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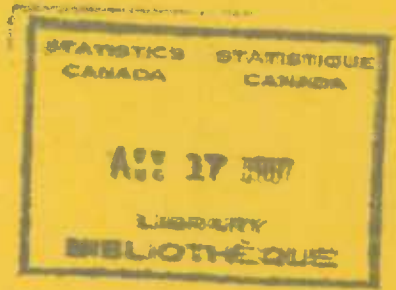
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Government of Canada



**DAIRY FACTORIES**

1947





**DOMINION BUREAU OF STATISTICS  
DEPARTMENT OF TRADE AND COMMERCE**

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**DAIRY FACTORIES**

**1947**

(Prepared in collaboration with Dominion and Provincial Departments)

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Published by Authority of the Rt. Hon. C. D. Howe  
Minister of Trade and Commerce

Prepared in the Animal Products Section,  
of the Industry and Merchandising Division,  
Dominion Bureau of Statistics, Ottawa





## P R E F A C E

Annual statistics of dairy factories of Canada are issued by the Dominion Bureau of Statistics in collaboration with the Provincial Departments concerned. The arrangements for co-operation embrace all the provinces but the procedure varies in respect to the collection of returns. For all provinces a uniform schedule is printed by the Dominion Bureau; for Prince Edward Island, New Brunswick, Saskatchewan, Alberta and British Columbia the schedules are distributed and the returns collected and revised by the provincial commissioners, the returns being then forwarded to the Bureau for compilation, and the resulting statistics used as desired by both the Dominion and Provincial Departments. In the case of Nova Scotia, Ontario and Manitoba the schedules are distributed and the returns collected, revised and compiled by the Dominion Bureau, the provincial Department of Agriculture furnishing the lists of dairy factories. The Quebec Bureau of Statistics collects and compiles the returns and forwards to the Dominion Bureau the results of the compilations; the original reports of the dairy factories are also placed at the disposal of the Dominion Bureau.

These arrangements ensure uniformity of the dairy statistics issued by the Dominion and Provincial Governments, and avoid the necessity for duplicate inquiries to factory operators.

The Dairy Products Division of the Dominion Department of Agriculture also co-operates, its officers furnishing advice in technical details.

*Herbert Marshall*

Herbert Marshall,  
Dominion Statistician.

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THE DAIRYING INDUSTRY OF CANADA

Dairying is one of the oldest and one of the most important Canadian industries. The factory system was introduced in 1864 when the first Canadian cheese factory was established in Ontario, and the first Canadian creamery for butter-making in Quebec in 1873. The first centrifugal cream separator was imported from Denmark in 1882, and the Government organization of cold storage services dates from 1895. In 1868, the quantity of cheese exported from Canada was 6,141,570 pounds and of butter 10,649,733 pounds. There was a rapid advance in the export trade of cheese after that date, and a moderate advance in the export of butter. Cheese reached its maximum export in 1904 with 233,980,716 pounds, and butter in 1903 with 34,128,944 pounds.

The decline shown in the exports of cheese and butter in the succeeding years is due to the greater requirements of home consumption caused by the relative increase of urban population since the beginning of the present century. This has had the effect of increasing the demand for milk consumed whole and of replacing the manufacture of cheese for export by that of butter sold for home consumption. There has also been a large increase in the production of concentrated milk, i.e., condensed and evaporated milk, milk powder, etc. The first plant was established at Truro, N.S., in 1883, and there are now in Canada thirty-one plants for the manufacture of concentrated milk.

Government Assistance. - The Federal Government through the Department of Agriculture and the Department of Trade and Commerce assists in various ways in promoting the interests of the dairy industry. The Dairy Products Division has charge of this work for the Dominion Department of Agriculture. Its principal activities, which are designed primarily to assist the farmer, include the following.

Market Intelligence Service. - A weekly Market Report is issued giving a review of dairy market conditions on the Montreal, Toronto and New York markets; records of transactions on Country Boards in Ontario and Quebec are also included in the report; prepaid market telegrams are sent to the different provincial dairy officials so that the information may be distributed by them throughout the different provinces; in addition, collect market telegrams are sent to any one desiring to receive them; a monthly Dairy News Letter and a monthly Cold Storage News Letter, as well as bulletins from time to time, are published.

Grading. - All creamery butter and factory cheese exported from Canada must be graded before being exported and graders are maintained at various centres throughout the Dominion. The grading of butter for domestic consumption may be compulsory by the proclamation of Regulation No. 28, under the Dairy Industry Act, in any province, and the passing of legislation by the province authorizing the Dominion Government to enforce the Regulation. The Regulation became operative in the provinces of British Columbia and Alberta on the 1st of May, 1935; in Saskatchewan and Manitoba on the 1st of June, 1935; in Ontario on the 1st of September, 1936 and in Quebec and New Brunswick on the 1st of June, 1937.

Iced Car Services. - (a) Arrangements are made for the operation of iced refrigerator car services over specified routes to Toronto, Montreal, Quebec and Halifax, for butter and eggs, during the months of June, July, August and September, and inspection is made of the cars on arrival at destination. (b) Arrangements are also made with the different railway companies to operate iced refrigerator cars for the transportation of cheese to Montreal, Quebec and Halifax for export.

Cargo Inspection. - Cargo inspectors are maintained at the Canadian ports of Montreal, Quebec, Vancouver and Halifax and during the winter months at the port of Saint John, N.B.; inspection service is also maintained at London, Southampton, Liverpool, Manchester and Glasgow in the United Kingdom.

Supervision of Concentrated Milk Plants. - Officials visit regularly all plants manufacturing condensed, evaporated and dried milk, and render assistance to the different establishments in the way of expert technical advice; inspection also is made of the manufactured products in order to see that the standards of composition and of net weights are complied with.

Research. - Defects in the quality of dairy products are studied and remedies suggested.

Milk Utilization Service. - A staff of trained dieticians is employed to give demonstrations and lectures on the value of milk and its products in the diet.

Cold Storage Warehouse Subsidies. - Under the provisions of the Cold Storage Act the government may enter into contracts with persons or firms for the payment of subsidies on the construction of public cold storage warehouses.

Subsidies paid to primary producers of milk and butterfat. - Government subsidies have been used as an incentive to maintain or increase production of essential dairy products during the war and period of reconversion. These subsidies have been paid under the direction of the Agricultural Food Board. Throughout 1946 a subsidy of 10 cents per pound was paid to producers for butterfat used in the manufacture of creamery butter. A subsidy of 20 cents per 100 pounds for milk used in the manufacture of Cheddar cheese was paid from January 1, 1946 to April 30. From May 1 to the end of the year the rate was 30 cents. Producers of milk for concentration purposes were also paid a subsidy at the following rates: January 1 to April 30, 30 cents per 100 pounds; May 1 to September 30, 23 cents per 100 pounds. Manufacturers acted as agents of the Government for the payment of these subsidies. The subsidy was removed effective October 1, 1946.

<sup>1</sup> In the year 1940, due to the demand created by the War, there was an upturn in the export of dairy products, and the higher level was maintained in 1943. The items chiefly responsible for the advance are cheese, and condensed and evaporated milk.



DAIRY FACTORIES

Stabilization Programme. - In order to control the utilization of milk the Agricultural Food Board instituted a stabilization programme in October 1st, 1943. While this program was in effect, it was necessary for manufacturers and distributors to obtain permission from the Board before purchasing milk or cream from other than those from whom they were purchasing milk or cream prior to and regularly since September 30, 1943. This control was discontinued at October 31, 1945.

The Department of Agriculture paid a premium in 1947, of one cent per pound on all cheddar cheese produced in the Dominion scoring 93 points, and two cents per pound on cheese scoring 94 points or over. The Department of Agriculture has also undertaken during the past few years to encourage the amalgamation of small cheese factories into larger units, by paying a subsidy of 50 per cent of the cost, where two or more cheese factories amalgamate.

The price of cheese shipped to the British Ministry of Food under the 1947-48 agreement and which was on a basis of 25 cents per pounds, First Grade, f.o.b. Factory Shipping point, was not supplemented by the Canadian Government apart from the regular premium which was paid and which is referred to in the preceding paragraph of the report. The province of Ontario continued to pay subsidies on cheese during the year 1947, but only during the period of requisitioning of cheese for the Ministry of food. The province of Quebec discontinued the payment of subsidy on first grade cheddar cheese on December 1, 1942, and it was not until July 1, 1943, that it was again introduced and carried on for the remainder of the calendar year. Quebec discontinued on November 1, 1944.

The Dairy Products Board supported the creamery butter market during the calendar year 1947 by buying butter at the minimum prices which were established. (a)

The Department of Trade and Commerce renders assistance chiefly in matters connected with the marketing abroad of cheese and butter, the control of imports of dairy products, and the publication of statistics.

Information regarding the production of milk on Canadian farms was collected for the first time in the Census of 1911 (covering production in the year 1910), but an estimate had been made for 1900 which placed production in that year at 6,866,834,000 pounds. In 1910 (census) the production of milk amounted to 9,806,741,348 pounds, in 1920 (census) to 10,976,235,351 pounds, in 1930 (census) to 12,854,323,094 pounds, and in 1940 (census) 15,648,785,757 pounds, an increase since the beginning of the century of 128 per cent. The production of milk in Canada in 1947 is estimated at 17,240,788,000 pounds. (b)

The statistics in this report relate solely to the production of dairy factories; they do not include butter made on the farm and known as "dairy butter" and farm-made cheese. The Census of 1941 showed that the production of dairy butter in 1940 was 81,701,486 pounds, and of home-made cheese 808,034 pounds, these quantities representing, respectively, 24 and 0.6 per cent of the totals. An estimate made by the Agricultural Branch of the Dominion Bureau of Statistics places the production of dairy butter in 1947 at 56,295,000 pounds and of farm-made cheese at 740,000 pounds.

Complete statistics of the production of dairy factories date from 1900, when the total value of the products was \$29,731,922. In 1917, the year when the collection of annual returns of dairy factories was commenced, the value of output was \$93,879,326, while in 1947, the latest year for which statistics are available, the value had mounted to \$352,373,109. This is a high record for the industry and it exceeds by \$82,067,603, the previous record, which was held by the product of the year 1946.

The per capita consumption of butter in Canada in 1947 is estimated at 27.96 pounds and the consumption of cheese at 5.25 pounds.

Mention might here be made of the product termed "Processed" cheese, which is made from ordinary cheddar cheese. The process is stated to consist essentially of grinding the cheese, heating it in a jacketed container with agitation and filling it into the proper receptables, either directly or with specially designed machinery. The cheese is pasteurized by the heat applied, and the effect is to check fermentation. A secret of the process is to apply this degree of heat and at the same time prevent the fat from "oiling off". The cheese is placed on the market in packages of one-half and one-quarter pound and is sold also in bulk. The product varies in firmness, ranging from soft cheese to the fairly solid cheese which can be sliced. In 1947, the production of processed cheese amounted to 39,367,323 pounds. Statistics of the industry are given on page 71 of the present volume.

(a) The statement entitled "Government Assistance" has been contributed by the Dairy Products Division of the Dominion Department of Agriculture.

(b) Estimates of the production of milk on Canadian farms and of the production of farm butter and cheese are made for intercensal years by the Agricultural Branch of the Dominion Bureau of Statistics.

DAIRY FACTORIES

REPORT

ON THE

DAIRY FACTORIES OF CANADA, 1947

Introduction

The classification "dairy factory" embraces every factory having a production of butter, cheese, or concentrated milk (condensed milk, evaporated milk, milk powder, etc.). In the main tables of the report the creameries, cheese factories and combined butter and cheese factories are regarded as a whole, and the statistics are given, by counties and districts, under the general classification "butter and cheese factories". The introductory tables, which summarize the principal data, by provinces, give information for each of the groups separately, and also for the total of the three. Statistics of concentrated milk plants are shown separately in both main and introductory tables. The volume also contains statistics of the separately classified ice cream and processed cheese industries.

Creamery Butter and Factory Cheese

Creamery Butter:- The production of creamery butter in Canada in the year 1947 reached a total of 290,952,691 pounds. This amount shows an increase in production from the preceding year of 19,488,292 pounds or 7 per cent. The total value of the butter made in 1947 was \$152,935,070, an increase of \$47,493,669 from 1946. The average price per pound for the year was 52.56 cents compared with 38.84 cents in 1946. The relation which the production of each province bears to the total output is shown by the following percentages with the 1946 figures in brackets: Quebec, 33.5 (31.4); Ontario, 26.5 (25.5); Saskatchewan, 12.5 (13.7); Alberta, 11.0 (11.3); Manitoba, 9.0 (9.6); New Brunswick, 2.4 (2.5); Nova Scotia, 2.3 (2.6), British Columbia, 1.5 (2.0); Prince Edward Island, 1.3 (1.4). The production of butter shows an increase over 1946 in four provinces: Ontario, Quebec, Manitoba and Alberta.

Factory Cheese:- (a) The production of factory cheese in 1947 amounted to 123,337,530 pounds, a decrease from the year 1946 of 24,309,979 pounds or 16.5 per cent. The total value of the output was \$31,928,861. The average price per pound was 25.89 cents. Ontario is the chief cheese producing province, its output in 1947 representing 73 per cent of the total for Canada. Quebec is second in importance with 20 per cent of the total output and the remaining provinces, combined, contribute 7 per cent. No factory cheese is manufactured in Nova Scotia.

Tables 1 to 4 give the quantity, value and average price per pound of creamery butter and factory cheese, by provinces, for the years 1945 to 1947, and the production, value and average price per pound for Canada as a whole for the period 1900-1947. Table 4 is illustrated by the chart on page 8.

1. PRODUCTION AND VALUE OF CREAMERY BUTTER, 1945 - 1947.

Production of Butter in Creameries

	1945		1946		1947	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island .....	4,131,303	1,469,835	3,791,419	1,531,680	3,567,309	1,956,484
Nova Scotia .....	7,392,173	2,815,675	6,987,905	2,966,070	6,689,566	3,752,971
New Brunswick .....	7,402,797	2,712,320	6,884,648	2,814,609	6,913,176	3,756,903
Quebec .....	79,479,244	27,600,818	76,569,317	30,283,581	89,881,634	47,432,916
Ontario .....	72,874,802	25,847,442	64,459,852	25,533,588	71,681,853	37,961,810
Manitoba .....	26,878,314	8,960,518	25,983,369	9,675,332	26,288,027	13,657,627
Saskatchewan .....	41,074,023	13,557,793	37,025,440	13,690,093	36,330,105	18,434,572
Alberta .....	34,053,532	11,179,724	30,063,180	11,190,384	31,538,885	16,155,344
British Columbia .....	6,205,307	2,283,130	5,330,677	2,129,140	4,427,921	2,671,538
<b>Total .....</b>	<b>279,491,495</b>	<b>96,427,255</b>	<b>257,095,807</b>	<b>99,814,477</b>	<b>277,319,276</b>	<b>145,780,167</b>

(a) Practically the entire output of factory cheese consists of "Canadian Cheddar", but a small quantity also classified as factory cheese, but other than cheddar, made in the province of Quebec, and amounting in 1947 to 1,385,708 pounds, is included with the total figure.



## DAIRY FACTORIES

1. PRODUCTION AND VALUE OF CREAMERY BUTTER, 1945 - 1947 - concluded.

## Production of Butter in Combined Factories

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island ....	185,761	66,288	104,283	42,756	90,171	46,889
New Brunswick .....	22,544	8,543	36,220	13,983	-	-
Quebec .....	8,491,070	2,949,275	8,785,823	3,453,983	7,286,120	3,886,246
Ontario .....	3,435,958	1,205,474	3,782,544	1,490,553	4,366,450	2,218,973
Manitoba .....	126,247	41,625	75,456	28,641	51,184	25,623
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	639,385	210,151	680,577	250,601	513,447	253,683
British Columbia .....	-	-	901	373	11,250	5,777
Total .....	12,900,965	4,481,356	13,465,804	5,280,890	12,318,622	6,437,191

## Production of Butter in Concentrated Milk Factories

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	lb.	\$	lb.	\$	lb.	\$
Quebec .....	90,723	28,488	-	-	203,065	99,240
Ontario .....	1,299,663	461,379	902,788	346,034	1,111,728	618,472
Total .....	1,390,386	489,867	902,788	346,034	1,314,793	717,712

## Production of Butter in All Factories

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island ....	4,317,064	1,536,123	3,895,702	1,574,436	3,657,480	2,003,373
Nova Scotia .....	7,392,173	2,815,675	6,987,905	2,966,070	6,689,566	3,752,971
New Brunswick .....	7,425,341	2,720,863	6,920,868	2,828,592	6,913,176	3,756,903
Quebec .....	88,061,037	30,578,581	85,355,140	33,737,564	97,370,819	51,418,404
Ontario .....	77,610,423	27,514,295	69,145,184	27,370,175	77,160,031	40,799,255
Manitoba .....	27,004,561	9,002,143	26,058,825	9,703,973	26,340,011	13,683,250
Saskatchewan .....	41,074,023	13,557,793	37,025,440	13,690,093	36,330,105	18,434,572
Alberta .....	34,692,917	11,389,875	30,743,757	11,440,985	32,052,332	16,409,027
British Columbia .....	6,205,307	2,283,130	5,331,578	2,129,513	4,439,171	2,677,315
Total .....	293,782,846	101,398,478	271,464,399	105,441,401	290,952,691	152,935,070

2. PRODUCTION AND VALUE OF FACTORY CHEESE, 1945 - 1947.

## Production of Cheese in Cheese Factories

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island ....	955,034	222,749	672,018	168,620	590,637	180,593
New Brunswick .....	1,068,229	238,485	917,725	206,801	743,366	205,659
Quebec .....	34,296,373	6,963,848	25,163,589	5,333,155	12,555,250	3,223,405
Ontario .....	108,417,233	21,745,349	90,214,945	18,633,033	85,033,526	21,663,336
Manitoba .....	3,409,165	769,144	2,643,516	626,979	3,449,378	1,022,143
Saskatchewan .....	368,966	82,500	376,806	85,341	328,092	97,385
Alberta .....	3,473,390	783,072	2,901,166	664,380	2,711,227	793,738
British Columbia .....	748,825	157,893	63,826	14,072	52,806	16,000
Total .....	152,737,215	30,963,040	122,953,591	25,732,381	105,464,282	27,202,259

DAIRY FACTORIES

2. PRODUCTION AND VALUE OF FACTORY CHEESE, 1945 - 1947 - concluded.

Production of Cheese in Combined Factories

Province	1945		1946		1947	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island ..	97,098	22,883	65,098	14,973	73,217	21,965
New Brunswick .....	126,212	28,354	52,662	11,916	-	-
Quebec .....	27,223,088	5,647,138	18,031,831	3,750,265	12,892,275	3,408,190
Ontario .....	6,563,518	1,322,445	4,944,770	1,041,671	3,930,778	1,024,949
Manitoba .....	449,603	124,316	534,539	126,908	8,153	2,201
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	511,770	120,237	329,604	81,639	366,679	107,425
British Columbia .....	-	-	625,326	131,910	480,494	130,642
<b>Total .....</b>	<b>34,971,289</b>	<b>7,265,373</b>	<b>24,583,830</b>	<b>5,159,282</b>	<b>17,751,596</b>	<b>4,695,372</b>

Production of Cheese in Concentrated Milk Factories

Province	1945		1946		1947	
	lb.	\$	lb.	\$	lb.	\$
Ontario .....	219,811	43,811	110,088	22,273	121,652	31,230
<b>Total .....</b>	<b>219,811</b>	<b>43,811</b>	<b>110,088</b>	<b>22,273</b>	<b>121,652</b>	<b>31,230</b>

Production of Cheese in All Factories

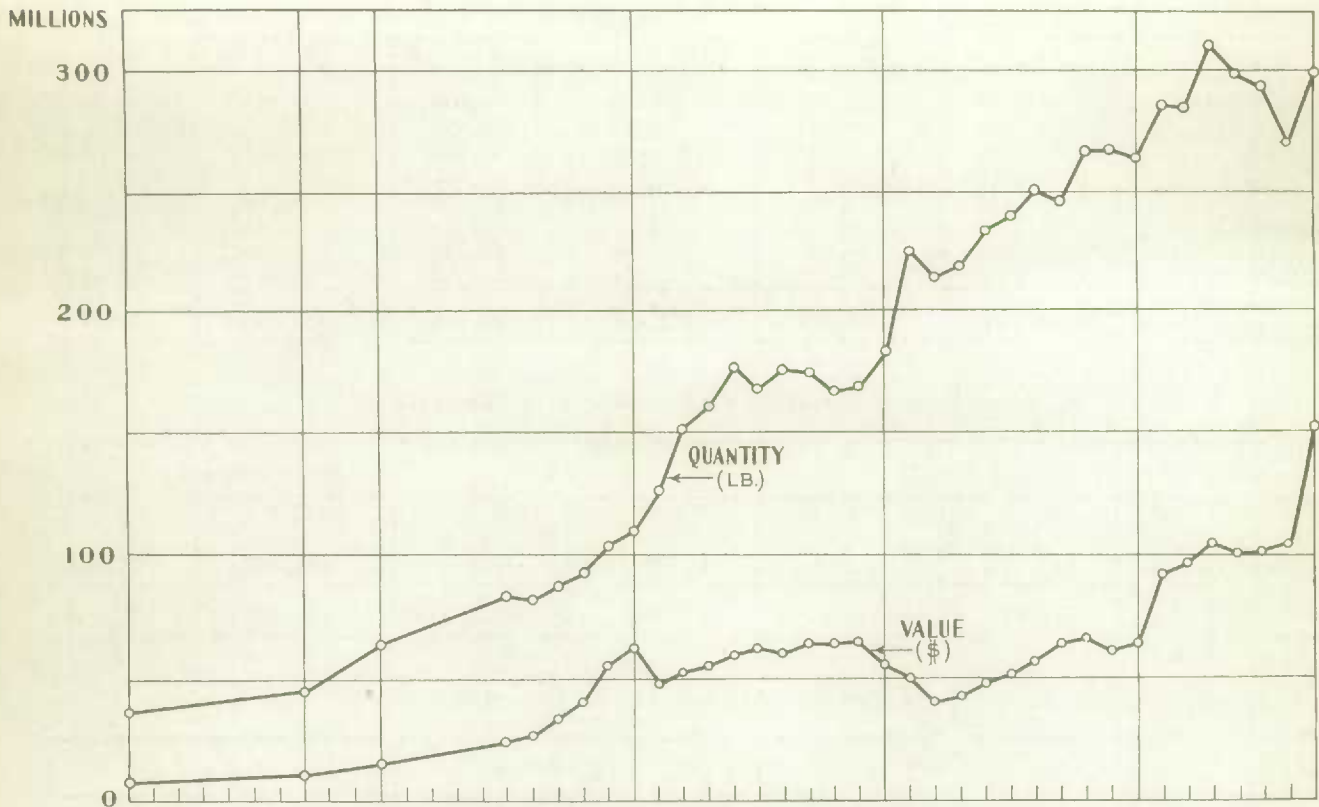
Province	1945		1946		1947	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island ..	1,052,132	245,632	737,116	183,593	663,854	202,558
New Brunswick .....	1,194,441	266,839	970,387	218,717	743,366	205,659
Quebec .....	61,519,461	12,610,986	43,195,420	9,083,420	25,447,525	6,631,595
Ontario .....	115,200,562	23,111,605	95,269,803	19,696,977	89,085,956	22,719,315
Manitoba .....	3,858,768	893,460	3,178,055	753,887	3,457,531	1,024,344
Saskatchewan .....	368,966	82,500	376,806	85,341	328,092	97,385
Alberta .....	3,985,160	903,309	3,230,770	746,019	3,077,906	901,163
British Columbia .....	748,825	157,893	689,152	145,982	533,300	146,642
<b>Total .....</b>	<b>187,928,315</b>	<b>38,272,224</b>	<b>147,647,509</b>	<b>30,913,936</b>	<b>123,337,530</b>	<b>31,928,861</b>

3. AVERAGE PRICE PER POUND OF CREAMERY BUTTER AND FACTORY CHEESE, 1945 - 1947.

Province	Creamery Butter			Factory Cheese		
	1945	1946	1947	1945	1946	1947
	cents	cents	cents	cents	cents	cents
Prince Edward Island ..	35.58	40.41	54.77	23.35	24.91	30.51
Nova Scotia .....	38.08	42.45	56.10	-	-	-
New Brunswick .....	36.64	40.87	54.34	22.34	22.54	27.66
Quebec .....	34.72	39.53	52.81	20.50	21.03	26.06
Ontario .....	35.45	39.58	52.87	20.06	20.67	25.50
Manitoba .....	33.34	37.23	51.94	23.15	23.72	29.63
Saskatchewan .....	33.01	36.97	50.74	22.36	22.65	29.68
Alberta .....	32.83	37.21	51.19	22.67	23.09	29.24
British Columbia .....	36.79	39.94	60.03	21.09	21.18	27.49
<b>Average .....</b>	<b>34.51</b>	<b>38.84</b>	<b>52.56</b>	<b>20.36</b>	<b>20.94</b>	<b>25.89</b>

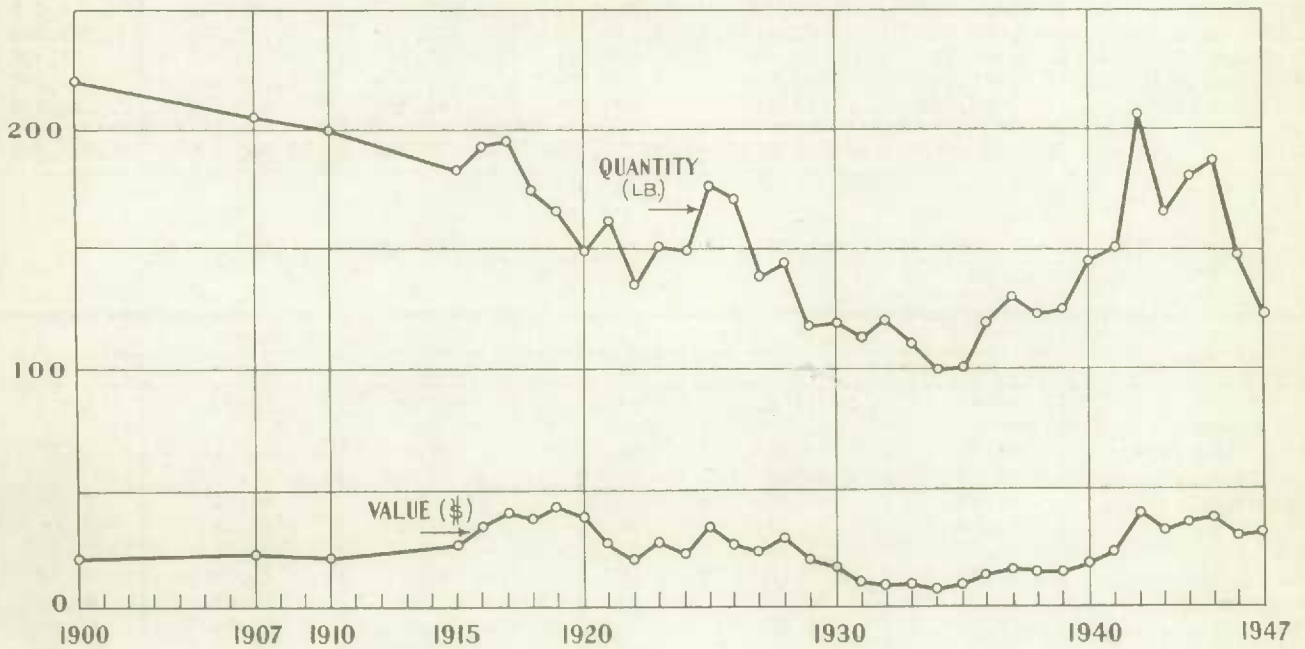
# PRODUCTION AND VALUE OF CREAMERY BUTTER

1900, 1907, 1910 AND 1915 TO 1947



# PRODUCTION AND VALUE OF FACTORY CHEESE

1900, 1907, 1910 AND 1915 TO 1947





DAIRY FACTORIES

4. PRODUCTION, VALUE AND AVERAGE PRICE PER POUND OF CREAMERY BUTTER AND FACTORY CHEESE,

1900, 1907, 1910, AND 1915 TO 1947.

Year	Dairy Factories	Creamery Butter			Factory Cheese		
		Quantity	Value	Average price per lb.	Quantity	Value	Average price per lb.
		lb.	\$	cents	lb.	\$	cents
1900 .....	3,576	36,066,739	7,240,972	20.07	220,833,269	22,221,430	10.06
1907 .....	3,515	45,930,294	10,949,062	23.83	204,788,583	23,597,639	11.52
1910 .....	3,625	64,489,398	15,597,807	24.18	199,904,205	21,587,124	10.79
1915 .....	3,513	83,991,453	24,385,052	29.03	183,887,837	27,097,176	14.73
1916 .....	3,446	82,564,130	26,966,355	32.66	192,968,597	35,512,622	18.40
1917 .....	3,418	87,526,939	34,274,218	39.15	194,904,336	41,180,623	21.12
1918 .....	3,373	93,298,348	41,859,156	44.86	174,878,313	39,456,532	22.56
1919 .....	3,282	103,890,707	56,371,985	54.26	166,421,871	44,586,168	26.79
1920 .....	3,161	111,691,718	63,625,203	56.96	149,201,856	39,100,872	26.20
1921 .....	3,114	128,744,610	48,135,439	37.38	162,117,494	28,710,030	17.70
1922 .....	3,095	152,501,900	53,453,282	35.05	135,821,116	21,824,760	16.06
1923 .....	3,007	162,834,608	56,873,510	34.93	151,624,376	28,645,192	18.89
1924 .....	2,933	178,893,937	60,494,826	33.82	149,707,530	24,201,923	16.17
1925 .....	3,012	169,494,967	63,008,097	37.17	177,139,113	36,571,556	20.65
1926 .....	3,047	177,209,287	61,753,390	34.85	171,731,631	28,807,841	16.77
1927 .....	2,899	176,978,947	65,709,986	37.13	138,056,908	25,522,148	18.49
1928 .....	2,833	168,027,039	64,702,538	38.51	144,584,619	30,494,463	21.09
1929 .....	2,797	170,810,230	65,929,782	38.60	118,746,286	21,471,330	18.08
1930 .....	2,724	185,751,061	55,670,504	30.51	119,105,203	18,089,870	15.19
1931 .....	2,702	225,955,246	50,198,878	22.22	113,956,639	12,824,695	11.25
1932 .....	2,734	214,002,127	40,475,479	18.91	120,524,243	11,379,922	9.44
1933 .....	2,716	219,232,546	43,546,109	19.86	111,146,493	11,127,984	10.01
1934 .....	2,653	234,852,961	48,168,592	20.51	99,346,617	9,797,588	9.86
1935 .....	2,610	240,918,799	52,228,133	21.68	100,427,390	10,570,309	10.53
1936 .....	2,595	250,931,777	57,662,160	22.98	119,123,483	15,565,813	13.07
1937 .....	2,592	247,056,746	64,217,332	25.99	130,625,838	17,965,123	13.75
1938 .....	2,552	267,347,271	66,534,568	24.89	123,971,308	16,809,861	13.56
1939 .....	2,551	267,612,546	61,748,399	23.07	125,475,359	15,311,782	12.20
1940 .....	2,509	264,723,669	64,908,981	24.52	145,338,538	19,911,205	13.70
1941 .....	2,452	285,848,196	93,199,557	32.60	151,865,538	24,737,037	16.29
1942 .....	2,404	284,591,372	97,740,910	34.34	206,935,464	41,274,246	19.95
1943 .....	2,340	311,709,476	105,103,734	33.72	165,527,733	33,550,326	20.27
1944 .....	2,308	298,777,262	101,534,710	33.98	181,117,830	36,659,129	20.24
1945 .....	2,270	293,782,846	101,398,478	34.51	187,928,315	38,272,224	20.36
1946 .....	2,194	271,464,399	105,441,401	38.84	147,647,509	30,913,936	20.94
1947 .....	2,068	290,952,691	152,935,070	52.56	123,337,530	31,928,861	25.89

Concentrated Milk.- The items under this classification are divided into two sections, i.e. concentrated whole-milk products and concentrated milk by-products. The production of concentrated whole-milk totalled 254,945,435 pounds in comparison with 241,188,718 pounds in 1946. The chief item in this classification is evaporated milk, the production of which amounted to 211,688,594 pounds. Condensed whole-milk is second in order of quantity, with 29,073,289 pounds. The by-products amounted to 76,837,017 pounds, compared with 59,113,958 pounds in 1946. The value of all items combined in 1947 was \$40,321,591, to which the whole-milk products contributed \$30,206,400, and the by-products \$10,115,191. Compared with the preceding year the total value shows an increase of \$7,641,074. For average prices of all items of concentrated whole-milk and by-products see Table 6 on the following page.

The industry is centred in Ontario, where are located 21 of the 31 plants in operation during the year. The remaining plants are located by provinces as follows: Nova Scotia, 1; Quebec, 5; Alberta, 1; and British Columbia, 3. It should be noted that a small amount of concentrated milk is manufactured in creameries and this is included in the following table with the product of concentrated milk factories. In the general tables of the report the concentrated milk plants are placed in a separate group, as distinct from the butter and cheese factories.

## DAIRY FACTORIES

## 5. CONCENTRATED MILK PRODUCTS, 1945 - 1947.

Kind	1945		1946		1947	
	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$
<b>Concentrated Whole Milk Products</b>						
Condensed whole milk (sweetened) -						
Case goods .....	21,171,534	2,677,282	23,984,486	3,287,272	21,931,369	3,553,303
Bulk goods .....	7,588,600	895,961	7,019,539	854,976	7,141,920	984,628
Evaporated whole milk (unsweetened) -						
Case goods .....	199,232,086	15,738,217	194,925,311	16,146,896	205,957,127	20,088,654
Bulk goods .....	676,091	55,423	1,264,813	85,817	5,731,467	554,610
Whole milk powder -						
Spray process .....	11,233,861	3,920,072	10,888,974	4,303,267	10,506,517	3,777,758
Roller process .....	2,100,397	538,624	3,089,775	907,085	3,664,586	1,242,861
Cream powder .....	7,927	3,635	15,820	7,668	12,449	4,586
<b>Total .....</b>	<b>242,010,496</b>	<b>23,829,214</b>	<b>241,188,718</b>	<b>25,592,981</b>	<b>254,945,435</b>	<b>30,206,400</b>
Kind	1945		1946		1947	
	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$
<b>Concentrated Milk By-Products</b>						
Condensed skim milk ....	3,993,884	288,035	3,390,119	289,543	4,238,876	397,927
Evaporated skim milk ...	2,009,300	80,810	3,004,042	117,123	3,781,462	184,463
Skim milk powder -						
Spray process .....	13,521,820	1,540,607	15,471,638	1,908,900	19,052,176	2,693,673
Roller process .....	23,072,774	2,513,028	26,635,767	2,960,812	34,819,447	4,160,019
Condensed buttermilk ...	252,414	8,247	387,234	21,849	379,802	12,999
Buttermilk powder .....	3,503,549	309,861	3,710,560	341,637	3,950,039	366,740
Casein .....	5,616,515	1,075,908	6,027,646	1,326,093	10,109,606 (a)	2,220,747 (a)
Sugar of milk .....	643,277	136,088	486,952	121,579	505,609	78,623
<b>Total .....</b>	<b>52,613,533</b>	<b>5,952,584</b>	<b>59,113,958</b>	<b>7,087,536</b>	<b>76,857,017</b>	<b>10,115,191</b>

## 6. AVERAGE PRICE PER POUND OF CONCENTRATED MILK PRODUCTS, 1941 - 1947.

Kind	1941	1942	1943	1944	1945	1946	1947
	cents	cents	cents	cents	cents	cents	cents
<b>Concentrated Whole Milk Products</b>							
Condensed whole milk -							
Case goods .....	10.78	11.92	12.43	12.35	12.65	13.71	16.20
Bulk goods .....	10.01	10.16	11.63	11.59	11.81	12.18	13.79
Evaporated whole milk -							
Case goods .....	6.99	7.78	7.98	7.72	7.90	8.28	9.75
Bulk goods .....	5.18	6.16	7.50	8.91	8.20	6.78	9.68
Whole milk powder -							
Spray process .....	29.50	31.39	32.46	37.02	34.90	39.52	35.96
Roller process .....	23.95	21.89	24.69	26.36	25.64	29.36	33.92
Cream powder .....	50.88	51.98	49.97	45.86	45.86	48.47	36.85
<b>Concentrated Milk By-Products</b>							
Condensed skim milk .....	6.36	7.08	6.95	7.85	7.21	8.54	9.39
Evaporated skim milk ....	3.06	3.82	3.86	3.99	4.02	3.90	4.87
Skim milk powder -							
Spray process .....	9.47	10.94	11.70	11.48	11.39	12.34	14.14
Roller process .....	7.83	9.40	10.87	10.86	10.89	11.12	11.95
Condensed buttermilk ....	2.93	3.46	3.34	3.70	3.27	5.64	3.42
Buttermilk powder .....	7.17	8.27	8.90	8.67	8.84	9.21	9.28
Casein .....	15.02	20.04	20.94	20.93	19.16	22.00	24.36
Sugar of milk .....	15.50	26.72	26.00	25.00	21.16	24.97	15.55

(a) Includes 2,241,090 lbs. of green casein valued at \$304,268. This has been eliminated in arriving at the price of casein in Table 6.



DAIRY FACTORIES

Miscellaneous Products of Dairy Factories:- Comprised in this classification are, ice cream ice cream mix, whole milk and cream sold as such, chocolate milk and sundry items. The production of ice cream in dairy factories in 1947 amounted to 14,089,393 gallons, valued at \$18,260,344 but in addition to this quantity there was a production of 5,286,924 gallons, valued at \$6,869,993 in the separately classified ice cream industry, whose statistics are given on page 44 of this report and 1,633,403 gallons, valued at \$2,198,713 in the Confectionery, Cocoa and chocolate industry (a), making a total for the three combined of 21,009,720 gallons, valued at \$27,329,050 compared with 13,779,934 gallons, valued at \$16,956,139 in 1946. The value of milk sold as such was \$73,152,304 and of the cream \$24,314,313. The sales of milk and cream are compiled mainly from the returns of the city dairies; these dairies are engaged primarily in the distribution of milk and cream, but they also manufacture butter and ice cream and, being classified as creameries, are included in the annual census of dairy factories.

In the following table are given the quantities and value of the various kinds of miscellaneous products of dairy factories in the years 1945 to 1947.

7. MISCELLANEOUS PRODUCTS OF DAIRY FACTORIES, 1945 - 1947.

Kind	1945		1946		1947	
	Quantity	Value	Quantity	Value	Quantity	Value
Whey butter .....	2,804,727	889,220	2,477,945	904,753	2,226,010	1,032,537
Ice cream (x) .....	10,008,609	12,388,485	9,106,139	11,234,332	14,089,393	18,260,344
Milk sold .....	122,963,545	50,733,117	130,804,849	60,813,505	131,355,501	73,152,304
Cream sold (lb. butter fat)	19,731,770	14,755,809	24,478,500	19,147,074	28,843,175	24,314,313
Chocolate milk sold .....	3,572,516	1,789,197	3,567,354	1,942,562	2,723,301	1,749,234
Ice cream mix .....	1,224,000	1,351,469	961,400	1,087,411	1,574,052	2,010,304
Cottage cheese .....	4,243,119	479,740	5,571,803	606,312	5,002,108	680,564
Buttermilk sold .....	-	556,899	-	611,218	-	671,863
Whey cream sold .....	-	353,936	-	370,380	-	391,106
Skim milk sold .....	-	252,706	-	364,578	-	472,616
Sundry .....	-	5,981,466	-	4,187,527	-	3,791,556
<b>Total .....</b>	<b>-</b>	<b>89,532,044</b>	<b>-</b>	<b>101,269,652</b>	<b>-</b>	<b>126,526,741</b>

(x) See also ice cream made in the ice cream industry, page 44.

TOTAL VALUE OF PRODUCTION

The value of output of the dairy factories in 1947 amounted to 352,373,109. This amount established a high record for the industry, to date. The increase over the year 1946 in the total value of production was \$82,067,603 or 30 per cent. The value of the manufactured products (butter, cheese, concentrated milk, ice cream, etc.) accounts for 72 per cent of the total value of output of the factories while the remaining 28 per cent covers the value of the milk and cream, whey cream, skim milk and buttermilk sold as such.

ESTABLISHMENTS AND PATRONS

Establishments. - The movement in favour of centralization in the industry has resulted in an almost continuous decline in the number of dairy factories, in contrast to the advance in production and the consequent rise in average value of output per plant. In 1917, the number of dairy factories in operation was 3,418, in 1927 it was 2,899 and by 1947 the number had decreased to 2,068. Meanwhile, the average value of output per plant had risen from \$27,466 in 1917 to \$170,393 in 1947. The number of factories in operation in 1947 comprised 1,143 creameries, 741 cheese factories, 153 combined butter and cheese factories and 51 condenseries.

Patrons. - The number of patrons (farmers who supply milk and cream to the dairy factories) for the year 1947 was 447,302, compared with 424,321 in 1946. These figures are based on the numbers recorded by the factories at date of July 1 in each year.

(a) Report issued by the General Manufactures Section of the Industry and Merchandising Division.

## DAIRY FACTORIES

The following table gives the number of establishments and the number of patrons, by provinces, in the years 1945 to 1947.

## 8. ESTABLISHMENTS AND PATRONS, 1945 - 1947.

Province	Creameries			Cheese Factories			Combined Factories			Total Butter and Cheese Factories		
	1945	1946	1947	1945	1946	1947	1945	1946	1947	1945	1946	1947
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island ...	18	16	15	9	9	8	2	1	1	29	26	24
Nova Scotia .....	27	26	26	-	-	-	-	-	-	27	26	26
New Brunswick .....	24	23	23	10	8	8	1	1	-	35	32	31
Quebec .....	541	543	567	315	284	197	156	147	130	1,012	974	894
Ontario .....	266	263	261	547	524	484	20	18	18	833	805	763
Manitoba .....	68	67	67	22	21	22	2	2	1	92	90	90
Saskatchewan .....	64	63	63	7	6	6	-	-	-	71	69	69
Alberta .....	88	89	89	15	15	15	3	3	2	106	107	106
British Columbia .....	34	32	32	2	1	1	-	1	1	36	34	34
Total .....	1,130	1,122	1,143	927	868	741	184	173	153	2,241	2,163	2,037

Province	Concentrated Milk Factories		
	1945	1946	1947
	No.	No.	No.
Nova Scotia .....	1	1	1
Quebec .....	3	5	5
Ontario .....	21	21	21
Alberta .....	1	1	1
British Columbia .....	3	3	3
Total .....	29	31	31

## Patrons

Province	Patrons of Creameries			Patrons of Cheese Factories		
	1945	1946	1947	1945	1946	1947
	No.	No.	No.	No.	No.	No.
Prince Edward Island .....	6,775	6,651	6,434	857	696	616
Nova Scotia .....	14,292	14,649	15,686	-	-	-
New Brunswick .....	11,588	10,799	11,396	446	330	260
Quebec .....	66,213	69,577	75,931	11,097	9,333	5,509
Ontario .....	75,698	80,247	79,457	23,933	22,413	21,342
Manitoba .....	38,051	37,003	35,804	1,705	1,481	1,414
Saskatchewan .....	67,552	65,906	94,851	354	259	254
Alberta .....	63,361	66,136	62,769	1,519	1,331	1,051
British Columbia .....	6,607	5,973	5,523	254	20	20
Total .....	350,137	356,941	387,851	40,165	35,863	30,466

Province	Patrons of Combined Factories			Patrons of all Butter and Cheese Factories		
	1945	1946	1947	1945	1946	1947
	No.	No.	No.	No.	No.	No.
Prince Edward Island .....	377	220	180	8,009	7,567	7,230
Nova Scotia .....	-	-	-	14,292	14,649	15,686
New Brunswick .....	40	30	-	12,074	11,159	11,656
Quebec .....	12,388	10,835	7,938	89,698	89,745	89,378
Ontario .....	3,543	4,084	3,879	103,174	106,744	104,678
Manitoba .....	211	257	-	39,967	38,741	37,218
Saskatchewan .....	-	-	-	67,906	66,165	95,105
Alberta .....	1,639	1,391	1,134	66,519	68,858	64,954
British Columbia .....	-	277	322	6,861	6,270	5,865
Total .....	18,198	17,094	13,453	408,500	409,898	431,770



## DAIRY FACTORIES

8. ESTABLISHMENTS AND PATRONS, 1945 - 1947.

Concluded.

Province	Patrons of Concentrated Milk Factories		
	1945	1946	1947
	No.	No.	No.
Ontario .....	8,956	8,775	9,459
Quebec .....	3,022	3,519	3,889
Nova Scotia .....	( 2,150	2,129	2,184
Alberta .....			
British Columbia .....	( 14,128	14,423	15,532
Total .....			

MILK AND CREAM DELIVERED TO DAIRY FACTORIES

Milk.- The milk delivered to all factories in 1947 amounted to 4,860,742,352 pounds, an increase from the preceding year of 32,635,486 pounds or 0.7 per cent. By percentage the total quantity is divided among the various kinds of factories as follows: to creameries 49 per cent; to cheese factories 27 per cent; to combined butter and cheese factories 5 per cent; and to concentrated milk factories 19 per cent.

Cream.- The cream delivered to the factories is measured according to its butter-fat content. In 1947 the total amount of butter-fat in the cream amounted to 224,405,280 pounds, an increase of 10,112,576 pounds from the year 1946. Of the total butter-fat content, the creameries received 96 per cent; the combined butter and cheese factories 3.6 per cent; and the concentrated milk plants 0.4 per cent.

The Milk Equivalent of the Total Deliveries of Milk and Cream.- The milk equivalent of the quantities of milk and butter-fat in cream delivered to the factories during the year 1947 was 11,272,321,752 pounds compared with 10,950,755,552 pounds in 1946. In reducing the butter-fat content of the cream to milk, the proportion of 3.5 pounds of butter-fat to 100 pounds of milk is used.

The bulk of the milk (including the equivalent in milk of the cream) is used in manufacture, but there is also a considerable quantity supplied to meet the requirements of the fresh milk and cream trade of the industry. In 1947 the manufacture of butter, cheese, concentrated milk and other manufactures absorbed 91 per cent of the total milk equivalent of the milk and cream delivered to the factories, while the equivalent of the milk and cream sold as such, accounts for the remaining 9 per cent.

In the following table are given, by provinces, the quantities of milk and cream delivered during the year 1947 with comparative statistics for 1945 and 1946.

9. DELIVERIES OF MILK AND CREAM TO DAIRY FACTORIES, 1945 - 1947.

Province	Deliveries of Milk to Creameries			Deliveries of Milk to Cheese Factories		
	1945	1946	1947	1945	1946	1947
	lb.	lb.	lb.	lb.	lb.	lb.
Prince Edward Island	2,053,722	1,883,926	1,851,679	10,310,976	7,190,116	6,319,153
Nova Scotia .....	46,405,269	42,494,452	41,928,457	-	-	-
New Brunswick .....	25,133,298	24,324,533	22,236,789	11,879,552	10,286,853	8,125,078
Quebec .....	599,845,341	621,912,718	838,911,136	376,429,733	296,168,340	151,948,161
Ontario .....	745,135,467	792,690,715	827,733,026	1,288,859,144	1,122,778,642	1,046,513,277
Manitoba .....	108,954,321	122,685,529	117,585,388	51,358,578	41,590,597	49,384,091
Saskatchewan .....	81,389,999	92,725,396	98,661,534	4,117,630	3,920,949	3,296,929
Alberta .....	89,499,912	99,509,543	103,529,496	42,163,587	37,692,384	33,446,029
British Columbia .....	289,465,876	330,551,015	315,258,554	6,716,218	653,800	560,455
Total .....	1,987,883,205	2,128,777,827	2,367,696,059	1,791,835,418	1,520,281,681	1,299,593,173

DAIRY FACTORIES

9. DELIVERIES OF MILK AND CREAM TO DAIRY FACTORIES, 1945 - 1947 - continued

Province	Deliveries of Milk to Combined Factories			Deliveries of Milk to all Butter and Cheese Factories		
	1 9 4 5	1 9 4 6	1 9 4 7	1 9 4 5	1 9 4 6	1 9 4 7
	lb.	lb.	lb.	lb.	lb.	lb.
Prince Edward Island ..	3,395,337	3,052,082	2,879,465	15,760,035	12,126,124	11,050,297
Nova Scotia .....	-	-	-	46,405,269	42,494,452	41,928,457
New Brunswick .....	1,354,675	548,388	-	38,367,525	35,159,774	30,361,867
Quebec .....	327,086,689	222,402,575	206,796,088	1,303,361,763	1,140,483,633	1,197,655,385
Ontario .....	79,137,007	64,544,558	57,228,846	2,113,131,618	1,980,013,915	1,931,475,149
Manitoba .....	5,306,186	6,228,995	577,653	165,619,085	170,505,121	167,547,132
Saskatchewan .....	-	-	-	85,507,629	96,646,345	101,958,463
Alberta .....	6,693,651	5,018,862	4,402,081	138,357,150	142,220,789	141,377,606
British Columbia .....	-	5,519,742	5,974,408	296,182,094	336,724,557	321,793,417
<b>Total .....</b>	<b>422,973,545</b>	<b>307,315,202</b>	<b>277,858,541</b>	<b>4,202,692,168</b>	<b>3,956,374,710</b>	<b>3,945,147,773</b>

Province	Deliveries of Milk to Concentrated Milk Factories		
	1 9 4 5	1 9 4 6	1 9 4 7
	lb.	lb.	lb.
Ontario .....	571,975,131	580,346,176	617,543,428
Quebec .....	161,459,007	192,451,520	202,234,069
Nova Scotia .....	-	-	-
Alberta .....	109,201,691	98,934,460	95,817,082
British Columbia .....	-	-	-
<b>Total .....</b>	<b>842,635,829</b>	<b>871,732,156</b>	<b>915,594,579</b>

Province	Deliveries of Cream to Creameries			Deliveries of Cream to Combined Factories		
	1 9 4 5	1 9 4 6	1 9 4 7	1 9 4 5	1 9 4 6	1 9 4 7
	lb. of butter-fat	lb. of butter-fat	lb. of butter-fat	lb. of butter-fat	lb. of butter-fat	lb. of butter-fat
Prince Edward Island ..	3,374,516	3,092,703	2,915,564	182,029	104,031	94,960
Nova Scotia .....	6,675,328	6,117,499	5,956,559	-	-	-
New Brunswick .....	6,314,903	5,926,326	6,106,292	18,602	30,042	-
Quebec .....	54,400,252	52,899,213	58,154,842	5,610,611	6,045,364	3,960,362
Ontario .....	60,044,234	53,096,104	58,477,906	2,829,065	3,059,128	3,437,674
Manitoba .....	23,731,736	22,906,248	23,272,956	113,077	98,389	50,329
Saskatchewan .....	34,557,827	31,460,520	31,173,735	-	-	-
Alberta .....	28,823,456	25,875,600	27,391,630	541,252	573,998	436,161
British Columbia .....	2,575,264	2,111,506	2,203,673	-	857	9,909
<b>Total .....</b>	<b>220,497,516</b>	<b>203,485,719</b>	<b>215,653,167</b>	<b>9,294,636</b>	<b>9,911,809</b>	<b>7,989,395</b>

Province	Deliveries of Cream of All Butter and Cheese Factories		
	1 9 4 5	1 9 4 6	1 9 4 7
	lb. of butter-fat	lb. of butterfat	lb. of butter-fat
Prince Edward Island .....	3,556,545	3,196,734	3,010,524
Nova Scotia .....	6,675,328	6,117,499	5,956,559
New Brunswick .....	6,333,505	5,956,368	6,106,292
Quebec .....	60,010,863	58,944,577	62,115,204
Ontario .....	62,873,299	56,155,232	61,915,580
Manitoba .....	23,844,813	23,004,637	23,323,295
Saskatchewan .....	34,557,827	31,460,520	31,173,735
Alberta .....	29,364,708	26,449,598	27,827,791
British Columbia .....	2,575,264	2,112,363	2,213,582
<b>Total .....</b>	<b>229,792,152</b>	<b>213,397,528</b>	<b>223,642,562</b>



## DAIRY FACTORIES

## 9. DELIVERIES OF MILK AND CREAM TO DAIRY FACTORIES, 1945 - 1947. - concluded.

Province	Deliveries of Cream to Concentrated Milk Factories		
	1945	1946	1947
	lb. of butter-fat	lb. of butter-fat	lb. of butter-fat
Ontario .....	675,368	838,164	728,506
Quebec .....	-	14,150	5,584
Nova Scotia .....	(		
Alberta .....	( 66,992	42,862	28,628
British Columbia .....	(		
Total .....	742,360	895,176	762,718

## AMOUNT PAID TO PATRONS

For the milk and cream delivered to the dairy factories during the year 1947, the patrons received the sum of \$251,891,811, an increase over the preceding year of \$64,222,824. The amount is divided by factory groups as follows: to patrons of creameries \$191,056,945 or 76 per cent; to patrons of cheese factories \$26,340,018 or 11 per cent; to patrons of combined butter and cheese factories \$10,415,767 or 4 per cent; and to patrons of concentrated milk plants \$24,079,081 or 9 per cent. The average price paid by the factories for the milk in 1947 was \$2.63 per 100 pounds and for the cream 55 cents per pound butter-fat content. In 1946 the average price paid for the milk was \$2.63 per 100 pounds and for the butter-fat 41 cents per pound.

The following table gives the total amounts paid to the patrons in the different factory groups, while in Table 4, page 32, the amounts paid for the milk and for the cream are shown separately.

## 10. AMOUNTS PAID TO PATRONS OF DAIRY FACTORIES, 1945 - 1947.

Province	Paid to Patrons of Creameries			Paid to Patrons of Cheese Factories		
	1945	1946	1947	1945	1946	1947
	\$	\$	\$	\$	\$	\$
Prince Edward Island ...	1,342,946	1,368,399	1,776,495	178,580	135,679	144,989
Nova Scotia .....	4,067,227	3,910,519	4,915,299	-	-	-
New Brunswick .....	3,076,818	3,211,224	4,352,665	216,235	192,997	190,820
Quebec .....	32,251,972	36,058,655	56,881,023	6,134,237	4,853,110	3,206,914
Ontario .....	39,158,407	41,655,072	57,658,931	19,901,085	17,860,257	20,780,527
Manitoba .....	10,516,773	11,789,969	15,904,863	941,408	851,023	1,187,971
Saskatchewan .....	13,448,785	14,196,800	19,066,377	68,140	66,289	72,741
Alberta .....	11,610,465	12,366,867	17,890,116	713,685	655,116	744,749
British Columbia .....	8,772,607	10,402,915	12,611,176	131,499	10,484	11,507
Total .....	124,246,000	134,960,420	191,056,945	28,284,869	24,624,955	26,340,018
Province	Paid to Patrons of Combined Factories			Paid to Patrons of All Butter and Cheese Factories		
	1945	1946	1947	1945	1946	1947
	\$	\$	\$	\$	\$	\$
Prince Edward Island ...	139,390	113,038	146,608	1,660,916	1,617,116	2,068,092
Nova Scotia .....	-	-	-	4,067,227	3,910,519	4,915,299
New Brunswick .....	32,783	23,360	-	3,325,836	3,427,581	4,543,485
Quebec .....	7,337,561	6,099,146	6,680,877	45,723,770	47,010,911	66,768,814
Ontario .....	2,266,874	2,275,456	3,027,637	61,326,366	61,790,785	81,467,095
Manitoba .....	151,332	161,140	47,199	11,609,513	12,802,132	17,140,033
Saskatchewan .....	-	-	-	13,516,925	14,263,089	19,139,118
Alberta .....	307,462	322,486	345,342	12,631,612	13,344,469	18,980,207
British Columbia .....	-	108,624	168,104	8,904,106	10,522,023	12,790,587
Total .....	10,235,402	9,103,250	10,415,767	162,766,271	168,688,625	227,812,730

DAIRY FACTORIES

10. AMOUNTS PAID TO PATRONS OF DAIRY FACTORIES, 1945 - 1947. - concluded.

Province	Paid to Patrons of Concentrated Milk Factories		
	1 9 4 5	1 9 4 6	1 9 4 7
	\$	\$	\$
Ontario .....	11,827,054	12,365,300	15,809,889
Quebec .....	3,470,305	4,190,570	5,389,773
Nova Scotia .....	(		
Alberta .....	( 2,530,222	2,424,492	2,879,419
British Columbia .....			
Total .....	17,827,581	18,980,362	24,079,081

Employees. - The total number of employees recorded in the dairy industry in 1947 was 22,326 and the amount paid in salaries and wages was \$35,062,174. The classification of "Salaried employees" comprises managers, superintendents, professional and clerical employees, salesmen, head makers, secretaries and the proprietor if he occupies himself in the establishment. The number of employees in this group in 1947 was 6,102 and the amount paid in salaries was \$9,067,791. The wage-earner classification comprises assistants, deliverers, journeymen and ordinary labourers. The total number of wage-earners for the year 1947 was 16,224 with wages \$25,994,383. Statistics of the two classifications by provinces, together with a record of the number of wage-earners by months, will be found in Table 2, page 30.

The following table contains the total number of employees and the total amount paid in salaries and wages, by provinces, for each of the years, 1945 to 1947.

11. EMPLOYEES AND SALARIES AND WAGES, 1945 - 1947.

Butter and Cheese Factories

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	Em- ployees	Salaries and Wages	Em- ployees	Salaries and Wages	Em- ployees	Salaries and Wages
	No.	\$	No.	\$	No.	\$
Prince Edward Island ....	145	148,269	146	160,534	156	189,781
Nova Scotia .....	556	710,650	540	767,041	572	884,990
New Brunswick .....	388	491,609	390	493,114	429	585,608
Quebec .....	4,446	5,222,713	4,224	5,277,863	4,714	6,427,061
Ontario .....	8,220	12,079,364	8,381	12,763,218	8,743	14,329,556
Manitoba .....	1,543	2,301,275	1,545	2,506,876	1,612	2,690,311
Saskatchewan .....	1,471	1,883,670	1,464	2,006,632	1,485	2,241,745
Alberta .....	1,469	2,017,574	1,525	2,169,841	1,577	2,421,091
British Columbia .....	1,197	2,009,330	1,444	2,523,122	1,469	2,635,602
Total .....	19,435	26,864,454	19,659	28,668,241	20,757	32,405,745



DAIRY FACTORIESII. EMPLOYEES AND SALARIES AND WAGES, 1945 - 1947. - concluded.

## Concentrated Milk Factories

Province	1945		1946		1947	
	Em- ployees	Salaries and Wages	Em- ployees	Salaries and Wages	Em- ployees	Salaries and Wages
	No.	\$	No.	\$	No.	\$
Ontario .....	995	1,537,890	1,005	1,621,763	1,100	1,878,899
Quebec .....	295	410,877	300	420,240	302	523,889
Nova Scotia .....	168	250,241	161	245,441	167	253,641
Alberta .....						
British Columbia ...						
Total .....	1,458	2,199,008	1,466	2,287,444	1,569	2,656,429

Form of Organization. - Dairy factories operated by individuals and partnerships contain the largest group in this classification with a total of 934 plants. The co-operative plant as applied to the dairy factories has gained steadily and the number of plants operated under this form of organization has advanced to 731 plants. Quebec leads the provinces with respect to co-operatives, with a total of 424 plants, while Ontario is second with 131 plants. The remaining group in the classification by form of organization is operated by incorporated companies and this group shows a total of 403 plants. Tableau VIII, page 43.

Review of the Industry. - The following table gives a summary of the principal statistics of the dairy factory industry in the year 1917, (the institution of the publication of annual statistics of the industry) to 1947.

DAIRY FACTORIES

12. PRINCIPAL STATISTICS OF THE DAIRY FACTORY INDUSTRY, CANADA, FOR THE YEARS 1917 TO 1947.

Year	Number of Factories	Capital	Em- ployees	Salaries and Wages	Patrons	Amount Paid to Patrons	Value of Production
		\$	No.	\$	No.	\$	\$
1917	3,418	19,628,001	10,346	5,447,346	248,683	73,863,845	93,879,326
1918	3,373	23,131,620	10,155	6,221,457	252,416	83,637,391	107,340,850
1919	3,282	28,388,026	10,716	7,629,997	275,060	107,412,542	135,196,602
1920	3,161	33,345,305	11,072	8,968,089	276,693	113,550,718	146,336,491
1921	3,114	35,257,831	11,155	9,211,093	312,369	81,422,226	111,924,017
1922	3,095	36,824,319	11,156	9,351,329	313,792	76,477,009	104,972,046
1923	3,007	39,120,207	10,160	9,935,414	347,854	89,141,332	120,120,390
1924	2,933	41,585,586	10,818	10,857,300	319,489	86,804,735	122,027,181
1925	3,012	44,307,558	11,334	11,518,198	317,762	101,862,487	138,282,226
1926	3,047	47,091,589	12,069	12,398,490	330,382	95,349,253	133,353,076
1927	2,899	50,805,132	11,960	12,181,080	310,822	97,157,214	135,910,930
1928	2,833	53,552,319	12,257	12,809,102	286,334	103,871,580	144,373,614
1929	2,797	57,098,215	12,746	13,826,891	291,156	98,697,129	141,389,997
1930	2,724	58,588,836	12,830	14,138,308	295,148	84,316,659	126,623,532
1931	2,702	59,962,028	12,744	13,242,910	324,652	65,123,884	104,482,400
1932	2,734	57,394,575	12,653	12,188,314	315,494	51,755,921	86,105,802
1933	2,716	62,687,651	13,814	13,292,075	334,349	54,237,558	87,218,311
1934	2,653	66,297,796	15,039	13,885,756	342,175	63,692,616	100,214,532
1935	2,610	63,204,699	15,493	14,709,373	357,717	70,279,177	108,031,155
1936	2,595	65,065,535	16,260	15,577,826	376,158	81,430,788	121,220,193
1937	2,592	65,479,625	17,385	16,592,911	385,146	92,924,842	136,182,878
1938	2,552	68,410,385	18,171	17,451,566	395,719	96,234,311	140,849,356
1939	2,551	68,491,248	18,302	17,556,727	393,653	89,265,218	135,812,795
1940	2,509	70,620,847	18,934	18,644,425	401,886	100,034,908	151,509,541
1941	2,452	75,819,909	19,999	21,094,542	412,388	140,868,275	201,661,441
1942	2,404	76,940,167	20,666	23,803,237	409,351	167,693,655	236,098,998
1943	2,340	79,371,725	20,473	25,586,837	423,086	174,212,541	243,843,220
1944	2,308	-	19,931	27,367,049	422,210	176,699,302	248,806,528
1945	2,270	-	20,893	29,063,462	422,628	180,593,852	258,984,544
1946	2,194	-	21,125	30,955,685	424,321	187,668,987	270,305,506
1947	2,068	-	22,326	35,062,174	447,302	251,891,811	352,373,109

TABLE FOR THE CONVERSION OF WEIGHTS OF MILK AND CREAM (Approximate)

- 3.5 pounds of butter fat in 100 pounds of milk.
- 14 pounds of cream in 100 pounds of milk.
- 1 gallon of milk weighs 10.3 pounds.
- 25 pounds of butter fat in 100 pounds of cream.
- 1 gallon of cream weighs 10 pounds.
- 1 pound of butter fat in 1.2 pounds of butter.

Production per 100 Pounds of Milk	pounds
Cheese	8.93
Butter	4.27
Condensed milk (sweetened)	43.86
Evaporated milk (unsweetened)	45.05
Milk powder	13.48
Cream powder	4.77

15.71 pounds of milk produce 1 gallon of ice cream.

INDUSTRIE LAITIEREGENERAL TABLES

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TABLEAUX D'ENSEMBLE



## DAIRY FACTORIES

## 1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947

## 1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947

(1) Butter and Cheese Factories <sup>1/</sup> - Beurreries et fromageries <sup>1/</sup>

No.	Province and County or District	Establishments	Total of Employees and of Salaries and Wages		Paid to Patrons	Fuel used
	Province et comté ou district	Etablissements	Total du personnel, des salaires et des gages		Sommes versées aux patrons	Combustible consommé
		No. nomb.	No. nomb.	\$	\$	\$
1.	CANADA .....	2,037	20,757	32,405,745	227,812,730	3,893,929
2.	Prince Edward Island - Ile du Prince-Edouard .....	24	156	189,781	2,068,092	27,706
3.	Kings .....	4	10	5,954	103,809	1,795
4.	Prince .....	11	44	49,701	633,980	6,785
5.	Queens .....	9	102	134,126	1,330,303	19,126
6.	Nova Scotia -- Nouvelle-Ecosse ..	26	572	884,990	4,915,299	94,606
7.	Annapolis .....	1	16	21,372	302,348	8,070
8.	Antigonish .....	1	12	18,781	131,400	2,815
9.	Cape Breton .....	1	20	38,889	41,426	3,705
10.	Colchester .....	3	78	133,737	744,084	7,890
11.	Cumberland .....	4	43	56,118	471,859	6,321
12.	Digby .....	1	4	2,700	24,730	1,099
13.	Halifax .....	2	158	285,370	1,058,424	23,765
14.	Hants .....	2	24	32,419	311,223	5,603
15.	Inverness .....	2	7	7,760	48,094	864
16.	Kings .....	3	65	89,268	654,482	16,544
17.	Lunenburg .....	1	15	19,293	127,874	3,200
18.	Pictou .....	2	44	61,546	458,625	4,734
19.	Victoria .....	1	3	1,907	13,952	410
20.	Yarmouth .....	2	83	115,830	526,778	9,586
21.	New Brunswick - Nouveau-Brunswick	31	429	585,608	4,543,485	81,852
22.	Albert .....	2	5	3,111	53,887	748
23.	Gloucester .....	1	15	15,557	73,700	1,400
24.	Kings .....	7	37	69,616	966,048	10,006
25.	Madawaska .....	3	13	12,771	189,927	2,509
26.	Northumberland .....	1	11	13,941	112,097	857
27.	Queens .....	1	8	9,534	166,226	1,953
28.	Restigouche .....	5	26	35,602	181,406	5,296
29.	Saint John .....	1	78	132,930	417,478	12,776
30.	Victoria .....	1	3	2,849	104,733	1,589
31.	Westmorland .....	5	31	39,835	466,456	4,184
32.	Carleton .....	4	182	249,862	1,811,527	40,534
	York .....					
33.	Quebec - Québec .....	894	4,714	6,427,061	66,768,814	1,137,312
34.	Abitibi .....	14	48	54,147	721,455	7,037
35.	Argenteuil .....	3	37	48,836	405,542	12,953
36.	Arthabaska .....	33	101	112,256	1,628,501	21,036
37.	Bagot .....	15	45	44,719	1,055,470	11,846
38.	Beauce .....	33	82	70,791	1,692,471	20,804
39.	Beauharnois .....	5	19	28,450	250,971	9,638
40.	Bellechasse .....	20	62	53,118	1,085,759	15,977
41.	Berthier .....	12	54	53,987	861,577	9,369
42.	Bonaventure .....	13	26	13,786	238,202	3,596
43.	Brome .....	5	46	65,053	1,007,928	25,557

1/ Comprising creameries, cheese factories and combined butter and cheese factories.

1/ Y compris crémèries, fromageries et beurreries-fromageries.

## FABRIQUES LAITIÈRES

1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947

1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947

(1) Butter and cheese factories <sup>1/</sup> - Beurreries et fromageries <sup>1/</sup>

Electricity used — Électricité consommée	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Value of Products — Valeur des produits					No.
			Butter — Beurre	Cheese — Fromage	Ice cream — Crème glacée	Other — Autres	Total	
			⋄	⋄	⋄	⋄	⋄	
1,141,220	5,499,374	5,355,485	152,217,358	31,897,631	17,885,243	107,727,526	309,727,758	1.
7,108	30,586	31,752	2,003,373	202,558	151,962	193,707	2,551,600	2.
-	1,126	2,261	104,431	24,054	-	-	128,485	3.
1,464	4,950	9,894	610,831	81,134	-	81,672	773,637	4.
5,644	24,510	19,597	1,288,111	97,370	151,962	112,035	1,649,478	5.
38,109	175,771	92,022	3,752,971	-	1,268,889	2,556,715	7,578,575	6.
590	1,089	3,200	352,941	-	-	21,194	374,135	7.
300	75	900	60,000	-	-	120,750	180,750	8.
3,386	6,250	10,000	13,693	-	102,825	-	116,518	9.
6,026	2,343	5,400	616,632	-	320,639	267,496	1,204,767	10.
3,287	820	2,805	419,762	-	69,791	181,577	671,130	11.
153	500	250	26,827	-	6,197	-	33,024	12.
10,489	85,149	31,807	88,510	-	395,193	1,296,788	1,780,491	13.
780	254	1,781	325,348	-	-	88,467	413,815	14.
348	98	647	56,736	-	-	10,992	67,728	15.
2,383	13,148	5,390	667,445	-	-	335,232	1,002,677	16.
1,306	8,120	1,709	134,315	-	53,000	478	187,793	17.
4,466	8,043	8,738	462,201	-	112,512	44,384	619,097	18.
-	394	187	17,696	-	-	-	17,696	19.
4,595	49,488	19,208	510,865	-	208,732	189,357	908,954	20.
31,691	164,241	90,355	3,756,903	205,659	854,463	1,565,264	6,382,289	21.
123	961	576	43,310	22,455	-	6,925	72,690	22.
1,594	3,293	1,200	76,727	-	38,748	-	115,475	23.
5,219	26,717	19,424	958,091	94,914	133,577	129,070	1,315,652	24.
1,292	3,258	3,559	213,622	-	6,933	-	220,555	25.
310	100	1,829	122,228	-	-	29,687	151,915	26.
477	571	916	186,055	-	-	4,449	190,504	27.
2,677	20,225	5,855	145,187	-	81,337	66,899	293,423	28.
5,270	55,854	19,449	54,268	-	225,543	457,870	737,681	29.
344	697	1,700	115,792	-	-	-	115,792	30.
800	2,694	7,395	418,673	88,290	6,354	14,854	528,171	31.
13,585	49,871	28,452	1,422,950	-	361,971	855,510	2,640,431	32.
272,987	970,099	1,369,194	51,319,164	6,631,595	2,475,024	22,505,363	82,931,146	33.
2,856	6,471	13,532	686,751	17,183	18,944	190,486	913,364	34.
2,405	3,987	1,301	402,801	23,069	-	115,748	541,618	35.
4,904	22,502	29,557	1,172,216	596,518	-	131,881	1,900,615	36.
1,885	11,095	11,376	1,119,765	22,262	-	84,973	1,227,000	37.
3,375	12,040	32,484	1,720,422	144,644	-	30,670	1,895,736	38.
2,091	5,701	3,302	267,576	-	46,321	206	314,103	39.
2,385	13,267	25,668	998,836	189,998	-	74,338	1,263,172	40.
2,881	14,499	15,036	906,001	-	64,800	18,939	989,740	41.
378	2,269	3,583	248,963	24,842	-	-	273,805	42.
6,477	9,800	38,399	897,954	72,607	-	264,180	1,234,741	43.



## DAIRY FACTORIES

1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - con.

1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - suite.

(1) Butter and Cheese Factories 1/ - Beurreries et fromageries

No.	Province and County or District	Establishments	Total of Employees and of Salaries and Wages		Paid to Patrons	Fuel used
	Province et comté ou district	Etablissements	Total du personnel des salaires et des gages		Sommes versées aux patrons	Combustible consommé
		No. nomb.	No. nomb.	\$	\$	\$
	Quebec - Québec - continued - suite					
1.	Champlain .....	16	41	38,561	622,768	13,964
2.	Charlevoix .....	11	19	14,568	175,788	3,634
3.	Châteauguay .....	5	28	34,991	605,597	9,550
4.	Chicoutimi .....	31	67	61,806	542,706	8,690
5.	Compton .....	13	35	36,060	685,626	13,050
6.	Deux-Montagnes .....	10	70	65,635	672,354	14,511
7.	Dorchester .....	22	66	61,734	1,941,922	11,870
8.	Drummond .....	16	99	128,352	1,703,444	42,734
9.	Frontenac .....	19	48	45,506	1,294,011	9,081
10.	Gaspé .....	4	10	4,494	57,154	926
11.	Gatineau - Hull .....	8	28	31,136	566,647	3,110
12.	Huntingdon .....	5	25	29,418	557,159	9,212
13.	Iberville .....	3	45	60,748	598,669	26,895
14.	Joliette .....	13	44	37,264	1,008,847	6,001
15.	Kamouraska .....	17	49	37,435	986,330	8,746
16.	Labelle .....	9	29	30,469	706,300	4,469
17.	Lac St-Jean .....	33	75	76,134	962,463	16,133
18.	Laprairie .....	2	12	12,662	289,180	3,295
19.	L'Assomption .....	7	31	28,698	693,346	7,635
20.	Lavolette .....	6	33	39,041	253,052	5,410
21.	Lévis .....	2	9	9,658	303,054	1,533
22.	L'Islet .....	14	34	25,333	553,330	5,297
23.	Lotbinière .....	23	93	93,867	2,035,461	41,002
24.	Maskinongé .....	12	32	31,056	737,986	4,328
25.	Matane .....	9	34	37,650	660,413	16,786
26.	Matapédia .....	14	37	28,529	668,992	5,962
27.	Mégantic .....	20	77	91,158	1,543,390	21,112
28.	Missisquoi .....	5	38	54,853	738,522	16,627
29.	Montcalm .....	7	21	20,382	584,216	3,419
30.	Montmagny .....	13	25	22,762	542,386	2,971
31.	Montmorency .....	7	14	11,775	272,556	1,839
32.	Montréal .....	7	1,153	2,424,511	6,321,055	157,733
33.	Napierville .....	3	19	25,722	413,009	7,981
34.	Nicolet .....	36	125	135,386	2,339,166	28,271
35.	Papineau .....	16	71	76,463	1,599,032	11,951
36.	Pontiac .....	4	34	54,300	796,278	7,200
37.	Portneuf .....	18	55	48,659	778,411	14,152
38.	Québec .....	3	237	344,183	1,536,474	24,744
39.	Richelieu .....	9	50	54,721	806,871	19,785
40.	Richmond .....	10	76	92,012	1,153,750	32,723
41.	Rimouski .....	22	52	39,914	788,962	6,335
42.	Rivière-du-Loup .....	20	48	39,271	1,222,626	9,336
43.	Roberval .....	40	91	89,351	1,301,510	22,887
44.	Rouville .....	12	54	66,773	790,923	26,411
45.	Saguenay .....	3	6	4,470	68,529	1,110
46.	Shefford .....	18	167	263,482	3,172,927	78,980
47.	Sherbrooke .....	5	71	113,955	538,848	13,511
48.	Soulanges .....	6	22	23,470	452,371	6,385
49.	Stanstead .....	10	66	74,706	1,139,848	12,172
50.	St-Hyacinthe .....	13	65	74,518	1,242,685	27,691
51.	St-Jean .....	3	32	51,049	588,684	10,315
52.	St-Maurice .....	13	134	164,531	1,491,381	21,211

## FABRIQUES LAITIÈRES

1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - con.

1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - suite.

(1) Butter and Cheese Factories - Beurreries et fromageries

Electricity used --- Électricité consommée	Supplies used --- Fournitures utilisées	Containers used --- Récipients utilisés	Value of Products --- Valeur des Produits					No.
			Butter --- Beurre	Cheese --- Fromage	Ice Cream --- Crème glacée	Other --- Autres	Total	
			---	---	---	---	---	
2,479	7,797	12,593	635,893	58,745	-	71,649	766,287	1.
635	2,733	5,557	130,992	54,874	4,437	19,704	210,007	2.
2,449	5,189	3,182	283,677	31,464	-	293,410	608,551	3.
2,007	12,340	8,408	160,271	341,785	-	182,496	684,552	4.
3,135	6,740	14,286	740,009	-	-	39,841	779,850	5.
2,014	29,139	16,830	402,221	258,513	-	174,658	835,392	6.
3,590	12,740	31,414	2,002,964	38,809	-	104,686	2,146,459	7.
8,360	16,376	32,865	1,495,315	86,456	47,698	478,265	2,107,734	8.
2,307	9,198	20,929	1,331,628	74,583	-	7,631	1,413,842	9.
44	1,281	568	66,247	-	-	-	66,247	10.
1,683	4,362	10,683	595,651	39,939	-	538	636,128	11.
2,219	3,202	8,526	439,204	-	-	189,080	628,284	12.
6,051	4,897	11,422	145,322	3,628	-	544,836	693,786	13.
2,475	11,543	17,113	1,099,334	-	12,855	2,098	1,114,287	14.
1,491	7,868	12,187	1,046,935	19,612	-	24,496	1,091,043	15.
1,029	3,527	15,388	761,929	8,517	-	-	770,446	16.
3,669	18,620	22,292	313,755	733,794	-	89,497	1,137,046	17.
860	1,409	1,430	315,596	-	-	-	315,596	18.
1,519	4,572	6,098	630,444	4,560	-	133,916	768,920	19.
1,704	15,000	5,866	253,722	5,792	36,770	40,209	336,493	20.
180	1,926	5,479	324,888	-	-	355	325,243	21.
1,082	5,651	8,456	598,084	34,818	-	132	633,034	22.
6,611	16,974	48,768	2,128,855	63,454	-	418,408	2,610,717	23.
1,768	3,900	9,209	761,472	47,482	-	16,586	825,540	24.
2,088	13,891	10,175	623,421	9,503	-	122,031	754,955	25.
1,100	5,916	12,496	673,232	52,762	-	11,013	737,007	26.
3,680	8,390	19,121	1,431,147	59,396	-	321,280	1,811,823	27.
4,620	21,114	11,223	546,731	-	37,829	338,985	923,545	28.
1,183	3,650	8,233	641,303	-	-	3,239	644,542	29.
927	3,979	8,870	543,319	54,218	-	-	597,537	30.
580	1,737	3,084	305,117	-	-	1,465	306,582	31.
53,995	114,105	128,194	307,716	38,325	1,233,451	9,285,183	10,864,675	32.
2,110	6,799	5,031	433,231	-	-	145,698	578,929	33.
6,648	35,267	50,288	1,767,940	761,763	-	137,550	2,667,253	34.
2,353	12,689	21,530	1,636,489	128,516	-	7,582	1,772,587	35.
2,380	4,137	16,781	885,578	20,172	-	85,726	991,476	36.
1,717	12,644	11,943	835,216	63,315	-	33,391	931,922	37.
17,203	74,893	18,479	439,703	-	291,874	1,587,324	2,318,901	38.
4,003	7,520	9,795	689,647	69,587	-	412,517	1,171,751	39.
7,146	6,621	39,684	737,398	48,778	-	590,839	1,377,015	40.
1,593	8,544	12,387	569,560	194,634	-	123,930	888,124	41.
1,586	11,560	22,441	1,324,311	-	-	4,163	1,328,474	42.
3,099	19,775	31,377	785,592	714,542	-	58,133	1,558,267	43.
3,849	7,308	15,661	462,694	212,803	-	274,348	949,845	44.
105	675	1,175	65,151	13,005	-	392	78,548	45.
17,168	84,028	164,914	2,238,985	-	199,873	1,716,549	4,155,407	46.
6,335	42,605	37,714	326,460	-	230,618	268,544	825,622	47.
1,398	4,664	8,063	458,085	40,117	-	23,265	521,467	48.
3,718	6,726	21,947	998,104	41,486	15,375	282,637	1,337,602	49.
5,042	12,820	21,427	1,086,480	162,775	4,988	152,145	1,406,388	50.
2,565	11,857	6,245	346,667	-	-	369,698	716,365	51.
7,146	54,703	46,689	860,662	18,748	213,933	875,715	1,969,058	52.



## DAIRY FACTORIES

## 1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - con.

## 1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - suite.

## (1) Butter and Cheese Factories - Beurreries et fromageries

No.	Province and County or District	Establishments	Total of Employees and of Salaries and of Wages		Paid to Patrons	Fuel used
	Province et comté ou district	Etablissements	Total du personnel des salaires et des gages		Sommes versées aux patrons	Combustible consommé
		No. nomb.	No. nomb.	\$	\$	\$
	Quebec - Québec - concluded - fin					
1.	Témiscamingue .....	12	36	38,144	879,104	8,187
2.	Témiscouata .....	10	24	17,763	365,486	2,802
3.	Terrebonne .....	10	22	23,675	396,106	11,496
4.	Vaudreuil .....	8	21	21,281	472,439	3,818
5.	Chambly ..... <sup>1)</sup>	8	60	72,063	913,508	35,877
	Verchères ..... <sup>7)</sup>					
6.	Wolfe .....	23	44	41,272	942,832	9,284
7.	Yamaska .....	21	91	104,538	1,744,454	47,359
8.	Ontario .....	763	8,743	14,329,556	81,467,095	1,661,826
9.	Algoma .....	6	66	104,894	786,399	14,516
10.	Brant .....	5	88	170,099	605,713	12,583
11.	Bruce .....	14	189	248,883	2,717,837	36,561
12.	Carleton .....	39	978	1,711,442	5,354,765	171,823
13.	Cochrane .....	8	27	20,897	215,256	5,579
14.	Dufferin .....	4	57	78,499	738,671	8,403
15.	Dundas .....	24	48	57,552	1,101,855	15,154
16.	Durham .....	4	25	34,989	442,519	6,730
17.	Elgin .....	9	105	144,780	832,056	16,880
18.	Essex .....	8	536	1,130,763	2,431,371	80,447
19.	Frontenac .....	31	166	237,639	1,592,898	27,028
20.	Glenarry .....	47	130	111,770	1,798,995	29,577
21.	Grenville .....	14	52	50,515	530,240	9,991
22.	Grey .....	15	151	173,562	2,378,983	21,073
23.	Haldimand .....	5	118	183,048	1,826,141	45,620
24.	Halton .....	3	22	37,901	349,541	3,195
25.	Hastings .....	59	269	242,640	3,156,682	55,442
26.	Huron .....	15	121	156,081	2,179,987	39,152
27.	Kenora - Rainy River .....	6	32	41,046	253,602	11,144
28.	Kent .....	9	162	268,255	1,419,581	28,679
29.	Lambton .....	10	181	294,541	1,619,852	37,936
30.	Lanark .....	26	150	183,127	1,714,360	57,308
31.	Leeds .....	39	120	118,155	1,436,631	27,255
32.	Lennox and Addington .....	20	87	89,531	1,401,269	21,520
33.	Lincoln .....	3	101	194,031	471,357	12,160
34.	Middlesex .....	18	327	478,416	3,578,882	73,772
35.	Nipissing .....	8	79	108,188	801,432	18,951
36.	Norfolk .....	2	30	45,472	535,846	20,527
37.	Northumberland .....	21	112	112,164	1,748,466	23,259
38.	Ontario .....	5	34	39,930	418,457	9,436
39.	Oxford .....	24	143	190,317	2,693,169	47,440
40.	Parry Sound .....	2	33	33,983	215,116	5,343
41.	Peel .....	5	41	57,963	449,218	10,930
42.	Perth .....	23	191	284,515	3,306,842	46,293
43.	Peterborough .....	14	84	120,119	837,502	14,878
44.	Prescott .....	56	111	80,615	1,761,647	27,520
45.	Prince Edward .....	13	53	48,459	817,451	14,706
46.	Renfrew .....	14	134	181,208	1,817,579	36,600
47.	Russell .....	39	76	60,082	1,304,319	19,736
48.	Simcoe .....	13	142	205,439	1,851,790	34,871
50.	Stormont .....	25	186	237,161	2,227,040	38,001



## FABRIQUES LAITIÈRES

1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - con.

1. RÉSUMÉ DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - suite.

(1) Butter and Cheese Factories - Beurreries et fromageries

Electricity used --- Électricité consommée	Supplies used --- Fournitures utilisées	Containers used --- Récipients utilisés	Value of Products --- Valeur des produits					No.
			Butter --- Beurre	Cheese --- Fromage	Ice cream --- Crème glacée	Other --- Autres	Total	
327	6,115	10,013	970,128	-	-	2,420	972,548	1.
592	4,418	5,747	385,350	25,447	-	80	410,877	2.
2,999	8,141	4,844	385,136	40,258	15,258	14,660	455,312	3.
1,324	3,730	6,680	438,332	82,184	-	128	520,644	4.
5,280	13,294	22,601	566,237	56,876	-	609,504	1,232,617	5.
1,242	9,237	18,331	741,086	301,092	-	3,911	1,046,089	6.
6,888	17,932	32,224	727,263	423,345	-	897,406	2,049,014	7.
375,906	2,092,928	1,967,449	40,180,783	22,688,265	7,550,851	44,845,394	115,265,313	8.
4,841	23,050	9,945	781,683	-	88,315	235,048	1,105,046	9.
2,841	4,313	6,463	274,305	-	-	620,384	894,689	10.
12,094	29,592	40,372	3,102,767	161,850	-	42,526	3,307,143	11.
33,945	391,762	229,649	772,207	1,031,748	1,759,215	5,777,215	9,340,385	12.
1,122	3,014	3,560	183,551	28,618	-	78,819	290,988	13.
2,581	4,163	16,592	868,234	-	-	1,487	869,721	14.
2,698	22,326	27,290	-	1,178,419	-	81,333	1,259,752	15.
1,565	2,387	2,334	521,810	-	-	1,211	523,021	16.
4,439	19,656	13,635	242,073	242,641	7,265	625,936	1,117,915	17.
20,575	78,813	68,661	151,490	-	326,303	3,959,375	4,437,168	18.
6,410	93,445	32,841	250,722	1,101,191	193,571	587,579	2,133,063	19.
4,637	31,018	42,427	185,556	1,859,803	-	69,286	2,114,645	20.
2,344	5,716	11,478	143,596	436,499	-	46,237	626,332	21.
8,601	9,928	16,673	2,836,246	1,087	478	92,843	2,930,654	22.
8,166	14,660	56,051	1,148,943	-	29,888	1,194,735	2,373,566	23.
1,008	1,197	7,037	418,518	-	-	755	419,273	24.
9,361	43,783	55,921	1,302,792	1,852,228	-	701,271	3,856,291	25.
9,452	15,033	37,812	2,234,270	166,081	33,885	205,176	2,639,412	26.
1,851	2,390	5,863	280,600	9,640	4,919	111,313	406,472	27.
9,314	25,239	25,747	1,070,686	-	-	778,681	1,849,367	28.
8,578	38,506	39,159	1,296,250	51,874	40,148	881,295	2,269,567	29.
6,053	18,795	51,575	1,165,182	602,662	7,372	458,269	2,233,485	30.
4,919	36,500	33,210	27,619	1,427,564	92,582	209,544	1,757,309	31.
3,973	22,250	31,791	156,490	1,425,782	-	110,895	1,693,167	32.
4,195	728	6,713	177,948	-	-	572,753	750,701	33.
17,982	193,111	232,257	1,687,370	1,014,236	848,678	1,962,318	5,512,602	34.
2,515	41,879	11,597	503,172	196,077	117,549	346,506	1,163,304	35.
2,192	18,791	22,871	432,178	-	45,853	260,352	738,383	36.
3,859	20,835	30,461	1,098,426	881,968	-	136,469	2,116,863	37.
2,533	2,827	4,658	450,261	24,543	-	21,058	495,862	38.
8,217	34,564	35,194	410,217	1,641,270	14,701	1,152,299	3,218,487	39.
1,278	2,720	1,262	144,354	-	-	137,633	281,987	17.
2,061	2,085	4,721	496,183	-	-	78,705	574,888	18.
10,565	24,365	43,437	2,722,929	909,539	-	503,560	4,136,028	19.
3,467	6,461	8,711	500,011	243,540	-	394,294	1,137,845	20.
3,061	34,874	44,055	80,962	1,902,205	-	31,510	2,014,677	21.
2,485	11,535	17,447	93,149	841,847	-	64,657	999,653	22.
7,375	25,173	33,366	1,950,397	83,109	35,668	379,028	2,448,202	23.
2,772	22,778	27,971	255,593	1,215,432	-	20,225	1,491,250	24.
8,912	39,899	33,389	1,982,844	36,673	210,492	326,109	2,556,118	25.
7,760	30,412	43,597	91,768	1,858,847	1,524	878,819	2,830,958	26.

## DAIRY FACTORIES

## 1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - con.

## 1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - suite.

## (1) Butter and Cheese Factories - Beurreries et fromageries.

No.	Province and County or District	Establishments	Total of Employees and of Salaries and Wages		Paid to Patrons	Fuel used
	Province et comté ou district	Etablissements	Total du personnel des salaires et des gages		Sommes versées aux patrons	Combustible consommé
		No. nomb.	No. nomb.	↓	↓	↓
	Ontario - concluded - fin					
1.	Sudbury .....	2	102	155,239	473,242	8,533
2.	Thunder Bay .....	3	110	227,933	712,244	14,418
3.	Timiskaming .....	5	27	31,571	492,280	7,120
4.	Victoria .....	6	63	83,939	1,235,111	20,829
5.	Waterloo .....	12	187	274,040	2,081,754	47,164
6.	Welland .....	3	67	97,712	346,856	10,678
7.	Wellington .....	12	218	296,722	2,400,715	52,891
8.	Wentworth .....	3	380	813,818	1,677,886	44,260
9.	York .....	12	1,832	3,979,911	10,325,690	217,914
10.	Manitoba .....	90	1,612	2,690,311	17,140,083	250,632
11.	Brandon .....	6	126	162,571	1,848,153	8,843
12.	Churchill .....	1	14	19,085	454,025	2,551
13.	Dauphin .....	7	43	53,229	1,161,719	7,874
14.	Lisgar .....	5	46	60,140	633,560	5,115
15.	Macdonald .....	8	53	58,851	975,816	13,916
16.	Marquette .....	7	49	62,466	1,224,583	11,445
17.	Neepawa .....	4	36	50,011	804,154	4,053
18.	Portage la Prairie .....	3	30	47,323	442,684	5,993
19.	Provencher .....	20	69	68,255	1,092,109	21,044
20.	St. Boniface .....	4	277	511,929	1,792,928	49,900
21.	Selkirk .....	10	50	63,126	1,322,428	18,945
22.	Souris .....	3	29	35,624	549,917	5,650
23.	Springfield .....	2	10	11,570	160,777	4,843
24.	Winnipeg .....	10	780	1,486,131	4,677,180	90,460
25.	Saskatchewan .....	69	1,485	2,241,745	19,139,118	176,861
26.	Assiniboia .....	3	35	38,318	456,544	4,097
27.	Humboldt .....	2	9	10,572	351,374	1,633
28.	Kindersley .....	1	8	9,547	172,641	1,515
29.	Mackenzie .....	5	42	48,193	1,138,771	9,430
30.	Maple Creek .....	2	23	26,685	245,621	3,429
31.	Melfort .....	3	36	45,700	858,806	6,177
32.	Melville .....	5	45	59,314	1,210,101	9,450
33.	Moose Jaw .....	4	153	273,142	1,372,966	13,123
34.	North Battleford .....	4	30	40,110	772,842	6,406
35.	Prince Albert .....	9	107	152,799	1,269,994	14,337
36.	Qu'Appelle .....	3	39	40,847	515,389	2,580
37.	Regina .....	5	288	484,885	2,109,779	26,585
38.	Rosetown .....	1	11	15,067	299,835	1,504
39.	Rosthern .....	1	28	38,944	649,693	5,775
40.	Saskatoon .....	4	352	606,279	3,435,149	39,701
41.	Swift Current .....	2	44	67,624	995,384	4,000
42.	The Battlefords .....	5	95	112,099	1,331,172	11,481
43.	Weyburn .....	2	31	33,984	357,452	1,955
44.	Yorkton .....	5	109	137,636	1,595,605	13,683
45.	Alberta .....	106	1,577	2,421,091	18,980,207	193,590
46.	Acadia .....	4	26	36,965	506,573	5,653

## FABRIQUE LAITIÈRES

1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - con.

1. RÉSUMÉ DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - suite.

(1) Butter and Cheese Factories - Beurreries et fromageries.

Electricity used --- Electricité consommée	Supplies used --- Fournitures utilisées	Containers used --- Récipients utilisés	Value of Products --- Valeur des produits					No.
			Butter --- Beurre	Cheese --- Fromage	Ice Cream --- Crème glacée	Other --- Autres	Total	
3,145	687	12,697	48,938	-	-	694,946	743,884	1.
3,767	45,830	8,756	5,527	16,407	95,468	1,010,699	1,128,101	2.
883	3,771	4,790	479,910	56,797	-	50,388	587,095	3.
6,346	4,375	16,661	1,177,830	35,485	-	419,611	1,632,926	4.
10,612	41,101	37,894	1,751,384	150,873	115,742	789,331	2,807,330	5.
2,496	18,333	6,021	121,683	-	66,685	409,696	598,064	6.
13,553	27,710	53,159	2,510,603	1,750	62,334	517,512	3,092,199	7.
11,732	117,369	67,975	44,411	-	948,161	2,510,230	3,502,802	8.
60,715	383,179	291,703	1,547,145	-	2,404,055	4,305,473	18,256,673	9.
84,366	518,846	551,778	13,683,250	1,024,344	1,585,387	7,851,280	24,144,261	10.
10,821	40,131	29,999	2,021,277	-	158,631	282,793	2,462,701	11.
3,234	1,580	9,600	526,204	-	-	31,024	557,228	12.
3,604	7,671	21,072	1,326,359	22,064	-	18,463	1,366,886	13.
2,454	3,282	11,971	776,489	17,418	-	842	794,749	14.
2,092	3,091	19,669	1,132,897	26,328	-	26,915	1,186,140	15.
3,582	7,835	31,717	1,447,108	-	12,768	19,233	1,479,109	16.
3,219	6,433	15,567	967,675	-	11,800	8,649	988,124	17.
1,524	3,448	5,061	408,339	-	23,953	142,084	574,376	18.
567	13,780	24,966	518,166	787,930	-	19,558	1,325,654	19.
10,808	158,609	104,559	226,198	168,403	205,926	2,400,191	3,000,718	20.
2,057	4,506	24,894	1,523,116	-	-	5,031	1,528,147	21.
1,277	1,594	10,910	638,598	-	-	10,976	649,574	22.
663	1,414	2,966	168,704	-	-	27,157	195,861	23.
38,464	265,472	238,827	2,002,120	2,201	1,172,309	4,858,364	8,034,994	24.
138,996	716,367	507,827	18,434,572	97,385	1,464,521	6,125,069	26,121,547	25.
3,114	4,666	11,369	535,225	-	19,063	32,105	586,393	26.
1,767	1,280	5,314	344,707	19,197	-	31,500	395,404	27.
868	450	3,655	210,483	-	-	-	210,483	28.
4,611	4,914	21,032	1,275,977	-	70,783	25,912	1,372,672	29.
3,321	975	6,786	231,815	-	-	60,634	292,449	30.
4,543	6,184	11,490	869,590	-	-	165,640	1,035,230	31.
5,747	345,934	24,359	1,403,959	-	-	450,003	1,853,962	32.
12,124	45,429	57,147	1,145,967	-	271,358	613,374	2,030,699	33.
1,089	4,961	15,477	912,043	-	-	29,456	941,499	34.
8,176	20,642	51,429	1,328,886	51,288	59,372	339,292	1,778,838	35.
3,155	1,327	8,775	594,086	-	1,199	3,462	598,747	36.
20,336	147,491	87,581	1,467,133	-	500,019	1,672,360	3,639,512	37.
1,627	3,070	8,000	363,756	-	6,301	-	370,057	38.
2,606	5,203	11,069	757,818	26,900	-	1,418	786,136	39.
34,824	98,913	106,947	2,303,555	-	498,745	2,269,580	5,071,880	40.
5,453	1,887	17,595	1,031,708	-	9,101	114,897	1,155,706	41.
9,112	9,662	25,659	1,471,892	-	28,580	142,909	1,643,381	42.
3,594	1,558	4,431	364,889	-	-	72,771	437,660	43.
12,929	11,821	29,712	1,821,083	-	-	99,756	1,920,839	44.
101,370	469,538	448,824	16,409,027	901,163	1,310,963	6,464,405	25,085,558	45.
2,105	6,664	10,638	612,720	-	-	4,196	616,916	46.



## DAIRY FACTORIES

1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - conc.

1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - fin.

(1) Butter and Cheese Factories - Beurreries et fromageries

No.	Province and County or District --- Province et comté ou district	Establish- ments --- Etablissem- ents	Total of Employees and of Salaries and Wages --- Total du personnel des salaires et des gages		Paid to Patrons --- Sommes versées aux patrons	Fuel used --- Combustible consommé
			No. nomb.	No. nomb.		
	Alberta - concluded - fin					
1.	Athabaska .....	7	42	46,122	942,943	8,153
2.	Battle River .....	4	21	27,957	505,054	3,137
3.	Bow River .....	3	17	21,881	318,395	4,084
4.	Calgary .....	9	220	364,286	1,577,904	24,015
5.	Camrose .....	13	105	139,592	2,402,288	20,942
6.	Edmonton .....	6	582	1,012,520	4,728,176	39,514
7.	Jasper-Edson .....	4	36	42,070	863,364	8,666
8.	Lethbridge .....	6	139	193,156	860,246	16,826
9.	Macleod .....	6	29	39,057	320,093	3,495
10.	Medicine Hat .....	4	61	100,926	582,526	4,027
11.	Peace River .....	4	33	36,900	334,850	3,817
12.	Red Deer .....	16	126	166,914	1,920,478	20,661
13.	Vegreville .....	6	35	46,222	843,341	5,063
14.	Wetaskiwin .....	14	105	146,523	2,273,976	25,537
15.	British Columbia - Colombie- Britannique	34	1,469	2,635,602	12,790,587	269,544
16.	Cariboo .....	2	5	6,626	72,588	1,746
17.	Comox-Alberni .....	1	16	24,934	162,812	1,960
18.	Fraser Valley .....	1	115	172,110	1,865,058	47,618
19.	Kamloops .....	2	29	39,058	241,360	2,514
20.	Kootenay .....	4	42	55,320	163,680	5,141
21.	Nanaimo .....	2	20	30,388	127,886	4,789
22.	New Westminster .....	2	45	82,822	555,604	22,556
23.	Skeena .....	2	12	20,090	71,558	2,080
24.	Vancouver .....	9	857	1,662,508	7,574,044	125,535
25.	Victoria .....	4	266	456,748	1,262,271	44,209
26.	Gale .....	5	62	84,998	693,726	11,396

(2) Concentrated Milk Factories - Fabriques de lait concentré

No.	Province	Establish- ments --- Etablissem- ents	Total of Employees and of Salaries and Wages --- Total du personnel des salaires et des gages		Paid to Patrons --- Sommes versées aux patrons	Fuel used --- Combustible consommé
			No. nomb.	No. nomb.		
1.	CANADA .....	31	1,569	2,656,429	24,079,081	980,835
2.	Quebec - Québec .....	5	302	523,889	5,389,773	162,419
3.	Ontario .....	21	1,100	1,878,899	15,809,889	722,092
4.	Nova Scotia - Nouvelle-Ecosse .1) Alberta .....	5	167	253,641	2,879,419	96,324
	British Columbia - Colombie- Britannique 3)					

## FABRIQUES LAITIÈRES

## 1. GENERAL SUMMARY OF STATISTICS OF DAIRY FACTORIES, 1947 - conc.

## 1. RESUME DE LA STATISTIQUE DES FABRIQUES LAITIÈRES, 1947 - fin.

## (1) Butter and Cheese Factories - Beurreries et fromageries

Electricity used --- Electricité consommée	Supplies used --- Fournitures utilisées	Containers used --- Récipients utilisés	Value of Products --- Valeur des produits					No.
			Butter --- Beurre	Cheese --- Fromage	Ice Cream --- Crème glacée	Other --- Autres	Total	
\$	\$	\$	\$	\$	\$	\$	\$	
3,615	3,217	16,552	1,061,525	-	-	27,927	1,089,452	1.
1,449	645	9,280	551,726	-	-	8,097	559,823	2.
1,888	4,433	5,382	209,280	126,890	-	46,641	382,811	3.
10,526	44,076	46,043	890,936	-	88,292	1,340,945	2,320,173	4.
9,890	13,398	48,586	2,431,888	264,923	-	124,259	2,821,070	5.
23,565	262,961	124,104	3,089,555	-	988,127	3,171,111	7,248,793	6.
1,670	2,556	16,754	998,173	-	-	2,569	1,000,742	7.
10,525	71,018	45,375	460,068	74,126	167,877	642,801	1,344,872	8.
4,071	9,432	4,433	315,395	64,151	-	39,365	418,911	9.
5,399	16,874	21,290	526,100	18,977	58,466	279,518	883,061	10.
3,792	580	8,286	308,762	10,817	8,201	83,722	411,502	11.
13,612	26,423	34,893	1,732,966	104,348	-	471,541	2,308,855	12.
2,462	873	15,603	876,324	43,837	-	38,366	958,527	13.
6,801	7,388	41,605	2,343,609	193,094	-	183,347	2,720,050	14.
90,687	360,998	296,284	2,677,315	146,642	1,223,183	15,620,329	19,667,469	15.
343	427	800	92,082	-	-	-	92,082	16.
2,695	4,583	5,091	48,216	-	33,397	151,610	233,223	17.
9,127	3,269	45,115	1,401,140	-	20,672	776,399	2,198,211	18.
3,640	13,842	15,053	303,562	-	156,791	1,510	461,863	19.
2,816	42,689	14,268	101,032	16,000	121,570	125,912	364,514	20.
1,673	643	321	40,623	-	-	143,089	183,712	21.
4,351	1,338	9,740	61,186	-	7,256	831,376	899,818	22.
945	242	1,051	28,029	-	1,385	72,315	101,729	23.
40,748	155,409	147,933	208,510	-	426,058	11,158,000	11,792,568	24.
19,412	113,308	44,934	-	-	407,642	1,937,629	2,345,271	25.
4,937	25,248	11,978	392,935	130,642	48,412	422,489	994,478	26.

## (2) Concentrated Milk Products - Fabriques de lait concentré

Electricity used --- Electricité consommée	Supplies used --- Fournitures utilisées	Containers used --- Récipients utilisés	Value of Products - Valeur des produits				Total	No.
			Condensed milk --- Lait condensé	Evaporated milk --- Lait évaporé	Milk powder and skim milk powder --- Lait en poudre et lait écrémé en poudre	Other <sup>1/</sup> --- Autres <sup>1/</sup>		
\$	\$	\$	\$	\$	\$	\$		
104,063	3,197,238	5,536,747	4,428,964	20,183,902	6,104,967	11,927,518	42,645,351	1.
23,649	443,524	1,471,491	1,844,619	5,641,672	246,928	1,509,430	9,242,649	2.
67,853	2,732,619	3,296,807	2,528,123	10,373,164	5,835,505	10,171,327	28,908,119	3.
12,561	21,095	768,449	56,222	4,169,066	22,534	246,761	4,494,583	4.

1/ Included with "Other Products" of Concentrated Milk Factories for Quebec and Ontario are the following:

1,314,793 pounds of butter, value \$717,712 and 121,652 pounds of cheese, value \$31,230.

1/ Avec les produits de fabriques de lait concentré sont inclus: 1,314,793 livres de beurre, valant \$717,712 et 121,652 livres de fromage, valant \$31,230, dans Québec et Ontario.

## DAIRY FACTORIES

## II. EMPLOYMENT BY MONTHS IN ALL DAIRY FACTORIES (INCLUDING CONDENSERIES), 1947

## II. EMPLOI, PAR MOIS, DANS TOUTES LES FABRIQUES LAITIÈRES (Y COMPRIS LES CONDENSERIES), 1947

Province	Estab- lish- ments ---	Employees on Salaries ---		Employees on Wages ---	
	Eta- blisse- ments	Employés à salaire		Employés à gages	
No.	No. nomb.	No. nomb.	⌘	No. nomb.	⌘
1. CANADA .....	2,068	6,102	9,067,791	16,224	25,994,383
2. Prince Edward Island - Ile du Prince-Edouard	24	79	102,919	77	86,862
3. Nova Scotia - Nouvelle-Ecosse .....	27	122	235,979	473	685,022
4. New Brunswick - Nouveau-Brunswick .....	31	118	161,859	311	423,749
5. Quebec - Québec .....	899	1,725	2,121,146	3,291	4,829,804
6. Ontario .....	784	2,567	3,936,250	7,276	12,272,205
7. Manitoba .....	90	394	668,806	1,218	2,021,505
8. Saskatchewan .....	69	392	642,445	1,093	1,599,300
9. Alberta .....	107	426	690,608	1,185	1,782,384
10. British Columbia - Colombie-Britannique ....	37	279	507,779	1,300	2,293,552

## III. SALARIED EMPLOYEES AND WAGE EARNERS BY SEX, 1947

## III. EMPLOYÉS À SALAIRE ET EMPLOYÉS À GAGES PAR SEXE, 1947

## (1) Butter and Cheese Factories - Beurreries et fromageries

Province	Estab- lish- ments ---	Salaried Employees - Employés à salaire			
		Male ---	Female ---	Total	Total Salaries ---
No.	No. nomb.	No. Hommes nomb.	No. Femmes nomb.	No. nomb.	⌘ Tous salaires
1. CANADA .....	2,037	4,178	1,681	5,859	8,517,435
2. Prince Edward Island - Ile du Prince-Edouard	24	56	23	79	102,919
3. Nova Scotia - Nouvelle-Ecosse .....	26	70	49	119	229,192
4. New Brunswick - Nouveau-Brunswick .....	31	76	42	118	161,859
5. Quebec - Québec .....	894	1,470	213	1,683	2,011,457
6. Ontario .....	763	1,681	700	2,381	3,521,941
7. Manitoba .....	90	230	164	394	668,806
8. Saskatchewan .....	69	218	174	392	642,445
9. Alberta .....	106	222	200	422	682,373
10. British Columbia - Colombie-Britannique ....	34	155	116	271	496,443

## (2) Concentrated Milk Factories - Fabriques de lait concentré

11. CANADA .....	31	157	86	243	550,356
12. Quebec - Québec .....	5	30	12	42	109,689
13. Ontario .....	21	119	67	186	414,309
14. Nova Scotia - Nouvelle-Ecosse ..... 1)					
Alberta ..... 1)	5	8	7	15	26,358
British Columbia - Colombie-Britannique . 3)					

1/ Comprising creameries, cheese factories and combined butter and cheese factories.

1/ Y compris crémèries, fromageries et beurreries-fromageries.



## FABRIQUES LAITIÈRES

## II. EMPLOYMENT BY MONTHS IN ALL DAIRY FACTORIES (INCLUDING CONDENSERIES), 1947

## II. EMPLOI, PAR MOIS, DANS TOUTES LES FABRIQUES LAITIÈRES (Y COMPRIS LES CONDENSERIES), 1947

Wage-earners on 15th of each month

Nombre d'employés à gages le 15 de chaque mois

Jan. -- Janv.	Feb. -- Fév.	March -- Mars	April -- Avril	May -- Mai	June -- Juin	July -- Juillet	August -- Août	Sept. -- Sept.	Oct. -- Oct.	Nov. -- Nov.	Dec. -- Déc.	No.
No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	No.
13,663	13,692	14,199	15,705	17,008	17,919	18,323	17,950	17,070	16,299	15,463	14,715	1.
57	54	61	64	71	85	89	90	86	75	68	59	2.
405	405	417	434	446	475	497	495	492	478	465	459	3.
263	263	271	293	306	338	363	338	327	327	307	299	4.
2,518	2,523	2,674	3,200	3,640	3,839	3,930	3,808	3,645	3,417	3,100	2,810	5.
6,258	6,300	6,488	7,031	7,475	7,914	7,997	7,916	7,531	7,256	6,974	6,616	6.
1,069	1,068	1,110	1,180	1,268	1,330	1,381	1,344	1,243	1,184	1,144	1,131	7.
902	893	920	1,054	1,194	1,234	1,315	1,265	1,155	1,107	1,060	1,032	8.
1,002	1,008	1,041	1,137	1,256	1,313	1,342	1,326	1,248	1,167	1,089	1,079	9.
1,189	1,178	1,217	1,312	1,352	1,391	1,409	1,368	1,343	1,288	1,256	1,230	10.

## III. SALARIED EMPLOYEES AND WAGE EARNERS BY SEX, 1947

## III. EMPLOYÉS A SALAIRE ET EMPLOYÉS A GAGES PAR SEXE, 1947

(1) Butter and Cheese Factories - Beurreries et fromageries

Wage-earners - Employés à gages				Total of Employees - Total des employés				No.
Male -- Hommes	Female -- Femmes	Total	Total wages -- Tous gages	Male -- Hommes	Female -- Femmes	Total	Total Salaries and Wages -- Total des salaires et gages	No.
No. nomb.	No. nomb.	No. nomb.	⌘	No. nomb.	No. nomb.	No. nomb.	⌘	No.
13,681	1,217	14,898	23,888,310	17,859	2,898	20,757	32,405,745	1.
73	4	77	86,862	129	27	156	189,781	2.
447	6	453	655,798	517	55	572	884,990	3.
278	33	311	423,749	354	75	429	585,608	4.
2,946	85	3,031	4,415,604	4,416	298	4,714	6,427,061	5.
5,831	531	6,362	10,807,615	7,512	1,231	8,743	14,329,556	6.
1,116	102	1,218	2,021,505	1,346	266	1,612	2,690,311	7.
903	190	1,093	1,599,300	1,121	364	1,485	2,241,745	8.
992	163	1,155	1,738,718	1,214	363	1,577	2,421,091	9.
1,095	103	1,198	2,139,159	1,250	219	1,469	2,635,602	10.

(2) Concentrated Milk Factories - Fabriques de lait concentré

1,215	111	1,326	2,106,073	1,372	197	1,569	2,656,429	11.
250	10	260	414,200	280	22	302	523,889	12.
817	97	914	1,464,590	936	164	1,100	1,878,899	13.
148	4	152	227,283	156	11	167	253,641	14.

## DAIRY FACTORIES

## IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947

## IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947

(1) Butter and Cheese Factories<sup>1/</sup> - Beurreries et fromageries<sup>1/</sup>

No.	Province and County or District --- Province et comté ou district	Estab-	Patrons	Milk	Cream	Amount paid for	
		lish-		delivered	delivered	--- Sommes versées pour	
		ments	at factory	at factory		Milk	Cream
		--- Eta-				--	--
		blisse-	Patrons	Lait	Crème	Lait	Crème
		ments		livré aux	livrée aux		
			No.	lb.	lb. of		
		No.	nomb.	liv.	butter-fat	\$	\$
		nomb.			liv. de gras		
1.	CANADA .....	2,037	431,770	3,945,147,773	223,642,562	104,134,199	123,678,531
2.	Prince Edward Island - Ile du Prince-Edouard .....	24	7,230	11,050,297	3,010,524	289,946	1,778,144
3.	Kings .....	4	483	795,149	155,935	19,605	84,204
4.	Prince .....	11	2,123	4,559,835	875,100	115,523	518,458
5.	Queens .....	9	4,624	5,695,313	1,979,489	154,821	1,175,482
6.	Nova Scotia - Nouvelle-Ecosse ...	26	15,686	41,928,457	5,956,559	1,455,519	3,459,780
7.	Annapolis .....	1	1,850	120,000	530,000	4,156	298,192
8.	Antigonish .....	1	719	2,200,000	82,106	81,400	50,000
9.	Cape Breton .....	1	150	302,777	53,555	12,985	28,441
10.	Colchester .....	3	1,854	3,219,369	1,066,254	98,320	645,764
11.	Cumberland .....	4	1,438	2,108,016	715,172	51,981	419,878
12.	Digby .....	1	277	-	40,739	-	24,730
13.	Halifax .....	2	685	22,824,152	321,927	846,924	211,500
14.	Hants .....	2	1,835	1,658,880	445,216	56,071	255,152
15.	Inverness .....	2	963	139,293	86,536	4,178	43,916
16.	Kings .....	3	2,268	5,481,436	864,128	178,064	476,418
17.	Lunenburg .....	1	527	-	222,449	-	127,874
18.	Pictou .....	2	1,496	505,500	759,624	18,199	440,426
19.	Victoria .....	1	121	-	27,905	-	13,952
20.	Yarmouth .....	2	1,503	3,369,034	740,948	103,241	423,537
21.	New Brunswick - Nouveau-Brunswick	31	11,656	30,361,867	6,106,292	991,873	3,551,612
22.	Albert .....	2	167	1,020,359	59,971	20,407	33,480
23.	Gloucester .....	1	650	-	144,621	-	73,700
24.	Kings .....	7	2,092	5,412,029	1,462,775	146,304	819,744
25.	Madawaska .....	3	925	-	336,859	-	189,927
26.	Northumberland .....	1	500	554,954	158,912	16,750	95,347
27.	Queens .....	1	310	-	288,187	-	166,226
28.	Restigouche .....	5	556	1,180,172	248,840	41,822	139,584
29.	Saint John .....	1	105	8,167,456	180,855	301,650	155,828
30.	Victoria .....	1	389	-	179,925	-	104,733
31.	Westmorland .....	5	1,820	3,394,711	636,294	84,680	381,776
32.	Carlston .....	2)	4	4,142	10,632,186	2,409,053	1,431,267
	York .....	2)					
33.	Quebec - Québec .....	894	89,378	1,197,655,385	62,115,204	30,127,995	36,640,819
34.	Abitibi .....	14	2,007	3,840,584	1,075,796	105,870	615,585
35.	Argenteuil .....	3	489	13,413,208	162,882	313,781	91,761
36.	Arthabaska .....	33	1,835	33,002,500	1,649,383	673,251	955,250
37.	Bagot .....	15	1,363	14,150,473	1,259,437	300,273	755,197
38.	Beauce .....	33	3,349	8,475,708	2,551,408	184,365	1,508,106
39.	Beauharnois .....	5	455	62,251	426,435	1,867	249,104
40.	Bellechasse .....	20	2,109	15,552,110	1,251,770	339,044	746,715
41.	Berthier .....	12	1,361	8,976,059	1,103,779	196,917	664,660
42.	Bonaventure .....	13	1,269	7,726,211	117,911	171,984	66,218

1/ Comprising creameries, cheese factories and combined butter and cheese factories

1/ Y compris crémèries, fromageries et beurreries - fromageries



IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947.

IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947.

(1) Butter and Cheese Factories - Beurreries et fromageries

Production of Butter		Production of Cheese		Milk sold		Cream sold		Other Products Value	Total Value of Products	No.
Production du beurre		Production du fromage		Lait vendue		Crème vendue				
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Autres produits valeur	Valeur totale des produits	
Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur			
lb.	\$	lb.	\$	gal.	\$	lb. of butter-fat	\$	\$	\$	
liv.		liv.		gall.		liv. de gras				
280,637,898	152,217,358	123,215,878	51,897,631	129,720,855	72,451,620	19,018,525	18,864,769	54,296,380	509,727,758	1.
3,657,480	2,003,373	663,854	202,558	304,008	162,503	19,780	17,929	165,237	2,551,600	2.
192,641	104,431	75,098	24,054	-	-	-	-	-	128,485	3.
1,087,735	610,831	267,800	81,134	132,085	69,000	8,000	8,977	5,695	773,637	4.
2,377,104	1,288,111	320,956	97,370	171,923	93,503	11,780	8,952	161,542	1,649,478	5.
6,689,566	3,752,971	-	-	3,246,704	1,867,436	409,719	358,659	1,599,509	7,578,575	6.
658,493	352,941	-	-	9,520	4,101	20,171	16,137	956	374,135	7.
100,169	60,000	-	-	179,771	112,450	11,028	8,300	-	180,750	8.
21,919	13,693	-	-	-	-	-	-	-	116,518	9.
1,138,872	616,632	-	-	259,000	116,305	40,048	29,911	441,919	1,204,767	10.
766,698	419,762	-	-	103,625	57,499	42,722	31,331	162,538	671,130	11.
48,268	26,827	-	-	-	-	-	-	6,197	33,024	12.
162,564	88,510	-	-	1,711,823	1,061,330	142,869	137,339	493,312	1,780,491	13.
556,081	325,348	-	-	152,618	84,111	3,697	3,656	700	413,815	14.
98,994	56,736	-	-	13,929	7,247	6,000	3,705	40	67,723	15.
1,148,915	667,445	-	-	544,881	266,861	75,387	63,966	4,405	1,002,677	16.
246,197	134,315	-	-	-	-	48	44	53,434	187,793	17.
865,340	462,201	-	-	20,978	12,587	21,973	22,979	121,530	619,097	18.
34,030	17,696	-	-	-	-	-	-	-	17,696	19.
843,026	510,865	-	-	270,559	144,945	45,776	41,291	211,853	908,954	20.
6,913,176	3,756,903	743,366	205,659	2,102,988	1,266,470	268,560	234,797	918,460	6,382,289	21.
73,076	43,310	79,586	22,455	19,766	6,925	-	-	-	72,690	22.
153,454	76,727	-	-	-	-	-	-	38,748	115,475	23.
1,733,649	958,091	348,430	94,914	149,030	81,598	24,210	23,734	157,315	1,315,652	24.
407,149	213,622	-	-	-	-	-	-	6,933	220,555	25.
194,417	122,228	-	-	53,830	29,687	-	-	-	151,915	26.
357,404	186,055	-	-	-	-	-	-	4,449	190,504	27.
273,116	145,187	-	-	101,674	61,235	5,842	5,664	81,337	293,423	28.
104,380	54,268	-	-	662,596	381,565	75,339	60,314	241,534	737,681	29.
221,171	115,792	-	-	-	-	-	-	-	115,792	30.
761,225	418,673	315,350	88,290	17,420	6,156	-	-	15,052	528,171	31.
2,634,135	1,422,950	-	-	1,098,672	699,304	163,169	145,085	373,092	2,640,431	32.
97,167,754	51,319,164	25,447,525	6,631,595	22,045,032	11,915,298	5,832,474	4,724,549	8,340,540	82,931,146	33.
1,308,253	686,751	66,661	17,183	267,765	187,435	1,050	1,272	20,723	913,364	34.
734,235	402,801	92,674	23,069	-	-	-	-	115,748	541,618	35.
2,226,617	1,172,216	2,381,528	596,518	145,328	85,523	-	-	46,358	1,900,615	36.
2,121,862	1,119,765	72,273	22,262	4,476	1,727	1,865	1,192	82,054	1,227,000	37.
3,226,210	1,720,422	563,821	144,644	-	-	7,344	5,343	25,327	1,895,736	38.
505,940	267,576	-	-	-	-	-	-	46,527	314,103	39.
1,871,109	998,836	749,408	189,998	-	-	206	165	74,175	1,263,172	40.
1,703,694	906,001	-	-	-	-	-	-	83,739	989,740	41.
460,478	248,963	98,540	24,842	-	-	-	-	-	273,805	42.

## IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - con.

## IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947 - suite.

## (1) Butter and Cheese Factories - Beurreries et fromageries

No.	Province and County, or District --- Province et comté ou district	Estab-	Patrons --- Patrons	Milk	Cream	Amount paid for		
		lish- --- Eta- blisse- ments		delivered at factory --- Lait livré aux fabriques	delivered at factory --- Crème livrée aux fabriques	--- Sommes versées pour		
		No.	No.	lb.	lb. of	Milk	Cream	
		nomb.	nomb.	liv.	butter-fat liv. de gras	\$	\$	
	Quebec - Québec - concluded - fin							
1.	Brome .....	5	963	22,052,711	745,973	581,960	425,968	
2.	Champlain .....	16	1,037	20,108,068	335,424	429,986	192,782	
3.	Charlevoix .....	11	763	2,910,892	187,290	64,452	111,336	
4.	Chateauguy .....	5	653	13,031,454	590,105	371,668	233,929	
5.	Chicoutimi .....	31	888	18,662,889	206,471	426,961	115,745	
6.	Compton .....	13	975	5,468,518	975,288	126,854	558,772	
7.	Deux Montagnes .....	10	950	15,983,473	403,246	436,224	236,130	
8.	Dorchester .....	22	3,292	18,801,737	2,536,449	411,804	1,530,118	
9.	Drummond .....	16	2,058	44,000,197	1,085,400	1,057,057	646,387	
10.	Frontenac .....	19	2,173	3,230,794	2,060,912	65,724	1,228,287	
11.	Gaspé .....	4	305	2,244,504	10,456	51,036	6,118	
12.	Gatineau-Hull .....	8	1,327	1,720,195	927,848	54,856	531,791	
13.	Huntingdon .....	5	737	16,771,961	298,360	384,729	172,430	
14.	Iberville .....	3	440	21,248,224	73,243	551,176	47,493	
15.	Joliette .....	13	1,482	-	1,697,309	-	1,008,847	
16.	Kamouraska .....	17	1,824	8,369,156	1,310,145	196,665	789,665	
17.	Labelle .....	9	1,419	367,703	1,219,576	7,235	699,065	
18.	Lac St-Jean .....	33	1,021	34,000,843	452,482	709,036	253,427	
19.	Laprairie .....	2	557	3,065,800	375,183	59,418	229,762	
20.	L'Assomption .....	7	1,004	3,900,000	956,298	111,150	582,196	
21.	Leviollette .....	6	485	3,614,147	298,099	81,322	171,670	
22.	Lévis .....	2	412	-	500,478	-	303,054	
23.	L'Islet .....	14	1,439	6,617,013	717,598	141,393	411,937	
24.	Lotbinière .....	23	2,898	20,657,123	2,743,371	466,065	1,569,376	
25.	Maskinongé .....	12	1,101	5,520,220	1,046,056	115,499	622,487	
26.	Matane .....	9	1,229	18,581,720	353,291	455,039	205,374	
27.	Metapédia .....	14	1,555	4,819,558	937,978	108,586	560,406	
28.	Mégantic .....	20	2,076	20,038,332	1,781,911	508,009	1,036,381	
29.	Missisquoi .....	5	699	23,350,162	211,447	614,252	124,270	
30.	Montcalm .....	7	914	-	982,307	-	564,216	
31.	Montmagny .....	13	1,051	4,202,206	737,852	88,395	453,991	
32.	Montmorency .....	7	708	2,500,900	393,655	50,207	222,349	
33.	Montréal .....	7	1,489	161,231,775	1,532,701	5,293,044	1,028,011	
34.	Napierville .....	3	1,044	11,766,965	235,092	273,801	139,208	
35.	Nicolet .....	38	2,935	54,332,897	2,050,575	1,137,897	1,201,269	
36.	Papineau .....	16	2,258	5,763,530	2,500,024	119,473	1,479,559	
37.	Pontiac .....	4	1,392	6,240,381	1,177,406	145,929	650,349	
38.	Portneuf .....	18	1,577	18,535,429	715,753	378,017	400,394	
39.	Québec .....	3	911	27,477,200	988,656	960,116	576,358	
40.	Richelieu .....	9	812	16,282,749	730,823	370,595	436,276	
41.	Richmond .....	10	1,045	37,828,505	266,390	994,011	159,739	
42.	Rimouski .....	22	1,744	20,298,646	600,173	439,741	349,221	
43.	Rivière-du-Loup .....	20	2,096	18,033,210	1,395,772	391,916	830,710	
44.	Roberval .....	20	2,007	37,918,231	947,431	775,500	526,010	
45.	Rouville .....	12	1,017	25,252,289	305,280	607,203	183,720	
46.	Saguenay .....	3	199	417,792	101,252	10,859	57,670	
47.	Shefford .....	18	2,529	68,091,065	2,323,993	1,784,663	1,388,264	
48.	Sherbrooke .....	5	429	4,872,584	626,917	168,246	370,602	
49.	Soulanges .....	6	705	7,506,271	530,051	145,540	306,831	
50.	Stanstead .....	10	855	7,177,218	1,568,589	230,358	909,490	
51.	St-Hyacinthe .....	13	1,411	35,155,868	674,469	840,096	402,589	
52.	St-Jean .....	3	648	18,708,816	103,760	524,510	64,174	
53.	St-Maurice .....	13	1,627	18,433,731	1,427,083	613,987	877,394	
54.	Témiscamingue .....	12	1,261	-	1,532,761	-	879,104	
55.	Témiscouata .....	10	1,115	5,632,249	425,441	119,945	245,541	
56.	Terrebonne .....	10	1,129	2,294,209	559,833	49,039	347,067	
57.	Vaudreuil .....	8	667	3,609,342	672,938	73,308	399,131	
58.	Chambly .....	1)						
	Verchères .....	7)	8	757	32,174,028	183,884	804,528	108,980
59.	Wolfe .....	23	1,247	13,243,654	1,150,251	263,654	678,978	
60.	Yamaska .....	21	1,770	68,337,167	217,404	1,617,629	126,825	



FABRIQUES LAITIÈRES

IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - con.

IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947 - suite.

(1) Butter and Cheese Factories - Beurreries et fromageries

Production of Butter		Production of Cheese		Milk sold		Cream sold		Other Products Value	Total Value of Products	No.
Production du beurre		Production du fromage		Lait vendu		Crème vendue				
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Autres produits valeur	Valeur totale des produits	
Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur			
lb.	\$	lb.	\$	gal.	\$	lb. of butter-fat	\$	\$	\$	
liv.		liv.		gall.		liv. de gras				
1,756,133	897,954	145,215	72,607	-	-	89,812	63,280	200,900	1,254,741	1.
1,181,947	635,893	256,485	58,745	-	-	2,700	2,578	69,071	766,287	2.
241,284	130,992	217,380	54,874	20,000	13,200	6,975	6,280	4,661	210,007	3.
538,121	285,677	127,439	31,464	267,210	67,462	266,557	192,478	35,470	608,551	4.
287,617	160,271	1,349,118	541,785	258,358	157,535	35,744	24,961	-	684,552	5.
1,440,856	740,009	-	-	-	-	-	-	39,841	779,850	6.
764,893	402,221	611,535	258,513	266,851	118,209	51,898	25,537	30,912	835,592	7.
3,784,515	2,002,964	151,547	38,809	7,374	2,273	112,190	76,383	26,030	2,146,459	8.
2,915,425	1,495,315	346,108	86,456	246,106	136,776	23,101	17,866	371,321	2,107,734	9.
2,567,972	1,331,628	294,760	74,583	-	-	-	-	7,651	1,413,842	10.
119,722	66,247	-	-	-	-	-	-	-	66,247	11.
1,138,370	595,651	157,793	39,939	-	-	-	-	538	636,128	12.
829,902	439,204	-	-	27,267	7,061	181,231	140,111	41,888	628,284	13.
273,955	145,322	10,720	3,628	360,159	135,603	442,541	265,599	143,634	693,786	14.
2,099,499	1,099,334	-	-	-	-	-	-	14,953	1,114,287	15.
1,959,210	1,046,935	76,815	19,612	-	-	80	72	24,424	1,091,045	16.
1,452,979	761,929	33,767	8,517	-	-	-	-	-	770,446	17.
579,969	313,755	2,907,646	733,794	172,065	70,952	14,681	13,565	4,980	1,137,046	18.
594,658	315,596	-	-	-	-	-	-	-	315,596	19.
1,183,066	630,444	11,405	4,560	211,040	92,460	49,269	30,738	10,718	768,920	20.
473,106	253,722	23,214	5,792	56,000	33,016	350	361	43,602	336,493	21.
616,367	324,888	-	-	-	-	-	-	355	325,243	22.
1,116,224	598,084	137,114	34,818	-	-	-	-	132	633,034	23.
4,106,500	2,128,855	253,011	63,454	3,691	1,476	1,808	1,296	415,636	2,610,717	24.
1,432,890	761,472	189,870	47,482	-	-	-	-	16,586	825,540	25.
1,167,795	623,421	36,010	9,503	184,513	48,894	-	-	73,137	754,955	26.
1,267,106	673,232	206,210	52,762	-	-	18,008	10,980	33	737,007	27.
2,752,760	1,431,147	231,846	59,396	438,756	202,916	26,739	20,542	97,822	1,811,823	28.
1,061,892	546,731	-	-	84,912	46,415	150,910	99,017	231,382	923,545	29.
1,211,501	641,303	-	-	-	-	3,000	2,064	1,175	644,542	30.
991,708	543,319	217,976	54,218	-	-	-	-	-	597,537	31.
569,280	305,117	-	-	-	-	-	-	1,465	306,582	32.
652,399	307,716	134,852	38,325	10,108,355	6,191,787	2,522,242	2,300,544	2,026,303	10,864,675	33.
791,301	433,231	-	-	33,748	9,595	-	-	136,103	578,929	34.
3,373,866	1,767,940	3,038,736	761,763	22,133	8,410	35,089	22,089	107,051	2,667,253	35.
3,061,184	1,636,489	513,480	128,516	18,185	5,751	-	-	1,831	1,772,587	36.
1,661,360	885,578	77,521	20,172	5,887	1,210	8,950	6,130	78,396	991,476	37.
1,565,049	835,216	247,029	63,315	-	-	8,589	5,491	27,900	931,922	38.
841,551	439,703	-	-	2,411,658	1,373,116	159,339	185,831	320,251	2,318,901	39.
1,259,244	689,647	275,851	69,587	512,385	307,431	10,115	13,428	91,658	1,171,751	40.
1,387,641	737,398	184,918	48,778	262,108	136,971	278,013	188,772	265,096	1,377,015	41.
1,067,316	569,560	761,493	194,634	428,568	119,309	6,673	4,621	-	888,124	42.
2,503,297	1,324,311	-	-	-	-	6,890	4,163	-	1,328,474	43.
1,458,588	785,592	2,802,091	714,542	95,000	56,000	1,354	789	1,344	1,558,267	44.
870,263	462,694	748,873	212,803	319,614	139,045	35,503	23,814	111,489	949,845	45.
122,508	85,151	42,868	13,005	-	-	-	-	392	78,548	46.
4,344,613	2,238,985	-	-	606,918	286,257	254,019	186,731	1,443,434	4,155,407	47.
625,728	326,460	-	-	328,166	176,678	67,000	50,608	271,876	625,622	48.
874,481	458,085	159,673	40,117	-	-	-	-	23,265	521,467	49.
1,956,493	998,104	103,715	41,486	447,493	256,068	21,547	24,256	17,688	1,337,602	50.
2,026,431	1,086,480	643,735	162,775	61,092	16,952	-	-	140,161	1,406,388	51.
625,758	346,667	-	-	430,794	221,568	79,071	63,915	84,217	716,365	52.
1,563,125	860,662	74,123	18,748	1,475,092	760,107	92,845	92,028	237,513	1,969,058	53.
1,878,666	970,128	-	-	-	-	-	-	2,420	972,548	54.
717,651	385,350	101,014	25,447	-	-	-	-	80	410,877	55.
711,349	385,136	160,117	40,258	-	-	-	-	29,918	455,312	56.
829,822	438,332	320,334	82,184	-	-	-	-	128	520,644	57.
961,438	566,237	146,923	56,876	103,916	50,661	456,905	311,632	247,211	1,252,617	58.
1,418,843	741,086	1,189,627	301,092	-	-	-	-	3,911	1,046,089	59.
1,380,549	727,263	1,700,663	423,345	1,352,051	389,429	320,271	238,031	269,946	2,048,014	60.



## IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - con.

## IV. MATIERES PREMIERES EMPLOYEES ET PRODUITS FABRIQUES EN 1947 - suite.

## (1) Butter and Cheese Factories - Beurreries et fromageries

No.	Province and County or District --- Province et comté ou district	Estab- lish- ments	Patrons	Milk delivered at factory	Cream delivered at factory	Amount paid for	
		--- ---	--- ---	--- ---	--- ---	--- Sommes versées pour	
		Eta- blisse- ments	Patrons	Lait livré aux fabriques	Crème livrée aux fabriques	Milk --- Lait	Cream --- Crème
		No. nomb.	No. nomb.	lb. liv.	lb. of butter-fat liv. de gras	\$	\$
	Ontario .....	763	104,678	1,931,475,149	61,915,580	47,791,407	33,675,688
1.	Algoma .....	6	2,053	3,565,190	1,195,720	142,501	643,898
2.	Brant .....	5	445	12,854,968	348,062	408,046	197,667
3.	Bruce .....	14	6,285	7,258,651	4,641,050	145,486	2,572,351
4.	Carleton .....	39	2,515	173,281,010	1,160,582	4,703,688	651,077
5.	Cochrane .....	8	550	2,607,575	280,983	67,179	148,077
6.	Dufferin .....	4	1,991	-	1,352,730	-	738,671
7.	Dundas .....	24	912	54,494,546	-	1,101,855	-
8.	Durham .....	4	1,416	-	861,153	-	442,519
9.	Elgin .....	9	1,001	23,793,806	521,514	587,033	245,023
10.	Essex .....	8	1,592	69,639,975	275,947	2,274,064	157,307
11.	Frontenac .....	31	1,648	60,157,238	490,038	1,319,435	273,463
12.	Glengarry .....	47	1,888	83,842,665	278,693	1,655,416	143,579
13.	Grenville .....	14	895	20,437,452	186,443	418,310	111,930
14.	Grey .....	15	7,285	4,079,843	4,185,199	99,669	2,279,314
15.	Haldimand .....	5	2,025	39,319,561	1,425,510	1,046,041	780,100
16.	Halton .....	3	739	-	635,773	-	349,541
17.	Hastings .....	59	4,940	97,232,378	2,276,779	1,925,648	1,231,034
18.	Huron .....	15	4,529	25,317,416	3,002,668	577,186	1,602,801
19.	Kenora-Rainy River .....	6	1,096	2,196,341	383,627	61,932	191,670
20.	Kent .....	9	3,284	14,878,115	1,701,864	475,629	943,952
21.	Lambton .....	10	2,681	21,449,700	1,842,130	604,630	1,015,222
22.	Lanark .....	26	2,611	48,565,155	1,209,696	1,047,171	667,189
23.	Leeds .....	39	1,065	68,648,024	59,547	1,405,417	31,214
24.	Lennox and Addington .....	20	1,779	64,475,611	354,594	1,216,754	184,515
25.	Lincoln .....	3	505	9,231,585	279,616	323,817	147,540
26.	Middlesex .....	18	3,676	88,461,317	2,630,432	2,052,166	1,526,716
27.	Nipissing .....	8	1,449	13,336,017	833,134	340,032	461,400
28.	Norfolk .....	2	679	19,602,500	79,592	491,884	43,962
29.	Northumberland .....	21	2,385	42,760,113	1,753,274	832,879	915,587
30.	Ontario .....	5	1,080	1,618,660	720,595	32,354	386,103
31.	Oxford .....	24	1,680	110,608,736	609,799	2,351,936	341,233
32.	Perry Sound .....	2	345	2,821,279	213,029	92,180	122,936
33.	Peel .....	5	1,081	1,412,438	761,587	47,593	401,825
34.	Perth .....	23	4,238	53,073,635	4,211,532	1,173,386	2,133,456
35.	Peterborough .....	14	1,190	18,623,643	689,489	446,429	391,073
36.	Prescott .....	56	1,763	86,174,003	122,391	1,699,686	61,961
37.	Prince Edward .....	13	1,122	39,050,710	174,518	726,657	90,794
38.	Renfrew .....	14	4,339	14,544,689	2,875,674	362,099	1,455,480
39.	Russell .....	39	1,184	55,034,286	411,638	1,082,568	221,751
40.	Simcoe .....	13	3,819	7,035,295	2,985,105	205,223	1,646,567
41.	Stormont .....	25	1,791	97,449,389	135,534	2,149,318	77,722
42.	Sudbury .....	2	260	11,391,265	93,232	419,919	53,323
43.	Thunder Bay .....	3	395	16,413,416	113,518	642,405	69,839
44.	Timiskaming .....	5	1,152	2,534,974	775,403	57,409	434,871
45.	Victoria .....	6	1,927	9,015,514	1,854,251	240,221	994,890
46.	Waterloo .....	12	2,767	39,633,563	2,232,676	973,645	1,108,109
47.	Welland .....	3	547	7,364,523	186,832	246,735	100,121
48.	Wellington .....	12	4,195	16,297,152	3,550,305	408,485	1,992,230
49.	Wentworth .....	3	493	46,062,374	147,080	1,594,460	83,426
50.	York .....	12	5,391	223,828,855	4,805,042	7,515,031	2,810,659
51.	Manitoba .....	90	37,218	167,547,132	23,323,295	4,807,181	12,332,852
52.	Brandon .....	6	3,100	3,909,128	3,216,384	110,347	1,737,806
53.	Churchill .....	1	1,150	456,753	810,812	14,446	439,579
54.	Dauphin .....	7	3,390	1,191,180	2,142,709	27,696	1,134,023
55.	Lisgar .....	5	1,886	665,463	1,274,840	13,309	620,251
56.	Macdonald .....	8	3,317	1,035,712	1,843,801	24,050	951,766
57.	Marquette .....	7	4,060	-	2,327,346	-	1,224,583
58.	Neepawa .....	4	1,519	-	1,595,486	-	804,154
59.	Portage la Prairie .....	3	1,350	2,576,177	693,424	91,683	351,001
60.	Provencher .....	20	2,598	29,512,939	782,814	676,195	415,914

FABRIQUES LAITIÈRES

IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - con.

IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947 - suite.

(1) Butter and Cheese Factories - Beurreries et fromageries

Production of Butter		Production of Cheese		Milk sold		Cream sold		Other Products Value	Total Value of Products	No.
Production du beurre		Production du fromage		Lait vendu		Crème vendue				
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Autres produits valeur	Valeur totale des produits	
Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur			
lb.	\$	lb.	\$	gal.	\$	lb. of butter-fat	\$	\$	\$	
liv.		liv.		gall.		liv. de gras				
76,048,303	40,180,783	88,964,304	22,688,285	55,554,199	31,495,566	5,747,868	6,109,872	14,790,807	115,265,315	
1,445,680	781,683	-	-	293,931	207,618	18,437	21,904	93,841	1,105,046	1.
492,344	274,305	-	-	841,413	462,196	62,699	59,189	98,999	894,689	2.
5,760,455	3,102,767	621,854	161,850	30,725	18,247	3,564	3,289	20,990	3,307,143	3.
1,390,232	772,207	4,158,376	1,031,748	7,687,284	4,417,255	445,763	619,647	2,499,528	9,340,385	4.
337,316	183,551	109,987	28,618	137,168	75,357	2,443	2,590	872	290,988	5.
1,627,587	868,234	-	-	-	-	-	-	1,487	869,721	6.
-	-	4,633,432	1,178,419	140,879	34,702	-	-	46,631	1,259,752	7.
1,057,814	521,810	-	-	-	-	-	446	921	523,021	8.
468,603	242,073	965,957	242,641	1,056,588	493,751	22,741	25,281	114,169	1,117,915	9.
274,006	151,490	-	-	5,139,547	3,255,358	330,614	494,275	536,045	4,437,168	10.
471,081	250,722	4,349,613	1,101,191	714,130	422,909	43,585	55,081	303,160	2,133,063	11.
338,560	185,556	7,296,635	1,859,803	78,779	36,342	2,534	2,569	40,375	2,114,645	12.
239,327	143,596	1,723,188	436,499	47,793	32,499	-	-	13,738	626,332	13.
5,272,381	2,836,246	4,350	1,087	80,203	39,802	32,289	20,924	32,595	2,930,654	14.
2,145,822	1,148,943	-	-	486,240	196,360	589,523	383,755	644,488	2,373,566	15.
776,897	418,518	-	-	-	-	-	-	755	419,273	16.
2,433,872	1,302,792	7,326,429	1,852,228	297,039	168,615	35,607	26,724	505,932	3,856,291	17.
4,361,393	2,234,270	665,999	166,081	94,545	31,477	35,596	26,684	180,900	2,639,412	18.
470,883	280,600	32,720	9,640	134,124	92,955	8,420	6,209	17,068	406,472	19.
2,070,628	1,070,686	-	-	1,152,039	684,105	44,729	52,868	41,708	1,849,367	20.
2,449,110	1,296,250	208,203	51,874	1,450,495	756,478	61,816	68,556	96,409	2,269,567	21.
2,144,989	1,165,182	2,374,237	602,662	171,595	91,525	84,712	58,039	316,077	2,233,485	22.
49,319	27,619	5,627,068	1,427,564	244,748	121,141	14,446	14,059	166,926	1,757,309	23.
314,542	156,490	5,643,002	1,425,782	-	-	-	-	110,895	1,693,167	24.
324,804	177,948	-	-	799,584	499,042	46,731	51,801	21,910	750,701	25.
3,136,158	1,667,370	3,990,984	1,014,236	1,391,054	700,208	69,053	82,861	2,027,927	5,512,602	26.
953,163	503,172	750,128	196,077	359,589	232,989	10,236	17,244	213,822	1,163,504	27.
819,389	432,178	-	-	46,291	14,388	87,523	52,946	238,871	738,383	28.
2,173,467	1,098,426	3,487,408	881,968	116,339	68,561	12,683	11,489	56,419	2,116,863	29.
877,723	450,261	98,860	24,543	41,899	15,594	5,913	3,132	2,332	495,862	30.
805,490	410,217	6,366,332	1,641,270	2,776,712	858,019	155,566	105,618	203,363	3,218,487	31.
253,653	144,354	-	-	214,953	124,705	10,970	11,113	1,815	281,967	32.
929,027	496,183	-	-	120,103	69,149	6,140	6,004	3,552	574,888	33.
5,325,315	2,722,929	3,497,409	909,539	533,293	257,477	191,465	137,043	109,040	4,136,028	34.
880,701	500,011	966,475	243,540	618,908	344,426	23,806	26,082	23,786	1,137,845	35.
161,569	80,962	7,559,322	1,902,205	38,641	8,970	-	-	22,540	2,014,677	36.
183,726	93,149	3,331,064	841,847	3,137	953	-	-	63,704	999,653	37.
3,738,012	1,950,397	332,035	83,109	477,232	272,192	22,586	19,330	123,174	2,448,202	38.
487,032	255,593	4,813,377	1,215,432	-	-	-	-	20,225	1,491,250	39.
3,694,402	1,982,844	142,744	36,673	471,576	289,455	21,532	19,064	228,082	2,556,118	40.
168,205	91,768	6,882,866	1,858,847	1,680,241	672,188	45,696	44,965	163,190	2,830,958	41.
90,492	48,938	-	-	962,690	616,045	57,075	65,552	13,349	743,884	42.
8,520	5,527	57,019	16,407	1,463,772	888,512	96,147	97,283	120,372	1,128,101	43.
895,677	479,910	227,188	56,797	22,240	13,496	53,982	36,822	70	587,095	44.
2,344,265	1,177,830	141,505	35,485	315,064	179,734	181,584	182,041	57,836	1,632,926	45.
3,459,541	1,751,384	571,535	150,873	597,571	327,558	51,851	52,253	525,262	2,807,330	46.
226,897	121,683	-	-	506,557	315,408	36,449	42,737	118,236	598,064	47.
4,617,567	2,510,603	7,003	1,750	280,405	175,342	193,502	122,342	282,162	3,092,199	48.
88,823	44,411	-	-	3,562,621	2,198,003	142,184	198,974	1,061,414	3,502,802	49.
3,021,844	1,547,145	-	-	17,874,462	10,724,440	2,385,230	2,781,243	3,203,845	18,256,673	50.
26,340,011	13,683,250	3,457,531	1,024,344	10,093,699	5,557,831	1,607,936	1,839,347	2,039,489	24,144,261	51.
3,792,639	2,021,277	-	-	285,097	183,212	104,237	80,761	177,451	2,462,701	52.
974,453	526,204	-	-	42,743	23,576	7,960	7,448	-	557,228	53.
2,553,634	1,326,359	73,558	22,064	39,555	10,616	12,934	7,238	609	1,366,886	54.
1,560,016	776,489	59,803	17,418	546	184	916	458	200	794,749	55.
2,242,741	1,132,897	92,498	26,328	4,904	1,500	35,595	24,651	764	1,186,140	56.
2,787,301	1,447,108	-	-	8,072	3,829	21,643	14,836	13,336	1,479,109	57.
1,911,160	967,675	-	-	-	-	12,996	8,542	11,907	968,124	58.
796,765	408,339	-	-	220,306	113,021	29,300	27,449	25,567	574,376	59.
950,272	518,166	2,666,705	787,930	216	89	6,600	2,956	16,513	1,325,654	60.



## IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - con.

## IV. MATIERES PREMIERES EMPLOYEES ET PRODUITS FABRIQUES EN 1947 - suite.

## (1) Butter and Cheese Factories - Beurreries et fromageries

No.	Province and County or District --- Province et comté ou district	Estab-	Patrons ---	Milk	Cream	Amount paid for	
		lish-		delivered	delivered	--- Sommes versées pour	
		ments	---	at	at	Milk	Cream
		---	---	factory	factory	--	--
		Estab-	Patrons	Lait	Crème	Lait	Crème
		lis-	---	livré aux	livrée aux		
		se-	---	fabriques	fabriques		
		ments	---	lb.	lb. of		
		---	---	liv.	butter-fat		
		No.	No.		liv. de gras	\$	\$
		nomb.	nomb.				
	Manitoba - concluded - fin						
1.	St. Boniface .....	4	1,095	44,906,907	855,622	1,315,405	477,523
2.	Selkirk .....	10	3,450	-	2,483,508	-	1,322,428
3.	Souris .....	3	1,450	-	1,057,657	-	549,917
4.	Springfield .....	2	406	526,324	271,919	15,059	145,738
5.	Winnipeg .....	10	8,447	82,766,549	3,966,973	2,519,011	2,158,169
6.	Saskatchewan .....	69	95,105	101,958,463	31,173,735	3,012,436	16,126,688
7.	Assiniboia .....	3	3,944	647,466	838,434	19,473	437,071
8.	Humboldt .....	2	3,567	1,161,112	602,372	29,142	322,232
9.	Kindersley .....	1	1,420	-	326,345	-	172,641
10.	Mackenzie .....	5	6,900	63,113	2,176,301	1,649	1,137,122
11.	Maple Creek .....	2	1,200	908,663	416,876	29,404	216,217
12.	Melfort .....	3	8,318	2,901,034	1,536,270	89,198	768,608
13.	Melville .....	5	6,685	-	2,403,457	-	1,210,101
14.	Moose Jaw .....	4	6,800	8,650,048	2,071,279	271,902	1,101,054
15.	North Battleford .....	4	5,763	391,817	1,458,716	12,668	760,174
16.	Prince Albert .....	9	8,699	7,280,089	2,052,197	199,975	1,070,019
17.	Qu'Appelle .....	3	1,100	-	999,931	-	515,389
18.	Regina .....	5	4,913	22,750,718	2,815,023	713,298	1,396,481
19.	Rosetown .....	1	2,318	-	612,575	-	299,835
20.	Rosthern .....	4	3,571	900,679	1,220,403	19,883	629,810
21.	Saskatoon .....	4	10,000	49,499,472	3,867,704	1,406,250	2,028,899
22.	Swift Current .....	2	2,013	1,915,918	1,759,358	64,452	930,932
23.	The Battlefords .....	5	4,399	2,346,643	2,421,772	74,463	1,256,709
24.	Weyburn .....	2	1,588	1,061,799	604,289	34,358	323,094
25.	Yorkton .....	5	11,907	1,479,892	2,990,433	46,321	1,549,284
26.	Alberta .....	106	64,954	141,377,606	27,827,791	4,132,395	14,847,812
27.	Acadia .....	4	2,628	-	990,536	-	506,573
28.	Athabaska .....	7	4,294	514,791	1,680,551	16,280	926,663
29.	Battle River .....	4	2,503	-	916,911	-	505,054
30.	Bow River .....	3	1,280	5,920,720	372,228	132,136	166,259
31.	Calgary .....	9	4,562	21,234,196	1,703,454	690,401	887,503
32.	Camrose .....	13	8,817	10,876,056	3,962,152	254,039	2,148,249
33.	Edmonton .....	6	12,543	53,721,131	5,645,992	1,743,332	2,984,844
34.	Jasper-Edson .....	4	2,078	-	1,592,916	-	863,364
35.	Lethbridge .....	6	1,663	14,651,879	860,726	414,755	445,491
36.	Macleod .....	6	891	2,743,294	514,838	61,664	258,429
37.	Medicine Hat .....	4	2,100	6,382,211	794,279	170,801	411,725
38.	Peace River .....	4	2,407	1,912,253	517,943	55,903	278,947
39.	Red Deer .....	16	6,130	11,273,778	3,054,706	285,730	1,634,748
40.	Vegreville .....	6	5,085	2,331,815	1,417,703	60,106	783,236
41.	Wetaskiwin .....	14	7,973	9,815,482	3,803,056	247,248	2,026,728
42.	British Columbia - Colombie-Britannique.	34	5,865	321,793,417	2,213,582	11,525,445	1,265,142
43.	Cariboo .....	2	143	-	129,954	-	72,588
44.	Comox-Alberni .....	1	185	3,696,939	72,468	128,976	33,836
45.	Fraser Valley .....	1	1,120	51,160,342	23,065	1,854,553	10,505
46.	Kamloops .....	2	676	350,525	469,099	12,922	228,438
47.	Kootenay .....	4	461	2,359,885	166,222	75,199	88,481
48.	Manaimo .....	2	115	2,400,937	60,891	95,612	32,274
49.	New Westminster .....	2	50	14,005,756	77,725	506,327	49,277
50.	Skeena .....	2	110	1,132,223	41,400	49,064	22,494
51.	Vancouver .....	9	1,162	205,683,532	404,199	7,301,245	272,799
52.	Victoria .....	4	307	28,365,710	206,958	1,106,243	156,028
53.	Yale .....	5	1,536	12,637,568	561,601	395,304	298,422



IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - con.

IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947 - suite.

(1) Butter and Cheese Factories - Beurreries et fromageries

Production of Butter --- Production du beurre		Production of Cheese --- Production du fromage		Milk sold --- Lait vendu		Cream sold --- Crème vendue		Other Products Value --- Autres produits valeur	Total Value of Products --- Valeur totale des produits	No.
Quantity --- Quantité	Value --- Valeur	Quantity --- Quantité	Value --- Valeur	Quantity --- Quantité	Value --- Valeur	Quantity --- Quantité	Value --- Valeur			
lb. --- liv.	\$ ---	lb. --- liv.	\$ ---	gal. --- gall.	\$ ---	lb. of butter-fat liv. de gras	\$ ---	\$ ---	\$ ---	
434,997	226,196	556,814	168,403	3,040,513	1,650,720	445,613	560,079	395,318	3,000,718	1.
3,041,073	1,523,116	-	-	-	-	6,462	4,690	341	1,528,147	2.
1,278,025	639,598	-	-	-	-	19,031	10,744	232	649,574	3.
331,438	168,704	-	-	39,685	23,811	1,300	1,245	2,101	195,861	4.
3,685,497	2,002,120	8,153	2,201	6,412,062	3,547,273	903,349	1,088,250	1,395,150	8,034,994	5.
36,350,105	18,434,572	328,092	97,385	8,054,525	3,979,889	1,244,464	1,353,715	2,255,986	26,121,547	6.
1,000,349	535,285	-	-	55,498	30,410	1,020	1,533	19,225	586,393	7.
695,193	344,707	65,546	19,197	46,901	24,788	3,583	5,842	2,870	395,404	8.
396,956	210,483	-	-	-	-	-	-	-	210,483	9.
2,571,771	1,275,977	-	-	19,416	10,921	17,916	11,835	73,339	1,372,672	10.
480,188	231,815	-	-	81,581	45,113	14,716	13,404	2,117	292,449	11.
1,823,491	869,590	-	-	308,746	122,105	43,597	43,104	431	1,035,230	12.
2,849,889	1,403,959	-	-	-	-	43,364	28,415	421,588	1,853,962	13.
2,284,452	1,145,967	-	-	772,418	437,524	87,600	120,625	326,583	2,050,699	14.
1,758,084	912,043	-	-	39,151	22,297	5,464	5,620	1,539	941,499	15.
2,420,769	1,328,886	172,740	51,288	217,424	125,082	194,201	209,758	63,824	1,778,838	16.
1,193,210	594,086	-	-	-	-	7,352	3,462	1,199	598,747	17.
2,968,732	1,467,133	-	-	2,056,558	1,191,746	287,937	381,478	599,155	3,639,312	18.
737,842	365,756	-	-	-	-	-	-	6,301	370,057	19.
1,486,287	757,818	89,806	26,900	-	-	3,371	1,328	90	786,136	20.
4,401,279	2,303,555	-	-	3,863,477	1,647,784	414,304	426,965	693,576	5,071,880	21.
2,077,018	1,031,708	-	-	159,296	91,067	18,695	23,530	9,381	1,155,706	22.
2,896,546	1,471,892	-	-	204,940	109,244	46,557	32,964	29,281	1,643,361	23.
713,518	364,889	-	-	100,542	56,283	23,554	16,488	-	437,660	24.
3,572,531	1,821,083	-	-	128,597	65,505	31,233	29,364	4,887	1,920,839	25.
32,052,332	16,409,027	3,077,906	901,163	8,282,424	4,473,187	1,551,274	1,506,838	1,795,343	25,085,558	26.
1,208,303	612,720	-	-	-	-	6,197	2,966	1,230	616,916	27.
2,045,013	1,061,525	-	-	44,752	21,257	7,396	5,661	1,009	1,089,452	28.
1,104,093	551,726	-	-	-	-	16,943	7,685	412	559,823	29.
419,950	209,280	438,381	126,890	90,221	27,594	28,574	15,534	3,513	382,811	30.
1,721,528	890,936	-	-	1,547,439	871,814	312,037	311,229	246,194	2,320,173	31.
4,804,130	2,431,888	904,398	264,923	156,058	77,044	46,631	26,960	20,235	2,821,070	32.
6,160,631	3,089,555	-	-	4,101,306	2,325,158	487,536	637,873	1,196,207	7,248,793	33.
1,943,298	998,173	-	-	-	-	4,383	2,094	475	1,000,742	34.
884,277	460,068	228,340	74,126	998,192	513,099	80,376	96,925	198,654	1,344,872	35.
604,701	315,395	209,506	64,151	58,010	30,181	19,078	9,184	-	418,911	36.
920,543	526,100	62,034	18,977	386,270	206,685	43,988	47,228	82,071	883,061	37.
599,963	308,762	36,619	10,817	133,987	63,086	20,763	20,428	8,409	411,502	38.
3,335,675	1,732,966	392,431	104,348	451,283	178,829	392,947	265,801	26,911	2,308,855	39.
1,716,493	876,324	150,282	43,837	61,874	25,583	19,272	11,573	1,210	958,327	40.
4,583,734	2,343,609	555,915	193,094	253,032	130,857	65,153	43,677	8,813	2,720,050	41.
4,439,171	2,677,315	533,300	146,642	20,037,276	11,733,440	2,336,450	2,719,063	2,391,009	19,667,469	42.
158,552	92,082	-	-	-	-	-	-	-	92,082	43.
88,331	48,216	-	-	324,705	131,995	25,129	18,994	34,018	233,223	44.
2,252,637	1,401,140	-	-	182,637	96,191	14,749	17,786	683,094	2,198,211	45.
517,148	303,562	-	-	-	-	-	-	158,301	461,863	46.
188,220	101,032	52,806	16,000	140,935	84,690	11,601	15,474	147,318	364,514	47.
73,539	40,623	-	-	188,346	94,382	64,416	46,488	2,219	183,712	48.
107,268	61,186	-	-	1,154,087	680,599	107,741	132,228	25,805	899,818	49.
47,788	26,029	-	-	99,492	64,670	5,533	6,554	2,476	101,729	50.
343,664	208,510	-	-	14,796,644	8,736,493	1,794,039	2,071,674	773,891	11,792,568	51.
-	-	-	-	2,410,467	1,477,610	268,356	362,054	505,607	2,345,271	52.
662,024	392,935	480,494	130,642	739,943	364,810	44,686	47,811	58,280	994,478	53.

## DAIRY FACTORIES

## IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - conc.

## IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947 - fin.

## (2) Concentrated Milk Factories - Fabriques de lait concentré

No.	Province and County or District --- Province et comté ou district	Estab- lish- ments ---	Patrons ---	Milk delivered at factory ---	Cream delivered at factory ---	Amount paid for --- Sommes versées pour	
		Eta- blisse- ments	Patrons	Lait livré aux fabriques	Crème livrée aux fabriques	Milk --- Lait	Cream --- Crème
		No. nomb.	No. nomb.	lb. liv.	lb. of butter-fat liv. de gras	\$	\$
1.	CANADA .....	31	15,532	915,594,579	762,718	23,623,388	455,693
2.	Quebec - Québec .....	5	3,889	202,234,069	5,584	5,386,297	3,476
3.	Ontario .....	21	9,459	617,543,428	728,506	15,375,476	434,413
4.	Nova Scotia - Nouvelle-Ecosse 1) Alberta .....	5	2,184	95,817,082	28,628	2,861,615	17,804
	British Columbia - Colombie- Britannique .....						

1/ Included with "Other Products" of Concentrated milk factories for Ontario and Quebec are the following: 1,314,793 pounds  
1/ Avec les produits des fabriques de lait concentré sont inclus pour Ontario et Québec, 1,314,793 livres de beurre, valant

## V. FUEL USED IN DAIRY FACTORIES, BY PROVINCES, 1947

## V. CONSOMMATION DE COMBUSTIBLE DES FABRIQUES LAITIÈRES, PAR PROVINCE, 1947

(1) Butter and Cheese Factories<sup>1/</sup> - Beurreries et fromageries<sup>1/</sup>

No.	Province	Quantity and Value of - Quantité et valeur du					
		Coal --- Charbon		Coke --- Coke		Gasoline --- Essence	
		tons tonnes	\$	tons tonnes	\$	gal. gall.	\$
1.	CANADA .....	172,787	1,615,414	931	12,867	4,097,876	1,337,547
2.	Prince Edward Island - Ile du Prince Edouard ...	2,471	22,919	-	-	3,933	1,430
3.	Nova Scotia - Nouvelle-Ecosse .....	3,205	33,770	-	-	136,774	46,383
4.	New Brunswick - Nouveau-Brunswick .....	2,745	31,255	-	-	90,981	32,523
5.	Quebec - Québec .....	32,816	390,716	328	4,968	936,213	312,987
6.	Ontario .....	77,322	815,079	516	7,119	1,853,555	594,490
7.	Manitoba .....	19,359	114,798	-	-	303,005	99,785
8.	Saskatchewan .....	19,364	109,316	-	-	113,809	45,074
9.	Alberta .....	14,055	80,667	-	-	216,565	72,569
10.	British Columbia - Colombie-Britannique .....	1,450	16,894	87	780	443,041	132,306

## (2) Concentrated Milk Factories - Fabriques de lait concentré

11.	CANADA .....	93,024	859,510	-	-	129,147	41,530
12.	Quebec - Québec .....	15,646	154,965	-	-	19,353	6,545
13.	Ontario .....	65,429	614,076	-	-	108,876	34,502
14.	Nova Scotia - Nouvelle-Ecosse .....1) Alberta .....	11,949	90,469	-	-	918	483
	British Columbia - Colombie Britannique .....3)						

1/ Comprising creameries, cheese factories and combined butter and cheese factories.

1/ Y compris crémèries, fromageries et beurreries-fromageries.

IV. MATERIALS USED AND PRODUCTS OBTAINED, 1947 - cont.

IV. MATIÈRES PREMIÈRES EMPLOYÉES ET PRODUITS FABRIQUÉS EN 1947 - fin.

(2) Concentrated Milk Factories - Fabriques de lait concentré

Production of condensed milk Production du lait condensé		Production of evaporated milk Production du lait évaporé		Production of milk powder Production du lait en poudre		Production of skim milk powder Production du lait écrémé		Other Products Value <sup>1/</sup> Autres produits valeur <sup>1/</sup>	Total Value of Products Valeur totale des produits	No.
Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur			
lb. liv.	\$	lb. liv.	\$	lb. liv.	\$	lb. liv.	\$	\$	\$	
28,278,824	4,428,964	207,332,207	20,183,902	9,984,657	3,691,768	17,368,762	2,413,199	11,927,518	42,645,361	1.
11,552,551	1,844,619	58,816,064	5,641,672	45,513	13,654	1,728,910	235,274	1,509,430	9,242,649	2.
16,439,433	2,528,125	106,663,174	10,373,164	9,939,144	3,678,114	15,491,185	2,157,391	10,171,327	28,908,119	3.
287,040	56,222	41,852,969	4,169,066	-	-	168,667	22,534	246,761	4,494,585	4.

of butter, value \$717,712 and 121,652 pounds of cheese, value \$31,250.  
\$717,712 et 121,652 livres de fromage, valant \$31,250.

V. FUEL USED IN DAIRY FACTORIES, BY PROVINCES, 1947

V. CONSOMMATION DE COMBUSTIBLE DES FABRIQUES LAITIÈRES, PAR PROVINCES, 1947.

(1) Butter and Cheese Factories - Beurrieries et Fromageries

Fuel used during the year - Combustible consommé durant l'année									
Fuel oil Huile combustible		Wood Bois		Electricity Electricité		Gms Gms	Other Fuel Autre combustible	Total Value Valeur totale	No.
Gal. gall.	\$	Cords cordes	\$	Kw. - H. Kw. - h.	\$	\$	\$	\$	
3,849,969	350,886	93,937	504,218	63,016,096	1,141,220	41,085	31,912	5,035,149	1.
6,682	1,074	298	2,283	366,928	7,108	-	-	54,814	2.
122,411	10,334	627	3,894	2,029,178	38,109	-	225	152,715	3.
63,566	5,014	1,916	10,901	1,841,238	31,691	1,550	609	115,543	4.
1,024,885	105,136	64,126	314,608	-	272,987	403	8,494	1,410,299	5.
1,248,388	116,325	17,018	109,066	35,586,976	375,906	2,384	17,363	2,037,732	6.
9,055	2,014	5,051	32,432	6,194,808	84,366	303	1,300	334,998	7.
46,966	3,171	2,443	15,710	5,648,984	138,996	3,011	579	315,857	8.
12,567	2,425	272	1,735	5,393,087	101,370	33,000	3,194	294,960	9.
1,315,449	105,393	2,186	13,589	5,954,897	90,687	434	148	360,231	10.

(2) Concentrated Milk Factories - Fabriques de lait concentré

849,337	78,262	190	971	9,380,716	104,063	561	1	1,084,898	11.
350	60	100	849	1,655,683	23,649	-	-	186,068	12.
791,138	72,830	90	122	7,053,211	67,855	561	1	789,945	13.
57,849	5,372	-	-	671,822	12,561	-	-	108,885	14.



## DAIRY FACTORIES

## VI. ALL PRODUCTS OF DAIRY FACTORIES, 1947

## VI. TOUS PRODUITS LAITIERS, 1947

Province	Butter --- Beurre		Cheese --- Fromage		Condensed skim milk --- Lait écrémé condensé		Skim milk powder --- Lait écrémé en poudre	
	lb. - liv.	\$	lb. - liv.	\$	lb. - liv.	\$	lb. - liv.	\$
CANADA .....	290,952,691	152,935,070	123,337,530	31,928,861	4,238,876	397,927	53,871,623	6,853,692
Prince Edward Island ..	3,657,480	2,003,373	663,854	202,558	-	-	-	-
Nova Scotia .....	6,689,566	3,752,971	-	-	-	-	-	-
New Brunswick .....	6,913,176	3,756,903	743,366	205,659	-	-	-	(a)
Quebec .....	97,370,819	51,418,404	25,447,525	6,631,595	142,167	17,543	23,409,106	2,758,934
Ontario .....	77,160,031	40,799,255	89,085,956	22,719,515	3,680,157	369,748	26,802,767	3,566,221
Manitoba .....	26,340,011	13,683,250	3,457,531	1,024,344	416,552	10,636	-	(a)
Saskatchewan .....	36,330,105	18,434,572	328,092	97,385	-	-	-	(a)
Alberta .....	32,052,332	16,409,027	3,077,906	901,163	-	-	356,965	41,000
British Columbia .....	4,439,171	2,677,315	533,300	146,642	-	-	2,853,343	420,959
Province	Condensed Milk - Lait condensé				Evaporated Milk - Lait évaporé			
	Case goods En caisses		Bulk goods En vrac		Case goods En caisses		Bulk goods En vrac	
	lb. - liv.	\$	lb. - liv.	\$	lb. - liv.	\$	lb. - liv.	\$
CANADA .....	21,931,369	3,553,303	7,141,920	984,628	205,957,127	20,088,654	5,731,467	554,610
Ile du Prince Edouard ..	-	-	-	-	-	-	-	-
Nouvelle-Ecosse .....	-	(a)	-	-	-	(a)	-	-
Nouveau-Brunswick .....	-	-	-	-	-	-	-	-
Québec .....	-	(a)	143,471	29,871	54,340,232	5,188,450	4,512,242	456,822
Ontario .....	-	(a)	6,998,449	954,757	109,763,926	10,731,138	1,219,225	97,788
Manitoba .....	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	(a)	-	-
Colombie-Britannique ..	-	-	-	-	-	(a)	-	-
Province	Milk powder --- Lait en poudre		Whey Butter --- Beurre de petit lait		Casein --- Caséine		Ice Cream --- Crème glacée	
	lb. - liv.	\$	lb. - liv.	\$	lb. - liv.	\$	gal.-gall.	\$
CANADA .....	14,171,103	5,020,619	2,226,010	1,032,537	10,109,606	2,220,747	14,089,393	18,260,344
Prince Edward Island ..	-	-	-	-	-	-	116,894	151,962
Nova Scotia .....	-	-	-	-	-	-	843,499	1,268,889
New Brunswick .....	-	-	-	-	-	-	630,484	854,463
Quebec .....	3,276,685	1,074,164	160,746	73,761	8,567,685	1,815,464	1,907,847	2,533,606
Ontario .....	10,894,418	3,946,455	1,999,239	927,960	1,325,469	340,673	5,958,091	7,867,370
Manitoba .....	-	-	40,458	19,153	-	-	1,331,257	1,585,387
Saskatchewan .....	-	-	-	-	-	-	1,304,736	1,464,521
Alberta .....	-	-	15,265	7,012	-	-	1,018,558	1,310,963
British Columbia .....	-	-	10,302	4,651	216,452	64,610	978,027	1,223,183
Province	Whole milk sold --- Lait entier vendu		Cream sold --- Crème vendue		Buttermilk sold ---	Whey cream sold ---	Sundry (c) ---	Total Value ---
	gal. --- gall.	\$	lb. of butter-fat liv. de gras ---	\$	---	---	Divers (c) ---	Valeur totale
CANADA .....	131,355,501	73,152,304	28,843,175	24,314,313	671,863	391,106	17,801,478	352,373,109
Ile du Prince Edouard ..	304,008	162,503	19,780	17,929	3,724	-	9,551	2,551,600
Nouvelle-Ecosse .....	3,447,638	1,950,072	435,279	374,424	17,865	-	827,063	8,191,284
Nouveau-Brunswick .....	2,102,998	1,266,470	268,560	234,797	2,189	-	61,808	6,382,289
Quebec .....	22,126,169	11,947,923	6,998,123	5,528,024	66,854	4,425	2,627,955	92,173,795
Ontario .....	56,678,370	31,989,628	14,293,446	10,683,177	382,854	365,379	8,431,514	144,173,432
Manitoba .....	10,093,699	5,557,831	1,607,936	1,839,347	50,012	13,401	360,900	24,144,261
Saskatchewan .....	8,054,525	3,979,889	1,244,464	1,353,715	21,521	-	769,944	26,121,547
Alberta .....	8,282,424	4,473,187	1,551,274	1,506,838	53,336	7,901	1,609,380	26,319,807
Colombie-Britannique ..	20,265,680	11,824,801	2,424,313	2,776,062	73,508	-	3,103,363	22,315,094

(a) Included in "Sundry". (b) Includes 2,241,090 lb. of green casein valued at \$304,268. (c) The total for Canada does not agree with the addition of figures for the provinces as certain items which are shown separately for Canada are included for the provinces in the classification of "Sundry".

(a) Compris avec "divers". (b) Comprend 2,241,090 livres de caséine verte évaluées à \$304,268. (c) Le total des chiffres pour les provinces n'est pas le même que le total donné pour le Canada, car certains items qui sont donnés pour le Canada sont compris sous "divers", pour les provinces.

## FABRIQUES LAITIÈRES

## VII. CLASSIFICATION OF DAIRY FACTORIES ACCORDING TO TIME IN OPERATION, 1947

## VII. CLASSEMENT DES FABRIQUES LAITIÈRES D'APRÈS LA PÉRIODE D'ACTIVITÉ, 1947

(1) Butter and Cheese Factories<sup>1/</sup> - Beurreries et fromageries<sup>1/</sup>

Province	Estab- lish- ments --- Eta- blisse- ments	Establishments operating during the year --- Etablissements exploités					240 days and over --- 240 jours et plus
		Less than 60 days --- Moins de 60 jours	From 60 to 119 days --- Entre 60 et 119 jours	From 120 to 179 days --- Entre 120 et 179 jours	From 180 to 239 days --- Entre 180 et 239 jours	240 days and over --- 240 jours et plus	
		No. nomb.	No. nomb.	No. nomb.	No. nomb.	No. nomb.	
CANADA .....	2,037	4	32	318	327	1,356	
Prince Edward Island - Ile du Prince-Edouard .....	24	-	1	6	-	17	
Nova Scotia - Nouvelle-Ecosse .....	26	-	-	-	1	25	
New Brunswick - Nouveau-Brunswick .....	31	-	-	6	4	21	
Quebec - Québec .....	894	-	15	106	150	623	
Ontario .....	763	1	14	194	165	399	
Manitoba .....	90	1	1	1	4	83	
Saskatchewan .....	69	1	1	4	1	62	
Alberta .....	106	-	-	1	1	104	
British Columbia - Colombie-Britannique .....	34	1	-	-	1	32	

## (2) Concentrated Milk Factories - Fabriques de lait concentré

CANADA .....	31	-	-	1	-	30
Quebec - Québec .....	5	-	-	-	-	5
Ontario .....	21	-	-	-	-	21
Nova Scotia - Nouvelle-Ecosse ..... 1)						
Alberta ..... 1)	5	-	-	1	-	4
British Columbia - Colombie Britannique .. 3)						

## VIII. CLASSIFICATION OF DAIRY FACTORIES ACCORDING TO FORM OF ORGANIZATION, 1947

## VIII. CLASSEMENT DES FABRIQUES LAITIÈRES D'APRÈS LE MODE D'ORGANISATION, 1947

(1) Butter and Cheese Factories<sup>1/</sup> - Beurreries et fromageries<sup>1/</sup>

Province	Estab- lish- ments --- Eta- blisse- ments	Establishments operated by --- Etablissements exploités par des			
		Individuals and Partnerships --- Particuliers et sociétés	Incorporated Companies --- Compagnies incorporées	Co-operative Associations Associations coopératives	
		No. nomb.	No. nomb.	Incorporated Incorporées	Unincorporated Non incorporées
CANADA .....	2,037	933	375	596	133
Prince Edward Island - Ile du Prince-Edouard ..	24	2	14	7	1
Nova Scotia - Nouvelle-Ecosse .....	26	8	11	7	-
New Brunswick - Nouveau-Brunswick .....	31	7	8	11	5
Quebec - Québec .....	894	431	39	354	70
Ontario .....	763	414	218	78	53
Manitoba .....	90	32	30	26	2
Saskatchewan .....	69	8	17	43	1
Alberta .....	106	26	24	55	1
British Columbia - Colombie-Britannique .....	34	5	14	15	-

## (2) Concentrated Milk Factories - Fabriques de lait concentré

CANADA .....	31	1	28	2	-
Quebec - Québec .....	5	-	5	-	-
Ontario .....	21	1	20	-	-
Nova Scotia - Nouvelle-Ecosse ..... 1)					
Alberta ..... 1)	5	-	3	2	-
British Columbia - Colombie-Britannique ... 3)					

1/ Comprising creameries, cheese factories and combined butter and cheese factories.

1/ Y compris crémeries, fromageries et beurreries - fromageries.

## DAIRY FACTORIES

## THE ICE CREAM INDUSTRY

The manufacture of ice cream in plants other than dairy factories and confectionery establishments is classified under the name of "ice cream industry". The number of plants contained in the group in 1947 was 85, distributed by provinces as follows: Nova Scotia, 5; New Brunswick, 2; Quebec, 15; Ontario, 47; Manitoba, 1; Saskatchewan, 1; Alberta, 4 and British Columbia, 10.

A separate report covering the production of ice cream in all industrial groups, is published at a later date.

The value of output of the industry in 1947 was \$8,046,328, an increase from the preceding year of \$2,719,828. The production of ice cream amounted to 5,286,924 gallons, valued at \$6,869,993, compared with 3,573,662 gallons, valued at \$4,310,532 in 1946. The industry produced, also, such miscellaneous items as: ice cream mix, ice cream novelties, chocolate and other prepared milk drinks, frozen confections, etc.

Statistics of the industry, for Canada as a whole are given in the following table. The statistics herewith presented are not included in the statistics of dairy factories.

## IX. STATISTICS OF ICE CREAM PLANTS, CANADA, 1947

## IX. STATISTIQUES DES FABRIQUES DE CREME GLACEE, CANADA, 1947

Establishments .....	No.	85	.....	Etablissements
Salaried employees -			.....	Employés à salaire -
Male .....	No.	156	.....	Hommes
Female .....	No.	56	.....	Femmes
Salaries .....	\$	388,371	.....	Salaires
Wage-earners -			.....	Employés à gages -
Male .....	No.	479	.....	Hommes
Female .....	No.	123	.....	Femmes
Wages .....	\$	851,887	.....	Gages
Power Equipment -			.....	Force motrice -
Steam engines .....	No.	1	.....	Machines à vapeur
H.P. ....		8		
Gasoline, gas and oil engines .....	No.	1	.....	Moteurs à essence, à gaz et à l'huile
H.P. ....		66		
Electric motors .....	No.	855	.....	Moteurs électriques
H.P. ....		3,339		
Boilers .....	No.	28	.....	Chaudières
H.P. ....		779		
Electricity purchased .....	\$	76,868	.....	Energie électrique
Fuel used .....	\$	82,549	.....	Combustible
Materials used -			.....	Matières premières -
Milk, fresh and skim .....	\$	758,173	.....	Lait, frais et écrémé
Milk, condensed .....	\$	66,380	.....	Lait, condensé
Milk, powdered .....	\$	278,946	.....	Lait, pulvérisé
Cream .....	\$	1,326,815	.....	Crème
Sugar .....	\$	210,641	.....	Sucre
Boxes, containers, etc. ....	\$	408,931	.....	Boîtes, récipients, etc.
All other materials used .....	\$	1,551,887	.....	Toutes autres matières premières
Total value of materials used .....	\$	4,601,773	.....	Valeur totale des matières premières
Production -			.....	Production -
Ice cream (a) .....	gal.	5,286,924	.....	Crème glacée (a)
\$ .....		6,869,993		
Other products .....	\$	1,176,335	.....	Autres produits
Total Value of Production .....	\$	8,046,328	.....	Valeur totale de la production

(a) Exclusive of that produced in Dairy Factories.

(a) Non compris la production des fabriques laitières.

## INDUSTRIE DE LA CREME GLACEE

La fabrication de crème glacée dans les établissements autres que les fabriques laitières et les confiseries est classifiée sous le nom de "industrie de la crème glacée". Le nombre d'établissements de ce groupe en 1947 est de 85 ainsi répartis entre les provinces: Nouvelle-Ecosse, 5; Nouveau-Brunswick, 2; Québec, 15; Ontario, 47; Manitoba, 1; Saskatchewan, 1; Alberta, 4; et Colombie-Britannique, 10.

Un rapport séparé sur la production de crème glacée, dans tous les groupes industriels est publié plus tard.

La valeur de la production de l'industrie en 1947 est de \$8,046,328, augmentation de \$2,719,828 sur l'année précédente. La production de crème glacée s'établit à 5,286,924 gallons d'une valeur de \$6,869,993, comparative-ment à 3,573,662 gallons d'une valeur de \$4,310,532 en 1946. L'industrie produit aussi d'autres items tels que: mélange pour crème glacée, glaces de fantaisie, lait chocolaté et autres breuvages préparés au lait, confiseries glacées, etc.

Les statistiques de l'industrie pour tout le Canada sont données dans le tableau suivant. Les chiffres présentés ici ne sont pas contenus dans les statistiques des fabriques laitières.







## P R E F A C E

Les statistiques annuelles de l'industrie laitière sont publiées par le Bureau fédéral de la statistique en collaboration avec les ministères provinciaux de l'Agriculture. Les dispositions prises en vue de cette collaboration s'étendent à toutes les provinces, mais les méthodes de celles-ci diffèrent en ce qui concerne le relevé des données. Le Bureau fédéral imprime une formule uniforme pour toutes les provinces; dans l'Île du Prince-Edouard, le Nouveau-Brunswick, la Saskatchewan, l'Alberta et la Colombie-Britannique, les formules sont distribuées et les rapports recueillis et révisés par les commissaires provinciaux de l'industrie laitière qui les communiquent ensuite au Bureau pour analyse. Les statistiques ainsi obtenues sont mises ensuite à la disposition des ministères tant fédéraux que provinciaux. En Nouvelle-Ecosse, en Ontario et au Manitoba, les formules sont distribuées et les relevés recueillis, révisés et calculés par le Bureau fédéral tandis que le ministère provincial de l'Agriculture fournit les listes des fabriques laitières. Le Bureau des Statistiques de Québec recueille et calcule les chiffres et envoie les résultats de ses calculs au Bureau fédéral; les originaux des rapports des fabriques laitières sont mis aussi à la disposition du Bureau fédéral.

Ces dispositions, tout en assurant l'uniformité des statistiques laitières publiées par les gouvernements du Dominion et des provinces, épargnent aux fabricants la nécessité de répondre à deux questionnaires.

De plus, les techniciens de la Division des produits laitiers du ministère fédéral de l'Agriculture collaborent de leurs conseils dans les détails techniques.

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FABRIQUES LAITIÈRESTABLE DES MATIÈRES

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FABRIQUES LAITIÈRES

L'INDUSTRIE LAITIÈRE AU CANADA.

L'industrie laitière est l'une des industries les plus anciennes et les plus importantes du Canada. Le système de fabriques au Canada a été introduit en 1864 lors de l'établissement de la première fromagerie canadienne; la première crèmerie à fabriquer du beurre fut fondée dans le Québec en 1873. La première écrémeuse centrifuge fut importée du Danemark en 1882 et l'Etat organisa en 1895 les services d'entrepôt frigorifique. En 1868, le Canada exporta 6,141,570 livres de fromage et 10,649,733 livres de beurre. L'exportation de fromage prit dans la suite beaucoup d'ampleur, mais celle de beurre ne fit que des progrès modestes. Les exportations de fromage atteignent leur plus haut niveau en 1904 avec 233,980,716 livres et celles de beurre, en 1903, avec 34,128,944 livres.

Le déclin dans les exportations de beurre et de fromage les années suivantes s'explique par l'accroissement de la consommation domestique qui, depuis le commencement du siècle,<sup>1/</sup> a accompagné l'expansion progressive de la population urbaine. Ce phénomène eut pour effet de stimuler la demande de lait entier et de substituer la fabrication de beurre pour consommation domestique à celle de fromage d'exportation. Il y a également eu augmentation dans la production de lait concentré qui comprend le lait condensé, le lait évaporé, la poudre de lait, etc. Le premier établissement de ce genre fut établi à Truro, N.-E., en 1883, et aujourd'hui l'on en compte trente et un.

Aide du gouvernement. - Le gouvernement fédéral, par l'entremise des ministères de l'Agriculture et du Commerce, contribue de diverses façons à encourager l'industrie laitière. La Division des produits laitiers accomplit ce travail pour le ministère fédéral de l'Agriculture. Ces principales attributions, qui consistent avant tout à aider le fermier, se partagent ainsi:

Service des marchés. - Un rapport hebdomadaire analyse la situation des marchés de Montréal, Toronto et New-York; là sont consignées toutes les transactions de marchés locaux de l'Ontario et du Québec. Les fonctionnaires provinciaux de l'industrie laitière sont informés par télégramme de l'état des marchés, de façon à pouvoir transmettre ces renseignements aux intéressés des différentes provinces. Tout individu peut profiter de ce système d'information télégraphique en acquittant les frais de la dépêche. Deux lettres sont publiées chaque mois; une sur l'industrie laitière et l'autre sur les entrepôts frigorifiques, en plus de bulletins qui paraissent à intervalles irréguliers.

Classement. - Comme le beurre et le fromage de fabrique ne peuvent être exportés sans classement préalable, des inspecteurs ont été nommés à cette fin dans divers centres du Dominion; toute province, désirant rendre obligatoire la classification du beurre destiné à la consommation domestique, peut le faire en adoptant une loi autorisant le gouvernement fédéral à appliquer le règlement 28 de sa loi sur l'industrie laitière. Ce règlement a été mis en vigueur en Colombie-Britannique et en Alberta, le 1er mai 1935; en Saskatchewan et au Manitoba, le 1er juin 1935; en Ontario, le 1er septembre 1936; dans le Québec et le Nouveau-Brunswick le 1er juin 1937.

Wagons frigorifiques. - (a) Des dispositions ont été prises pour que, de juin à septembre inclus, et sur certaines voies convergent vers Toronto, Montréal, Québec et Halifax, les expéditions d'oeufs et de beurre puissent se faire par wagons-glacières. Ces derniers sont soumis à l'inspection dès leur arrivée à destination. (b) Par suite d'une entente avec les différents chemins de fer, le fromage d'exportation s'expédie également en wagons-glacières à Montréal, Québec et Halifax.

Inspection des cargaisons. - Des inspecteurs de cargaisons sont préposés aux ports canadiens de Montréal, Québec, Vancouver et Halifax, et pendant les mois d'hiver, au port de St-John, N.-B. Un service d'inspection est aussi maintenu à Londres, Southampton, Liverpool, Manchester et Glasgow, dans le Royaume-Uni.

Surveillance des fabriques de lait condensé. - Des fonctionnaires font périodiquement la tournée de toutes les fabriques de lait condensé, évaporé ou desséché, aidant ces différentes entreprises de leurs avis techniques; ils examinent également les produits manufacturés pour se rendre compte qu'ils sont conformes aux étalons de composition et de poids.

Recherches. - Etude des imperfections dans la qualité des produits laitiers et remèdes proposés.

Service de l'utilisation du lait. - Un personnel de diététiciens expérimentés est employé à donner des démonstrations et des causeries sur la valeur du lait et de ses produits dans l'alimentation.

Subventions aux entrepôts frigorifiques. - En vertu des dispositions de la loi des entrepôts frigorifiques, le gouvernement peut s'entendre par contrat avec des personnes ou des compagnies pour subventionner la construction d'entrepôts frigorifiques publics.

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1/ En 1940, à la suite de la demande créée par la guerre, les exportations de produits laitiers se remettent à la hausse et maintiennent leur niveau élevé jusqu'en 1943 mais baissent ensuite légèrement en 1944. Les produits principaux qui se partagent cette augmentation sont le fromage et le lait condensé et évaporé.



## FABRIQUES LAITIÈRES

Primes aux producteurs primaires de lait et de gras de beurre. - Le gouvernement a recouru aux primes pour encourager le maintien ou l'augmentation durant la guerre et la période de transition de la fabrication de produits laitiers essentiels. Ces primes ont été versées sous la direction de l'Office du ravitaillement en produits agricoles alimentaires. En 1945, une prime de 10 cents la livre a été payée aux producteurs pour le gras de beurre employé dans la fabrication de beurre de crèmerie. Une prime de 20 cents le cent livres de lait utilisé dans la fabrication de fromage cheddar a été payée du 1er janvier au 30 avril 1946. Du 1er mai au 31 décembre 1946, la prime a été de 30 cents le cwt. Les producteurs de lait pour fins de concentration ont également reçu une prime à l'échelle suivante: du 1er janvier au 30 avril, 30 cents le cent livres et du 1er mai au 30 septembre, 15 cents le cent livres. La prime a été supprimée le 1er octobre 1946. Les fabricants ont agi comme agents du gouvernement pour le paiement de ces primes.

Programme de stabilisation. - Afin de contrôler l'utilisation du lait l'Office du ravitaillement en produits agricoles alimentaires a arrêté un programme de stabilisation le 1er octobre 1943. En vertu de ce programme, les fabricants et les distributeurs devaient obtenir la permission de l'Office avant de pouvoir acheter du lait ou de la crème de producteurs autres que ceux desquels ils en achetaient régulièrement avant le 30 septembre 1943. Cette régie a été discontinuée le 31 octobre 1945.

Le ministère de l'Agriculture a payé en 1947 une prime d'un cent la livre sur tout le fromage cheddar de 93 points produit au Canada, et une prime de deux cents sur le fromage de 94 points ou plus. Le ministère de l'Agriculture s'est aussi engagé ces dernières années à encourager la fusion de petites fromageries pour former des fromageries plus grandes en versant une subvention de 50 pour cent du coût de la transformation lorsque deux fromageries ou plus s'unissent.

Le prix du fromage exporté au ministère britannique des Vivres en vertu des engagements de 1947-1948 et qui était fixé d'après la base de 25 cents la livre, première qualité, f.a.b., point d'expédition à la fabrique, n'a pas été augmenté par le gouvernement canadien au-delà de la prime régulière dont il est question dans le paragraphe précédent de ce rapport. La province d'Ontario a maintenu les primes sur le fromage en 1947, mais seulement pour la période où il était requisitionné par le ministère des Vivres. La province de Québec a discontinué le versement de primes sur le fromage de première qualité le 1er décembre 1942, et ce n'est que le 1er juillet 1943 qu'elles ont été de nouveau introduites et maintenues jusqu'à la fin de l'année civile. Québec a discontinué le 1er novembre 1944.

La Commission des produits laitiers est venue en aide au marché du beurre au cours de l'année civile 1947 en achetant du beurre aux prix minimums établis. (a)

Le ministère du Commerce prête surtout son concours pour l'écoulement du fromage et du beurre sur les marchés étrangers, le contrôle des importations et la publication des statistiques.

Les renseignements relatifs à la production du lait sur les fermes canadiennes ont été réunis pour la première fois lors du recensement de 1911 (l'analyse portant sur la production de l'année 1910); une estimation toutefois avait été faite en 1900 qui établissait la production de l'année à 6,866,834,000 livres. En 1910 (recensement) la production laitière s'éleva à 9,806,741,348 livres, en 1920 (recensement) à 10,976,235,351 livres, en 1930 (recensement) à 12,854,323,094 livres et en 1940 (recensement) à 15,648,785,757, augmentation de 128 p. 100 depuis le début du siècle. La production laitière au Canada en 1947 est estimée à 17,240,788,000 livres. (b)

Les statistiques de ce rapport embrassent uniquement la production des fabriques laitières; elles ne comprennent ni le beurre ni le fromage dits "de ferme". Le recensement de 1941 indique que la production de beurre de ferme en 1940 fut de 81,701,486 livres et celle de fromage de ferme, de 808,034 livres, ces quantités représentant respectivement 24 et 0.6 p. 100 des totaux. Une estimation faite par la Branche de l'agriculture du Bureau fédéral de la Statistique établit la production de beurre de ferme en 1947 à 56,295,000 livres et celle de fromage de ferme à 740,000 livres.

Il existe des statistiques complètes sur la production des fabriques laitières depuis 1900. La valeur totale des produits laitiers s'établissait alors à \$29,731,922. En 1917, année d'inauguration des rapports annuels sur les fabriques laitières, la valeur de la production était de \$93,879,326, tandis qu'en 1947, l'année la plus récente pour laquelle les statistiques sont connues, elle s'éleva à \$352,373,109. C'est un chiffre sans précédent pour cette industrie; il dépasse par plus de \$82,067,603 le maximum de 1946.

La consommation de beurre par bouchée au Canada en 1947 est estimée à 27.96 livres, et la consommation de fromage à 5.25 livres.

Il est à propos de mentionner ici le produit appelé fromage "composé" fabriqué avec du cheddar ordinaire. Le procédé consiste essentiellement à broyer le fromage, le chauffer au bain-marie en l'agitant et le verser ensuite dans des récipients appropriés, soit directement, soit au moyen d'un dispositif spécial. La chaleur qui l'a pasteurisé en a en même temps interrompu la fermentation. Un des secrets du procédé consiste à soumettre le fromage à la chaleur voulue et empêcher le gras de tourner en huile. Le fromage est ensuite livré au marché en paquets d'une demi-livre et d'un quart de livre ou en meules. Il varie en fermeté, passant du fromage tendre au fromage passablement solide qui peut être tranché. En 1947, la production de fromage composé s'éleva à 39,387,323 livres. Les statistiques de cette industrie sont données à la page 71 du présent volume.

(a) L'exposé intitulé "Assistance du Gouvernement" est fourni par le Division des produits laitiers du ministère fédéral de l'Agriculture.

(b) La Branche de l'Agriculture du Bureau fédéral de la Statistique fait les estimations de la production de lait sur les fermes canadiennes et de la production de beurre et de fromage de ferme pour les années entre les recensements.



## FABRIQUES LAITIÈRES

## RAPPORT

## SUR LES

## FABRIQUES LAITIÈRES AU CANADA, 1947

## Introduction

L'expression "fabrique laitière" désigne toute fabrique produisant du beurre, du fromage ou du lait concentré (condensé, évaporé, en poudre, etc.). Dans les tableaux d'ensemble de ce rapport, les crémeries, les fromageries, et les beurrieres-fromageries sont considérées dans l'ensemble, et sous la rubrique générale "beurrieres et fromageries" sont données les statistiques par comté et district. Les tableaux provisoires qui constituent un résumé des principales données, par province, présentent séparément les détails de chaque catégorie de même que le total des trois. Les statistiques des condenseries sont données séparément dans les tableaux généraux et dans les tableaux provisoires. Le rapport contient également des statistiques des deux industries distinctes de la crème glacée et du fromage composé.

Beurre de crémérie et fromage de fabrique

Beurre de crémérie:- La production de beurre de crémérie au Canada en 1947 atteint 290,952,691 livres, augmentation de 19,488,292 livres ou 7 p. 100 sur l'année précédente. La valeur totale de la production de beurre en 1947 s'élève à \$152,935,070, augmentation de \$47,493,669 sur 1946. Le prix moyen par livre pour l'année est de 52.56 cents comparé à 38.4 cents en 1946. La production de chaque province proportionnellement au total est la suivante, avec les pourcentages de 1946 entre parenthèses: Québec, 33.5 (31.4); Ontario, 26.5 (25.5); Saskatchewan, 12.5 (13.7); Alberta, 11.0 (11.3); Manitoba, 9.0 (9.6); Nouveau-Brunswick, 2.4 (2.5); Nouvelle-Écosse, 2.3 (2.6); Colombie-Britannique, 1.5 (2.0); Île du Prince-Édouard, 1.5(1.4). La fabrication de beurre accuse une augmentation sur 1946 dans quatre provinces, l'Ontario, le Québec, le Manitoba et l'Alberta.

Fromage de fabrique:- (a) La production de fromage de fabrique en 1947 atteint 123,337,550 livres, diminution de 24,309,979 livres ou 16.5 p. 100 sur 1946. La valeur totale de la production s'élève à \$31,928,861. Le prix moyen par livre est de 25.89 cents. L'Ontario est la plus grande province productrice et sa production en 1947 représente 73 p. 100 du total pour le Canada. Le Québec se classe deuxième avec 20 p. 100 de la production totale tandis que les autres provinces ensemble contribuent 7 p. 100. La Nouvelle-Écosse ne fabrique pas de fromage.

Les tableaux 1 à 4 ci-après donnent la quantité, la valeur et le prix moyen du beurre de crémérie et du fromage de fabrique, par province, de 1945 à 1947, et la production, la valeur et le prix moyen la livre pour tout le Canada, de 1900 à 1947. Le tableau 4 est illustré par un graphique à la page 54.

1. PRODUCTION ET VALEUR DU BEURRE DE CRÉMÉRIE, PAR PROVINCE, 1945 - 1947.Dans les crémeries

Province	1945		1946		1947	
	liv.	\$	liv.	\$	liv.	\$
Île du Prince-Édouard ...	4,131,303	1,469,835	3,791,419	1,531,680	3,567,309	1,956,484
Nouvelle-Écosse .....	7,392,173	2,815,675	6,987,905	2,966,070	6,689,566	3,752,971
Nouveau-Brunswick .....	7,402,797	2,712,320	6,884,648	2,814,609	6,913,176	3,756,903
Québec .....	79,479,244	27,600,818	76,569,317	30,283,581	89,881,634	47,432,918
Ontario .....	72,874,802	25,847,442	64,459,852	25,533,588	71,681,853	37,961,810
Manitoba .....	26,878,314	8,960,518	25,983,369	9,675,332	26,288,827	13,657,627
Saskatchewan .....	41,074,023	13,557,793	37,025,440	13,690,093	36,330,105	18,434,572
Alberta .....	34,053,532	11,179,724	30,063,180	11,190,384	31,538,885	16,155,344
Colombie-Britannique ....	6,205,307	2,283,130	5,330,677	2,129,140	4,427,921	2,671,538
Total .....	279,491,495	96,427,255	257,095,807	99,814,477	277,319,276	145,780,167

(a) Le "cheddar canadien" compose la presque totalité de la production de fromage de fabrique. Cependant, une faible quantité de fromage, aussi classée comme fromage de fabrique, mais autre que cheddar, est fabriquée dans la province de Québec. Cette dernière production s'élève à 1,385,708 livres en 1947 et figure dans les chiffres globaux.

## FABRIQUES LAITIÈRES

## I. PRODUCTION ET VALEUR DU BEURRE DE CREMERIE, PAR PROVINCE, 1945 - 1947. - fin.

## Dans les beurreries - fromageries

Province	1945		1946		1947	
	liv.	\$	liv.	\$	liv.	\$
Île du Prince-Édouard ..	185,761	66,288	104,283	42,756	90,171	46,889
Nouveau-Brunswick .....	22,544	8,543	36,220	13,983	-	-
Québec .....	8,491,070	2,949,275	8,785,823	3,453,983	7,286,120	3,886,246
Ontario .....	3,435,958	1,205,474	3,782,544	1,490,553	4,366,450	2,218,973
Manitoba .....	126,247	41,625	75,456	28,641	51,184	25,623
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	639,385	210,151	680,577	250,601	513,447	253,683
Colombie-Britannique ...	-	-	901	373	11,250	5,777
Total .....	12,900,965	4,481,356	13,465,804	5,280,890	12,318,622	6,437,191

## Dans les fabriques de lait concentré

Province	1945		1946		1947	
	liv.	\$	liv.	\$	liv.	\$
Québec .....	90,723	28,488	-	-	203,065	99,240
Ontario .....	1,299,663	461,379	902,788	346,034	1,111,728	618,472
Total .....	1,390,386	489,867	902,788	346,034	1,314,793	717,712

## Production totale de beurre (toutes fabriques)

Province	1945		1946		1947	
	liv.	\$	liv.	\$	liv.	\$
Île du Prince-Édouard ..	4,317,064	1,536,123	3,895,702	1,574,436	3,657,480	2,003,373
Nouvelle-Écosse .....	7,392,173	2,815,675	6,987,905	2,966,070	6,689,566	3,752,971
Nouveau-Brunswick .....	7,425,341	2,720,863	6,920,868	2,828,592	6,913,176	3,756,903
Québec .....	88,061,037	30,578,581	85,355,140	33,737,564	97,370,819	51,418,404
Ontario .....	77,610,423	27,514,295	69,145,184	27,370,175	77,160,031	40,799,255
Manitoba .....	27,004,561	9,002,143	26,058,825	9,703,973	26,340,011	13,683,250
Saskatchewan .....	41,074,023	13,557,793	37,025,440	13,690,093	36,330,105	18,434,572
Alberta .....	34,692,917	11,389,875	30,743,757	11,440,985	32,052,332	16,409,027
Colombie-Britannique ...	6,205,307	2,283,130	5,331,578	2,129,513	4,439,171	2,677,315
Total .....	293,782,846	101,398,478	271,464,399	105,441,401	290,952,691	152,935,070

## 2. PRODUCTION ET VALEUR DU FROMAGE DE FABRIQUE, EN 1945 - 1947.

Province	1945		1946		1947	
	liv.	\$	liv.	\$	liv.	\$
Île du Prince-Édouard ..	955,034	222,749	672,018	168,620	590,637	180,593
Nouveau-Brunswick .....	1,068,229	238,485	917,725	206,801	743,366	205,659
Québec .....	34,296,373	6,963,848	25,163,589	5,333,155	12,555,250	3,223,405
Ontario .....	108,417,233	21,745,349	90,214,945	18,633,033	85,033,526	21,663,336
Manitoba .....	3,409,165	769,144	2,643,516	626,979	3,449,378	1,022,143
Saskatchewan .....	368,966	82,500	376,806	85,341	328,092	97,385
Alberta .....	3,473,390	783,072	2,901,166	664,380	2,711,227	793,738
Colombie-Britannique ...	748,825	157,893	63,826	14,072	52,806	16,000
Total .....	152,737,215	30,963,040	122,953,591	25,732,381	105,464,282	27,202,259

## FABRIQUES LAITIÈRES

## 2. PRODUCTION ET VALEUR DU FROMAGE DE FABRIQUE, EN 1945 - 1947, - fin

Dans les beurrieres - fromageries

Province	1945		1946		1947	
	liv.	¢	liv.	¢	liv.	¢
Île du Prince-Édouard ..	97,098	22,885	65,098	14,973	73,217	21,965
Nouveau-Brunswick .....	126,212	28,354	52,662	11,916	-	-
Québec .....	27,223,088	5,647,138	18,031,831	3,750,265	12,892,275	3,408,190
Ontario .....	6,563,518	1,322,445	4,944,770	1,041,671	3,930,778	1,024,949
Manitoba .....	449,603	124,316	534,539	126,908	8,153	2,201
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	511,770	120,237	329,604	81,639	366,679	107,425
Colombie-Britannique ...	-	-	625,326	131,910	480,494	130,642
Total .....	34,971,289	7,265,375	24,583,830	5,159,282	17,751,596	4,695,372

Dans les fabriques de lait concentré

Province	1945		1946		1947	
	liv.	¢	liv.	¢	liv.	¢
Ontario .....	219,811	43,811	110,088	22,273	121,652	31,250
Total .....	219,811	43,811	110,088	22,273	121,652	31,250

Production totale de fromage (toutes fabriques)

Province	1945		1946		1947	
	liv.	¢	liv.	¢	liv.	¢
Île du Prince-Édouard ..	1,052,132	245,632	737,116	183,593	663,854	202,358
Nouveau-Brunswick .....	1,194,441	266,839	970,387	218,717	743,366	205,659
Québec .....	61,519,461	12,610,986	43,195,420	9,083,420	25,447,525	6,631,595
Ontario .....	115,200,562	23,111,605	95,269,803	19,696,977	89,085,356	22,719,515
Manitoba .....	3,858,768	893,460	3,178,055	753,887	3,457,531	1,024,344
Saskatchewan .....	368,966	82,500	376,806	85,341	328,092	97,385
Alberta .....	3,985,160	903,309	3,230,770	746,019	3,077,906	901,163
Colombie-Britannique ...	748,825	157,893	689,152	145,982	533,300	146,642
Total .....	187,928,315	38,272,224	147,647,509	30,913,936	123,337,530	31,928,861

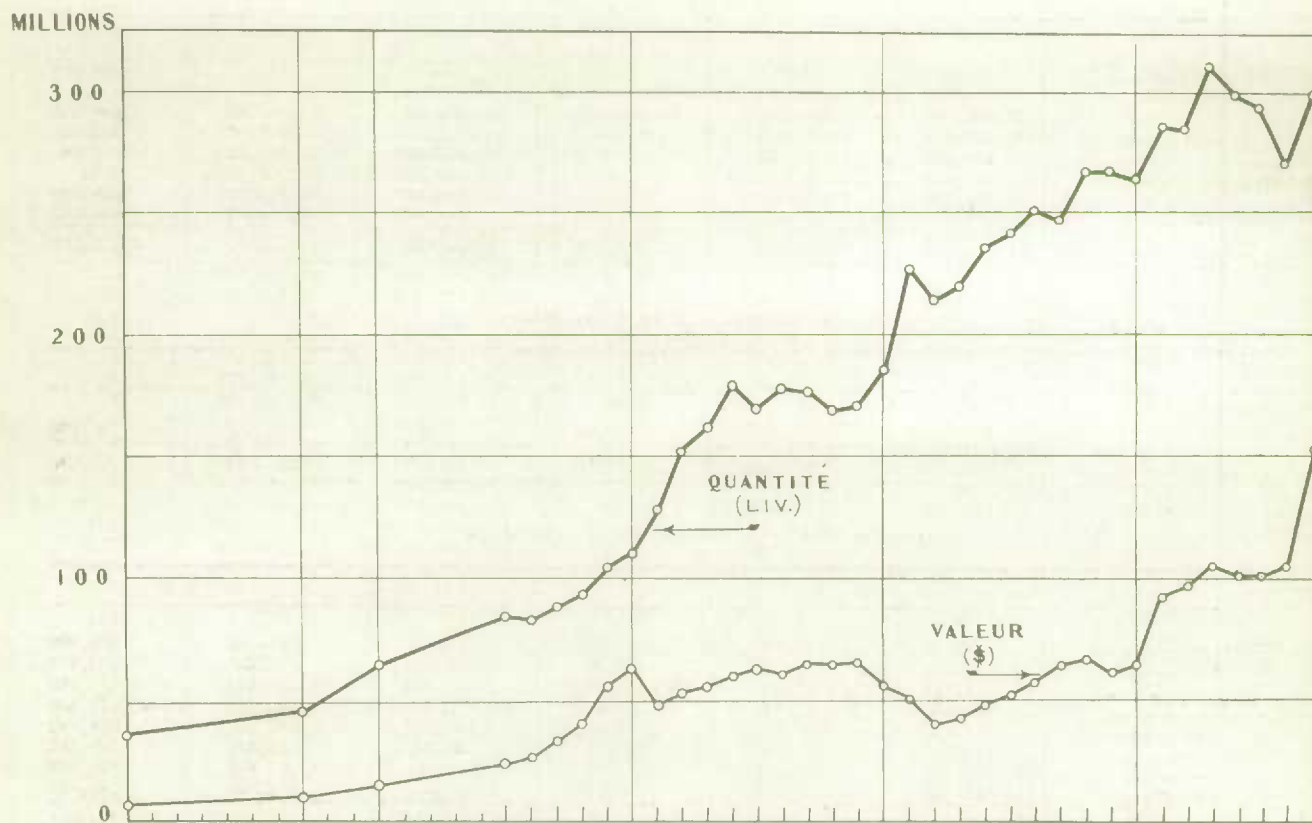
## 3. PRIX MOYEN LA LIVRE DU BEURRE DE CRÈMERIE ET DU FROMAGE DE FABRIQUE, 1945 - 1947

	Beurre de crèmerie			Fromage de fabrique		
	1945	1946	1947	1945	1946	1947
	cents	cents	cents	cents	cents	cents
Île du Prince-Édouard ..	35.58	40.41	54.77	23.35	24.91	30.51
Nouvelle-Écosse .....	38.08	42.45	56.10	-	-	-
Nouveau-Brunswick .....	36.64	40.87	54.34	22.34	22.54	27.66
Québec .....	34.72	39.53	52.81	20.50	21.03	26.06
Ontario .....	35.45	39.58	52.87	20.06	20.67	25.50
Manitoba .....	33.34	37.23	51.94	23.15	23.72	29.65
Saskatchewan .....	33.01	36.97	50.74	22.36	22.65	29.68
Alberta .....	32.83	37.21	51.19	22.67	23.09	29.24
Colombie-Britannique ...	36.79	39.94	60.03	21.09	21.18	27.49
Moyenne .....	34.51	38.84	52.56	20.36	20.94	25.89



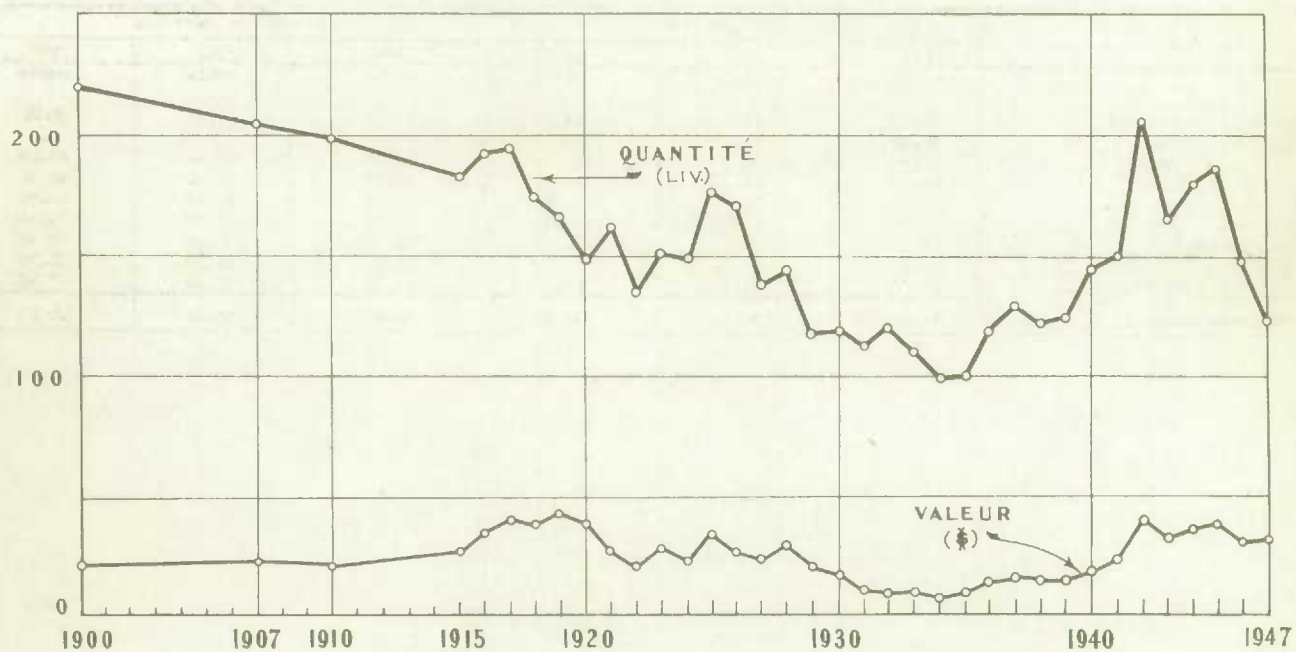
## PRODUCTION ET VALEUR DU BEURRE DE CRÉMERIE

1900, 1907, 1910 ET 1915 À 1947



## PRODUCTION ET VALEUR DU FROMAGE DE FABRIQUE

1900, 1907, 1910 ET 1915 À 1947



## FABRIQUES LAITIÈRES

## 4. PRODUCTION, VALEUR ET PRIX MOYEN LA LIVRE DU BEURRE DE CRÈMERIE ET DU FROMAGE DE FABRIQUE,

1900, 1907, 1910 ET 1915 À 1947

Année	Établissements	Beurre de crèmerie			Fromage de fabrication		
		Quantité	Valeur	Prix moyen la livre	Quantité	Valeur	Prix moyen la livre
	nombre	liv.	\$	cents	liv.	\$	cents
1900 .....	5,576	36,066,739	7,240,972	20.07	220,833,269	22,221,430	10.06
1907 .....	3,513	45,930,294	10,949,062	23.83	204,788,583	23,597,639	11.52
1910 .....	3,625	64,489,398	15,597,807	24.18	199,904,205	21,587,124	10.79
1915 .....	3,513	83,991,453	24,385,052	29.03	183,887,837	27,097,176	14.73
1916 .....	3,446	82,564,130	26,966,355	32.66	192,968,597	35,512,622	18.40
1917 .....	3,418	87,526,939	34,274,218	39.15	194,904,336	41,180,623	21.12
1918 .....	3,373	93,298,348	41,859,156	44.86	174,878,313	39,456,532	22.56
1919 .....	3,282	103,890,707	56,371,985	54.26	166,421,871	44,586,168	26.79
1920 .....	3,161	111,691,718	63,625,203	56.96	149,201,856	39,100,872	26.20
1921 .....	3,114	128,744,610	48,135,439	37.38	162,117,494	28,710,030	17.70
1922 .....	3,095	152,501,900	53,453,282	35.05	135,821,116	21,824,760	16.06
1923 .....	3,007	162,834,608	56,873,510	34.93	151,624,376	28,645,192	18.89
1924 .....	2,933	178,893,937	60,494,826	33.82	149,707,530	24,201,923	16.17
1925 .....	3,012	169,494,967	63,008,097	37.17	177,139,113	36,571,556	20.65
1926 .....	3,047	177,209,287	61,753,390	34.85	171,731,631	28,807,841	16.77
1927 .....	2,899	176,978,947	65,709,986	37.13	138,056,908	25,522,148	18.49
1928 .....	2,833	168,027,039	64,702,538	38.51	144,584,619	30,494,463	21.09
1929 .....	2,797	170,810,230	65,929,782	38.60	118,746,286	21,471,330	18.08
1930 .....	2,724	185,751,061	56,670,504	30.51	119,105,203	18,089,870	15.19
1931 .....	2,702	225,955,246	50,198,878	22.22	113,956,639	12,824,695	11.25
1932 .....	2,734	214,002,127	40,475,479	18.91	120,524,243	11,379,922	9.44
1933 .....	2,716	219,232,546	43,546,109	19.86	111,146,493	11,127,984	10.01
1934 .....	2,653	234,852,961	48,168,592	20.51	99,346,617	9,797,588	9.86
1935 .....	2,610	240,918,799	52,228,133	21.68	100,427,390	10,570,309	10.53
1936 .....	2,595	250,931,777	57,662,160	22.98	119,123,483	15,565,813	13.07
1937 .....	2,592	247,056,746	64,217,332	25.99	130,625,838	17,965,123	13.75
1938 .....	2,552	267,347,271	66,534,568	24.89	123,971,308	16,809,861	13.56
1939 .....	2,551	267,612,546	61,748,399	23.07	125,475,359	15,311,782	12.20
1940 .....	2,509	264,723,669	64,908,981	24.52	145,338,538	19,911,205	13.70
1941 .....	2,452	285,848,196	93,199,557	32.60	151,865,538	24,277,037	16.29
1942 .....	2,404	284,591,372	97,740,910	34.34	206,935,464	41,734,246	19.95
1943 .....	2,340	311,709,476	105,103,734	33.72	165,527,733	33,550,326	20.27
1944 .....	2,308	298,777,262	101,534,710	33.98	181,117,830	36,659,129	20.24
1945 .....	2,270	293,782,846	101,398,478	34.51	187,928,315	38,272,224	20.36
1946 .....	2,194	271,464,399	105,441,401	38.84	147,647,509	30,913,936	20.94
1947 .....	2,068	290,952,691	152,935,070	52.56	123,337,530	31,928,861	25.89

**Lait concentré.** - Les articles qui paraissent sous cette rubrique sont divisés en deux sections, i.e., les produits concentrés de lait entier et les sous-produits concentrés du lait. La production de lait entier concentré atteint 254,945,435 livres, contre 241,188,718 livres en 1946. Le principal article de ce classement est le lait évaporé, dont la production s'élève à 211,688,594 livres. La production de lait entier condensé arrive en deuxième lieu avec 29,073,289 livres. Les sous-produits s'établissent à 76,837,017 livres comparativement à 59,113,958 livres en 1946. La valeur de tous les articles réunis en 1947 est de \$40,321,591, dont \$30,206,400 pour les produits de lait entier et \$10,115,191 pour les sous-produits. La valeur totale de la production en 1947 accuse une augmentation de \$7,641,074 sur l'année précédente. Pour les prix moyens de tous les articles qui composent le lait entier concentré et les sous-produits, voir tableau 6 de la page suivante.

L'Ontario est le centre de cette industrie et compte 21 des 31 établissements exploités durant l'année. Les autres établissements se répartissent comme il suit, par province: Nouvelle-Écosse, 1; Québec, 5; Alberta, 1; et Colombie-Britannique, 3. Il importe de remarquer que les crémeries produisent une petite quantité de lait concentré qui paraît dans le tableau qui suit avec la production des fabriques de lait concentré. Dans les tableaux d'ensemble de ce rapport, les établissements de lait concentré sont indiqués dans un groupe distinct par rapport aux beurrieres et aux fromageries.

## FABRIQUES LAITIÈRES

## 5. PRODUITS CONCENTRÉS DU LAIT, 1945 - 1947.

Produits concentrés du lait entier	1945		1946		1947	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
	liv.	\$	liv.	\$	liv.	\$
Lait entier condensé (sucré)						
En caisses .....	21,171,534	2,677,282	23,984,486	3,287,272	21,931,369	3,553,303
En vrac .....	7,528,600	895,961	7,019,539	854,976	7,141,920	984,628
Lait entier évaporé (non sucré)						
En caisses .....	199,232,086	15,738,217	194,925,311	16,146,896	205,957,127	20,088,654
En vrac .....	676,091	55,423	1,264,813	85,817	5,731,467	554,610
Lait entier en poudre						
Procédé vaporisateur ..	11,233,861	3,920,072	10,888,974	4,303,267	10,506,517	3,777,758
Procédé cylindre .....	2,100,397	538,624	3,089,775	907,085	3,664,586	1,242,861
Crème en poudre .....	7,927	3,635	15,820	7,668	12,449	4,586
Total .....	242,010,496	23,829,214	241,188,718	25,592,981	254,945,435	30,206,400
Sous-produits concentrés du lait	1945		1946		1947	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
	liv.	\$	liv.	\$	liv.	\$
Lait écrémé condensé ...	3,993,884	288,035	3,390,119	289,543	4,238,876	397,927
Lait écrémé évaporé ....	2,009,300	80,810	3,004,042	117,123	3,781,462	184,463
Lait écrémé en poudre						
Procédé vaporisateur ..	13,521,820	1,540,607	15,471,638	1,908,900	19,052,176	2,693,673
Procédé cylindre .....	23,072,774	2,513,028	26,635,767	2,960,812	34,819,447	4,160,019
Lait de beurre condensé	252,414	8,247	387,234	21,849	379,802	12,999
Lait de beurre en poudre	3,503,549	309,861	3,710,560	341,637	3,950,039	366,740
Caséine .....	5,616,515	1,075,908	6,027,646	1,328,093	10,109,606 (a)	2,220,747 (a)
Sucre de lait .....	643,277	136,088	486,952	121,579	505,609	78,623
Total .....	52,513,533	5,952,584	59,113,958	7,087,536	76,837,017	10,115,191

## 6. PRIX MOYEN, LA LIVRE, DES PRODUITS CONCENTRÉS DU LAIT, 1941 - 1947.

	1941	1942	1943	1944	1945	1946	1947
	cents	cents	cents	cents	cents	cents	cents
Produits concentrés du lait entier							
Lait entier condensé -							
En caisses .....	10.78	11.92	12.43	12.35	12.65	13.71	16.20
En vrac .....	10.01	10.16	11.63	11.59	11.81	12.18	13.79
Lait entier évaporé -							
En caisses .....	6.99	7.78	7.98	7.72	7.90	8.28	9.75
En vrac .....	5.18	6.16	7.50	8.91	8.20	6.78	9.68
Lait entier en poudre -							
Procédé vaporisateur ..	29.50	31.39	32.46	37.02	34.90	39.52	35.96
Procédé cylindre .....	23.95	21.89	24.69	26.36	25.64	29.36	33.92
Crème en poudre .....	50.88	51.98	49.97	45.86	45.86	48.47	36.85
Sous-produits concentrés du lait							
Lait écrémé condensé ....	6.36	7.08	6.95	7.85	7.21	8.54	9.39
Lait écrémé évaporé .....	3.06	3.82	3.86	3.99	4.02	3.90	4.87
Lait écrémé en poudre -							
Procédé vaporisateur ..	9.47	10.94	11.70	11.48	11.39	12.34	14.14
Procédé cylindre .....	7.83	9.40	10.87	10.86	10.89	11.12	11.95
Lait de beurre condensé ..	2.93	3.46	3.34	3.70	3.27	5.64	3.42
Lait de beurre en poudre	7.17	8.27	8.90	8.67	8.84	9.21	9.28
Caséine .....	15.02	20.04	20.94	20.93	19.16	22.00	24.36
Sucre de lait .....	15.50	26.72	26.00	25.00	21.16	24.97	15.55

(a) Comprend 2,241,090 livres de caséine verte évaluées à \$304,268 et éliminées dans le calcul de prix de la caséine au tableau 8.



FABRIQUE LAITIÈRES

**Produits divers des fabriques laitières:**- Ce groupe comprend la crème glacée, le mélange pour crème glacée, le lait entier et la crème vendue tels quels, le lait chocolaté et divers autres produits. La production de crème glacée dans les fabriques laitières en 1947 s'établit à 14,089,393 gallons d'une valeur de \$18,260,344. Il faut ajouter à cette quantité une production de 5,286,924 gallons d'une valeur de \$6,869,993 classée séparément dans l'industrie de la crème glacée et dont les statistiques sont données à la page 44 du présent rapport, et 1,633,403 gallons d'une valeur de \$2,198,713 dans l'industrie de la confiserie, du cacao et du chocolat (a), ce qui donne un total pour les trois quantités réunies de 21,009,720 gallons d'une valeur de \$27,329,050 comparativement à 13,775,934 gallons d'une valeur de \$16,956,139 en 1946. La valeur du lait vendu comme tel est de \$73,152,304 et de la crème, \$24,314,313. Les chiffres des ventes de lait et de crème proviennent surtout des rapports des laiteries urbaines; ces laiteries s'occupent d'abord de la distribution de lait et de crème, mais fabriquent aussi du beurre et de la crème glacée. Elles sont donc classées comme crémeries et figurent au recensement annuel des fabriques laitières.

Le tableau suivant donne la quantité et la valeur des différentes variétés de produits sortis des fabriques laitières de 1945 à 1947.

7. PRODUITS DIVERS DES FABRIQUES LAITIÈRES, 1945 - 1947.

Produits	1 9 4 5		1 9 4 6		1 9 4 7	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
Beurre de petit lait ..... liv.	2,804,727	889,220	2,477,945	904,753	2,226,010	1,032,537
Crème glacée (x) ..... gall.	10,008,609	12,388,485	9,106,139	11,234,332	14,089,393	18,260,344
Lait vendu ..... gall.	122,963,545	50,733,117	130,804,849	60,813,505	131,355,501	73,152,304
Crème vendue (liv. de gras de beurre) .....	19,731,770	14,755,809	24,478,500	19,147,074	28,843,175	24,314,313
Lait chocolaté ..... gall.	3,572,516	1,789,197	3,567,354	1,942,562	2,723,301	1,749,234
Mélange pour crème glacée .. gall.	1,224,000	1,351,469	961,400	1,087,411	1,574,052	2,010,304
Fromage cottage ..... liv.	4,243,119	479,740	5,571,803	606,312	5,002,108	680,564
Fromage de lait écrémé ..... liv.	-	-	-	-	-	-
Lait de beurre vendu .....	-	556,899	-	611,218	-	671,863
Crème de petit lait .....	-	353,936	-	370,380	-	391,106
Lait écrémé vendu .....	-	252,706	-	364,378	-	472,616
Divers .....	-	5,981,466	-	4,187,527	-	3,791,556
Total .....	-	89,532,044	-	101,269,652	-	126,526,741

(x) Voir aussi la production des établissements de crème glacée, page 44.

VALEUR GLOBALE DE LA PRODUCTION

La valeur de la production des fabriques laitières en 1947 atteint \$352,373,109, soit le plus haut niveau jamais atteint par cette industrie. L'augmentation de la valeur globale de la production est de \$82,067,603 ou de 30 p. 100 sur 1946. La valeur de tous les produits réunis (beurre, fromage, lait concentré, crème glacée, etc.) représente 72 p. 100 de la valeur totale de la production des fabriques; le 28 p. 100 qui reste est la valeur du lait et de la crème, de la crème de petit lait, du lait écrémé et du lait de beurre vendus comme tels.

ÉTABLISSEMENTS ET PATRONS

**Établissements.** - La tendance à la centralisation dans l'industrie résulte en une diminution presque constante du nombre de fabriques laitières au regard d'une augmentation de la production et partant, d'une hausse de la valeur moyenne de la production par établissement. En 1917, le nombre de fabriques laitières exploitées était de 3,418; en 1927, il est de 2,899. En 1947, il tombe à 2,068. Dans l'intervalle, la valeur moyenne de la production par établissement passe de \$27,466 en 1917 à \$170,393 en 1947. Le nombre de fabriques exploitées en 1947 comprend 1,143 crémeries, 741 fromageries, 153 beurrieres-fromageries et 31 condenseries.

**Patrons.** - Le nombre de patrons (fermiers qui fournissent le lait et la crème aux fabriques laitières) en 1947, est de 447,302, comparativement à 424,321 en 1946. Ces chiffres sont basés sur les relevés des fabriques le 1er juillet chaque année.

(a) Rapport publié par la section des manufactures, division du recensement de l'industrie et du commerce.

## FABRIQUES LAITIÈRES

Le tableau suivant donne le nombre d'établissements et de patrons, par province, de 1945 à 1947.

## 8. ÉTABLISSEMENTS ET PATRONS, 1945 - 1947

## Établissements

Province	Crémèries			Fromageries			Beurreries - fromageries			Total		
	1945 nomb.	1946 nomb.	1947 nomb.	1945 nomb.	1946 nomb.	1947 nomb.	1945 nomb.	1946 nomb.	1947 nomb.	1945 nomb.	1946 nomb.	1947 nomb.
Île du Prince-Édouard .....	18	16	15	9	9	8	2	1	1	29	26	24
Nouvelle-Écosse .....	27	26	26	-	-	-	-	-	-	27	26	26
Nouveau-Brunswick .....	24	23	23	10	8	8	1	1	-	35	32	31
Québec .....	541	543	567	315	234	197	156	147	130	1,012	974	894
Ontario .....	266	263	261	547	524	484	20	18	18	833	805	763
Manitoba .....	68	67	67	22	21	22	2	2	1	92	90	90
Saskatchewan .....	64	63	63	7	6	6	-	-	-	71	69	69
Alberta .....	88	89	89	15	15	15	3	3	2	106	107	106
Colombie-Britannique .....	34	32	32	2	1	1	-	1	1	36	34	34
Total .....	1,130	1,122	1,143	927	868	741	184	173	153	2,241	2,163	2,037

Province	Fabriques de lait concentré		
	1945 nomb.	1946 nomb.	1947 nomb.
Nouvelle-Écosse .....	1	1	1
Québec .....	3	5	5
Ontario .....	21	21	21
Alberta .....	1	1	1
Colombie-Britannique .....	3	3	3
Total .....	29	31	31

## Patrons

Province	Crémèries			Fromageries		
	1945 nomb.	1946 nomb.	1947 nomb.	1945 nomb.	1946 nomb.	1947 nomb.
Île du Prince Édouard .....	6,775	6,651	6,434	857	696	616
Nouvelle-Écosse .....	14,292	14,649	15,686	-	-	-
Nouveau-Brunswick .....	11,588	10,799	11,396	446	330	260
Québec .....	66,213	69,577	75,931	11,097	9,333	5,509
Ontario .....	75,698	80,247	79,457	23,933	22,413	21,342
Manitoba .....	38,051	37,003	35,804	1,705	1,481	1,414
Saskatchewan .....	67,552	65,906	94,851	354	259	254
Alberta .....	63,361	66,136	62,769	1,519	1,331	1,051
Colombie-Britannique .....	6,607	5,973	5,523	254	20	20
Total .....	350,137	356,941	387,851	40,165	35,863	30,466

Province	Beurreries - fromageries			Toutes fabriques de beurre et de fromage		
	1945 nomb.	1946 nomb.	1947 nomb.	1945 nomb.	1946 nomb.	1947 nomb.
Île du Prince Édouard .....	377	220	180	8,009	7,567	7,230
Nouvelle-Écosse .....	-	-	-	14,292	14,649	15,686
Nouveau-Brunswick .....	40	30	-	12,074	11,159	11,656
Québec .....	12,388	10,835	7,938	89,698	89,745	89,378
Ontario .....	3,543	4,084	3,879	103,174	106,744	104,678
Manitoba .....	211	257	-	39,967	38,741	37,218
Saskatchewan .....	-	-	-	67,906	66,165	95,105
Alberta .....	1,639	1,391	1,134	66,519	68,888	64,954
Colombie-Britannique .....	-	277	322	6,861	6,270	5,865
Total .....	18,198	17,094	13,453	408,500	409,898	431,770

8. ETABLISSEMENTS ET PATRONS, 1945 - 1947 - fin

## Patrons

Province	Fabriques de lait concentré		
	1945	1946	1947
	nomb.	nomb.	nomb.
Ontario .....	8,956	8,775	9,459
Québec .....	3,022	3,519	3,889
Nouvelle-Écosse .....	2,150	2,129	2,184
Alberta .....			
Colombie-Britannique .....			
TOTAL .....	14,128	14,423	15,532

LAIT ET CRÈME LIVRES AUX FABRIQUES

Lait. - La quantité de lait livrée aux fabriques laitières en 1947 s'établit à 4,860,742,352 livres, augmentation de 32,635,486 livres ou 0.7 p. 100 sur l'année précédente. Voici comment se répartit la quantité totale entre les divers genres de fabriques: aux crémèries, 49 p. 100; aux fromageries, 27 p. 100; aux beurreries-fromageries, 5 p. 100; et aux condenseries, 19 p. 100.

Crème. - La quantité de crème livrée aux fabriques se mesure selon sa teneur en gras de beurre. En 1947, la quantité globale de gras de beurre dans la crème s'élève à 224,405,280 livres, augmentation de 10,112,576 livres sur 1946. Les crémèries ont reçu 96 p. 100 de la quantité totale de gras de beurre, les beurreries-fromageries, 3.6 p. 100 et les condenseries, 0.4 p. 100.

Équivalence en lait des livraisons globales de lait et de crème. - L'équivalent en lait des quantités de lait et de gras de beurre dans la crème livrée aux fabriques en 1947 est de 11,272,321,752 livres comparativement à 10,950,755,552 livres en 1946. Pour convertir en lait la teneur en gras de beurre de la crème, on emploie la proportion de 3.5 livres de gras par 100 livres de lait.

La majeure partie du lait (y compris l'équivalent en lait de la crème) est employée dans la fabrication, mais une quantité considérable sert aussi au commerce de la crème et du lait frais. En 1947, la fabrication de beurre, de fromage, de lait concentré et autres produits absorbe 91 p. 100 de l'équivalent en lait des livraisons de lait et de crème aux fabriques, tandis que le lait et la crème vendus comme tels absorbent les 9 p. 100 qui restent.

Le tableau suivant donne, par province, les quantités de lait et de crème livrées durant l'année 1947 avec statistiques comparables pour 1945 et 1946.

9. LIVRAISONS DE LAIT ET CRÈME AUX FABRIQUES LAITIÈRES, 1945 - 1947

Province	Lait livré aux crémèries			Lait livré aux fromageries		
	1945	1946	1947	1945	1946	1947
	liv.	liv.	liv.	liv.	liv.	liv.
Île du Prince-Édouard ..	2,053,722	1,883,926	1,851,679	10,310,976	7,190,116	6,319,153
Nouvelle-Écosse .....	46,405,269	42,494,452	41,928,457	-	-	-
Nouveau-Brunswick .....	25,133,298	24,324,533	22,236,789	11,879,552	10,286,853	8,125,078
Québec .....	599,845,341	621,912,718	838,911,136	376,429,733	296,168,340	151,948,161
Ontario .....	745,135,467	792,690,715	827,733,026	1,288,859,144	1,122,778,642	1,046,513,277
Manitoba .....	108,954,321	122,685,529	117,585,388	51,358,578	41,590,597	49,384,091
Saskatchewan .....	81,389,999	92,725,396	98,661,534	4,117,630	3,920,949	3,296,929
Alberta .....	89,499,912	99,509,543	103,529,496	42,163,587	37,692,384	33,446,029
Colombie-Britannique ..	289,465,876	330,551,015	315,258,554	6,716,218	653,800	560,455
TOTAL .....	1,987,883,205	2,128,777,827	2,367,696,059	1,791,835,418	1,520,281,681	1,299,593,173



## 9. LIVRAISONS DE LAIT ET CRÈME AUX FABRIQUES LAITIÈRES, 1945 - 1947 - suite.

Province	Lait livré aux beurreries-fromageries			Lait livré à toutes les fabriques de beurre et de fromage		
	1 9 4 5	1 9 4 6	1 9 4 7	1 9 4 5	1 9 4 6	1 9 4 7
	liv.	liv.	liv.	liv.	liv.	liv.
Île du Prince-Édouard ..	3,395,337	3,052,082	2,879,465	15,760,035	12,126,124	11,050,297
Nouvelle-Écosse .....	-	-	-	46,405,269	42,494,452	41,928,457
Nouveau-Brunswick .....	1,354,675	548,388	-	38,367,525	35,159,774	30,361,867
Québec .....	327,086,689	222,402,575	206,796,088	1,303,361,763	1,140,483,633	1,197,635,385
Ontario .....	79,137,007	64,544,558	57,228,846	2,113,131,618	1,980,013,915	1,931,475,149
Manitoba .....	5,306,186	6,228,995	577,653	165,619,085	170,505,121	167,547,132
Saskatchewan .....	-	-	-	85,507,629	96,646,345	101,958,463
Alberta .....	6,693,651	5,018,862	4,402,081	138,357,150	142,220,789	141,377,606
Colombie-Britannique ...	-	5,519,742	5,974,408	296,182,094	336,724,557	321,795,417
TOTAL .....	422,973,545	307,315,202	277,858,541	4,202,692,168	3,956,374,710	3,945,147,773

Province	Lait livré aux fabriques de lait concentré		
	1 9 4 5	1 9 4 6	1 9 4 7
	liv.	liv.	liv.
Ontario .....	571,975,131	580,346,176	617,543,428
Québec .....	161,459,007	192,451,520	202,234,069
Nouvelle-Écosse .....	-	-	-
Alberta .....	109,201,691	98,934,460	95,817,082
Colombie-Britannique ...	-	-	-
TOTAL .....	842,635,829	871,732,156	915,594,579

Province	Crème livrée aux crémèries			Crème livrée aux beurreries-fromageries		
	1 9 4 5	1 9 4 6	1 9 4 7	1 9 4 5	1 9 4 6	1 9 4 7
	liv. de gras	liv. de gras	liv. de gras	liv. de gras	liv. de gras	liv. de gras
Île du Prince-Édouard ..	3,374,516	3,092,703	2,915,564	182,029	104,031	94,960
Nouvelle-Écosse .....	6,675,328	6,117,499	5,956,559	-	-	-
Nouveau-Brunswick .....	6,314,903	5,926,326	6,106,292	18,602	30,042	-
Québec .....	54,400,252	52,899,213	58,154,842	5,610,611	6,045,364	3,960,362
Ontario .....	60,044,234	53,096,104	58,477,906	2,829,065	3,059,128	3,437,674
Manitoba .....	23,731,736	22,906,248	23,272,966	113,077	98,389	50,329
Saskatchewan .....	34,557,827	31,460,520	31,173,735	-	-	-
Alberta .....	28,823,456	25,875,600	27,391,630	541,252	573,998	436,161
Colombie-Britannique ...	2,575,264	2,111,506	2,203,673	-	857	9,909
TOTAL .....	220,497,516	203,485,719	215,653,167	9,294,636	9,911,809	7,989,395

Province	Crème livrée à toutes les fabriques de beurre et de fromage		
	1 9 4 5	1 9 4 6	1 9 4 7
	liv. de gras	liv. de gras	liv. de gras
Île du Prince-Édouard ..	3,556,545	3,196,734	3,010,524
Nouvelle-Écosse .....	6,675,328	6,117,499	5,956,559
Nouveau-Brunswick .....	6,333,505	5,956,368	6,106,292
Québec .....	60,010,863	58,944,577	62,115,204
Ontario .....	62,873,299	56,155,232	61,915,580
Manitoba .....	23,844,813	23,004,637	23,323,295
Saskatchewan .....	34,557,827	31,460,520	31,173,735
Alberta .....	29,364,708	26,449,598	27,827,791
Colombie-Britannique ...	2,575,264	2,112,363	2,213,582
TOTAL .....	229,792,152	213,397,528	223,642,562

## 9. LIVRAISONS DE LAIT ET CRÈME AUX FABRIQUES LAITIÈRES, 1945 - 1947 - fin

Province	Crème livrée aux fabriques de lait concentré		
	1945	1946	1947
	liv. de gras	liv. de gras	liv. de gras
Ontario .....	675,368	838,164	728,506
Québec .....	-	14,150	5,584
Nouvelle-Écosse .....			
Alberta .....	66,992	42,862	28,628
Colombie-Britannique .....			
<b>TOTAL .....</b>	<b>742,360</b>	<b>895,176</b>	<b>762,718</b>

## SOMMES VERSÉES AUX PATRONS

Les fabriques ont versé à leurs patrons en 1947, pour le lait et la crème livrés, la somme de \$251,891,811, augmentation de \$64,222,824 sur l'année précédente. Ce montant est réparti entre les divers groupes d'établissements de la façon suivante: aux patrons de crémeries, \$191,056,945 ou 76 p. 100; aux patrons de fromageries, \$26,340,018 ou 11 p. 100; aux patrons de beurreries-fromageries, \$10,415,767 ou 4 p. 100; et aux patrons de condenseries, \$24,079,081 ou 9 p. 100. Le prix moyen payé par les fabriques pour le lait en 1947 est de \$2.63 le cent livres, soit le même qu'en 1946, et pour la crème, de 55 cents la livre de gras de beurre, contre 41 cents l'année précédente.

Le tableau suivant donne les sommes globales payées aux patrons par les divers groupes de fabriques, tandis que le tableau 4, page 52 donne séparément les montants payés pour le lait et la crème.

## 10. SOMMES PAYÉES AUX PATRONS, 1945 - 1947.

Province	Des crémeries			Des fromageries		
	1945	1946	1947	1945	1946	1947
	\$	\$	\$	\$	\$	\$
Île du Prince-Édouard ..	1,342,946	1,368,399	1,776,495	178,580	135,679	144,989
Nouvelle-Écosse .....	4,067,227	3,910,519	4,915,299	-	-	-
Nouveau-Brunswick .....	3,076,818	3,211,224	4,352,665	216,235	192,997	190,820
Québec .....	32,251,972	36,058,655	56,881,023	6,134,237	4,853,110	3,206,914
Ontario .....	39,158,407	41,655,072	57,658,931	19,901,085	17,860,257	20,780,527
Manitoba .....	10,516,773	11,789,969	15,904,863	941,408	851,023	1,187,971
Saskatchewan .....	13,448,785	14,196,800	19,066,377	68,140	66,289	72,741
Alberta .....	11,610,465	12,366,867	17,890,116	713,685	655,116	744,749
Colombie-Britannique ...	8,772,607	10,402,915	12,611,176	131,499	10,484	11,307
<b>TOTAL .....</b>	<b>124,246,000</b>	<b>134,960,420</b>	<b>191,056,945</b>	<b>28,284,869</b>	<b>24,624,955</b>	<b>26,340,018</b>
Province	Des beurreries-fromageries			Total		
	1945	1946	1947	1945	1946	1947
	\$	\$	\$	\$	\$	\$
Île du Prince-Édouard ..	139,390	113,038	146,608	1,660,916	1,617,116	2,068,092
Nouvelle-Écosse .....	-	-	-	4,067,227	3,910,519	4,915,299
Nouveau-Brunswick .....	32,783	23,360	-	3,325,836	3,427,581	4,543,485
Québec .....	7,337,561	6,099,146	6,680,877	45,723,770	47,010,911	66,768,814
Ontario .....	2,266,874	2,275,456	3,027,637	61,326,366	61,790,785	81,467,095
Manitoba .....	151,332	161,140	47,199	11,609,513	12,802,132	17,140,033
Saskatchewan .....	-	-	-	13,516,925	14,263,089	19,139,118
Alberta .....	307,462	322,486	345,342	12,631,612	13,344,469	18,980,207
Colombie-Britannique ...	-	108,624	168,104	8,904,106	10,522,023	12,790,587
<b>TOTAL .....</b>	<b>10,235,402</b>	<b>9,103,250</b>	<b>10,415,767</b>	<b>162,766,271</b>	<b>168,688,625</b>	<b>227,812,730</b>

## FABRIQUES LAITIÈRES

10. SOMMES PAYÉES AUX PATRONS, 1945 - 1947 - fin

Province	Des fabriques de lait concentré		
	1 9 4 5	1 9 4 6	1 9 4 7
	\$	\$	\$
Ontario.....	11,827,054	12,365,300	15,809,889
Québec .....	3,470,305	4,190,570	5,389,773
Nouvelle-Écosse .....	2,530,222	2,424,492	2,879,419
Alberta .....			
Colombie-Britannique .....			
TOTAL .....	17,827,581	18,980,362	24,079,081

Employés: - Le nombre global d'employés de l'industrie laitière en 1947 est de 22,326 et le montant payé en salaires et gages, de \$35,062,174. Le groupe des "employés à salaire" comprend les gérants, les surintendants, les employés professionnels et de bureau, les vendeurs itinérants, les chefs fabricants et les secrétaires, et le propriétaire s'il occupe lui-même un emploi dans l'établissement. Ce groupe en 1947 comprend un nombre global de 6,102 employés et le montant des salaires est de \$9,067,791. Le groupe des employés à gages comprend principalement les aides, les livreurs, les journaliers et les manoeuvres. Le nombre total d'employés à gages en 1947 est de 16,224, avec gages au montant de \$25,994,383. Les statistiques de ces deux groupes sont données, par province, ainsi qu'un état du nombre d'employés à gages par mois, au tableau II, page 30.

Le tableau suivant donne le nombre global d'employés et le montant des salaires et gages, par province, pour chacune des années de 1945 à 1947.

11. PERSONNEL, SALAIRES ET GAGES, 1945 - 1947

## Beurreries et fromageries

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	Personnel	Salaires et gages	Personnel	Salaires et gages	Personnel	Salaires et gages
	nomb.	\$	nomb.	\$	nomb.	\$
Île du Prince-Édouard ..	145	148,269	146	160,534	156	189,781
Nouvelle-Écosse .....	556	710,650	540	767,041	572	884,990
Nouveau-Brunswick .....	388	491,609	390	493,114	429	585,608
Québec .....	4,446	5,222,713	4,224	5,277,863	4,714	6,427,061
Ontario .....	8,220	12,079,364	8,381	12,763,218	8,743	14,329,556
Manitoba .....	1,543	2,301,275	1,545	2,506,876	1,612	2,690,311
Saskatchewan .....	1,471	1,883,670	1,464	2,006,632	1,485	2,241,745
Alberta .....	1,469	2,017,574	1,525	2,169,841	1,577	2,421,091
Colombie-Britannique ...	1,197	2,009,330	1,444	2,523,122	1,469	2,635,602
TOTAL .....	19,435	26,864,454	19,659	28,668,241	20,757	32,405,745



FABRIQUES LAITIÈRESII. PERSONNEL, SALAIRES ET GAGES, 1945 - 1947 - fin

## Fabriques de lait concentré

Province	1 9 4 5		1 9 4 6		1 9 4 7	
	Personnel	Salaires et gages	Personnel	Salaires et gages	Personnel	Salaires et gages
	nomb.	\$	nomb.	\$	nomb.	\$
Ontario .....	995	1,537,890	1,005	1,621,763	1,100	1,878,899
Québec .....	295	410,877	300	420,240	302	523,889
Nouvelle-Écosse .....	168	250,241	161	245,441	167	253,641
Alberta .....						
Colombie-Britannique ...						
Total .....						

Mode d'organisation: - Le groupe le plus considérable, dans ce classement, est celui des fabriques exploitées par des particuliers ou des sociétés, lequel comprend 934 établissements. La méthode coopérative appliquée aux fabriques laitières gagne sans cesse en popularité et 731 établissements ont adopté ce mode d'organisation. Québec en compte le plus grand nombre, soit 424 établissements, tandis que l'Ontario vient en second avec 131 établissements. Le dernier groupe de ce classement par mode d'organisation comprend les fabriques exploitées par des corporations et compte 403 établissements. Tableau VIII, page 43.

Revue de l'industrie: - Le tableau suivant résume les principales statistiques de fabriques laitières depuis 1917 (première année de cette publication) jusqu'à 1947.

## 12. STATISTIQUES PRINCIPALES DES FABRIQUES LAITIÈRES AU CANADA, 1917 A 1947.

Année	Nombre de fabriques	Capital engagé \$	Personnel nomb.	Salaires et gages \$	Nombre de patrons	Sommes payées aux patrons \$	Valeur de la production \$
1917 .....	3,418	19,628,001	10,346	5,447,346	248,683	73,863,845	93,879,326
1918 .....	3,373	23,131,620	10,155	6,221,457	252,416	83,637,391	107,340,850
1919 .....	3,282	28,388,026	10,716	7,629,997	275,060	107,412,542	135,196,602
1920 .....	3,161	33,345,305	11,072	8,968,089	276,693	113,550,718	146,336,491
1921 .....	3,114	35,257,831	11,155	9,211,093	312,369	81,422,226	111,924,017
1922 .....	3,095	36,824,319	11,156	9,351,329	313,792	76,477,009	104,972,046
1923 .....	3,007	39,120,207	10,160	9,935,414	347,854	89,141,332	120,120,390
1924 .....	2,933	41,585,586	10,818	10,857,300	319,489	86,804,735	122,027,181
1925 .....	3,012	44,307,558	11,334	11,518,198	317,762	101,862,487	138,282,226
1926 .....	3,047	47,091,589	12,069	12,398,490	330,382	95,649,253	133,353,076
1927 .....	2,899	50,805,132	11,960	12,181,080	310,822	97,157,214	135,910,930
1928 .....	2,833	53,552,319	12,257	12,809,102	286,334	103,871,580	144,373,614
1929 .....	2,797	57,098,215	12,746	13,826,891	291,156	98,697,129	141,389,997
1930 .....	2,724	58,588,836	12,830	14,138,308	295,148	84,316,659	126,623,532
1931 .....	2,702	59,962,028	12,744	13,242,910	324,652	65,123,884	104,482,400
1932 .....	2,734	57,394,575	12,653	12,188,314	315,494	51,755,921	86,105,802
1933 .....	2,716	62,687,651	13,814	13,292,075	334,349	54,237,558	87,218,311
1934 .....	2,653	66,297,796	15,039	13,885,756	342,175	63,692,616	100,214,532
1935 .....	2,610	63,204,699	15,493	14,709,373	357,717	70,279,177	108,031,155
1936 .....	2,595	65,065,535	16,260	15,577,826	376,158	81,430,788	121,220,193
1937 .....	2,592	65,479,625	17,385	16,592,911	385,146	92,924,842	136,182,878
1938 .....	2,552	68,410,385	18,171	17,451,566	395,719	96,234,311	140,849,356
1939 .....	2,551	68,491,248	18,302	17,556,727	393,653	89,265,218	135,812,795
1940 .....	2,509	70,620,847	18,934	18,644,425	401,886	100,034,908	151,509,541
1941 .....	2,452	75,819,909	19,999	21,094,542	412,388	140,868,275	201,661,441
1942 .....	2,404	76,940,167	20,666	23,803,237	409,351	167,693,655	236,098,998
1943 .....	2,340	79,371,725	20,473	25,586,837	423,086	174,212,541	243,843,220
1944 .....	2,308	-	19,931	27,367,049	422,210	176,699,302	248,806,528
1945 .....	2,270	-	20,893	29,063,462	422,628	180,593,852	258,984,544
1946 .....	2,194	-	21,125	30,955,685	424,321	187,668,987	270,305,506
1947 .....	2,068	-	22,326	35,062,174	447,302	251,891,811	352,373,109

EQUIVALENCE APPROXIMATIVE EN POIDS DU LAIT ET DE LA CRÈME

- 3.5 livres de gras de beurre par 100 livres de lait.  
 14 livres de crème par 100 livres de lait.  
 1 gallon de lait pèse 10.3 livres.  
 25 livres de gras de beurre par 100 livres de crème.  
 1 gallon de crème pèse 10 livres.  
 1 livre de gras de beurre par 1.2 livre de beurre.

Rendement par 100 livres de lait

	Livres
Fromage .....	8.93
Beurre .....	4.27
Lait condensé (sucré) .....	43.86
Lait évaporé (non sucré) .....	45.05
Lait en poudre .....	13.48
Crème en poudre .....	4.77
15.71 livres de lait par gallon de crème glacée.	





**BUREAU FEDERAL DE LA STATISTIQUE**  
**MINISTERE DU COMMERCE**

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**FABRIQUES LAITIERES**

**1947**

(Préparée en collaboration avec les ministères fédéral et provinciaux)

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Publié par ordre du très hon. C. D. Howe  
Ministre du Commerce

Préparé dans la Section des produits animaux  
de la Division de l'industrie et du commerce  
Bureau fédéral de la statistique, Ottawa



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**1947**

UNE  
PUBLICATION  
DU **B.F.S.**

