	28,112,082	54,403,078
1925	2,176	33,810,501	12,438	13,885,401	31,795,203	60,392,439
1926	2,214	37,416,979	13,389	14,732,139	32,928,065	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	16,901,238	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	51,914,170	17,736	19,444,533	36,582,843	73,594,894
1931	2,912	54,267,110	18,337	18,862,604	28,619,776	64,818,227
1932	2,861	48,961,175	16,856	15,909,805	23,431,275	53,450,352
1933	3,079	45,091,801	17,477	14,909,212	23,427,623	51,244,162
1934	3,173	44,196,221	18,562	15,794,117	26,681,559	57,295,522
1935	3,045	43,788,924	19,167	16,369,912	28,343,545	59,400,668
1936	3,101	46,108,482	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
1939	3,115	49,162,475	23,121	22,337,808	34,391,725	76,040,651
1940	3,089	53,095,568	23,943	23,509,613	38,560,378	81,756,730
<u>1941</u>						
CANADA	3,034	53,473,380	24,969	25,919,986	44,172,928	92,116,307
Prince Edward Island.	13	114,465	52	31,423	97,987	176,291
Nova Scotia	94	1,208,127	684	656,194	1,724,104	3,172,294
New Brunswick	80	1,114,754	583	505,831	1,289,815	2,288,445
Quebec	992	13,812,438	6,749	6,539,812	11,730,878	24,308,222
Ontario	1,180	26,298,299	11,990	12,938,751	20,378,978	43,414,878
Manitoba	137	2,797,968	1,221	1,274,880	1,972,803	4,242,770
Saskatchewan	112	1,813,079	656	640,627	1,326,269	2,629,943
Alberta	159	2,471,236	965	1,087,555	1,967,718	4,142,629
British Columbia	266)					
Northwest Territories	1)	3,843,014	2,069	2,244,913	3,684,376	7,740,835
<u>1942</u>						
CANADA	2,023	53,919,647	25,521	29,047,237	49,962,446	104,089,254
Prince Edward Island.	14	124,251	64	42,384	118,390	217,356
Nova Scotia	98	1,288,496	738	766,349	1,969,289	3,728,803
New Brunswick	79	1,217,917	634	597,883	1,477,094	2,725,207
Quebec	1,049	14,964,828	6,922	7,371,888	13,289,879	27,186,330
Ontario	1,128	25,109,082	12,040	14,377,127	22,581,464	48,185,296
Manitoba	135	2,896,462	1,232	1,402,931	2,269,328	4,844,945
Saskatchewan	103	1,788,086	665	674,934	1,472,574	2,946,370
Alberta	144	2,483,431	1,040	1,216,171	2,376,127	4,969,600
British Columbia ...	272)					
Northwest Territories	1)	4,047,094	2,186	2,597,570	4,408,301	9,285,347

^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, 1942.

Table 2. - Comparison of Principal Statistics, 1941 and 1942.

	1941	1942	Increase + Decrease -
Establishments reportingNo.	3,034	3,023	- 11
Capital invested\$	53,473,380	53,919,647	+ 446,267
Employees on salaries -			
TotalNo.	3,922	4,201	+ 279
MaleNo.	2,890	3,128	+ 238
FemaleNo.	1,032	1,073	+ 41
Total salaries\$	4,642,716	5,432,890	+ 790,174
Employees on wages -			
Monthly averageNo.	21,047	21,320	+ 273
MaleNo.	17,288	16,397	- 891
FemaleNo.	3,759	4,923	+ 1,164
Total wages\$	21,277,270	23,614,347	+ 2,337,077
Power equipment -			
UnitsNo.	7,656	7,908	+ 252
Horse-power capacity H.P.	19,571	19,394	- 177
Cost of fuel and electricity\$	3,392,851	3,680,095	+ 287,244
Cost of materials used\$	44,172,928	49,962,446	+ 5,789,518
Gross value of production\$	92,116,307	104,089,254	+ 11,972,947
Value added by manufacture\$	44,550,528	50,446,713	+ 5,896,185

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	1,145,272,358	62,862,688	2,886,481	161,841
Buns	-	-	7,411,136	-	5,723
Pies, cakes, pastry, etc..	-	-	32,744,266	-	49,530
Puddings	-	-	158,908	-	-
Biscuits, plain and fancy	Ton	156	69,301	-	-
Confectionery, chocolate.	Pound	42,216	20,252	-	-
Confectionery, sugar ...	"	130,995	40,498	-	-
Ice cream	Gallon	95,124	143,904	-	-
All other products	-	-	638,301	-	262
TOTAL VALUE OF PRODUCTION		-	104,089,254	-	217,356

Items of Production	Unit of Measure	Ontario		Manitoba	
		Quantity	Selling Value	Quantity	Selling Value
			\$		\$
Bread	Pound	469,902,388	27,031,609	60,134,610	3,222,412
Buns	-	-	4,543,647	-	283,045
Pies, cakes, pastry, etc.	-	-	15,988,657	-	1,275,345
Puddings	-	-	103,317	-	7,501
Biscuits, plain and fancy	Ton	-	(x)	-	(x)
Confectionery, chocolate.	Pound	27,035	10,378	-	(x)
Confectionery, sugar ...	"	120,655	36,542	-	(x)
Ice cream	Gallon	23,369	36,540	4,262	7,048
All other products	-	-	434,606	-	49,594
TOTAL VALUE OF PRODUCTION		-	48,185,296	-	4,844,945

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

(2) One firm from the Northwest Territories included.

PRODUCTS INDUSTRY IN CANADA, 1942.

for Canada and the Provinces, 1942.

Nova Scotia		New Brunswick		Quebec	
Quantity	Selling Value	Quantity	Selling Value	Quantity	Selling Value
	\$		\$		\$
36,845,458	2,365,966	30,455,949	1,792,772	358,411,571	17,237,337
-	79,343	-	40,832	-	1,468,932
-	1,258,764	-	887,254	-	8,162,719
-	265	-	4,349	-	34,954
-	-	-	-	-	(x)
-	-	-	-	9,400	7,683
-	-	-	-	5,210	2,116
-	-	-	-	57,328	87,659
-	24,465	-	-	-	184,930
-	3,728,803	-	2,725,207	-	27,186,330

Saskatchewan		Alberta		British Columbia ⁽²⁾	
Quantity	Selling Value	Quantity	Selling Value	Quantity	Selling Value
	\$		\$		\$
47,549,592	2,070,883	58,625,997	3,499,941	80,460,312	5,479,927
-	124,934	-	243,735	-	620,945
-	748,614	-	1,219,269	-	3,154,114
-	1,548	-	1,369	-	5,605
-	-	-	-	-	-
-	(x)	-	(x)	-	(x)
-	(x)	1,425	360	-	(x)
-	(x)	2,480	2,858	7,605	9,676
-	391	-	2,068	-	15,080
-	2,946,370	-	4,969,600	-	9,285,347

NOTE: 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, 1942.

Table 4. - Principal Statistics of the Baking Industry, 1942 Grouped According to the Size of Establishment

Establishments having a production of -	Estab-lish-ments No.	Capital \$	Total Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Selling Value of Products \$
<u>CANADA</u>						
Under \$25,000	2,414	15,309,843	7,066	5,656,182	11,474,600	22,502,927
\$25,000 to under \$50,000	303	4,829,519	2,782	2,737,038	5,137,760	10,329,531
\$50,000 " " \$100,000	139	3,965,060	2,163	2,444,411	4,685,668	9,270,768
\$100,000 " " \$200,000	83	5,204,175	2,572	3,082,134	5,356,886	11,287,338
\$200,000 " " \$500,000	53	7,613,610	3,691	4,781,393	8,718,118	17,143,062
\$500,000 " " \$1,000,000	20	9,171,069	3,306	4,771,496	6,788,520	14,850,324
\$1,000,000 and over ...	11	7,826,371	3,941	5,574,583	7,800,894	18,705,304
Total	3,023	53,919,647	25,521	29,047,237	49,962,446	104,089,254
<u>PRINCE EDWARD ISLAND</u>						
Under \$25,000	11	59,017	31	19,387	50,690	97,255
\$25,000 to under \$50,000	2)	65,234	33	22,997	67,700	120,101
\$50,000 " " \$100,000	1)					
Total	14	124,251	64	42,384	118,390	217,356
<u>NOVA SCOTIA</u>						
Under \$25,000	70	298,471	205	153,444	347,202	654,155
\$25,000 to under \$50,000	13	161,422	100	97,489	250,340	456,968
\$50,000 " " \$100,000	9	192,731	114	115,750	342,919	603,782
\$100,000 " " \$200,000	3	184,481	90	117,769	301,633	516,888
\$200,000 " " \$500,000	2)					
\$500,000 " " \$1,000,000	1)	451,391	229	281,897	727,195	1,497,010
Total	98	1,288,496	738	766,349	1,969,289	3,728,803
<u>NEW BRUNSWICK</u>						
Under \$25,000	59	277,132	189	138,463	332,954	621,619
\$25,000 to under \$50,000	9	121,404	81	69,070	182,463	339,953
\$50,000 " " \$100,000	7	171,198	116	122,319	299,638	538,501
\$100,000 " " \$200,000	1)					
\$200,000 " " \$500,000	3)	648,183	248	268,031	662,039	1,225,134
Total	79	1,217,917	634	597,883	1,477,094	2,725,207
<u>QUEBEC</u>						
Under \$25,000	909	5,947,638	2,322	1,920,490	3,857,909	7,633,420
\$25,000 to under \$50,000	70	1,063,533	662	632,014	1,141,960	2,305,592
\$50,000 " " \$100,000	36	1,139,522	603	683,127	1,209,281	2,448,419
\$100,000 " " \$200,000	17	829,130	506	518,983	1,083,631	2,125,363
\$200,000 " " \$500,000	11	1,736,736	859	951,759	2,290,754	3,933,451
\$500,000 " " \$1,000,000	1)					
\$1,000,000 and over ...	5)	4,248,269	1,970	2,665,515	3,706,344	8,740,085
Total	1,049	14,964,828	6,922	7,371,888	13,289,879	27,186,330

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942

Table 4. - Principal Statistics of the Baking Industry, 1942 Grouped According to the Size of Establishment - Concluded.

Establishments having a production of -	Estab-lish-ments No.	Capital \$	Total Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Selling Value of Products \$
ONTARIO						
Under \$25,000	860	5,955,760	2,932	2,386,327	4,704,072	9,233,621
\$25,000 to under \$50,000	131	2,128,629	1,230	1,214,536	2,166,449	4,381,535
\$50,000 " " \$100,000	58	1,609,580	916	1,024,690	1,918,000	3,769,610
\$100,000 " " \$200,000	44	2,996,651	1,403	1,771,055	2,685,469	5,976,655
\$200,000 " " \$500,000	16	2,341,315	1,221	1,733,381	2,328,830	4,915,079
\$500,000 " " \$1,000,000	13	5,766,777	2,134	3,032,952	4,296,026	9,034,219
\$1,000,000 and over ...	6	4,310,370	2,204	3,214,186	4,482,618	10,874,577
Total	1,128	25,109,082	12,040	14,377,127	22,581,464	48,185,296
MANITOBA						
Under \$25,000	104	524,723	303	208,114	417,915	841,755
\$25,000 to under \$50,000	18	257,855	194	177,305	314,365	634,262
\$50,000 " " \$100,000	4	87,862	68	80,477	126,117	250,194
\$100,000 " " \$200,000	4	152,834	106	136,417	325,650	610,839
\$200,000 " " \$500,000	3)	1,873,188	561	800,618	1,085,281	2,507,895
\$500,000 " " \$1,000,000	2)					
Total	135	2,896,462	1,232	1,402,931	2,269,328	4,844,945
SASKATCHEWAN						
Under \$25,000	79	384,207	184	120,853	288,153	548,719
\$25,000 to under \$50,000	12	329,807	106	103,633	214,777	456,914
\$50,000 " " \$100,000	4	176,681	57	63,570	132,462	280,290
\$100,000 " " \$200,000	5	390,763	139	158,812	311,017	647,838
\$200,000 " " \$500,000	3	506,628	179	228,066	526,165	1,012,609
Total	103	1,788,086	665	674,934	1,472,574	2,946,370
ALBERTA						
Under \$25,000	114	617,637	275	199,586	410,946	798,282
\$25,000 to under \$50,000	11	184,671	78	88,563	183,338	395,668
\$50,000 " " \$100,000	6	166,468	69	84,184	168,014	362,709
\$100,000 " " \$200,000	5	371,501	127	153,824	287,024	627,468
\$200,000 " " \$500,000	7)	1,143,154	491	690,014	1,326,805	2,785,473
\$500,000 " " \$1,000,000	1)					
Total	144	2,483,431	1,040	1,216,171	2,376,127	4,969,600
BRITISH COLUMBIA						
Under \$25,000	208	1,245,258	625	509,518	1,064,759	2,074,101
\$25,000 to under \$50,000	37	567,087	314	343,184	641,737	1,291,153
\$50,000 " " \$100,000	14	370,895	204	258,541	463,868	964,648
\$100,000 " " \$200,000	4	235,184	178	198,920	300,532	648,620
\$200,000 " " \$500,000	8)	1,628,670	865	1,287,407	1,937,405	4,306,825
\$500,000 " " \$1,000,000	2)					
Total	273	4,047,094	2,186	2,597,570	4,408,301	9,285,347
NORTHWEST TERRITORIES						
Under \$25,000	1	Included with British Columbia.				

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 5. - Production for Canada, by Items, 1940 and 1941.

Items of Production	Unit of Measure	1940		1941	
		Quantity	Selling Value	Quantity	Selling Value
			\$		\$
Bread	Pound	998,809,318	53,086,248	1,061,564,823	57,934,327
Buns	-	-	5,127,510	-	5,321,226
Pies, cakes, pastry, etc..	-	-	22,255,881	-	27,790,184
Puddings	-	-	77,874	-	75,647
Biscuits, plain and fancy	Ton	308	105,780	(x)	(x)
Confectionery, chocolate.	Pound	37,149	17,642	64,390	31,811
Confectionery, sugar ..	"	106,134	26,086	131,636	36,532
Ice cream	Gallon	63,018	83,013	124,861	138,139
All other products	-	-	976,696	-	788,441
TOTAL VALUE OF PRODUCTION	-	-	81,756,730	-	92,116,307

Note: See footnote to Table 3, page 4.

Table 6. - Consumption of Bread in Canada, 1926 to 1942

The following table gives the per capita consumption of "bakers" bread for the years 1926 to 1942, based on the population figures given in the bulletin "Population of Canada, 1867 - 1942". It will be noted that there has been an increase in the consumption of bread, the per capita consumption increasing from 92.7 in 1941 to 99.0 in 1942.

Year	Quantity ^(x)	Value of	Per capita
	of Bread	Bread	consumption
	Pound	\$	Pound
1926	783,232,210	50,767,422	82.8
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	1,015,902,503	54,021,761	88.9
1941	1,068,450,351	58,321,072	92.7
1942	1,153,838,551	63,345,856	99.0

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

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 7. - Average Selling Price at the Factory per Pound of Bread in Canada and the Provinces,
for Representative Years, 1929 - 1942. (+)

Year	CANADA	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢
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	6.8	5.9	6.8

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 Industry.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942
 Table 9. - Materials Used by Quantity and Cost Value, 1941 and 1942.

Materials	Unit of Measure	1 9 4 1		1 9 4 2	
		Quantity	Cost Value at Plant \$	Quantity	Cost Value at Plant \$
Baking powder	Pound	716,460	108,878	829,873	124,300
Butter	"	1,450,836	467,161	1,681,008	577,564
Cake and doughnut mixtures	"	3,070,317	408,276	4,233,955	490,504
Chocolate	"	378,785	79,412	392,597	83,513
Cocoa	"	453,271	70,392	510,761	81,136
Cocoanut, shredded	"	1,415,989	208,656	896,309	137,906
Corn starch	"	574,118	39,807	748,594	55,584
Corn syrup	"	-	-	775,033	77,304
Cream	Gallon	153,679	260,202	121,527	234,595
Cream powder	Pound	-	8,048	-	9,062
Cream of tartar and substitutes	"	61,503	21,246	59,624	21,604
Eggs, in shell	Dozen	3,406,878	877,819	3,747,114	1,143,435
Eggs, frozen	Pound	6,917,207	1,170,907	7,692,065	1,804,705
Egg powder	"	17,987	16,539	73,134	61,075
Egg substitutes	"	114,784	19,746	119,158	21,832
Extracts	-	-	142,149	-	153,187
Flour	Barrel	4,237,471	18,706,456	4,678,085	19,778,176
Fruits, dried	Pound	10,485,634	1,086,582	12,549,447	1,397,612
Fruits, fresh	"	2,599,878	216,038	3,335,212	315,498
Fruits, preserved	"	5,551,202	683,572	7,794,897	1,072,437
Gelatine	"	34,095	16,878	27,385	22,680
Glucose	"	583,516	41,882	2,110,934	156,887
Honey	"	-	-	512,472	69,335
Lard	"	13,505,924	1,347,306	16,932,737	2,086,617
Malt	"	2,624,396	259,957	3,793,651	363,879
Malt flour	"	663,285	57,128	830,223	74,878
Malt extract or syrup	"	1,420,728	135,282	3,007,474	277,464
Milk, condensed	"	2,009,796	136,060	3,234,486	226,371
Milk, fresh and skimmed	Gallon	1,004,059	232,687	1,015,797	256,797
Milk, powdered	Pound	10,626,501	1,095,318	9,912,935	1,161,964
Molasses	"	1,765,719	94,926	2,281,065	135,130
Nuts, (walnuts, almonds, etc.) -					
Shelled	"	971,299	338,735	769,010	307,284
Unshelled	"	56,784	9,675	43,345	10,878
Pie fillings	"	1,229,640	150,911	2,377,875	280,345
Potatoes	Bag	6,831	8,630	7,712	12,495
Oils -					
Cocoanut	Pound	119,801	14,467	43,109	6,179
Corn	"	98,220	11,270	170,005	25,542
Other, cooking	"	243,237	28,965	497,799	74,028
Cottonseed	"	265,824	37,418	205,107	33,741
Soya bean	"	60,181	6,603	43,756	5,452
Olive oil	"	5,923	791	3,106	1,094
Salt	"	14,444,719	170,892	15,481,319	183,393
Shortening	"	25,688,055	3,128,900	27,100,510	4,098,641
Sodium bicarbonate	"	251,212	13,843	320,574	20,427
Spices	"	141,615	45,713	177,139	62,577
Sugar	"	58,150,911	4,110,454	50,042,195	3,696,596
Syrups	Gallon	59,211	45,815	59,714	55,857

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 9. - Materials Used by Quantity and Cost Value, 1941 and 1942. - Concluded.

Materials	Unit of Measure	1941		1942	
		Quantity	Cost Value at Plant \$	Quantity	Cost Value at Plant \$
Yeast	Pound	11,442,421	2,200,489	12,322,058	2,378,920
Yeast powders and other yeast preparations	"	1,890,205	207,019	2,831,478	281,355
Boxes, containers, wrappers, etc.	-	-	4,214,660	-	4,233,859
All other materials	-	-	1,418,368	-	1,720,752
TOTAL COST OF MATERIALS USED	-	-	44,172,928	-	49,962,446

Table 10. - Capital Investment by Provinces, 1941 and 1942 and Summary Figures from 1920 to 1940.

Year	Estab-lish-ments No.	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. \$	
1920	1,658	18,377,517	2,203,187	2,970,511	23,551,215
1922	1,865	20,334,240	2,157,019	3,060,353	25,551,612
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	29,928,435	3,231,950	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	36,698,271	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	2,490,946	4,684,972	48,026,819
1939	3,115	40,773,845	3,033,493	5,355,137	49,162,475
1940	3,089	43,876,237	3,394,730	5,824,601	53,095,568

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 10. - Capital Investment by Provinces, 1941 and 1942 and Summary Figures from 1920 to 1940 - Concluded.

Year	Estab- lish- ments	Fixed Capital		Working Capital		Total Capital
		Present value of land, buildings, machinery, tools, etc.	Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	No.	\$	\$	\$	\$	\$
<u>1941</u>						
CANADA	3,034	42,436,484	3,737,672	400,723	6,898,501	53,473,380
Prince Edward Island						
Island	13	102,178	3,071	1,384	7,832	114,465
Nova Scotia	94	864,435	150,227	9,497	183,968	1,208,127
New Brunswick	80	848,275	84,827	7,307	174,345	1,114,754
Quebec	992	11,254,991	1,125,237	131,237	1,300,973	13,812,438
Ontario	1,180	20,567,413	1,635,623	182,869	3,912,394	26,298,299
Manitoba	137	2,408,216	136,824	14,221	238,707	2,797,968
Saskatchewan	112	1,453,336	119,393	4,719	235,631	1,813,079
Alberta	159	1,806,404	170,769	23,888	470,175	2,471,236
British Columbia	266)	3,131,236	311,701	25,601	374,476	3,843,014
N.W.T.	1)					
<u>1942</u>						
CANADA	3,023	43,070,558	4,176,724	334,414	6,337,951	53,919,647
Prince Edward Island						
Island	14	104,450	6,673	54	13,074	124,251
Nova Scotia	98	919,905	174,100	8,234	186,257	1,288,496
New Brunswick	79	848,063	93,263	6,374	270,217	1,217,917
Quebec	1,049	11,985,389	1,187,505	155,287	1,636,647	14,964,828
Ontario	1,128	20,404,463	1,873,850	103,617	2,727,152	25,109,082
Manitoba	135	2,419,886	170,482	18,782	287,312	2,896,462
Saskatchewan	103	1,417,006	139,523	7,309	224,248	1,788,086
Alberta	144	1,744,092	194,710	21,554	523,075	2,483,431
British Columbia	272)	3,227,304	336,618	13,203	469,969	4,047,094
N.W.T.	1)					

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 11. - Employees, Salaries and Wages, by Provinces, 1941 and 1942.

Provinces	Employees on Salaries			Employees on Wages		
	Male	Female	Salaries	Male	Female	Wages
	No.	No.	\$	No.	No.	\$
<u>1941</u>						
CANADA	2,890	1,032	4,642,716	17,288	3,759	21,277,270
Prince Edward Island	5	2	5,704	30	15	25,719
Nova Scotia	74	34	147,600	411	165	508,594
New Brunswick	56	25	106,482	345	157	399,349
Quebec	862	198	1,149,413	5,014	675	5,390,399
Ontario	1,245	527	2,230,864	8,316	1,902	10,707,887
Manitoba	139	50	217,572	866	166	1,057,308
Saskatchewan	120	25	148,611	425	86	492,016
Alberta	149	62	238,956	612	142	848,599
British Columbia						
Yukon and Northwest Territories	240	109	397,514	1,269	451	1,847,399
<u>1942</u>						
CANADA	3,128	1,073	5,432,890	16,397	4,923	23,614,347
Prince Edward Island	9	2	8,936	33	20	33,448
Nova Scotia	79	49	159,863	398	212	606,486
New Brunswick	68	28	120,543	354	184	477,340
Quebec	886	191	1,288,824	4,992	853	6,083,064
Ontario	1,442	544	2,793,008	7,620	2,434	11,584,119
Manitoba	145	52	226,663	831	204	1,176,268
Saskatchewan	108	35	155,613	392	130	519,321
Alberta	143	61	246,138	600	236	970,033
British Columbia						
Northwest Territories	248	111	433,302	1,177	650	2,164,268

Table 12. - Monthly Employment of Wage-earners, 1941 and 1942.

Months	1941			1942		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	16,790	3,277	20,067	16,343	4,269	20,612
February	16,855	3,358	20,213	16,340	4,349	20,689
March	16,970	3,405	20,375	16,289	4,388	20,677
April	17,044	3,474	20,518	16,231	4,454	20,685
May	17,227	3,604	20,831	16,248	4,623	20,871
June	17,459	3,758	21,217	16,410	4,745	21,155
July	17,764	3,816	21,580	16,630	4,922	21,552
August	17,677	3,858	21,535	16,590	5,031	21,621
September	17,328	3,840	21,168	16,369	5,152	21,521
October	17,188	3,888	21,076	16,204	5,331	21,535
November	17,074	3,885	20,959	16,149	5,472	21,621
December	17,056	3,896	20,952	16,123	5,434	21,557
MONTHLY AVERAGE	17,288	3,759	21,047	16,397	4,923	21,320

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 13a - Number of Male Wage-earners in Month of Normal Employment with their Regular Hours of Work per Week and Average Weekly Earnings, 1942.

Hours Worked per Week	CANADA	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male
30 hours or less	601	1	10	10	81	377	26	15	20	61
31 - 43 hours	338	-	2	10	80	188	18	5	10	25
44 hours	262	-	3	1	39	153	11	-	3	52
45 - 47 hours	298	-	1	-	51	127	17	9	13	80
48 hours	2,651	12	38	125	371	852	158	191	228	676
49 - 50 hours	1,443	8	95	9	289	682	214	13	30	103
51 - 54 hours	4,681	4	144	85	1,014	2,585	267	132	206	244
55 hours	1,191	9	32	55	566	415	78	10	23	3
56 - 64 hours	5,069	-	70	97	2,273	2,404	111	15	92	7
65 hours and over	769	-	13	1	368	367	3	15	-	2
<hr/>										
Average hours per week -										
1941	52.8	50.3	53.1	53.9	56.2	52.1	50.9	50.2	50.4	50.1
1942	53.2	50.0	52.6	52.1	56.0	53.0	50.8	49.9	50.6	47.4
Average weekly earnings -										
1941	22.01	12.05	19.29	19.14	20.03	22.96	21.52	20.48	24.31	25.06
1942	25.16	13.29	25.53	21.03	22.21	26.10	23.48	20.15	24.80	29.55

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 13b - Number of Female Wage-earners in Month of Normal Employment with their Regular Hours of Work per Week and Average Weekly Earnings, 1942.

Hours Worked per Week	CANADA	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Mani- toba	Saskat- chewan	Alberta	British Columbia
	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
30 hours or less	607	-	6	7	37	423	26	9	12	87
31 - 43 hours	350	-	5	4	44	221	12	3	14	47
44 hours	493	-	6	10	26	343	15	5	15	73
45 - 47 hours	459	-	9	19	37	183	33	2	10	166
48 hours	1,882	9	62	50	122	827	118	122	170	402
49 - 50 hours	440	4	42	10	84	255	11	4	20	10
51 - 54 hours	839	5	64	26	353	307	25	11	37	11
55 hours	224	4	9	32	88	78	10	-	3	-
56 - 64 hours	286	-	35	40	144	61	-	-	6	-
65 hours and over	24	-	6	1	1	12	-	-	4	-
Average hours per week -										
1941	46.4	44.3	49.9	51.9	51.0	44.7	45.2	46.7	45.4	44.2
1942	46.0	50.5	50.9	50.8	50.7	44.1	45.3	46.6	47.5	44.1
Average weekly earnings -										
1941	11.54	8.66	10.04	9.01	11.79	11.44	9.54	11.47	12.44	13.63
1942	12.96	11.04	12.13	10.53	12.01	12.81	11.59	13.19	15.31	15.05

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 14. - Power Equipment, 1941 and 1942.

Classes of Power	1 9 4 1		1 9 4 2	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and turbines -				
In Use	16	227	9	188
Idle	1	5	1	5
Oil, gas and gasoline engines -				
In Use	345	1,245	349	1,150
Idle	9	51	3	13
Electric motors operated by purchased power -				
In Use	7,143	17,583	7,372	17,558
Idle	142	460	174	480
TOTAL POWER USED IN MANUFACTURING	7,656	19,571	7,908	19,394

Table 15. - Consumption of Fuel and Electricity in Canada, by Classes, 1941 and 1942.

Kinds of Fuel	Unit of Measure	1 9 4 1		1 9 4 2	
		Quantity	Cost Value at Factory or Works	Quantity	Cost Value at Factory or Works
Bituminous coal, all grades	Ton (2000 lb.)	25,828	230,537	31,375	296,750
Anthracite coal, all grades ..	"	9,919	127,553	13,463	177,983
Lignite coal, all grades ..	"	4,556	26,486	5,104	40,598
Coke	"	29,557	348,976	27,902	340,242
Gasoline	Imp. Gal.	3,172,053	951,210	2,919,140	929,552
Fuel oils	" "	2,841,982	221,180	2,285,756	206,477
Wood	Cord	106,038	400,976	102,312	504,724
Gas, manufactured and natural	M cu.ft.	778,747	423,134	793,655	448,285
Electricity purchased (including service charges) .	-	-	650,690	-	701,332
All other fuel, not specified	-	-	12,109	-	34,152
TOTAL COST OF FUEL AND ELECTRICITY	-	-	3,392,851	-	3,680,095

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

Table 16. - Principal Statistics of Bakeries in Specified Cities, Throughout the Dominion, 1941^x

Cities	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
<u>PRINCE EDWARD ISLAND</u>						
Charlottetown	11	104,000	47	28,791	94,786	166,928
<u>NOVA SCOTIA</u>						
Halifax	21	560,562	276	290,685	780,194	1,499,844
Sydney	6	164,634	109	113,195	280,132	483,858
<u>NEW BRUNSWICK</u>						
Saint John	27	645,291	308	279,024	670,272	1,184,240
Moncton	11	128,437	88	71,594	191,207	333,425
<u>QUEBEC</u>						
Montreal	128	5,023,319	2,699	2,804,069	4,878,748	10,000,351
Quebec	50	946,834	559	479,718	994,220	1,790,779
Sherbrooke	11	313,822	104	88,836	170,926	365,372
Three Rivers	10	173,182	79	77,193	129,134	259,046
Hull	6	267,336	83	86,851	133,864	270,021
<u>ONTARIO</u>						
Toronto	271	11,547,465	4,965	5,819,868	8,501,275	18,675,871
Hamilton	62	2,017,096	1,025	1,178,061	1,588,109	3,329,642
London	35	791,088	431	432,425	678,477	1,448,143
Ottawa	31	1,842,900	773	914,130	1,427,398	3,069,648
Windsor	26	754,423	396	466,061	700,696	1,598,840
Brantford	12	384,322	124	156,982	253,007	505,555
Kitchener	11	286,066	135	142,343	227,361	441,739
Sault Ste. Marie ...	13	267,073	108	97,592	226,578	385,984
Peterborough	6	179,476	101	126,285	164,086	372,026
Oshawa	6	87,785	44	43,785	71,035	152,403
<u>MANITOBA</u>						
Winnipeg	64	2,221,268	884	1,019,635	1,551,072	3,225,401
Brandon	5	147,797	100	85,182	162,607	340,511
<u>SASKATCHEWAN</u>						
Regina	15	527,454	202	229,257	447,933	866,097
Saskatoon	10	460,661	154	164,790	371,546	723,101
Moose Jaw	9	259,258	79	91,067	168,864	348,925
<u>ALBERTA</u>						
Calgary	30	965,226	383	491,669	851,985	1,812,637
Edmonton	31	800,120	316	385,327	695,414	1,431,471
Lethbridge	9	143,339	54	54,081	110,425	253,170
<u>BRITISH COLUMBIA</u>						
Vancouver	113	2,235,197	1,303	1,460,048	2,296,788	4,792,212
Victoria	30	528,173	280	302,071	533,873	1,134,705
New Westminster	11	100,909	69	84,556	97,019	250,892

^x Figures for 1942 were not available at the time of publishing this report. These will be included in the report for 1943.

THE BREAD AND OTHER BAKERY PRODUCTS INDUSTRY IN CANADA, 1942.

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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