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STATISTICS
OF
DAIRY FACTORIES
1938

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PREFACE

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 the provinces a uniform schedule is printed by the Dominion Bureau; for the Maritime and Prairie Provinces and for British Columbia the schedules are distributed and the returns collected and revised by the provincial dairy 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 Ontario, the schedules are distributed and the returns collected and compiled by the Dominion Bureau, the provincial Department of Agriculture furnishing the lists of dairy factories and its officers rendering assistance in securing dilatory returns. 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.

R. H. COATS,
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DOMINION BUREAU OF STATISTICS,
OTTAWA, January 4, 1940.

CONTENTS

	PAGE
The Dairying Industry of Canada.....	5
Introduction—	
Production and Value of Creamery Butter and Factory Cheese, 9; Chart showing Production and Value of Creamery Butter and Factory Cheese, 13; Concentrated Milk Products, 12; Miscellaneous Products, 14; Total Value of Production, 15; Establishments and Patrons, 15; Deliveries of Milk and Cream, 17; Amounts Paid to Patrons, 19; Capital Invested, 20; Employees and Wages, 21; Form of Organization of Dairy Factories, 21; Classification of Butter and Cheese Factories According to Quantity of Product, 21; Imports and Exports, 22; Table for the conversion of weights of milk and cream, 23.	

Introductory Tables

1. Production and Value of Creamery Butter by Provinces, 1936, 1937 and 1938.....	10
2. Production and Value of Factory Cheese by Provinces, 1936, 1937 and 1938.....	11
3. Average Price per lb. of Creamery Butter and Factory Cheese, 1936, 1937 and 1938.....	11
4. Production, Value and Average Price per lb. of Creamery Butter and Factory Cheese, 1900, 1907, 1910 and 1915 to 1938.....	12
5. Concentrated Milk Products, 1936, 1937 and 1938.....	12
6. Average Price per lb. of Concentrated Milk Products, 1933 to 1938.....	14
7. Miscellaneous Products of Dairy Factories, 1936, 1937 and 1938.....	15
8. Establishments and Patrons, 1936, 1937 and 1938.....	16
9. Deliveries of Milk and Cream to Dairy Factories, 1936, 1937 and 1938.....	18
10. Amounts Paid to Patrons of Dairy Factories, 1936, 1937 and 1938.....	20
11. Capital Invested in Dairy Factories, 1936, 1937 and 1938.....	20
12. Employees and Salaries and Wages, 1936, 1937 and 1938.....	21
13. Principal Statistics of the Dairy Factory Industry, 1917 to 1938.....	22

General Tables

I. General Summary of Statistics of Dairy Factories, 1938.....	24
(1) Butter and Cheese Factories, 24; (2) Concentrated Milk Factories, 30.	
II. Capital Invested in Dairy Factories, 1938.....	32
(1) Butter and Cheese Factories, 32; (2) Concentrated Milk Factories, 35.	
III. Labour Statistics of Dairy Factories, 1938.....	36
(1) Butter and Cheese Factories, 36; (2) Concentrated Milk Factories, 42.	
IV. Quantities and Values of Materials Used and Products Obtained, 1938.....	44
(1) Butter and Cheese Factories, 44; (2) Concentrated Milk Factories, 50.	
V. Miscellaneous Statistics of Dairy Factories, 1938.....	52
(1) Butter and Cheese Factories, 52; (2) Concentrated Milk Factories, 58.	
VI. Power Equipment of Dairy Factories, by Provinces, 1938.....	60
VII. Fuel Used in Dairy Factories, by Provinces, 1938.....	62
VIII. All Products of Dairy Factories, 1938.....	64
IX. Classification of Dairy Factories According to Time in Operation, 1938.....	65
X. Classification of Dairy Factories According to Form of Organization, 1938.....	65
XI. Classification of Butter and Cheese Factories According to Quantity of Product, 1938.....	66
XII. Number of Dairy Factories, Classified by Kind of Product, 1938.....	67
XIII. Statistics of Ice Cream Plants, 1938.....	71
XIV. Statistics of Processed Cheese Plants, 1938.....	72
XV. Exports of Canadian Dairy Products by Principal Countries, 1934-1938.....	73
XVI. Total Exports of Canadian Dairy Products, by Quantities and Values, 1901-1938.....	78
XVII. Imports into Canada for Consumption of Dairy Products, by Principal Countries, 1934-1938.....	79
XVIII. Historical Table showing Canada's Imports of Butter in the Fiscal Years, 1868-1939.....	81
XIX. Butter and Cheese Production in Various Countries.....	83
XX. Trade in Butter and Cheese of Principal Importing and Exporting Countries.....	83

THE DAIRYING INDUSTRY OF CANADA

Dairying is one of the oldest and one of the most important of Canadian industries. The permanent establishment of cattle in Canada dates from about the year 1608, when Champlain brought a few head to the colony at Quebec. Cattle were placed in Acadia in 1632, and by 1671, according to a census of that year, the number had increased to 866. Butter and cheese making were introduced by the early French colonists who had brought from their native land a knowledge of the art, and who soon were able to produce sufficient quantities for home requirements. With the arrival of the United Empire Loyalists in the years 1783-4-5 the art of butter and cheese making was extended to Upper Canada and dairying commenced to occupy a fixed place in the commercial life of the country. Early records show that in 1801 there was a surplus of butter at Kingston, Ontario, and that some was exported to the United States. It was not until 1864, however, when the factory system was introduced that dairying entered upon the era of development, which has placed it in the forefront of the industries of Canada. A little later came the introduction of the centrifugal cream separator, which revolutionized work in the factories, and, together with the facilities afforded by improved methods of cold storage, assisted in bringing the dairying industry into its modern position.

The first Canadian cheese factory was established in Ontario in 1864, 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. Since then the exports of both cheese and butter have decreased. Trade statistics for the twelve months ended December 31, 1938, show exports of 80,989,100 pounds of cheese and 3,893,400 pounds of butter.

The decline in the exports of cheese and butter 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 milk condensing plant was established at Truro, N.S., in 1883, and there are now in Canada twenty-four plants for the manufacture of concentrated milk, with an output value in 1938 of \$13,190,013.

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 and Manchester in the United Kingdom. Supervision of Condenseries.—An official visits regularly all plants manufacturing condensed, evaporated and dried milk, and renders 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 dietitians 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. (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, and in 1930 (census) to 12,854,323,094 pounds, an increase since the beginning of the century of 87 per cent. The production of milk in Canada in 1938 is estimated at 15,770,235,900 pounds. (b).

(a) The foregoing statement concerning 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.

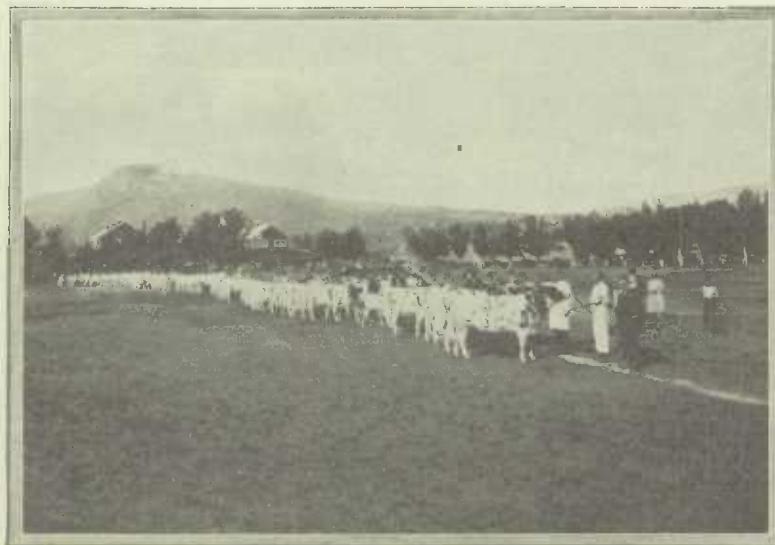
The statistics in this report relate solely to the production of dairy factories; they do not include butter made on the farm and known as "dairy butter" and home-made cheese. The Census of 1931 showed that the production of dairy butter in 1930 was 99,903,903 pounds, and of home-made cheese, 812,998 pounds, these quantities representing respectively 35 and 0.7 per cent of the totals. (a).

Complete statistics of the production of dairy factories date from 1900, when the total value of the products was \$29,731,922. In 1938, the value of production was \$140,849,356, an amount more than four times as great as the value at the beginning of the century.

The per capita consumption of butter in Canada in 1938 is estimated at 31.83 pounds, and the consumption of cheese at 3.62 pounds.

Mention might here be made of a form of specially prepared cheese which is used extensively in Canada. This product is termed "Processed" cheese and 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 into the proper receptacles, 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 the soft cheese to the fairly solid cheese which can be sliced. In 1938 the production of processed cheese amounted to 14,189,496 pounds, an increase over the preceding year of 1,539,500 pounds. The 1938 production is the largest recorded since 1930, in which year it totalled 14½ million pounds. Statistics of the processed cheese industry for the year 1938 are given at page 72 of the present volume.

(a) 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.



Capt. Dunwaters' herd of Ayrshires from Fintry, B.C., at the Armstrong Fair, North Okanagan, B.C.



A creamery in the northern part of Manitoba.



Holsteins in Grande Prairie District near Walhalla, Alta.

REPORT
ON THE
DAIRY FACTORIES OF CANADA, 1938

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 contains also statistics of the separately classified ice cream and processed cheese industries.

Creamery Butter and Factory Cheese

Creamery Butter.—Canada is one of the great butter producing countries of the world. In the annual output of creamery butter this dominion occupies seventh place with regard to all countries and third place among the countries of the British Empire.¹ Almost the entire Canadian output is required for home consumption, and the exports, consequently, have become negligible. In 1938 the total amount of creamery butter produced by Canadian dairy factories was 267,347,271 pounds. This is a new high for the industry, and it exceeds the production of the previous record year (1936) by 16,415,494 pounds or 7 per cent. Ontario and Quebec are the principal producers: the output of the former province in 1938 represented 32.8 per cent of the total Canadian product, and of the latter, 29.83 per cent. The other provinces contributed to the total output as follows: Alberta, 11.7 per cent; Manitoba, 9.6 per cent; Saskatchewan, 8.8 per cent; Nova Scotia, 2.5 per cent; British Columbia, 2.1 per cent; New Brunswick, 1.7 per cent; and Prince Edward Island, 1.0 per cent. The total value of the output, amounting to \$66,534,568, also establishes a high record to date, but the average price per pound dropped from 25.99 cents in 1937 to 24.89 cents in the year under review. In the early months of the year 1938 prices were above those of the corresponding months of 1937, but a definite change took place in July, and in the following months prices were below the 1937 averages.

Factory Cheese.—After recording increases for three consecutive years the make of cheese in Canadian factories in 1938 shows a reduction from the preceding year of 6,654,530 pounds, or 5 per cent. The total production in 1938 was 123,971,308 pounds. Ontario, Quebec and the Maritime provinces record greatly reduced makes, while the Prairie provinces and British Columbia show considerable increases. The cheese making industry is centred chiefly in Ontario, where the output represents 70.7 per cent of the total for Canada. Quebec's output represents 23.0 per cent, the make of the Prairie provinces, combined, 5.0 per cent, of Prince Edward Island and New Brunswick, combined, 0.8 per cent, and of British Columbia, 0.5 per cent. No factory cheese is produced in Nova Scotia. Little variation in the average factory price per pound has been recorded during the past three years: in 1936 the average was 13.07 cents; in 1937, 13.75 cents, and in 1938, 13.56 cents. The wholesale

¹ Table XIX—Butter and Cheese Production in Various Countries.

price line throughout the season of 1938 followed closely that of 1937 until the beginning of November, when it dropped sharply and closed the year at a point some 3 cents below the price at the same date in 1937. Canada's record year for production was 1900, but the highest average factory price per pound was realized in 1919 when it went to 26.79 cents, or nearly double the present price.

Tables 1 to 4, which follow, give the quantity, value and average price per pound of creamery butter and factory cheese, by provinces, for the years 1936 to 1938, and the production, value and average price per pound, for Canada as a whole, in the years 1900 to 1938. Table 4 is illustrated by the chart on page 13.

1. Production and Value of Creamery Butter, 1936, 1937 and 1938

PRODUCTION OF BUTTER IN CREAMERIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island.....	2,068,065	503,987	2,131,508	571,970	2,557,447	656,774
Nova Scotia.....	5,754,887	1,454,663	5,874,068	1,677,460	6,716,643	1,864,848
New Brunswick.....	3,502,529	851,088	3,623,787	952,143	4,481,458	1,151,471
Quebec.....	62,879,285	14,529,540	66,487,367	17,402,378	74,276,397	18,220,823
Ontario.....	80,845,129	19,319,565	74,992,170	20,319,786	80,389,564	21,155,107
Manitoba.....	22,772,693	4,821,993	24,104,023	5,889,224	25,533,493	6,122,096
Saskatchewan.....	23,000,437	4,861,134	23,571,938	5,686,510	22,924,165	5,188,555
Alberta.....	24,026,364	5,190,856	24,256,309	5,947,663	29,735,291	6,808,167
British Columbia.....	3,429,199	876,067	3,356,968	986,432	5,568,517	1,504,072
Total.....	228,278,588	52,408,893	228,398,138	59,333,566	252,183,475	62,672,083

PRODUCTION OF BUTTER IN COMBINED FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
New Brunswick.....	11,607,739	2,647,124	8,070,556	2,087,625	—	40,067
Quebec.....	4,291,962	1,009,462	4,704,910	1,257,727	5,481,556	1,356,101
Ontario.....	238,363	51,375	239,462	65,212	4,675,246	1,271,021
Manitoba.....	1,097,100	234,048	—	—	170,191	43,541
Saskatchewan.....	1,464,741	310,911	2,067,253	495,444	600,095	132,550
Alberta.....	2,384,396	506,099	1,877,246	525,629	1,507,066	349,457
Total.....	21,084,301	4,819,019	16,959,427	4,431,637	12,474,221	3,162,940

PRODUCTION OF BUTTER IN CONCENTRATED MILK FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Ontario.....	1,568,888	404,248	1,699,181	452,129	2,689,575	699,545
Total.....	1,568,888	404,248	1,699,181	452,129	2,689,575	699,545

PRODUCTION OF BUTTER IN ALL FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island.....	2,068,065	503,987	2,131,508	571,970	2,557,447	656,774
Nova Scotia.....	5,754,887	1,454,663	5,874,068	1,677,460	6,716,643	1,864,848
New Brunswick.....	3,502,529	851,088	3,623,787	952,143	4,481,458	1,151,471
Quebec.....	74,487,024	17,176,664	74,557,923	19,390,003	79,758,453	19,577,024
Ontario.....	86,705,979	20,733,275	81,396,261	22,029,642	87,754,385	23,125,733
Manitoba.....	23,011,056	4,873,368	24,343,485	5,954,436	25,703,684	6,105,637
Saskatchewan.....	24,097,537	5,095,182	23,571,938	5,686,510	23,524,260	5,321,115
Alberta.....	25,491,105	5,501,767	26,323,562	6,443,107	31,242,357	7,157,624
British Columbia.....	5,813,595	1,472,166	5,234,214	1,512,061	5,568,517	1,504,072
Total.....	250,931,777	57,662,160	247,056,746	64,217,332	267,347,271	66,531,568

DAIRY FACTORIES

11

2. Production and Value of Factory Cheese, 1936, 1937 and 1938

PRODUCTION OF CHEESE IN CHEESE FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island.....	296,354	42,112	461,583	64,705	449,957	62,528
New Brunswick.....	419,022	58,918	597,162	84,668	489,354	68,267
Quebec.....	15,451,811	1,981,836	19,183,883	2,622,651	18,246,969	2,404,378
Ontario.....	81,176,063	10,589,749	84,573,362	11,655,511	78,289,019	10,616,941
Manitoba.....	2,073,786	266,485	2,840,792	383,718	3,183,817	426,331
Saskatchewan.....	325,071	46,227	343,449	50,709	336,606	48,306
Alberta.....	1,004,292	130,080	1,375,068	198,704	2,020,123	285,699
British Columbia.....	152,588	24,729	227,218	40,982	590,781	91,361
Total.....	100,898,987	13,140,136	109,602,517	15,081,618	103,606,626	14,001,311

PRODUCTION OF CHEESE IN COMBINED FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
New Brunswick.....	—	—	—	—	63,235	8,148
Quebec.....	9,924,070	1,325,014	11,178,596	1,505,617	10,322,155	1,418,465
Ontario.....	6,870,248	901,875	9,082,489	1,266,889	8,831,156	1,214,593
Manitoba.....	66,979	7,503	83,081	11,055	160,385	21,792
Saskatchewan.....	186,924	26,039	—	—	82,798	11,667
Alberta.....	447,443	60,389	463,521	69,098	431,698	62,705
British Columbia.....	318,136	48,675	3,840	653	—	—
Total.....	17,813,800	2,369,195	20,811,527	2,853,312	19,891,427	2,737,370

PRODUCTION OF CHEESE IN CONCENTRATED MILK FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Ontario.....	410,696	56,182	211,794	30,163	473,255	68,180
Total.....	410,696	56,182	211,794	30,163	473,255	68,180

PRODUCTION OF CHEESE IN ALL FACTORIES

Province	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Prince Edward Island.....	296,354	42,112	461,583	64,705	449,957	62,528
New Brunswick.....	419,022	58,918	597,162	84,668	552,589	76,415
Quebec.....	25,375,881	3,306,850	30,362,479	4,128,268	28,569,124	3,822,843
Ontario.....	88,457,007	11,547,800	93,867,645	12,932,563	87,593,430	11,899,714
Manitoba.....	2,140,765	273,988	2,923,873	394,773	3,344,202	418,123
Saskatchewan.....	511,995	72,266	343,449	50,709	419,404	59,973
Alberta.....	1,451,735	190,469	1,838,589	267,802	2,451,821	348,404
British Columbia.....	470,724	73,404	231,058	41,635	590,781	91,861
Total.....	119,123,483	15,565,813	130,625,838	17,965,123	123,971,308	16,869,861

3. Average Price per pound of Creamery Butter and Factory Cheese, 1936, 1937 and 1938

Province	Creamery Butter			Factory Cheese		
	1936		1937	1936		1938
	cents	cents	cents	cents	cents	cents
Prince Edward Island.....	24.37	26.83	25.68	14.21	14.02	13.90
Nova Scotia.....	25.28	28.56	27.76	—	—	—
New Brunswick.....	24.47	26.27	25.69	14.06	14.18	13.83
Quebec.....	23.06	26.01	24.55	13.03	13.59	13.38
Ontario.....	23.91	27.06	26.35	13.05	13.78	13.59
Manitoba.....	21.18	24.46	23.99	12.80	13.50	13.40
Saskatchewan.....	21.14	24.12	22.62	14.11	14.76	14.30
Alberta.....	21.58	24.48	22.01	13.12	14.57	14.21
British Columbia.....	25.32	28.89	27.01	15.59	18.02	15.55
Average.....	22.98	25.99	24.89	13.07	13.75	13.56

DAIRY FACTORIES

4. Production, Value and Average Price per pound of Creamery Butter and Factory Cheese, 1900, 1907, 1910, and 1915 to 1938

Year	Dairy Factories	Creamery Butter			Factory Cheese		
		Quantity	Value	Average price per lb.	Quantity	Value	Average price per lb.
1900	no.	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	10,949,082	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	82,514,130	26,966,355	32·66	192,968,597	35,512,622	18·40
1917	3,418	87,526,933	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	55,371,955	54·26	166,421,871	44,586,168	25·79
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	50,873,510	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	16·47
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	2,707	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	2,703	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	2,505	250,981,777	57,062,160	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

Concentrated Milk.—This classification covers concentrated whole milk products and by-products and embraces such items as condensed and evaporated milk, powdered milk, condensed and evaporated skim milk, skim milk powder, buttermilk powder, casein, etc. Production as a whole has steadily advanced since the industry was first established, and in 1938 the value of output reached a total of \$11,844,817. In the early period of the industry, condensed milk comprised the bulk of the output, but the main item in late years has been evaporated milk. In 1938 the value of evaporated milk made in the factories represented 64 per cent of the total value of all concentrated milk products. Another important item is skim milk powder.

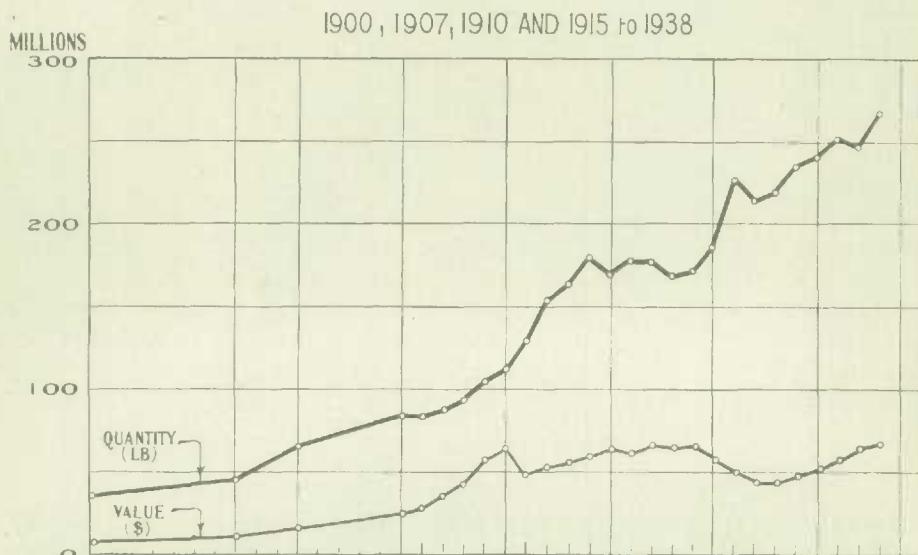
In table 5 will be found the quantity and value of the various items of production in the years 1936 to 1938, and in table 6, the average price per pound for each item in the years 1933 to 1938.

5. Concentrated Milk Products, 1936, 1937 and 1938

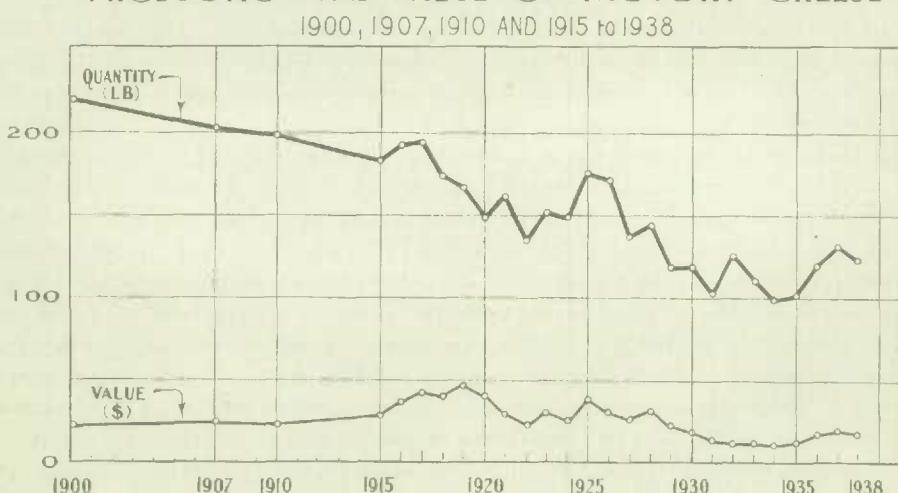
Concentrated Whole Milk Products	1936		1937		1938	
	Quantity	Value	Quantity	Value	Quantity	Value
Condensed milk—	lb.	\$	lb.	\$	lb.	\$
Case goods.....	4,767,466	466,824	7,532,035	686,868	5,549,081	501,256
Bulk goods.....	3,219,227	257,351	3,863,645	317,699	3,682,431	335,920
Evaporated milk—						
Case goods.....	70,963,630	4,580,829	91,016,590	6,144,445	105,373,408	7,518,001
Bulk goods.....	110,934	5,009	314,125	15,697	346,200	14,178
Milk powder.....	2,735,735	351,890	5,454,997	833,480	6,587,432	992,129
Cream powder.....	45,244	15,403	30,336	12,962	28,613	8,518
Total.....	-	5,677,396	-	8,012,151	-	9,373,002

Concentrated Milk By-Products	1936		1937		1938	
	Quantity	Value	Quantity	Value	Quantity	Value
Condensed skim milk.....	lb.	\$	lb.	\$	lb.	\$
4,515,713	233,402	4,999,582	259,911	4,540,922	234,421	
Evaporated skim milk.....	185,655	4,889	726,993	19,524	850,313	20,557
Skim milk powder.....	18,529,782	1,237,059	18,492,326	1,422,768	25,545,231	1,882,353
Condensed buttermilk.....	921,788	21,594	576,914	11,916	595,757	17,395
Buttermilk powder.....	2,210,953	103,938	2,542,081	147,230	3,051,303	155,523
Casein.....	1,335,810	134,518	1,572,314	181,953	1,488,686	146,340
Sugar of milk.....	186,423	11,186	188,276	11,296	304,516	15,226
Total.....	-	1,746,584	-	2,054,598	-	2,471,815

PRODUCTION AND VALUE OF CREAMERY BUTTER



PRODUCTION AND VALUE OF FACTORY CHEESE



6. Average Price Per Pound of Concentrated Milk Products, 1933-1938

Kind	1933	1934	1935	1936	1937	1938
	cents	cents	cents	cents	cents	cents
Concentrated Whole Milk Products						
Condensed milk—						
Case goods.....	9.18	10.52	10.16	9.79	9.12	9.09
Bulk goods.....	7.45	7.73	7.61	7.99	8.22	9.12
Evaporated milk—						
Case goods.....	6.27	6.13	6.30	6.46	6.75	7.13
Bulk goods.....	3.37	4.18	4.12	4.52	5.32	4.10
Whole milk powder.....	11.50	11.29	11.88	12.86	15.28	15.06
Cream powder.....	30.98	32.53	35.95	34.04	35.67	29.77
Concentrated Milk By-Products—						
Condensed skim milk.....	4.79	5.04	4.99	5.17	5.20	5.16
Evaporated skim milk.....	—	1.78	2.73	2.63	2.69	2.42
Skim milk powder.....	6.38	6.56	6.46	6.68	7.69	7.37
Condensed buttermilk.....	2.08	2.25	2.08	2.34	2.07	2.02
Buttermilk powder.....	4.79	5.41	4.89	4.70	5.70	5.10
Casein.....	9.49	9.88	9.33	10.07	11.57	9.96

Miscellaneous Products of Dairy Factories.—This classification takes account of such items as whey butter, ice cream, milk and cream sold as such, chocolate milk, cottage cheese, etc. The total value of all products in this group, was \$45,660,110, an increase over the preceding year of \$1,726,436, or 4 per cent, and an increase over 1936 of \$5,091,780, or 13 per cent. To this total value, the sale of milk and cream contributed the amount of \$35,328,849, or 77 per cent. The information concerning milk and cream sales is obtained chiefly from reports furnished by city and town dairies, which are engaged primarily in the distribution of these items, but which also manufacture butter and are therefore classed as creameries and included in the annual census of dairy factories. The next most important item in the miscellaneous group is ice cream, which shows for the year 1938 a manufacture of 5,351,747 gallons, valued at \$6,502,096, and an average price per gallon of \$1.21. In addition to the quantity of ice cream made in dairy factories in 1938 there was a production of 1,928,493 gallons, valued at \$2,313,202, in the separately classified ice cream industry, and an output of 772,636 gallons, valued at \$951,851, in the confectionery industry. The total ice cream made in the three groups combined is 8,052,876 gallons, valued at \$9,767,149. Statistics of the ice cream industry are included in the present volume (page 71) while statistics of the confectionery industry will be found in a report issued by the General Manufactures Branch of the Census of Industry. A product of dairy factories which is being made in increasing quantities, is chocolate milk; in 1936, the first year for which statistics by quantity for this item are available, the output totalled 1,224,096 gallons, and in 1938 it amounted to 1,856,290 gallons, an increase in the period of 52 per cent.

In the following table are given quantities and values for the various kinds of miscellaneous products of dairy factories, in the years 1936 to 1938.

7. Miscellaneous Products of Dairy Factories, 1936, 1937 and 1938

Kind	1936		1937		1938	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Whey Butter.....lb.	1,489,918	304,312	1,810,579	409,890	1,810,818	389,705
Ice cream (a).....gal.	4,925,767	5,729,256	5,538,554	6,689,083	5,351,747	6,502,096
Milk sold.....gal.	66,568,743	24,903,285	64,348,212	25,231,572	68,972,074	26,396,152
Cream sold.....(lb. butter fat)	15,484,338	7,752,021	17,566,876	9,008,601	16,893,491	8,932,697
Chocolate milk sold.....gal.	1,224,096	518,136	1,618,998	759,493	1,850,290	882,881
Icecream mix.....gal.	452,300	349,102	623,292	491,718	1,142,425	1,042,513
Cottage cheese.....lb.	1,076,902	92,585	1,102,181	97,778	2,149,337	148,283
Skim milk cheese.....lb.	388,434	15,623	744,987	37,993		
Buttermilk sold.....-	-	462,926	-	522,819	-	502,902
Whey cream sold.....-	-	114,223	-	146,620	-	129,701
Sundry.....-	-	326,861	-	538,077	-	733,180
Total	-	40,568,338	-	43,933,674	-	45,660,110

(a) See also ice cream made in the ice cream industry, page 71.

Total Value of Production

The total value of output of the factories in 1938 was \$140,849,356, of which the value of the manufactured products (butter, cheese, concentrated milk, ice cream, whey butter, etc.) accounts for 74 per cent. The remaining 26 per cent is represented by the value of the milk and cream, whey cream, skim milk and buttermilk, sold as such. Compared with the preceding year, the 1938 total output value shows an increase of \$4,666,478, or 3 per cent.

Establishments and Patrons

Establishments.—The tendency towards centralization in business enterprise is shown in the dairy factory industry, where, while production has mounted steadily there has been a gradual decline in the number of factories. In 1917 there were 3,418 factories in operation, and in 1938 the number had dropped to 2,552, a decrease of 866, or 25 per cent in the 21 years. In the same period the value of production increased by 50 per cent. In 1938 the number of plants, classified according to kind of product, was as follows: creameries or butter factories, 1,344; cheese factories, 988; combined butter and cheese factories, 196, and concentrated milk plants, 24. The total number records a decrease from the preceding year of 40. The decreases in number are confined to the provinces of Quebec, Ontario and Saskatchewan.

Patrons.—The average number of patrons (farmers who supply milk and cream to the factories) recorded for the year was 395,719, an increase over the preceding year of 10,573. All provinces, excepting Ontario and Saskatchewan, share in the increase.

The following table shows the number of establishments and the number of patrons, by provinces, in the years 1936 to 1938.

8. Establishments and Patrons, 1936, 1937 and 1938

ESTABLISHMENTS

Province	Creameries			Cheese factories		
	1936	1937	1938	1936	1937	1938
	no.	no.	no.	no.	no.	no.
Prince Edward Island.....	20	20	22	5	8	7
Nova Scotia.....	29	29	29	-	-	-
New Brunswick.....	24	25	25	7	8	8
Quebec.....	660	675	712	320	338	321
Ontario.....	306	301	301	641	635	615
Manitoba.....	66	66	68	12	16	15
Saskatchewan.....	60	60	59	12	9	8
Alberta.....	92	91	93	8	9	11
British Columbia.....	31	32	35	3	2	3
Total.....	1,288	1,299	1,344	1,008	1,025	988

Province	Combined Factories			Total Butter and Cheese Factories		
	1936	1937	1938	1936	1937	1938
	no.	no.	no.	no.	no.	no.
Prince Edward Island.....	-	-	-	25	28	29
Nova Scotia.....	-	-	-	29	29	29
New Brunswick.....	-	-	1	31	33	34
Quebec.....	233	190	146	1,213	1,203	1,179
Ontario.....	36	46	42	983	982	958
Manitoba.....	2	2	2	80	84	85
Saskatchewan.....	1	-	1	73	69	68
Alberta.....	4	5	4	104	105	108
British Columbia.....	1	1	-	35	35	35
Total.....	277	244	196	2,573	2,568	2,528

Province	Concentrated Milk Factories		
	1936	1937	1938
	no.	no.	no.
Nova Scotia.....	1	1	1
Ontario.....	18	20	20
Alberta.....	1	1	1
British Columbia.....	2	2	2
Total.....	22	24	24

8. Establishments and Patrons, 1936, 1937 and 1938—concluded

PATRONS

Province	Patrons of Creameries			Patrons of Cheese Factories		
	1936	1937	1938	1936	1937	1938
	no.	no.	no.	no.	no.	no.
Prince Edward Island.....	4,424	4,645	5,635	372	682	554
Nova Scotia.....	10,753	11,221	13,296	—	—	—
New Brunswick.....	6,991	6,534	8,379	210	249	210
Quebec.....	57,984	64,604	70,625	7,180	9,092	8,405
Ontario.....	94,795	94,819	95,794	21,713	23,241	21,054
Manitoba.....	35,193	36,128	39,802	879	1,314	1,255
Saskatchewan.....	51,008	51,906	49,158	265	268	204
Alberta.....	49,573	47,233	49,024	1,607	620	1,340
British Columbia.....	4,212	3,839	5,174	3	2	202
Total.....	314,933	320,929	336,797	32,229	35,468	33,221

Province	Patrons of Combined Factories			Patrons of all Butter and Cheese Factories		
	1936	1937	1938	1936	1937	1938
	no.	no.	no.	no.	no.	no.
Prince Edward Island.....	—	—	—	4,796	5,327	6,189
Nova Scotia.....	—	—	—	10,753	11,221	13,296
New Brunswick.....	—	—	95	7,201	6,783	8,684
Quebec.....	12,513	10,596	7,573	77,677	84,292	86,603
Ontario.....	4,349	5,628	4,857	120,857	123,688	121,615
Manitoba.....	1,175	1,200	1,100	37,247	38,642	42,157
Saskatchewan.....	1,000	—	1,000	52,273	52,174	50,362
Alberta.....	1,860	2,390	1,899	53,040	50,243	52,263
British Columbia.....	1,250	880	—	5,465	4,721	5,376
Total.....	22,147	20,694	16,524	369,309	377,091	386,545

Canada	Patrons of Concentrated Milk Factories (a)		
	1936	1937	1938
	no.	no.	no.
Canada.....	6,849	8,055	9,174

(a) The concentrated milk factories are located by provinces as follows:—
1936—Nova Scotia, 1; Ontario, 18; Alberta, 1; British Columbia, 2.
1937 and 1938—Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

Milk and Cream Delivered to Dairy Factories

Milk.—The deliveries of milk to the factories totalled 3,273,187,068 pounds, or roughly, 317,785,152 gallons. Of the total amount the creameries took 40 per cent, the cheese factories, 37 per cent, the combined butter and cheese factories 8 per cent, and the concentrated milk factories, 15 per cent. Ontario absorbed 54 per cent of the total deliveries to all butter and cheese factories, and Quebec, 31 per cent.

Cream.—Measured according to butter fat content, the deliveries of cream amounted to 211,962,803 pounds. The great bulk went, of course, to the creameries, the quantity delivered to these plants representing 95 per cent of the total for all factories. Compared with the preceding year, the total quantity of butter fat in cream records an increase of 14,080,004 pounds, or 7 per cent.

DAIRY FACTORIES

Milk Equivalent of the total Deliveries of Milk and Cream.—The milk equivalent of the quantities of milk and cream delivered to the factories during the year was 9,329,267,154 pounds, compared with 8,857,852,661 pounds in 1937. 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 and cream delivered to the factories is used for manufacture, but there is also an amount of considerable proportions used for the fresh milk and cream trade of the industry. The manufactured goods (butter, cheese, concentrated milk, ice cream, etc.) took 87 per cent of the total deliveries while the quantities of milk and cream sold as such, account for the remaining 13 per cent.

In the following table are given, by provinces, the quantities of milk and cream delivered to the factories in 1938, with comparative statistics for 1936 and 1937.

9. Deliveries of Milk and Cream to Dairy Factories, 1936, 1937 and 1938

Province	Deliveries of Milk to Creameries			Deliveries of Milk to Cheese Factories		
	1936	1937	1938	1936	1937	1938
	lb.	lb.	lb.	lb.	lb.	lb.
Prince Edward Island.....	1,501,518	2,333,072	1,914,041	3,157,351	5,001,810	4,762,627
Nova Scotia.....	12,371,244	13,074,881	14,125,162			
New Brunswick.....	10,860,559	10,932,713	11,713,877	4,451,643	6,390,698	5,272,800
Quebec.....	525,380,148	477,803,233	511,381,086	171,372,440	211,106,319	202,406,373
Ontario.....	428,349,555	414,667,358	453,184,999	941,905,866	1,013,611,080	928,968,733
Manitoba.....	66,850,338	68,946,772	69,237,498	21,740,806	30,211,468	33,558,387
Saskatchewan.....	36,031,051	49,773,117	48,665,310	3,465,744	3,605,203	3,514,208
Alberta.....	34,663,860	34,122,844	35,359,991	10,505,825	14,535,508	20,985,439
British Columbia.....	56,112,503	70,230,091	159,090,125	1,325,469	2,113,273	5,394,180
Total.....	1,170,126,779	1,141,882,081	1,304,612,039	1,157,926,144	1,286,575,359	1,204,862,717
Province	Deliveries of Milk to Combined Factories			Deliveries of Milk to all Butter and Cheese Factories		
	1936	1937	1938	1936	1937	1938
	lb.	lb.	lb.	lb.	lb.	lb.
Prince Edward Island.....	—	—	—	4,658,869	7,334,882	6,676,668
Nova Scotia.....	—	—	—	12,371,244	13,074,881	14,125,162
New Brunswick.....	—	—	653,373	15,312,202	17,323,411	17,640,050
Quebec.....	190,864,591	186,536,443	144,901,844	887,617,179	875,443,995	858,689,303
Ontario.....	90,889,553	126,380,387	125,554,141	1,459,144,977	1,554,658,825	1,507,677,873
Manitoba.....	5,615,612	4,881,397	5,019,391	94,212,756	104,039,637	107,815,196
Saskatchewan.....	18,741,591	—	893,600	58,238,386	53,378,320	53,073,118
Alberta.....	4,914,082	5,028,537	4,484,027	50,084,767	53,686,889	60,829,457
British Columbia.....	65,426,148	47,155,908	—	122,864,121	119,499,272	164,484,305
Total.....	376,451,578	369,982,672	281,506,376	2,704,504,501	2,798,440,112	2,791,011,132
—			Deliveries of Milk to Concentrated Milk Factories (a)			
—			1936	1937	1938	
—			lb.	lb.	lb.	
Canada.....			311,939,335	405,618,292	482,175,936	

(a) The concentrated milk factories are located by provinces as follows:—

1936—Nova Scotia, 1; Ontario, 18; Alberta, 1; British Columbia, 2,

1937 and 1938—Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

9. Deliveries of Milk and Cream to Dairy Factories, 1936, 1937 and 1938—concluded

Province	Deliveries of Cream to Creameries			Deliveries of Cream to Combined Factories		
	1936	1937	1938	1936	1937	1938
	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	1,681,821	1,735,445	2,070,728	—	—	—
Nova Scotia	5,095,361	5,361,677	6,084,725	—	—	33,226
New Brunswick	3,097,639	3,275,377	3,905,196	—	—	—
Quebec	43,048,392	47,600,367	52,576,789	6,689,542	4,814,151	3,617,164
Ontario	66,849,882	63,055,854	66,904,679	3,657,670	3,971,997	3,840,087
Manitoba	19,997,914	21,250,294	22,621,340	225,549	219,589	210,113
Saskatchewan	19,631,081	20,275,066	19,578,509	916,740	—	488,564
Alberta	20,468,763	20,054,704	25,108,137	1,219,669	1,716,706	1,254,337
British Columbia	2,712,288	3,089,106	2,802,100	106,527	130,546	—
Total	182,583,141	186,297,890	201,652,213	12,815,697	16,852,999	9,443,491
Deliveries of Cream to All Butter and Cheese Factories						
Province	1936	1937	1938	1936	1937	1938
	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	1,681,821	1,735,445	2,070,728	—	—	—
Nova Scotia	5,095,361	5,361,677	6,084,725	—	—	33,226
New Brunswick	3,097,639	3,275,377	3,905,196	—	—	—
Quebec	49,737,934	52,414,518	56,193,963	—	—	—
Ontario	70,507,552	67,027,851	70,744,766	—	—	—
Manitoba	20,223,463	21,469,893	22,831,452	—	—	—
Saskatchewan	20,547,821	20,275,066	20,067,073	—	—	—
Alberta	21,088,432	22,371,410	26,362,474	—	—	—
British Columbia	2,818,815	3,219,652	2,802,100	—	—	—
Total	195,398,838	197,150,889	211,095,704	—	—	—
Deliveries of Cream to Concentrated Milk Factories (a)						
Canada	1936	1937	1938	1936	1937	1938
	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat
Canada	647,324	731,910	867,099	—	—	—

(a) The concentrated milk factories are located by provinces as follows:—

1936—Nova Scotia, 1; Ontario, 18; Alberta, 1; British Columbia, 2.

1937 and 1938—Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

Amounts Paid to Patrons

The total amount paid by the dairy factories for the milk and cream delivered during the year 1938 was \$96,234,311, of which total the creameries accounted for \$71,847,678, or 74·7 per cent, the cheese factories, for \$12,445,123, or 12·9 per cent, the combined factories for \$5,535,668 or 5·7 per cent, and the concentrated milk plants for \$6,405,842, or 6·7 per cent. The total payment records an increase over the preceding year of \$3,309,469, or 3 per cent. The average price paid during the year for the milk was \$1.30 per 100 pounds, and for the cream, 25 cents per pound of butter fat content, compared with \$1.27 for the milk and 26 cents for the butter fat in 1937.

In the following table are given the total amounts paid by the factories for the milk and cream, combined. For information on the amounts paid for milk and cream separately, see table IV, page 44.

DAIRY FACTORIES

10. Amounts Paid to Patrons of Dairy Factories, 1936, 1937 and 1938

Province	Paid to Patrons of Creameries			Paid to Patrons of Cheese Factories		
	1936	1937	1938	1936	1937	1938
Prince Edward Island.....	\$ 444,792	\$ 514,288	\$ 608,576	\$ 32,382	\$ 48,976	\$ 47,606
Nova Scotia.....	1,460,439	1,738,432	1,950,541	—	—	56,632
New Brunswick.....	932,045	1,080,236	1,281,403	48,396	70,590	56,632
Quebec.....	17,196,880	19,964,080	20,837,814	1,780,034	2,313,816	2,174,383
Ontario.....	23,297,289	24,759,797	26,271,142	9,259,015	10,467,634	9,517,613
Manitoba.....	4,948,465	5,933,837	6,228,114	224,226	331,121	347,859
Saskatchewan.....	4,367,716	5,415,987	4,990,664	30,072	34,426	32,410
Alberta.....	4,737,888	5,335,850	6,079,585	86,933	140,184	196,044
British Columbia.....	1,623,232	2,143,319	3,599,839	14,873	30,035	72,576
Total	59,008,716	66,885,826	71,847,678	11,175,961	13,436,782	12,445,123
Province	Paid to Patrons of Combined Factories			Paid to Patrons of All Butter and Cheese Factories		
	1936	1937	1938	1936	1937	1938
Prince Edward Island.....	\$ —	\$ —	\$ —	\$ 477,174	\$ 563,264	\$ 656,182
Nova Scotia.....	—	—	—	1,460,439	1,738,432	1,950,541
New Brunswick.....	—	—	15,118	980,441	1,150,826	1,353,153
Quebec.....	3,594,460	3,314,607	2,519,683	22,571,374	25,592,503	25,531,880
Ontario.....	1,767,636	2,422,581	2,426,064	34,323,970	37,650,012	38,214,819
Manitoba.....	130,521	131,302	134,378	5,303,212	6,396,260	6,710,351
Saskatchewan.....	418,458	—	122,922	4,816,246	5,450,413	5,145,996
Alberta.....	280,779	452,153	317,503	5,105,000	5,928,187	6,593,132
British Columbia.....	875,998	769,593	—	2,514,103	2,942,345	3,672,415
Total	7,067,852	7,090,234	5,535,668	77,552,559	87,412,842	89,828,469
				Paid to Patrons of Concentrated Milk Factories (a)		
				1936	1937	1938
Canada				\$ 3,878,229	\$ 5,512,000	\$ 6,495,842

(a) The concentrated milk factories are located by provinces as follows:

1936—Nova Scotia, 1; Ontario, 18; Alberta, 1; British Columbia, 2.
1937 and 1938—Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

Other Data

Capital.—The value of the capital investment of the industry in 1938 is placed at \$68,410,385, apportioned as follows: land, buildings and equipment, \$51,144,671; materials, products and supplies on hand, \$7,396,744; and cash and accounts and bills receivable, \$9,868,970. The average amount per plant was \$26,807, compared with an average of \$25,262 in 1937.

The following table gives the total investment, by provinces. Statistics by items, will be found in table 11, page 32.

11. Capital Investment of Dairy Factories, 1936, 1937 and 1938

BUTTER AND CHEESE FACTORIES

Province	1936		1937		1938	
	Establishments	Capital invested	Establishments	Capital invested	Establishments	Capital invested
Prince Edward Island.....	25	\$ 257,841	28	\$ 320,965	29	\$ 370,684
Nova Scotia.....	29	1,183,166	29	1,248,532	29	1,227,761
New Brunswick.....	31	1,122,416	33	1,039,489	34	1,086,234
Quebec.....	1,213	15,721,628	1,203	16,274,478	1,179	16,753,114
Ontario.....	983	26,591,699	982	25,408,006	958	27,061,412
Manitoba.....	80	5,502,354	84	5,713,024	85	4,380,404
Saskatchewan.....	73	3,659,445	69	3,659,737	68	3,763,705
Alberta.....	104	4,470,216	105	4,429,957	108	4,261,992
British Columbia.....	35	1,692,810	35	1,967,054	38	3,596,102
Total	2,573	\$ 60,201,575	2,568	\$ 60,001,842	2,528	\$ 62,481,408

CONCENTRATED MILK FACTORIES (a)

Canada	22	\$ 4,863,960	24	\$ 5,477,783	24	\$ 5,928,977
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(a) The concentrated milk factories are located by provinces as follows:

1936—Nova Scotia, 1; Ontario, 18; Alberta, 1; British Columbia, 2.
1937 and 1938—Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

Employees and Salaries and Wages.—In agreement with the rise in production, there has been an almost continuous annual increase in employment, the year 1938 holding the high record to date. In that year the number of employees reached a total of 18,171, an increase over the preceding year of 786, or 5 per cent, and an increase over 1917 (the year when the annual postal census of dairy factories was instituted) of 7,825, or 76 per cent. The amount paid in salaries and wages in 1938 also constitutes a high record. The total paid to all employees during the year was \$17,451,566, an increase over the preceding year of \$858,655, or 5 per cent, and an increase over the year 1917 of \$12,004,220, or 220 per cent. Employment in the industry in 1938 is classified as follows: salaried employees, 6,105, and salaries, \$5,700,447; wage-earners, 12,066 and wages, \$11,751,119. Included with the salaried employees are 1,249 proprietors occupied in work in the factories, with an amount of \$1,060,303 allowed as reasonable remuneration for services.

Table 12, which follows, shows, by provinces, the total number of employees and the amount paid in salaries and wages. Other data regarding employment will be found in table III, page 36.

12. Employees and Salaries and Wages, 1936, 1937, and 1938

BUTTER AND CHEESE Factories

Province	1936		1937		1938	
	Employees no.	Salaries and wages \$	Employees no.	Salaries and wages \$	Employees no.	Salaries and wages \$
Prince Edward Island.....	87	57,475	100	70,202	111	77,091
Nova Scotia.....	290	296,701	314	314,500	333	333,567
New Brunswick.....	217	197,277	251	218,309	275	233,661
Quebec.....	4,558	3,362,006	5,023	3,480,383	5,076	3,610,051
Ontario.....	7,091	7,097,301	7,331	7,498,341	7,542	7,029,975
Manitoba.....	1,124	1,430,742	1,245	1,584,858	1,280	1,573,868
Saskatchewan.....	871	943,833	872	950,466	850	954,666
Alberta.....	863	917,699	957	1,006,728	1,013	1,046,671
British Columbia.....	409	469,216	490	575,298	856	1,079,406
Total	15,515	14,772,250	16,583	15,699,085	17,336	16,538,956

CONCENTRATED MILK Factories (a)

Canada.....	715	803,576	802	893,826	835	912,610
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(a) The concentrated milk factories are located by provinces as follows:—
1936—Nova Scotia, 1; Ontario, 18; Alberta, 1; British Columbia, 2.
1937 and 1938—Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

Form of Organization.—The classification of dairy factories, by form of organization arranges the returns in three groups. The first group, comprising factories operated by individuals or partnerships, contains 1,530 returns; the second, those operated by joint stock companies, 565 returns; and the third, operated by co-operative associations, 457 returns. Compared with the year 1937, the first group shows a reduction in number of 73, and the second and third groups, increases of 7 and 26 respectively. Table X, page 65.

Classification of Butter and Cheese Factories according to Quantity of Product.—In this classification the factories are arranged in groups according to the amount of butter or cheese produced during the year. There are 5 groups each for the creameries and the combined factories in the production of butter, and 5 groups each for the cheese factories and the combined factories in the production of cheese. The highest group for butter comprises plants with a production of 500,000 pounds and over, and this group for 1938 contains 97 creameries and 3 combined factories. For cheese, the group of factories making 500,000 pounds, or more, includes 4 cheese factories and 2 combined factories. The average production of butter per plant in 1938 was 173,602 pounds, compared with 160,115 pounds in the preceding year, and the average for cheese, 104,705 pounds, compared with 102,936 pounds in 1937. Table XI, page 66.

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PROPERTY OF THE

Review of the Industry.—The following table gives a summary of the principal statistics of the dairy factory industry in the years 1917, (the institution of the publication of annual statistics of the industry) to 1938.

**13. Principal Statistics of the Dairy Factory Industry, Canada, for the years
1917 to 1938**

Year	Number of factories	Capital	Employees	Salaries and wages	Patrons	Amount paid to patrons	Value of 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	252,410	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	141,380,997
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	66,297,706	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

External Trade

Exports.—The big item in the export of Canadian dairy products is cheese. In 1938 the export of this commodity amounted to 80,989,100 pounds, of which 76,048,100 pounds, or 94 per cent, went to the United Kingdom. Compared with the preceding year the total export of cheese shows a reduction of 7,966,200 pounds, or 9 per cent. The exportation of butter, which is of small proportion in comparison with the cheese export, amounted in 1938 to 3,893,400 pounds. Of this total, the amount taken by the United Kingdom represented 87 per cent. The exports include, also, large quantities of evaporated milk and smaller quantities of powdered milk and condensed milk. The total value of dairy products exported in 1938 was \$16,219,789, a decrease from the preceding year of \$1,361,288, or 8 per cent.

Imports.—The imports of products of the milk industry are of relatively small importance. In 1938 the total value was \$1,788,308, this amount covering the imports of fresh milk and cream, butter, cheese, condensed and powdered milk and cascina. The chief item in that year was butter, of which 5,231,838 pounds, valued at \$1,411,958, were imported. New Zealand was the chief source of the Canadian imports of butter.

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 " " "

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 pound 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 Produces 1 gallon of ice cream.	

DAIRY FACTORIES

I. General Summary of Statistics of Dairy Factories, 1938

I. Résumé de la statistique de l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

No.	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Capital Invested Capital engagé	Total of Employees and of Salaries and Wages		Paid to Patrons Sommes payées aux fournisseurs
				no.	\$	
		2,528	62,481,408	17,336	16,538,956	89,828,169
	Canada					
	Prince Edward Island—Île du Prince-Édouard	29	370,684	111	77,091	656,182
1	Kings.....	4	12,296	7	2,270	29,124
2	Prince.....	10	87,979	22	14,074	190,058
3	Queens.....	15	270,409	82	60,747	437,000
	Nova Scotia—Nouvelle-Ecosse	29	1,227,761	333	333,567	1,950,541
4	Annapolis.....	1	25,855	12	12,657	121,369
5	Antigonish.....	2	118,668	24	20,535	68,607
6	Cape Breton.....	1	179,885	43	40,517	360,892
7	Colchester.....	3	84,188	24	21,951	184,108
8	Cumberland.....	4	10,075	4	1,441	9,309
9	Digby.....	1	394,156	109	135,867	349,473
10	Hants.....	2	49,888	15	11,217	153,166
11	Inverness.....	2	12,620	4	4,082	19,927
12	Kings.....	3	76,540	34	23,135	262,388
13	Lunenburg.....	1	50,762	15	10,125	57,474
14	Pictou.....	2	145,874	22	22,105	187,455
15	Victoria.....	1	8,160	2	1,517	8,808
16	Yarmouth.....	2	71,090	25	28,418	167,565
	New Brunswick—Nouveau-Brunswick	34	1,086,234	275	233,661	1,353,153
17	Albert.....	1	3,000	2	1,300	7,991
18	Gloucester.....	1	46,486	7	4,657	30,534
19	Kings.....	10	75,360	30	23,337	379,680
20	Madawaska.....	3	45,104	10	3,585	49,400
21	Northumberland.....	1	5,000	5	2,140	4,745
22	Restigouche.....	3	80,430	9	6,562	39,768
23	Saint John.....	3	343,515	93	96,202	198,136
24	Victoria.....	1	6,080	2	600	12,600
25	Westmorland.....	6	102,792	28	19,566	230,655
26	Carlton.....	1	378,463	89	75,712	399,644
	Québec	1,179	16,753,111	5,076	3,610,051	25,531,886
27	Abitibi.....	8	71,717	20	8,565	152,213
28	Argenteuil.....	7	66,362	29	16,283	107,670
29	Arthabaska.....	44	239,217	98	37,375	614,644
30	Bagot.....	21	199,187	65	27,681	512,478
31	Beauce.....	48	175,400	75	26,971	407,974
32	Beauharnois.....	6	183,769	29	22,715	247,060
33	Bellechasse.....	27	122,986	53	15,952	210,670
34	Berthier.....	17	140,582	46	16,266	316,026
35	Bonaventure.....	15	60,012	24	7,668	88,748
36	Brome.....	6	138,710	36	23,918	354,692
37	Chambly.....	2	11,040	5	2,303	37,247
38	Champlain.....	25	179,576	58	25,804	340,825
39	Charlevoix.....	12	59,798	24	9,170	62,711
40	Châteauguay.....	7	51,535	31	17,415	306,934
41	Chicoutimi.....	40	212,323	78	32,053	273,282
42	Compton.....	17	203,750	55	27,923	574,299
43	Deux Montagnes.....	12	162,643	59	31,807	246,251
44	Dorchester.....	28	178,039	65	24,832	474,381
45	Drummond.....	22	201,488	76	38,684	546,839
46	Frontenac.....	29	190,309	61	22,902	382,571
47	Gaspé-Nord.....	2	9,600	4	983	9,710
48	Gaspé-Sud.....	4	12,980	7	1,637	17,093
49	Gatineau et Hull.....	9	119,595	49	29,944	253,505
50	Huntingdon.....	8	223,781	38	24,050	359,378
51	Iberville.....	5	116,059	32	21,421	240,126

¹ Comprising creameries, cheese factories and combined butter and cheese factories.¹ Y compris beurseries, fromageries et fabriques de beurre et de fromage.

I. General Summary of Statistics of Dairy Factories, 1938

I. Résumé de la statistique de l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Fuel used Combustible consommé	Supplies used Fournitures utilisées	Containers used Récipients utilisés	Value of Products Valeur des produits					No Total
			Butter — Beurre		Cheese — Fromage	Ice Cream — Crème à la glace	Other — Autres	
			\$	\$	\$	\$	\$	
1,942,125	2,220,360	2,008,418	65,835,023	16,741,681	6,422,721	38,659,918	127,659,343	
15,494	17,999	11,656	656,774	62,528	57,314	78,033	854,649	
451	428	625	25,415	9,747	—	64	35,226	1
3,304	8,332	3,699	182,751	41,330	13,518	6,090	243,689	2
11,739	9,239	7,332	448,608	11,451	43,796	71,879	575,734	3
47,071	88,531	50,131	1,864,848	—	466,658	681,778	3,013,284	
1,569	476	1,497	152,738	—	—	3,175	155,913	4
3,319	4,304	2,438	63,674	—	26,478	16,291	106,443	5
3,920	2,334	3,571	341,060	—	123,585	80,365	545,210	6
3,754	10,729	4,995	198,872	—	26,020	41,132	266,024	7
292	1,100	400	12,152	—	2,196	—	14,348	8
20,028	43,734	20,998	80,542	—	208,801	445,030	734,373	9
2,094	1,103	2,405	192,918	—	—	20,702	213,620	10
652	281	598	26,850	—	—	4,118	30,968	11
3,054	3,640	1,910	294,144	—	—	24,165	318,309	12
1,888	7,239	1,409	69,528	—	20,074	3,557	93,159	13
3,907	10,652	7,498	205,453	—	34,224	22,159	261,830	14
296	93	373	11,572	—	—	407	11,079	15
2,241	2,846	2,039	215,345	—	25,280	20,477	261,102	16
33,707	36,445	32,037	1,161,741	76,415	253,328	468,936	1,960,420	
137	25	175	10,943	—	—	—	10,943	17
1,240	2,010	500	38,196	—	8,434	128	46,758	18
4,532	4,839	6,110	374,979	56,408	44,194	3,805	479,386	19
1,055	584	934	58,558	—	1,065	104	59,727	20
375	649	55	581	—	3,393	6,201	10,175	21
1,830	5,620	1,330	51,937	—	19,343	—	71,280	22
8,178	6,305	9,850	29,790	—	75,562	235,578	340,930	23
123	42	225	14,685	—	—	—	14,685	24
3,333	3,261	5,357	257,892	20,007	5,173	1,023	284,095	25
12,904	13,010	7,501	324,180	—	96,164	222,097	642,441	26
464,370	444,633	429,173	19,577,024	3,822,843	1,506,183	8,562,859	33,468,909	
1,937	1,578	2,953	172,996	1,623	—	1,748	176,367	27
1,500	1,854	1,153	88,677	43,066	—	—	131,743	28
7,439	7,372	7,657	400,728	276,716	—	27,205	704,649	29
7,173	4,777	6,739	570,317	14,401	—	2,074	586,792	30
5,207	7,779	6,862	368,781	101,178	—	—	469,959	31
4,099	3,845	2,335	267,317	11,582	13,916	1,754	294,569	32
3,603	4,068	3,147	150,516	91,222	—	1,542	243,280	33
3,102	3,971	4,274	345,921	21,057	1,985	1,016	369,979	34
1,872	2,064	1,689	97,825	8,089	—	—	105,914	35
5,105	4,615	4,172	340,205	—	—	63,875	404,080	36
493	580	450	24,395	18,052	—	—	42,447	37
5,276	4,109	6,239	352,790	28,924	—	12,768	394,482	38
1,239	1,541	923	42,849	28,262	2,750	3,442	77,303	39
4,569	2,299	1,429	145,289	35,087	—	144,365	324,741	40
6,090	5,841	6,504	68,651	227,163	11,591	32,793	340,198	41
5,804	3,768	7,822	596,822	6,155	—	42,701	645,678	42
7,604	3,373	6,234	225,837	81,685	—	22,647	330,169	43
5,259	5,611	7,379	493,928	43,732	—	162	537,822	44
7,679	5,821	5,040	519,141	61,749	7,618	58,305	646,813	45
4,216	8,051	5,922	377,575	63,424	—	24	441,023	46
202	131	183	12,010	—	—	—	12,010	47
335	254	281	21,319	—	—	—	21,319	48
3,941	2,782	5,375	246,396	22,432	—	53,562	322,390	49
6,934	2,221	4,261	278,062	—	—	143,275	421,337	50
8,308	1,206	2,168	87,270	13,946	—	198,549	296,765	51

DAIRY FACTORIES

I. General Summary of Statistics of Dairy Factories, 1938—con.

I. Résumé de la statistique de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Capital Invested Capital engagé	Total of Employees and of Salaries and Wages		Paid to Patrons — Sommes payées aux fournisseurs
				no.	\$	
Québec—concluded—fin						
1	Joliette	18	171,151	50	20,977	442,627
2	Kamouraska	17	134,847	52	18,938	247,849
3	Laibelle	12	125,489	32	15,324	274,043
4	Lac-St-Jean	40	259,084	83	32,853	450,071
5	Lavraie	2	28,400	12	6,305	94,009
6	L'Assomption	10	106,513	31	14,776	239,207
7	Laviotette	9	90,282	20	10,015	109,612
8	Lévis	5	19,406	8	2,355	56,693
9	L'Islet	14	90,167	31	10,836	154,427
10	Lotbinrière	28	166,078	72	24,300	494,226
11	Maskinongé	19	154,809	49	18,341	313,202
12	Matane	12	93,871	39	13,833	179,614
13	Matapedia	13	79,869	33	12,117	188,017
14	Mégantic	33	158,619	63	24,061	386,110
15	Mississquoi	9	133,111	64	42,067	459,576
16	Montcalm	11	95,324	34	13,151	243,163
17	Montmagny	16	79,622	34	11,322	179,988
18	Montmorency	9	34,985	18	6,122	73,025
19	Montréal (city)	10	5,045,790	1,520	1,855,301	3,898,119
20	Napierville	3	62,323	12	6,942	115,504
21	Nicolet	56	343,947	134	47,623	821,091
22	Papineau	30	168,847	98	38,519	566,602
23	Pontiac	5	164,209	36	21,365	264,130
24	Portneuf	28	193,303	76	32,121	415,339
25	Québec	5	1,013,615	288	279,599	778,407
26	Richelieu	15	105,279	33	15,265	229,403
27	Richmond	21	100,720	55	21,187	320,801
28	Rimouski	19	105,996	53	15,700	250,344
29	Rivière-du-Loup	23	175,029	72	21,614	405,318
30	Roberval	40	318,230	102	37,990	491,060
31	Rouville	21	175,920	63	20,859	405,288
32	Saguenay	3	17,485	4	1,474	22,785
33	Shefford	24	331,425	89	56,290	855,646
34	Sherbrooke	5	399,037	57	49,998	315,752
35	Soulages	8	99,302	27	16,084	283,264
36	Stanstead	8	157,828	31	22,958	491,672
37	St-Hyacinthe	20	315,301	64	28,774	443,938
38	St-Jean	3	63,270	20	20,038	156,542
39	St-Maurice	15	471,683	104	64,669	412,433
40	Témiscamingue	12	115,240	33	17,792	261,935
41	Témiscouata	9	49,812	24	8,814	30,525
42	Terrebonne	12	152,456	33	17,017	189,192
43	Vaudreuil	9	65,091	10	8,703	146,382
44	Verchères	8	72,534	23	12,523	209,092
45	Wolfe	35	187,825	63	21,112	340,400
46	Yamaska	34	209,442	101	33,708	627,500
Ontario.....						
47	Algoma	7	198,323	46	43,571	208,393
48	Brant	6	317,896	86	89,132	333,022
49	Bruce	14	738,831	173	141,702	1,195,512
50	Carleton	50	3,551,778	746	866,226	2,002,478
51	Cochrane	9	47,806	19	10,624	69,209
52	Dufferin	4	86,258	41	35,063	337,636
53	Dundas	44	196,719	80	46,084	762,128
54	Durham	4	42,047	19	10,370	182,644
55	Elgin	14	200,540	85	76,652	454,551
56	Essex	10	903,119	354	475,237	838,777
57	Frontenac	49	513,783	171	113,519	866,747
58	Glengarry	60	186,085	131	56,750	833,920
59	Grenville	28	163,032	64	32,674	419,180
60	Grey	14	306,011	125	102,676	1,018,372
61	Haldimand	5	228,582	65	69,053	605,246
62	Halton	4	95,651	31	26,876	258,712
63	Hastings	66	527,309	258	147,798	1,655,267
64	Huron	16	360,367	109	91,354	1,129,173
65	Kent	9	411,360	107	111,096	675,506

I. General Summary of Statistics of Dairy Factories, 1938—con.

I. Résumé de la statistique de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No. ord. n° d' comptable comptable	Supplies used Fournitures utilisées	Containers used Récipients utilisées	Value of Products Valeur des produits				No. Total
			Butter — Beurre	Cheese — Fromage	Ice Cream — Crème à la glace	Other — Autres	
			\$	\$	\$	\$	
4,303	3,973	6,977	506,906	—	5,500	2,043	514,449 1
3,682	3,331	4,418	279,028	9,963	—	251	289,242 2
3,134	2,640	5,177	303,734	19,163	—	146	314,043 3
7,453	8,966	8,365	77,797	452,331	—	776	530,904 4
3,685	625	685	107,458	—	—	—	107,458 5
2,912	2,412	4,033	275,018	—	—	523	275,571 6
3,834	1,314	1,931	117,943	8,715	—	78	126,736 7
786	931	842	59,259	6,131	—	—	65,390 8
3,968	3,081	4,050	170,523	12,974	—	35	183,532 9
3,600	4,751	8,623	541,198	28,184	—	121	569,503 10
3,939	2,939	3,834	311,475	45,438	—	32	356,945 11
3,898	2,502	2,836	189,823	16,211	—	—	206,034 12
3,308	3,514	3,197	187,081	28,857	—	18	215,956 13
4,134	4,539	5,504	347,694	74,012	—	21,848	443,554 14
3,289	12,152	4,398	336,605	—	4,400	221,792	562,797 15
3,017	4,594	2,392	280,131	—	—	1,503	281,634 16
3,712	2,828	2,724	170,842	37,495	739	550	209,626 17
1,454	725	828	85,929	—	—	16	85,915 18
3,480	99,717	68,498	508,285	—	999,990	5,920,345	7,488,620 19
3,534	1,469	1,854	132,808	—	—	191	132,999 20
3,237	11,169	14,774	716,613	220,726	—	4,018	941,357 21
3,615	5,492	11,318	527,387	144,987	—	129	672,503 22
3,096	2,848	4,424	295,165	12,900	—	10,389	318,454 23
3,899	6,052	6,017	444,489	30,306	—	7,012	481,807 24
3,209	53,430	29,092	269,506	—	246,258	951,989	1,467,753 25
3,402	2,783	3,356	216,995	41,385	545	4,449	263,374 26
3,055	5,975	38,838	210,456	84,708	—	75,278	370,502 27
3,414	4,663	4,437	163,501	121,952	—	3,724	289,177 28
3,847	3,266	6,426	463,053	—	—	83	463,136 29
3,460	9,264	9,401	227,949	351,139	—	10,300	589,388 30
3,832	5,274	4,561	317,574	148,074	—	2,365	468,013 31
3,475	230	370	25,507	2,294	—	325	28,126 32
3,027	14,970	11,166	946,193	—	45,766	29,753	1,021,712 33
3,437	13,329	16,502	245,949	—	81,824	99,062	426,835 34
3,557	3,491	3,175	294,950	25,940	—	472	321,362 35
3,243	7,143	5,422	547,257	—	—	17,089	546,946 36
3,388	5,287	7,054	306,734	95,112	6,796	20,738	519,380 37
3,005	1,806	1,228	150,494	—	—	52,110	202,604 38
3,685	8,108	25,051	334,767	11,518	68,335	162,514	577,134 39
3,560	2,841	7,096	295,508	—	—	9,830	305,338 40
3,148	1,130	1,495	90,967	15,167	—	—	106,135 41
3,540	3,563	2,819	175,903	17,879	6,630	39,857	240,289 42
1,604	2,187	2,324	120,135	48,942	—	391	169,468 43
2,725	2,321	4,135	218,343	22,894	—	6,966	248,203 44
4,513	4,705	6,029	217,976	181,190	1,540	—	400,706 45
6,298	6,901	8,806	318,469	315,651	—	74,340	708,460 46
556,853	1,049,232	864,921	22,426,188	11,831,534	2,404,615	18,197,028	54,859,365
5,926	5,296	8,478	214,527	—	34,418	73,905	322,850 47
9,630	4,756	2,597	241,380	15,756	—	294,791	561,927 48
17,315	15,518	18,275	1,347,863	66,733	—	50,758	1,465,354 49
81,107	182,240	67,516	634,363	736,984	504,123	2,028,067	3,003,537 50
2,028	963	1,208	52,015	15,401	—	24,580	91,996 51
5,671	2,606	5,587	404,495	—	—	1,800	406,295 52
15,131	17,175	13,825	14,126	771,515	—	114,891	900,532 53
3,435	1,506	1,106	215,276	—	—	1,425	216,701 54
10,831	8,208	11,270	245,965	187,759	1,458	206,713	641,895 55
32,099	31,892	25,911	171,082	—	81,688	1,601,719	1,851,489 56
18,034	17,858	18,585	152,429	699,947	74,021	221,125	1,147,522 57
11,960	17,142	15,712	79,209	871,964	—	22,295	973,468 58
7,563	8,002	7,035	156,271	326,239	—	15,517	498,027 59
11,901	5,065	14,582	1,203,169	—	—	48,271	1,251,431 60
16,251	7,079	6,790	680,313	—	13,635	148,582	842,530 61
2,873	1,948	1,685	320,456	—	—	11,092	331,548 62
29,256	20,932	29,064	914,256	987,094	—	166,423	2,067,773 63
20,062	8,402	15,008	1,210,836	73,680	11,627	61,173	1,357,326 64
13,030	7,008	10,332	651,596	—	1,045	240,105	892,746 65

DAIRY FACTORIES

I. General Summary of Statistics of Dairy Factories, 1938—cont.

I. Résumé de la statistique de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Capital Invested Capital engagé	Total of Employees and of Salaries and Wages		Paid to Patrons Sommes payées aux fournisseurs
				no.	\$	
Ontario—concluded—fin						
1	Lambton	9	441,818	104	107,618	\$60,093
2	Lennox and Addington	30	311,780	94	60,440	644,782
3	Leeds	60	496,176	135	81,905	866,726
4	Lincoln	23	134,570	82	41,625	354,463
5	Middlesex	4	465,295	97	110,118	241,614
6	Nipissing	25	1,655,045	274	240,519	1,815,190
7	Norfolk	7	258,932	55	51,250	282,412
8	Northumberland	4	329,498	21	16,747	249,404
9	Oxford	25	215,250	97	61,312	781,145
10	Parry Sound	7	158,381	40	32,799	311,549
11	Peel	25	357,573	136	116,329	1,196,291
12	Perth	2	52,645	15	12,683	68,408
13	Peterborough	5	150,298	33	35,528	286,358
14	Prescott	28	722,091	206	162,131	1,900,362
15	Rainy River	19	195,855	76	72,508	155,195
16	Renfrew	68	221,985	141	62,211	907,824
17	Russell	17	94,961	62	32,844	352,144
18	Simcoe	4	38,855	11	8,477	66,100
19	Timiskaming	16	285,721	79	62,093	417,800
20	Toronto	45	188,863	95	42,384	775,044
21	Welland	12	357,453	112	107,939	815,919
22	Wentworth	42	388,189	152	120,514	1,147,668
23	Waterloo	3	234,519	68	76,366	216,769
24	Winnipeg	3	236,492	107	133,802	291,186
25	Windsor	5	74,757	21	17,156	158,743
26	Winnipeg	7	100,650	52	40,873	416,021
27	Winnipeg	12	905,421	174	187,964	1,077,157
28	Winnipeg	4	136,628	47	45,839	170,107
29	Winnipeg	11	389,148	145	112,130	960,648
30	Winnipeg	5	972,466	321	438,254	720,937
31	Winnipeg	18	7,565,101	1,780	2,385,160	4,960,287
Manitoba						
		85	4,360,404	1,280	1,573,868	6,710,351
32	Brandon	7	398,642	81	91,863	733,270
33	Churchill	1	22,500	4	3,881	68,052
34	Dauphin	6	174,575	38	35,272	434,812
35	Lisgar	5	67,647	26	20,546	280,479
36	Macdonald	7	115,959	37	30,114	329,696
37	Marquette	7	130,722	41	39,426	570,896
38	Neepawa	3	120,384	24	25,456	320,763
39	Portage la Prairie	3	77,131	18	18,253	194,685
40	Provencier	17	111,414	51	35,098	511,592
41	St. Boniface	4	463,219	216	290,751	595,169
42	Selkirk	10	143,272	44	38,541	576,103
43	Souris	3	33,955	12	11,360	204,172
44	Springfield	2	22,533	10	6,109	67,426
45	Winnipeg	10	2,478,451	678	927,195	1,723,326
Saskatchewan						
		68	3,763,705	850	954,666	5,145,996
46	Assiniboia	3	117,811	15	15,988	200,405
47	Humboldt	2	41,882	11	9,332	97,551
48	Kindersley	1	27,776	4	3,929	35,398
49	Mackenzie	5	88,438	26	25,446	309,140
50	Maple Creek	1	6,250	3	1,210	17,786
51	Melfort	3	139,389	25	22,513	181,378
52	Melville	4	138,068	33	36,617	438,972
53	Moose Jaw	4	304,493	93	107,911	319,425
54	North Battleford	4	42,928	13	9,308	147,888
55	Priate Albert	7	285,035	50	55,527	320,845
56	Qu'Appelle	3	54,626	17	14,764	177,055
57	Regina	5	843,707	197	240,535	673,371
58	Rosetown	1	34,410	9	6,417	117,600
59	Rosthern	4	71,661	23	19,035	192,580
60	Saskatoon	4	927,086	206	265,029	905,938

INDUSTRIE LAITIÈRE

29

I. General Summary of Statistics of Dairy Factories, 1938—con.

I. Résumé de la statistique de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Fuel used Combustible consommé	Supplies used Fournitures utilisées	Containers used Récipients utilisés	Value of Products — Valeur des produits					No. Total	
			Butter — Beurre		Cheese — Fromage	Ice Cream Crème à la glace			
			\$	\$	\$	\$	\$		
15,515	16,504	11,854	875,426	52,774	16,377	186,112	1,130,689	1	
9,922	8,336	10,197	433,129	306,039	7,263	53,010	799,441	2	
19,986	23,663	17,380	77,176	851,442	33,295	117,824	1,079,737	3	
8,876	8,803	8,975	127,037	527,791	—	37,715	692,543	4	
7,065	5,439	7,121	128,235	—	—	288,686	416,921	5	
16,847	85,579	60,138	1,107,303	431,519	210,539	720,171	2,469,532	6	
10,651	14,197	9,321	250,675	35,650	37,708	102,740	426,743	7	
9,079	2,984	3,179	222,445	12,039	—	74,171	308,655	8	
10,507	11,251	11,601	491,284	387,459	—	64,863	943,606	9	
4,867	6,686	4,694	389,022	—	24,141	5,407	418,570	10	
29,510	17,087	18,276	309,438	717,062	5,719	430,897	1,463,116	11	
1,471	1,043	1,143	59,086	—	—	35,835	94,921	12	
4,632	3,710	3,049	352,938	—	—	2,888	355,826	13	
37,604	18,100	29,703	1,734,854	407,561	—	101,528	2,333,943	14	
7,731	5,216	7,925	312,356	131,974	—	176,139	629,769	15	
14,011	20,686	18,345	67,962	1,055,430	—	8,568	1,131,960	16	
7,671	6,522	6,882	141,380	269,234	—	40,888	451,502	17	
1,342	1,121	1,084	88,778	3,900	—	199	92,877	18	
9,566	9,006	6,969	637,169	59,272	27,050	63,345	786,836	19	
12,281	16,085	13,817	108,999	785,282	—	3,278	897,559	20	
13,323	13,375	13,545	937,458	—	67,120	71,745	1,076,333	21	
25,084	22,270	20,173	161,118	915,747	1,596	362,883	1,441,314	22	
7,592	1,038	588	13,889	4,152	—	355,896	373,937	23	
9,477	21,905	8,455	25,290	—	70,988	493,294	598,572	24	
2,544	1,442	3,854	187,300	—	—	6,927	194,227	25	
4,111	3,664	5,119	454,370	12,291	—	53,776	520,437	26	
23,523	17,741	25,451	1,038,136	95,403	107,675	241,023	1,512,237	27	
7,313	6,142	2,120	90,911	16,431	18,499	152,798	278,649	28	
21,410	9,372	9,875	1,409,656	—	8,689	116,413	1,234,758	29	
21,585	17,377	28,613	94,478	—	126,685	1,281,924	1,503,087	30	
136,964	289,302	219,928	1,459,262	—	910,256	7,122,583	9,492,101	31	
149,103	145,983	177,914	6,165,637	418,123	512,530	3,135,554	10,261,844		
15,021	31,911	19,164	928,752	—	66,965	58,643	1,054,360	32	
1,499	279	2,720	104,956	—	30	195	105,181	33	
5,584	7,634	10,676	510,178	—	—	19,911	560,089	34	
4,425	1,965	7,001	332,176	18,606	—	251	351,035	35	
7,717	6,123	11,549	539,850	—	—	448	540,298	36	
7,497	10,954	15,122	726,679	—	6,500	—	733,179	37	
5,418	4,720	9,383	395,174	—	7,500	235	402,909	38	
3,737	947	4,432	247,905	—	11,600	32,206	291,801	39	
5,641	7,363	15,264	300,512	321,636	350	9	622,507	40	
23,404	16,966	28,305	92,230	106,994	65,221	981,970	1,246,415	41	
7,059	6,109	14,576	739,870	—	—	1,067	740,937	42	
2,280	796	6,988	257,766	—	2,639	95	260,510	43	
1,896	1,478	540	81,018	—	—	11,474	92,532	44	
57,979	48,738	32,137	878,451	888	351,715	2,028,957	3,260,011	45	
147,307	140,873	139,113	5,321,115	59,973	417,475	1,946,038	7,744,601		
4,206	3,142	6,637	259,818	—	2,858	406	263,082	46	
1,624	1,354	3,332	125,066	6,927	—	2,065	134,058	47	
1,227	591	1,000	48,147	—	—	—	48,147	48	
5,335	4,476	9,802	401,534	—	—	205	401,739	49	
873	170	836	25,206	—	—	—	25,206	50	
5,681	9,611	4,480	229,921	—	18,104	18,798	266,823	51	
7,827	7,355	11,105	529,435	11,667	—	10,155	551,257	52	
13,455	14,652	10,194	260,046	—	77,201	263,125	600,372	53	
1,924	1,945	4,140	177,562	3,603	—	5,977	187,112	54	
7,375	9,917	15,167	350,845	23,802	20,072	87,096	481,015	55	
3,469	1,005	4,699	239,089	—	—	1,452	240,541	56	
20,552	36,322	13,716	490,763	—	140,126	590,240	1,221,129	57	
2,493	3,370	3,500	156,807	—	3,678	—	160,485	58	
3,143	1,710	4,533	246,788	4,227	—	1,895	252,910	59	
39,130	30,412	20,428	545,053	—	137,635	843,319	1,524,007	60	

I. General Summary of Statistics of Dairy Factories, 1938—concluded

I. Résumé de la statistique de l'industrie laitière, 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Capital invested Capital engagé	Total of Employees and of Salaries and Wages		Paid to Patrons Sousimes payées aux fournisseurs
				no.	\$	
	Saskatchewan—concluded—fin					
1	Swift Current.....	3	78,352	15	18,190	\$5,628
2	The Battlefords.....	6	186,582	48	37,503	389,092
3	Weyburn.....	3	149,450	26	22,893	109,458
4	Yorkton.....	5	225,761	36	42,519	446,486
	Alberta	108	4,261,992	1,013	1,046,671	6,593,132
5	Acadia.....	4	44,507	27	24,499	230,545
6	Athabasca.....	8	56,715	31	23,222	309,508
7	Battle River.....	5	50,140	20	16,521	200,028
8	Bow River.....	3	35,781	15	15,737	123,641
9	Calgary.....	10	855,169	130	131,430	549,933
10	Camrose.....	17	215,687	92	83,749	949,322
11	Edmonton.....	7	1,878,260	374	441,165	1,606,180
12	Jasper-Edson.....	2	22,959	8	9,870	123,784
13	Lethbridge.....	6	345,347	60	61,994	203,121
14	Macleod.....	5	46,142	14	11,292	99,556
15	Medicine Hat.....	3	159,340	22	25,084	105,638
16	Pence River.....	3	34,389	10	7,819	59,071
17	Red Deer.....	14	242,175	103	96,718	918,502
18	Vegreville.....	6	76,342	26	18,412	236,870
19	Wetaskiwin.....	15	199,029	81	79,159	877,153
	British Columbia—Colombie Britannique	38	3,596,102	856	1,079,406	3,672,415
20	Cariboo.....	4	111,109	27	27,825	184,838
21	Comox-Alberni.....	1	74,433	15	17,635	53,382
22	Fraser Valley.....	2	515,324	42	42,947	703,534
23	Kootenay.....	3	158,242	24	32,585	57,328
24	Nanaimo.....	3	63,006	9	9,154	84,974
25	New Westminster.....	2	19,555	19	14,711	41,126
26	Skeena.....	1	24,367	8	6,746	13,743
27	Vancouver.....	13	2,307,515	614	818,831	2,151,436
28	Victoria.....	3	161,144	67	72,336	122,649
29	Yale.....	6	161,407	31	36,616	259,405

(2) CONCENTRATED MILK FACTORIES¹—FABRIQUES DE LAIT CONCENTRÉ

	Establishments	Capital invested	Total of Employees and Salaries and Wages	Paid to Patrons
	Etablissements	Capital engagé	Total du personnel des appoinements et des salaires	Sommes payées aux fournisseurs
Canada	24	5,928,977	835	912,610
				6,405,842

¹ The concentrated milk factories are located by provinces as follows:— Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

⁴Les fabriques de lait concentré se répartissent ainsi qu'il suit entre les différentes provinces:— Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

INDUSTRIE LAITIÈRE

31

I. General Summary of Statistics of Dairy Factories, 1938—concluded

I. Résumé de la statistique de l'industrie laitière, 1938—fin.

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Fuel used Combustible consommé	Supplies used Fournitures utilisées	Containers used Récipients utilisés	Value of Products Valeur des produits					No. Total	
			Butter — Beurre		Cheese — Fromage	Ice Cream — Crème à la glace			
			\$	\$	\$	\$	\$		
4,961	2,864	1,729	92,403	3,174	4,749	29,344	129,670	1	
8,968	6,346	8,383	443,288	6,573	11,314	29,447	490,022	2	
4,342	942	2,780	135,895	—	—	29,282	165,177	3	
10,422	4,689	12,652	565,349	—	1,738	33,232	600,319	4	
122,590	171,382	160,333	7,157,624	348,104	341,643	1,649,951	9,497,622		
4,654	5,728	6,363	307,050	—	—	1,082	308,132	5	
3,595	3,612	8,484	385,771	2,186	—	51	388,008	6	
3,621	2,087	5,660	256,476	—	—	—	256,476	7	
1,768	2,023	2,234	82,690	78,422	—	1,336	162,448	8	
15,636	31,118	18,297	565,218	—	43,297	229,084	837,599	9	
13,274	12,554	25,265	1,180,949	116,529	—	2,265	1,299,743	10	
32,654	56,103	34,647	1,301,109	—	224,818	1,116,340	2,642,267	11	
1,109	1,062	3,405	154,735	—	—	—	154,735	12	
8,181	21,177	4,520	148,919	34,851	51,340	100,303	335,413	13	
2,463	2,061	2,429	127,548	—	—	—	127,548	14	
3,611	6,918	2,126	83,384	—	18,529	79,005	180,918	15	
1,325	1,006	2,577	76,037	—	3,659	25	79,721	16	
15,036	8,318	13,673	1,146,647	13,687	—	100,203	1,260,537	17	
2,951	3,325	7,448	292,610	23,634	—	521	316,774	18	
12,712	14,290	23,205	1,048,472	79,095	—	19,730	1,147,303	19	
105,618	125,262	93,116	1,504,072	91,861	462,975	3,939,741	5,998,649		
3,427	17,489	4,432	241,918	—	33,457	12,719	288,094	20	
2,089	796	1,500	64,306	—	16,498	116	80,920	21	
23,077	6,519	28,100	561,448	1,707	3,767	375,765	942,687	22	
3,298	2,763	2,209	38,013	—	56,395	40,534	134,942	23	
1,646	1,373	1,005	106,373	—	—	663	107,036	24	
1,338	615	475	12,239	—	8,654	50,591	71,484	25	
857	47	117	3,667	—	2,564	19,846	26,077	26	
58,509	59,237	41,806	222,823	59,946	212,458	3,186,504	3,681,731	27	
7,640	31,019	7,648	172	—	115,782	206,499	322,453	28	
3,737	5,404	5,848	253,113	30,208	13,400	46,504	343,225	29	

(2) CONCENTRATED MILK FACTORIES—FABRIQUES DE LAIT CONCENTRÉ

Fuel used Combustible consommé	Supplies used Fournitures utilisées	Containers used Récipients utilisés	Value of Products Valeur des produits					Total
			Condensed milk — Lait condensé		Evaporated milk — Lait évaporé	Milk powder and skim milk powder — Lait en poudre et lait écrémé en poudre	Other — Autres ¹	
			\$	\$	\$	\$	\$	
402,411	398,932	2,281,567	807,276	7,433,009	2,166,563	2,783,174	13,190,013	

¹ Included with "Other Products" of concentrated milk factories for Ontario are the following:—
2,689,575 pounds of butter, value \$699,545 and 473,255 pounds of cheese, value \$68,180.

¹ Avec les produits des fabriques de lait concentré sont inclus:—
2,689,575 livres de beurre, valant \$699,545 et 473,255 livres de fromage, valant \$68,180 dans Ontario.

DAIRY FACTORIES

II. Capital Invested in Dairy Factories^a 1938

II. Capitaux engagés dans l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES^b—FABRIQUES DE BEURRE ET DE FROMAGE^c

Province and County or District Provinces et comtés ou districts	Establishments Établissements	Land, buildings, machinery and tools Terrains, bâtiments, machinerie et outillage	Stocks in process, finished products, fuel and supplies on hand Stocks en voie de fabrication, produits finis, com- bustible et fournitures en mains	Cash and operating accounts Caisse et comptes courants	Total capital invested Total des capitaux engagés
					no. \$ \$
Canada	2,528	47,791,535	5,787,383	8,902,490	62,481,408
Prince Edward Island—Ile du Prince-Edouard	29	255,585	46,895	68,204	370,684
Kings.....	4	11,500	182	814	12,269
Prince.....	10	65,900	12,107	9,972	87,979
Queens.....	15	178,185	34,606	57,618	270,409
Nova Scotia—Nouvelle-Écosse	29	738,468	139,427	349,866	1,227,761
Annapolis.....	1	12,057	1,882	11,916	25,855
Antigonish.....	21	3	93,778	6,098	18,797
Cape Breton.....	11	109,290	10,007	60,582	179,885
Colchester.....	3	44,998	14,547	24,643	84,188
Cumberland.....	4	6,375	3,500	200	10,075
Digby.....	1	237,326	46,262	110,568	394,156
Halifax.....	4	20,115	3,395	26,378	49,888
Hants.....	2	12,620	—	—	12,620
Inverness.....	2	43,243	10,913	22,384	76,540
Kings.....	3	41,675	5,978	3,109	50,762
Yarmouth.....	2	75,459	27,011	43,404	145,874
Pictou.....	1	8,160	—	—	8,160
Victoria.....	2	33,366	9,839	27,885	71,090
New Brunswick—Nouveau-Brunswick	34	813,167	121,745	151,322	1,086,234
Albert.....	1	3,000	—	—	3,000
Gloucester.....	1	22,062	21,973	2,451	46,486
Kings.....	10	36,102	20,246	19,016	75,364
Madawaska.....	3	37,247	5,230	2,627	45,104
Northumberland.....	1	3,250	50	1,700	5,000
Restigouche.....	3	64,158	6,599	9,673	80,430
Saint John.....	3	289,292	10,771	43,452	343,515
Victoria.....	1	6,000	—	80	6,080
Westmorland.....	6	72,532	6,934	23,326	102,792
Carleton.....	1	—	—	—	—
Charlotte.....	1	279,524	49,942	48,997	378,463
York.....	3	—	—	—	—
Quebec	1,179	13,929,834	876,793	1,946,485	16,753,114
Abitibi.....	8	66,156	2,807	2,754	71,717
Argenteuil.....	7	54,520	4,707	7,135	66,302
Arthabaska.....	44	234,972	2,375	1,570	239,217
Bagot.....	21	191,076	6,903	1,208	199,187
Beauvois.....	48	173,333	1,967	100	175,400
Beaubarnois.....	6	172,557	3,856	7,356	183,769
Bellechasse.....	27	118,400	4,132	454	122,986
Berthier.....	17	135,489	2,954	2,139	140,582
Bonaventure.....	15	58,078	1,341	593	60,012
Brome.....	6	117,209	5,564	15,937	138,710
Chambly.....	2	11,000	40	—	11,040
Champlain.....	25	170,411	3,841	5,324	179,576
Charlevoix.....	12	58,200	298	1,300	59,798
Chateauguay.....	7	49,153	2,132	250	51,535
Chicoutimi.....	40	201,395	6,116	4,812	212,323
Compton.....	17	182,863	11,669	9,218	203,750
Deux-Montagnes.....	12	140,729	17,106	4,808	162,643
Dorchester.....	28	167,650	6,695	3,694	178,039

^a Comprising creameries, cheese factories and combined butter and cheese factories.^b Y compris beurries, fromageries et fabriques de beurre et de fromage.

II. Capital Invested in Dairy Factories, 1938—con.

II. Capitaux engagés dans l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Province and County or District Provinces et comtés ou districts	Establishments Établissements	Land, buildings, machinery and tools Terrain, bâtiments, machinerie et outillage	Stocks in process, finished products, fuel and supplies on hand	Cash and operating accounts Caisse et comptes courants	Total capital invested Total des capitaux engagés
no.	\$	\$	\$	\$	\$
Quebec—concluded—fin					
Dreaumond.....	22	177,531	18,048	5,909	201,488
Frontenac.....	29	185,362	2,791	2,156	190,309
Gaspé-Nord.....	2	9,600	—	—	9,600
Gaspé-Sud.....	4	12,140	40	800	12,980
Gatineau et Hull.....	9	101,709	7,961	9,925	119,595
Huntingdon.....	8	118,738	10,572	94,471	223,781
Iberville.....	5	83,216	7,752	25,091	116,059
Joliette.....	18	166,599	2,557	1,995	171,161
Kamouraska.....	17	123,910	4,528	6,409	134,847
Lalibelle.....	12	103,960	6,243	15,286	125,489
Lac St-Jean.....	40	255,951	2,583	550	259,084
Lanouirie.....	2	28,000	400	—	28,400
L'Assomption.....	10	96,889	1,872	7,752	106,513
Laviolle.....	9	69,100	7,948	13,234	90,282
Levin.....	5	17,595	235	1,576	19,406
L'Istot.....	14	86,708	1,933	1,526	90,167
Lothinière.....	28	155,420	4,718	5,940	166,078
Maskinongé.....	19	145,813	2,932	6,064	154,809
Matane.....	12	78,670	14,026	1,175	93,871
Matapedia.....	13	74,239	1,282	4,348	79,869
Mégantic.....	33	153,636	4,251	732	158,619
Mississquoi.....	9	144,482	31,453	17,176	103,111
Montcalm.....	11	86,064	3,523	5,737	95,324
Montmagny.....	16	77,690	963	969	79,622
Montmagny.....	9	33,150	1,040	195	34,085
Montréal (cité).....	10	4,050,508	354,739	1,240,543	5,645,790
Napierville.....	3	47,822	2,848	11,653	62,323
Nicélet.....	56	331,900	5,270	6,777	343,947
Papineau.....	30	149,941	12,920	3,986	168,847
Pontiac.....	5	101,074	7,594	55,541	104,209
Portneuf.....	28	180,915	6,991	5,397	193,303
Québec.....	5	804,721	55,936	122,958	1,013,615
Richelieu.....	15	100,300	1,829	3,150	105,279
Richmond.....	21	153,228	6,537	955	160,720
Rimouski.....	19	102,843	1,590	1,563	105,996
Rivière-du-Loup.....	23	166,823	2,112	6,094	175,020
Roberval.....	40	308,813	7,985	1,432	318,230
Rouville.....	21	164,150	3,750	8,020	175,920
Saguenay.....	3	16,300	585	600	17,485
Sherfford.....	24	298,131	15,752	17,542	331,425
Sherbrooke.....	5	338,608	41,499	18,930	399,037
Soulages.....	8	88,230	3,694	7,468	99,392
Stanstead.....	8	117,700	10,500	29,628	157,828
St-Hyacinthe.....	20	295,525	12,069	7,707	315,301
St-Jean.....	3	52,992	2,905	7,373	63,270
St-Maurice.....	15	382,044	35,366	54,273	471,683
Témiscamingue.....	12	107,642	3,562	4,036	115,240
Témiscouata.....	9	46,878	1,548	1,386	49,812
Terrebonne.....	12	135,606	4,626	12,224	152,456
Vaudreuil.....	9	57,252	2,159	5,080	65,091
Vercheres.....	8	64,900	3,302	4,332	72,534
Wolfe.....	35	173,723	7,088	7,014	187,825
Yamaska.....	34	201,902	7,285	255	209,442
Ontario	958	20,877,666	2,431,523	3,752,223	27,061,412

DAIRY FACTORIES

II. Capital Invested in Dairy Factories, 1938—con.

II. Capitaux engagés dans l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Province and County or District Provinces et comtés ou districts	Establishments Établissements	Land, buildings, machinery and tools Terrains, bâtiments, machinerie et outillage	Stocks in process, finished products, fuel and supplies on hand Stocks en voie de fabrication, produits finis, com- bustible et fournitures en mains	Cash and operating accounts Caisse et comptes courants	Total capital invested Total des capitaux engagés			
					no.	\$	\$	\$
Ontario—concluded—fin								
Durham.....	4	31,785	4,740	5,522			42,047	
Elgin.....	14	146,978	14,749	47,813			209,540	
Essex.....	10	612,077	42,250	248,792			903,119	
Frontenac.....	49	438,314	28,264	47,205			513,783	
Glengarry.....	60	163,081	10,665	12,339			186,085	
Grenville.....	28	130,881	14,332	17,819			163,032	
Grey.....	14	284,666	47,171	34,174			366,011	
Haldimand.....	5	146,743	33,842	47,997			228,582	
Halton.....	4	67,267	7,076	20,708			95,051	
Hastings.....	66	438,504	39,857	48,848			527,209	
Huron.....	16	248,410	58,075	53,482			360,867	
Kent.....	9	291,917	50,723	68,720			411,360	
Lambton.....	9	368,918	28,005	44,895			441,818	
Lennox.....	30	262,999	19,339	29,442			311,780	
Leeds.....	60	410,526	49,810	35,840			496,176	
Lennox and Addington.....	23	113,807	2,957	17,806			134,570	
Lincoln.....	4	386,840	25,881	52,574			465,295	
Middlesex.....	25	1,357,441	175,428	122,176			1,655,045	
Nipissing.....	7	195,089	29,956	33,887			258,932	
Norfolk.....	4	199,400	2,060	8,038			129,498	
Northumberland.....	25	170,011	10,967	34,281			215,259	
Ontario.....	7	189,659	13,332	5,390			185,381	
Oxford.....	25	283,275	37,652	36,646			357,573	
Parry Sound.....	2	43,098	4,638	4,909			52,045	
Peel.....	5	103,422	17,173	29,693			150,298	
Perth.....	28	459,136	98,281	164,674			722,091	
Peterborough.....	19	170,665	9,630	15,560			195,855	
Prescott.....	68	215,555	2,636	3,794			221,985	
Prince Edward.....	17	83,268	4,300	7,393			94,961	
Rainy River.....	4	27,828	5,740	5,287			38,855	
Renfrew.....	16	186,362	50,335	49,024			285,721	
Russell.....	45	177,100	9,905	1,798			188,863	
Simcoe.....	12	255,145	36,425	65,883			357,453	
Stormont.....	42	335,635	15,713	36,841			388,189	
Sudbury.....	3	107,353	78,149	49,017			234,519	
Thunder Bay.....	3	132,714	27,282	76,496			236,492	
Timiskaming.....	5	49,105	18,442	7,210			74,757	
Victoria.....	7	82,365	10,847	7,438			100,650	
Waterloo.....	12	748,513	106,263	50,645			905,421	
Welland.....	4	100,232	10,953	25,443			136,628	
Wellington.....	11	266,403	52,397	50,348			369,148	
Wentworth.....	5	778,914	35,812	157,940			972,466	
York.....	18	6,384,103	510,087	690,311			7,565,101	
Manitoba.....	85	3,024,793	556,657	778,954	4,360,404			
Brandon.....	7	201,350	141,541	55,751			398,642	
Churchill.....	1	22,500	—	—			22,500	
Dauphin.....	6	108,847	10,493	55,235			174,575	
Lisgar.....	5	57,146	8,622	1,879			67,647	
Macdonald.....	7	72,631	9,033	34,295			115,959	
Marquette.....	7	90,882	20,532	19,308			130,722	
Neepawa.....	3	62,107	46,406	11,871			120,384	
Portage la Prairie.....	3	43,753	32,255	1,123			77,131	
Provencier.....	17	103,806	6,462	1,146			111,414	
St. Boniface.....	4	258,517	40,996	163,706			463,219	
Selkirk.....	10	90,602	33,196	19,474			143,272	
Souris.....	3	25,521	5,784	2,640			33,955	
Springfield.....	2	18,200	2,688	1,645			22,533	
Winnipeg.....	10	1,868,931	198,639	410,881			2,478,451	
Saskatchewan.....	68	2,722,404	568,675	472,626	3,763,705			
Assiniboia.....	3	74,345	30,722	12,744			117,811	
Humboldt.....	2	35,675	5,171	1,036			41,882	
Kindersley.....	1	24,381	2,719	676			27,776	

II. Capital Invested in Dairy Factories, 1938—concluded

II. Capitaux engagés dans l'industrie laitière, 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Province and County or District Provinces et comtés ou districts	Establishments Établissements	Land, buildings, machinery and tools Terrains, bâtiments, machinerie et outillage	Stocks in process, finished products, fuel and supplies on hand	Cash and operating accounts	Total capital invested
			Stocks en voie de fabrication, produits finis, com- bustible et fournitures en mains	Caisse et comptes courants	Total des capitaux engagés
			no.	\$	\$
Saskatchewan—concluded—fin					
Muckenzie.....	5	70,225	12,748	5,405	88,438
Maple Creek.....	1	5,500	200	550	6,250
Melfort.....	3	107,295	22,727	9,367	139,389
Melville.....	4	122,833	13,161	2,024	138,068
Moose Jaw.....	4	146,885	32,818	124,790	304,493
North Battleford.....	4	30,379	6,116	433	42,928
Prince Albert.....	7	166,408	61,222	57,405	285,035
Qu'Appelle.....	3	47,474	5,369	1,783	54,626
Regina.....	5	643,316	113,532	86,859	843,707
Rosetown.....	1	23,450	8,622	2,338	34,410
Rosthern.....	4	36,432	16,280	18,949	71,661
Saskatoon.....	4	692,189	130,828	104,069	927,086
Swift Current.....	3	53,877	17,242	7,233	78,352
The Battlefords.....	6	145,245	24,602	16,675	186,582
Weyburn.....	3	127,623	10,186	11,641	149,460
Yorkton.....	5	162,822	54,350	8,589	225,761
Alberta	108	2,835,911	633,911	792,170	4,261,992
Acadia.....	4	28,628	5,298	10,581	44,507
Athabasca.....	8	44,956	6,881	4,878	56,715
Battle River.....	5	42,879	5,958	1,303	50,140
Bow River.....	3	26,785	4,342	4,654	35,781
Calgary.....	10	494,817	171,557	188,795	855,169
Canmore.....	17	146,171	61,370	8,156	215,697
Edmonton.....	7	1,214,919	216,244	447,097	1,878,260
Jasper-Edson.....	2	17,673	1,874	3,412	22,959
Lethbridge.....	6	285,326	27,617	32,404	345,347
Macleod.....	5	31,895	9,897	4,350	46,142
Medicine Hat.....	3	120,286	29,260	9,794	159,340
Peace River.....	3	21,300	8,585	4,504	34,389
Red Deer.....	14	168,534	44,947	30,694	242,176
Vegreville.....	6	55,505	12,944	7,893	76,342
Wetaskiwin.....	15	138,237	27,137	33,655	199,029
British Columbia—Colombie Britannique	38	2,583,707	411,755	590,640	3,596,102
Cariboo.....	4	51,805	36,135	23,369	111,109
Comox-Alberni.....	1	20,553	20,604	33,216	74,433
Fraser Valley.....	2	247,978	126,197	141,149	515,324
Kootenay.....	3	84,597	44,688	28,957	158,242
Nanaimo.....	3	30,285	5,668	27,053	68,006
New Westminster.....	2	16,882	625	2,048	19,555
Skeena.....	1	21,324	1,874	1,169	24,367
Vancouver.....	13	1,918,832	128,799	259,884	2,307,515
Victoria.....	3	106,056	20,115	34,973	161,144
Yale.....	6	95,595	26,990	38,822	161,407

(2) CONCENTRATED MILK FACTORIES¹—(2) FABRIQUES DE LAIT CONCENTRÉ¹

Canada.....	24	3,353,136	1,609,361	966,480	5,928,977
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¹ The concentrated milk factories are located by provinces as follows:—

Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

¹ Les fabriques de lait concentré repartissent ainsi qu'il suit entre les différentes provinces:—

Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

DAIRY FACTORIES

III. Labour Statistics of Dairy Factories, 1938

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Employees on Salaries Employés à salaire		Employees on Wages Employés à gages	
			no.	\$	no.	\$
	Canada.	2,528	5,947	5,436,655	11,389	11,102,301
	Prince Edward Island—Ile du Prince-Edouard.	29	66	45,277	45	31,814
1	Kings.	4	4	1,574	3	696
2	Prince.	10	17	11,813	5	2,261
3	Queens.	15	45	31,890	37	28,857
	Nova Scotia—Nouvelle-Ecosse.	29	163	128,919	230	204,648
4	Annapolis.	1	6	7,285	6	5,372
5	Antigonish.	2	3	4,420	19	16,115
6	Cape Breton.	1	3	23,315	24	17,202
7	Colchester.	3	19	8,218	17	13,733
8	Cumberland.	4	7	800	2	641
9	Digby.	1	2	34,566	87	101,301
10	Halifax.	4	22	4,551	10	6,666
11	Hants.	2	5	2,970	2	1,112
12	Inverness.	2	2	12,947	22	10,188
13	Kings.	3	12	2,900	12	7,225
14	Lunenburg.	1	3	15,177	9	6,928
15	Pictou.	2	13	1,320	1	197
16	Victoria.	1	1	10,450	19	17,968
	New Brunswick—Nouveau-Brunswick.	34	90	83,827	185	149,834
17	Albert.	1	2	1,300	—	—
18	Gloucester.	1	2	2,000	5	2,657
19	Kings.	10	19	13,016	11	10,321
20	Madawaska.	3	6	2,480	4	1,105
21	Northumberland.	1	3	1,682	2	458
22	Restigouche.	3	4	3,518	5	3,044
23	Saint John.	3	19	26,875	74	69,327
24	Victoria.	1	1	480	1	120
25	Westmorland.	6	16	10,050	12	9,516
26	Carleton.	1	5	22,426	71	53,286
	Quebec.	1,179	2,112	1,327,755	2,961	2,282,296
27	Abitibi.	8	12	6,490	8	2,066
28	Argenteuil.	7	15	10,298	14	5,985
29	Arthabaska.	44	63	30,468	35	6,907
30	Bagot.	21	38	19,992	27	7,689
31	Beauce.	48	61	24,023	14	2,948
32	Beauharnois.	6	11	9,315	18	13,400
33	Bellechasse.	27	41	14,180	12	1,772
34	Berthier.	17	26	12,475	20	3,791
35	Bonaventure.	15	22	7,293	2	375
36	Brome.	6	12	11,805	24	12,113
37	Chambly.	2	4	2,003	1	300
38	Champlain.	25	34	19,939	24	5,865
39	Charlevoix.	12	16	7,270	8	1,900
40	Châteauguay.	7	13	9,359	18	8,056
41	Chicoutimi.	40	57	27,291	21	4,762
42	Compton.	17	39	23,221	16	4,696
43	Deux-Montagnes.	12	26	16,327	33	15,480
44	Dorchester.	28	44	19,380	21	5,452
45	Drummond.	22	36	20,352	40	18,332
46	Frontenac.	29	45	19,621	16	3,281
47	Gaspé-Nord.	2	3	870	1	113
48	Gaspé-Sud.	4	6	1,527	1	110
49	Gatineau et Hull.	9	20	13,039	29	16,905

¹ Comprising creameries, cheese factories and combined butter and cheese factories.¹ Y compris beurries, fromageries et fabriques de beurre et de fromage.

III. Labour Statistics of Dairy Factories, 1938

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Wage-earners on 15th of each month

Nombre d'employés à gages le 15 de chaque mois

No.

Jan. Janv.	Feb. Févr.	March Mars	April Avril	May Mai	June Juin	July Juillet	August Août	Sept. Sept.	Oct. Oct.	Nov. Nov.	Dec. Déc.	No.
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
9,127	9,149	9,359	10,261	11,508	12,352	12,623	12,403	11,769	11,063	10,348	9,771	
29	29	29	35	42	56	64	67	53	50	40	31	
- 2	- 2	- 2	1 3	2 6	4 7	4 9	4 9	4 7	4 6	4 2	1 2	1 2
27	27	27	31	34	45	51	54	42	40	34	29	3
182	178	182	214	241	273	275	276	259	233	220	198	
5	5	5	7	7	7	7	7	7	6	6	5	4
9	9	12	17	24	27	26	25	22	21	18	11	5
18	19	18	24	24	26	27	29	27	27	25	22	6
10	11	12	17	21	22	21	21	18	16	11	11	7
-	-	-	-	5	5	5	5	4	1	1	-	8
80	77	80	86	87	98	97	97	93	88	88	84	9
11	9	8	9	10	10	10	11	11	10	9	6	10
1	-	-	-	-	2	3	3	2	2	2	-	11
19	19	19	21	20	25	26	27	26	21	22	23	12
12	12	12	12	12	12	12	12	12	12	12	12	13
4	4	3	6	13	14	15	13	11	9	8	7	14
-	-	-	-	-	1	1	1	1	1	1	-	15
13	13	13	15	18	24	25	25	19	17	17	16	
139	145	150	174	199	231	243	230	208	186	163	148	
-	-	-	-	-	-	-	-	-	-	-	-	17
1	3	5	7	7	7	8	8	7	6	4	2	18
4	4	5	10	11	17	20	20	18	10	10	5	19
1	1	1	1	4	6	6	6	5	6	4	3	20
-	-	-	1	2	3	3	2	2	-	-	-	21
3	3	3	3	5	10	11	9	6	4	4	4	22
63	66	66	74	81	87	89	83	72	70	65	66	23
-	-	-	-	1	1	1	1	1	1	-	-	24
7	7	8	11	13	18	21	19	18	13	10	7	25
60	61	62	67	75	82	84	82	79	74	66	61	26
1,857	1,992	2,070	2,404	2,765	2,952	2,968	2,930	2,823	2,700	2,501	2,236	
-	-	-	1	7	8	8	8	8	8	7	2	27
6	6	6	8	12	13	14	13	12	11	9	5	28
16	16	16	20	34	35	35	35	35	34	27	21	29
12	12	16	21	24	27	27	27	26	26	23	21	30
2	2	2	5	10	14	14	13	12	11	9	5	31
14	14	15	17	18	18	18	18	18	18	17	17	32
-	-	-	3	10	12	12	10	11	9	6	1	33
5	5	10	14	18	20	20	20	18	17	13	12	34
-	-	-	-	2	2	2	2	2	2	1	-	35
12	12	14	22	25	24	24	24	24	33	19	15	36
-	-	-	1	1	1	1	1	1	1	1	1	37
6	4	4	19	23	24	24	24	22	21	20	17	38
-	-	-	-	5	7	9	9	7	6	2	1	39
9	8	10	10	15	18	18	16	16	13	12	12	40
3	2	2	5	15	21	22	18	16	15	7	3	41
5	5	6	10	15	15	16	16	16	14	12	8	42
25	25	25	28	29	33	33	33	32	31	30	26	43
8	8	9	12	21	21	21	21	21	20	15	10	44
15	14	15	25	37	40	40	39	39	38	35	27	45
2	2	3	8	14	16	16	16	15	14	9	5	46
-	-	-	-	-	1	1	1	1	1	-	-	47
-	-	-	-	-	1	1	1	1	1	1	-	48
14	14	14	16	25	28	29	29	28	27	19	12	49

DAIRY FACTORIES

III. Labour Statistics of Dairy Factories, 1938—con.

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Employees on Salaries Employés à salaire		Employees on Wages Employés à gages	
			no.	\$	no.	\$
Quebec—concluded—fin						
1	Huntingdon.....	8	21	15,319	17	8,731
2	Iberville.....	5	10	7,704	22	13,717
3	Joliette.....	18	26	13,692	24	7,285
4	Kamouraska.....	17	36	14,508	16	4,430
5	Lambertville.....	12	21	11,831	11	3,493
6	Lac St-Jean.....	40	52	25,483	31	7,370
7	Laprairie.....	2	3	3,100	9	3,205
8	L'Assomption.....	10	19	8,865	12	5,911
9	Laviolette.....	9	13	8,244	7	1,771
10	Lévis.....	5	8	2,355	—	—
11	L'Islet.....	14	22	9,247	9	1,589
12	Lotbinrière.....	28	49	19,668	23	4,632
13	Maskinongé.....	19	27	14,060	22	4,281
14	Matane.....	12	24	10,711	15	3,122
15	Matapedia.....	13	24	9,630	9	2,487
16	Mégantic.....	33	46	20,369	17	3,692
17	Missisquoi.....	9	20	19,365	44	22,702
18	Montcalm.....	11	22	10,622	12	2,529
19	Montmagny.....	16	22	9,307	12	2,015
20	Montmorency.....	9	14	5,482	4	640
21	Montréal (cité).....	10	113	240,916	1,407	1,614,385
22	Napierville.....	3	11	6,126	1	816
23	Nicolet.....	56	87	37,279	47	10,344
24	Papineau.....	30	58	28,232	40	10,287
25	Pontiac.....	5	8	8,642	28	12,723
26	Portneuf.....	28	49	25,629	27	6,492
27	Québec.....	5	65	88,237	223	191,362
28	Richelieu.....	15	19	11,688	14	3,577
29	Richmond.....	21	29	13,133	26	8,054
30	Rimouski.....	19	35	13,241	18	2,459
31	Rivière-du-Loup.....	23	49	18,153	23	3,461
32	Roberval.....	40	62	29,183	40	8,807
33	Rouville.....	21	38	19,999	25	6,860
34	Saguenay.....	3	4	1,474	—	—
35	Shefford.....	24	46	35,040	43	21,250
36	Sherbrooke.....	5	15	18,043	42	31,955
37	Soulanges.....	8	15	10,790	12	5,321
38	Stanstead.....	8	21	17,880	10	5,078
39	St-Hyacinthe.....	20	40	21,252	24	7,522
40	St-Jean.....	3	5	4,960	15	15,078
41	St-Maurice.....	15	32	21,576	72	43,093
42	Témiscamingue.....	12	17	11,944	16	5,848
43	Témiscouata.....	9	17	5,766	7	1,048
44	Terrebonne.....	12	26	15,090	7	1,927
45	Vaudreuil.....	9	13	7,131	6	1,572
46	Verchères.....	8	19	11,299	4	1,224
47	Wolfe.....	35	43	17,961	20	3,151
48	Yamaska.....	34	53	21,006	48	12,702
Ontario.....		958	2,485	2,399,455	5,057	5,230,520
49	Algoma.....	7	14	17,194	32	26,377
50	Brant.....	6	29	33,612	57	55,520
51	Bruce.....	14	46	54,190	127	87,512
52	Carleton.....	50	200	240,765	546	625,461
53	Cochrane.....	9	10	5,949	9	4,675
54	Dufferin.....	4	10	13,643	31	21,420
55	Dundas.....	44	54	35,754	26	10,330
56	Durham.....	4	8	9,191	11	7,179
57	Elgin.....	14	27	27,498	58	49,154
58	Essex.....	10	62	95,182	292	350,055
59	Frontenac.....	49	83	52,629	88	60,890
60	Glenary.....	60	99	44,701	32	12,049
61	Grenville.....	28	46	22,167	18	10,507
62	Grey.....	14	30	32,392	95	70,284

III. Labour Statistics of Dairy Factories, 1938—con.

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Wage-earners on 15th of each month

Nombre d'employés à gages le 15 de chaque mois

No.

Jan. Janv.	Feb. Févr.	March Mars	April Avril	May Mai	June Juin	July Juillet	August Août	Sept. Sept.	Oct. Oct.	Nov. Nov.	Dec. Déc.	No.
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
10	10	10	12	15	17	17	17	16	15	13	12	1
14	15	15	20	22	22	23	19	20	20	18	16	2
2	2	8	17	23	24	24	24	23	23	20	18	3
3	3	3	8	15	16	16	16	16	14	10	7	4
4	4	4	8	10	11	11	10	10	9	9	5	5
5	3	4	15	25	31	31	30	26	25	20	14	6
7	7	7	9	9	9	9	9	9	9	9	9	7
8	8	8	9	11	12	12	12	11	11	9	8	8
1	1	1	3	4	5	6	7	7	7	6	5	9
-	-	-	-	-	-	-	-	-	-	-	-	10
-	-	1	2	8	9	9	9	8	8	7	2	11
10	8	8	14	22	22	23	23	23	23	14	10	12
12	12	12	17	20	20	22	20	20	20	19	17	13
-	-	1	4	14	15	15	15	13	13	9	3	14
1	1	1	4	8	9	9	9	8	8	8	2	15
6	6	7	13	18	16	16	17	15	13	12	6	16
31	30	32	38	40	44	43	43	43	40	37	35	17
-	-	1	9	10	12	12	12	12	12	10	6	18
-	-	-	-	9	12	12	12	12	12	8	1	19
-	-	-	-	4	4	4	4	4	4	-	-	20
1,265	1,324	1,329	1,353	1,361	1,415	1,408	1,397	1,383	1,320	1,336	1,314	21
1	1	1	1	1	1	1	1	1	1	1	1	22
18	17	19	37	46	47	47	47	45	44	36	28	23
10	10	13	20	30	37	40	37	38	31	23	13	24
3	4	6	14	23	28	28	29	27	22	17	11	25
9	7	10	17	24	26	27	27	25	25	22	17	26
196	196	196	199	210	225	223	221	211	196	195	196	27
5	2	5	10	13	14	14	14	13	13	13	10	28
6	6	8	13	23	26	26	22	23	21	14	9	29
3	3	3	7	13	18	18	18	15	13	10	4	30
2	2	2	16	23	23	23	23	23	23	23	6	31
4	4	7	18	30	37	40	40	34	33	19	12	32
12	12	15	22	25	25	25	25	24	20	15	15	33
-	-	-	-	-	-	-	-	-	-	-	-	34
28	21	26	32	37	41	43	42	41	36	34	26	35
29	29	30	30	37	40	42	41	39	31	31	30	36
2	2	5	11	14	14	14	14	12	12	11	10	37
5	6	6	9	10	10	10	9	9	8	7	6	38
8	9	9	15	24	24	24	24	24	24	20	12	39
13	13	14	14	14	15	15	15	14	14	14	13	40
44	42	43	54	67	74	73	74	64	57	53	53	41
5	4	6	12	14	15	16	15	15	15	11	9	42
-	-	1	5	7	7	7	7	6	6	3	-	43
1	1	1	5	7	7	7	6	7	6	6	3	44
-	-	3	5	6	6	6	6	5	5	3	3	45
3	3	3	4	4	4	4	4	4	4	4	4	46
5	4	5	8	18	20	21	20	18	16	9	5	47
12	11	18	32	42	46	48	47	45	43	36	31	48
4,378	4,352	4,403	4,698	5,203	5,484	5,593	5,513	5,302	4,995	4,724	4,560	
18	19	20	23	33	37	37	37	36	32	27	23	49
53	56	57	54	59	60	60	60	61	60	56	56	50
132	128	111	115	122	128	129	130	130	126	115	154	51
510	512	513	517	535	581	588	590	578	545	527	506	52
4	4	7	10	10	10	10	10	10	10	9	8	53
30	27	30	33	32	33	34	32	31	29	26	25	54
7	7	7	13	23	23	29	29	27	23	18	10	55
8	8	8	10	12	12	12	12	12	10	9	9	56
54	54	54	57	58	59	60	60	60	59	57	57	57
278	283	283	285	296	303	312	305	298	287	280	283	58
60	60	61	67	91	94	94	92	89	82	73	65	59
9	8	9	18	31	35	35	35	35	33	21	15	60
10	10	10	12	18	18	18	18	20	20	19	17	14
73	67	74	88	100	101	102	103	99	102	102	101	62

III. Labour Statistics of Dairy Factories, 1938—con.

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Employees on Salaries — Employés à salaire		Employees on Wages — Employés à gages	
			no.	\$	no.	\$
Ontario—concluded—fin						
1	Haldimand.....	5	17	19,554	48	49,499
2	Halton.....	4	11	12,742	20	14,134
3	Hastings.....	66	162	94,016	96	53,782
4	Huron.....	16	41	43,978	68	47,376
5	Kent.....	9	32	38,687	75	72,409
6	Lambton.....	9	32	36,559	72	71,059
7	Lanark.....	30	56	32,724	38	27,716
8	Leeds.....	60	85	50,286	50	31,619
9	Leeds and Addington.....	23	60	31,356	22	10,269
10	Lincoln.....	4	20	29,636	77	80,482
11	Middlesex.....	25	77	79,913	197	160,666
12	Nipissing.....	7	26	25,499	29	25,751
13	Norfolk.....	4	9	8,233	12	8,514
14	Northumberland.....	25	63	39,138	34	22,174
15	Ontario.....	7	13	13,259	27	19,540
16	Oxford.....	25	56	59,566	80	56,763
17	Parry Sound.....	2	7	6,554	8	6,129
18	Peel.....	5	11	16,949	22	18,579
19	Perth.....	28	72	69,322	134	92,809
20	Peterborough.....	19	32	29,537	44	42,971
21	Prescott.....	68	107	53,464	34	8,747
22	Prince Edward.....	17	38	18,065	23	14,779
23	Rainy River.....	4	6	6,517	5	1,960
24	Renfrew.....	16	34	28,756	45	33,337
25	Russell.....	45	73	34,993	22	7,391
26	Simcoe.....	12	30	38,579	82	69,360
27	Stormont.....	42	68	59,385	84	61,129
28	Sudbury.....	3	15	17,829	53	58,537
29	Thunder Bay.....	3	16	24,762	91	109,040
30	Timiskaming.....	5	11	10,975	10	6,181
31	Victoria.....	7	15	14,844	27	26,029
32	Waterloo.....	12	44	53,976	130	133,988
33	Welland.....	4	12	12,534	35	33,305
34	Wellington.....	11	46	49,551	99	62,579
35	Wentworth.....	5	42	69,906	279	368,348
36	York.....	18	327	482,944	1,453	1,902,216
Manitoba.....						
		85	314	104,375	966	1,169,493
37	Brandon.....	7	34	39,732	47	52,131
38	Churchill.....	1	2	2,330	2	1,554
39	Duaphin.....	6	26	24,749	12	10,523
40	Lisgar.....	5	6	7,656	20	12,860
41	Macdonald.....	7	19	20,250	18	9,864
42	Marquette.....	7	22	22,932	19	16,494
43	Neepawa.....	3	11	14,042	13	11,414
44	Portage la Prairie.....	3	6	8,153	12	10,100
45	Provencher.....	17	24	21,793	27	13,305
46	St. Boniface.....	4	33	58,124	183	232,627
47	Selkirk.....	10	19	21,551	25	16,990
48	Souris.....	3	5	6,877	7	4,483
49	Springfield.....	2	3	1,265	7	4,844
50	Winnipeg.....	10	104	154,891	574	772,304
Saskatchewan.....						
		68	262	331,274	588	623,392
51	Assiniboia.....	3	3	4,424	12	11,564
52	Humboldt.....	2	5	4,769	6	4,563
53	Kindersley.....	1	1	1,700	3	2,229
54	Mackenzie.....	5	10	12,191	16	13,255
55	Maple Creek.....	1	2	300	1	910
56	Melfort.....	3	9	9,149	16	13,364
57	Melville.....	4	11	15,982	22	20,635
58	Moose Jaw.....	4	32	40,876	61	67,035
59	North Battleford.....	4	11	8,517	2	791
60	Prince Albert.....	7	13	17,444	37	38,083

III. Labour Statistics of Dairy Factories, 1938—con.

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Wage-earners on 15th of each month

Nombre d'employés à gages le 15 de chaque mois

No.

Jan. Janv.	Feb. Févr.	March Mars	April Avril	May Mai	June Juin	July Juillet	August Août	Sept. Sept.	Oct. Oct.	Nov. Nov.	Dec. Déc.
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
44	44	44	45	49	53	55	54	50	48	46	44
18	18	19	19	19	21	21	20	20	21	21	20
52	51	53	55	104	108	112	105	104	97	90	56
63	64	60	61	73	75	76	69	73	68	61	63
70	71	68	72	78	78	82	81	75	75	75	73
57	59	60	66	74	78	81	81	81	75	70	71
25	23	24	27	41	44	44	45	43	41	33	32
22	22	24	37	52	53	54	53	52	47	41	31
10	10	10	15	21	26	26	25	22	22	18	10
67	65	67	70	77	91	89	91	85	72	69	68
160	161	168	203	224	227	222	216	197	192	176	175
19	19	25	27	32	40	41	40	36	29	25	20
10	10	10	10	12	12	13	13	13	13	11	11
22	18	19	25	36	39	39	40	41	38	36	24
19	19	19	23	29	31	33	33	30	27	25	22
56	56	68	77	87	88	91	90	84	81	74	73
5	5	6	10	11	12	15	13	8	6	5	17
19	20	20	21	22	23	24	24	24	21	22	21
109	104	107	121	139	145	145	139	141	136	125	112
32	32	32	37	45	48	48	50	49	46	43	33
4	4	6	19	36	38	37	37	36	31	26	9
12	13	13	14	25	27	28	26	27	24	23	15
3	3	3	3	5	6	6	6	6	5	2	2
25	25	26	41	51	52	53	52	51	50	47	38
4	4	7	7	21	26	26	24	24	23	17	8
56	57	58	65	82	95	112	112	105	91	75	72
54	54	58	71	90	92	94	95	91	88	73	64
50	50	54	51	54	56	54	53	55	57	53	52
86	86	86	86	89	93	98	100	98	93	91	90
5	5	6	9	9	14	14	14	13	13	9	5
30	31	32	33	37	44	48	48	42	35	34	32
113	116	120	124	137	150	152	147	138	125	119	121
30	30	30	32	36	39	39	39	38	35	31	30
102	99	94	100	110	114	116	99	87	85	83	81
273	273	276	277	282	285	286	286	285	273	275	274
1,406	1,388	1,388	1,437	1,497	1,563	1,602	1,576	1,487	1,390	1,362	1,377
838	838	857	910	1,011	1,092	1,141	1,112	1,029	955	904	880
34	35	36	43	53	57	63	60	54	46	41	36
1	1	1	2	2	2	2	2	2	2	1	38
3	3	6	8	14	20	23	23	19	15	9	39
12	11	17	26	28	28	26	24	23	20	19	15
9	9	11	18	20	22	21	19	19	18	16	12
14	13	15	14	23	29	28	27	24	22	15	14
6	7	9	13	17	16	17	17	18	15	12	8
11	11	11	11	11	13	13	13	12	12	11	11
17	17	18	20	31	38	42	41	30	27	19	18
169	165	167	176	192	200	206	199	188	181	179	174
15	15	18	22	26	31	33	32	31	26	23	21
3	3	3	5	10	10	10	10	9	9	4	4
5	5	5	6	8	9	8	8	8	8	7	5
539	543	540	546	576	617	649	637	592	554	547	556
438	432	452	514	613	729	769	710	663	628	558	501
7	7	7	8	14	21	21	18	14	10	8	51
-	-	3	3	6	10	12	12	9	6	3	52
1	1	1	3	4	5	5	5	4	3	2	53
4	6	6	7	20	29	31	31	24	15	11	8
1	1	1	1	1	1	1	1	1	1	1	55
9	6	6	12	15	20	25	20	17	18	14	14
8	8	8	14	27	32	35	32	30	25	16	11
52	53	56	59	64	68	77	74	65	60	56	58
-	1	-	-	1	4	5	5	4	4	2	1
32	32	32	36	42	43	44	41	40	39	36	30

DAIRY FACTORIES

III. Labour Statistics of Dairy Factories, 1938—concluded

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Employees on Salaries Employés à salaire		Employees on Wages Employés à gages	
			no.	\$	no.	\$
Saskatchewan—concluded—fin						
1	Qu'Appelle.....	3	8	8,812	9	5,952
2	Regina.....	5	44	62,147	153	178,388
3	Rosetown.....	1	3	2,929	6	3,488
4	Rosthern.....	4	8	8,196	15	10,539
5	Saskatoon.....	4	52	78,650	154	186,379
6	Swift Current.....	3	10	12,669	5	5,521
7	The Battlefords.....	6	19	17,198	29	20,305
8	Weyburn.....	3	9	11,477	17	11,416
9	Yorkton.....	5	12	13,844	24	28,675
Alberta.....		108	312	410,230	701	636,441
10	Acadia.....	4	10	12,935	17	11,664
11	Athabasca.....	8	17	16,417	14	6,805
12	Battle River.....	5	11	11,800	9	4,721
13	Bow River.....	3	5	8,254	10	7,483
14	Calgary.....	10	33	50,972	97	80,458
15	Cariboo.....	17	42	50,471	50	33,278
16	Edmonton.....	7	73	125,429	301	315,736
17	Jasper-Edson.....	2	3	4,987	5	4,883
18	Lethbridge.....	6	16	20,230	44	41,764
19	Macleod.....	5	7	7,389	7	3,903
20	Medicine Hat.....	3	8	9,159	14	15,925
21	Peace River.....	3	5	4,179	5	3,640
22	Red Deer.....	14	34	37,113	69	59,605
23	Vegreville.....	6	12	9,916	14	8,496
24	Wetaskiwin.....	15	36	41,079	45	38,080
British Columbia—Colombie Britannique.....		38	203	305,543	653	773,863
25	Cariboo.....	4	10	13,673	17	14,152
26	Comox-Alberni.....	1	4	5,000	11	12,635
27	Fraser Valley.....	2	4	5,233	38	37,714
28	Kootenay.....	3	10	14,247	14	18,338
29	Nanaimo.....	3	6	6,426	3	2,728
30	New Westminster.....	2	6	6,159	13	8,552
31	Skeena.....	1	2	2,476	6	4,270
32	Vancouver.....	13	126	196,769	488	622,071
33	Victoria.....	3	20	30,298	47	42,058
34	Yale.....	6	15	25,271	16	11,345

(2) CONCENTRATED MILK FACTORIES¹—FABRIQUES DE LAIT CONCENTRÉ¹

	no.	no.	\$	no.	\$
Canada.....	24	158	263,792	677	648,818

¹ The concentrated milk factories are located by provinces as follows:
Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

¹ Les fabriques de lait concentré se repartissent ainsi qu'il suit entre les différentes provinces:—
Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

III. Labour Statistics of Dairy Factories, 1938—concluded

III. Main-d'œuvre, appointements et salaires de l'industrie laitière, 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Wage-earners on 15th of each month

Nombre d'employés à gages le 15 de chaque mois

No.

Jan. Janv.	Feb. Févr.	March Mars	April Avril	May Mai	June Juin	July Juillet	August Août	Sept. Sept.	Oct. Oct.	Nov. Nov.	Dec. Déc.
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
Wage-earners on 15th of each month											
2	2	3	5	10	16	18	17	13	7	5	3
135	131	139	147	163	178	186	182	168	151	139	135
4	4	4	5	8	10	11	9	7	5	4	4
7	6	8	15	18	22	23	23	21	17	14	10
139	136	133	137	141	155	163	164	158	184	173	160
1	2	3	3	6	8	9	6	6	5	4	6
22	17	21	23	27	48	42	33	33	30	30	24
11	12	14	17	15	17	19	19	18	21	23	13
3	7	7	19	31	42	42	48	31	27	17	10
548	557	534	651	716	823	844	819	758	685	631	612
8	8	10	13	18	21	22	21	19	16	14	18
3	3	4	5	13	20	22	23	20	15	8	11
3	4	3	6	11	14	17	15	15	8	6	12
5	6	9	8	11	12	10	11	11	9	9	8
84	84	90	97	103	111	112	109	100	97	90	88
25	29	28	49	61	69	69	64	59	45	42	42
273	277	281	292	315	327	330	322	309	295	285	280
1	1	2	4	6	6	7	7	6	5	4	17
34	36	39	43	49	53	54	49	44	44	41	42
4	5	4	6	8	10	12	11	9	8	7	5
12	13	13	14	14	16	15	15	14	14	12	12
2	3	3	4	5	8	8	6	5	4	3	21
53	48	52	55	75	86	86	86	75	67	56	50
4	6	6	6	7	15	22	24	19	17	16	9
37	34	40	49	50	55	58	56	52	40	37	32
618	626	632	661	686	712	726	716	674	631	607	605
15	15	15	15	18	20	24	20	19	18	16	14
11	11	11	11	11	11	11	11	11	11	11	11
33	35	35	42	43	44	44	38	34	34	34	36
10	10	11	14	16	17	17	18	18	16	11	10
3	3	3	3	3	3	3	3	3	3	3	29
13	13	13	16	18	22	22	19	16	6	6	30
6	6	6	6	5	5	7	6	6	7	5	6
475	480	482	497	506	518	521	524	498	473	462	462
40	40	43	43	50	56	58	58	52	47	43	42
12	13	13	14	16	16	19	19	17	16	16	15

(2) CONCENTRATED MILK FACTORIES—FABRIQUES DE LAIT CONCENTRÉ

| no. |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 580 | 582 | 660 | 687 | 717 | 773 | 759 | 765 | 701 | 696 | 620 | 583 |

DAIRY FACTORIES

IV. Materials Used and Products Obtained, 1938

IV. Matières premières employées et produits fabriqués en 1938

(1) BUTTER AND CHEESE FACTORIES¹--FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Patrons		Milk delivered at factory Lait livré aux fabriques	Cream delivered at factory Crème livrée aux fabriques	Amount paid to patrons for Sommes payées aux fournisseurs pour	
			Fournis- seurs	Lait livré aux fabriques	Crème livrée aux fabriques	Milk Lait	Cream Crème	
			no. — nombr.	no. — nombr.	lb. lb	lb. of butter fat lb de gras	\$	\$
	Canada	2,528	386,545	2,791,011,132	211,095,701	36,380,734	53,447,735	
	Prince Edward Island—Ile du Prince- Édouard	29	6,189	6,676,668	2,070,728	80,191	575,991	
1	Kings.....	4	410	716,670	83,661	7,829	21,295	
2	Prince.....	10	1,577	3,190,567	590,461	30,796	159,262	
3	Queens.....	15	4,202	2,769,431	1,396,606	41,566	395,434	
	Nova Scotia—Nouvelle-Ecosse	29	13,296	14,125,162	6,081,725	274,412	1,676,129	
4	Annapolis.....	1	1,200	—	452,852	—	121,369	
5	Antigonish.....	3	975	87,508	237,898	2,394	66,213	
	Cape Breton.....	1						
6	Colchester.....	3	1,285	1,337,784	1,164,799	21,666	339,226	
7	Cumberland.....	4	1,398	340,907	659,342	5,361	178,747	
8	Digby.....	1	200	—	36,614	—	9,309	
9	Halifax.....	4	705	10,752,926	502,373	211,991	137,482	
10	Hants.....	2	1,487	505,785	579,431	11,478	141,688	
11	Inverness.....	2	457	20,713	89,451	469	19,458	
12	Kings.....	3	2,460	491,295	873,081	9,862	252,526	
13	Lunenburg.....	1	700	—	199,961	—	57,474	
14	Pictou.....	2	1,345	152,894	658,813	2,855	184,600	
15	Victoria.....	1	109	—	35,774	—	8,808	
16	Yarmouth.....	2	975	435,440	594,336	8,336	159,229	
	New Brunswick—Nouveau-Brunswick	34	8,684	17,640,050	3,938,422	310,632	1,042,521	
17	Albert.....	1	67	—	33,208	—	7,991	
18	Gloucester.....	1	325	—	131,773	—	30,534	
19	Kings.....	10	1,742	4,439,326	1,202,448	48,413	331,267	
20	Madawaska.....	3	723	—	204,094	—	49,400	
21	Northumberland.....	1	17	193,781	4,268	3,604	1,141	
22	Restigouche.....	3	405	—	155,418	—	30,768	
23	Saint John.....	3	221	5,849,888	207,713	130,217	67,919	
24	Victoria.....	1	150	—	50,829	—	12,600	
25	Westmorland.....	6	3,108	1,579,007	851,826	16,803	213,852	
26	Carleton.....	1						
	Charlottetown.....	1						
	York.....	3						
	Québec	1,179	86,603	858,689,303	56,193,963	10,477,622	15,054,258	
27	Abitibi.....	8	1,088	112,593	580,133	1,216	150,997	
28	Argenteuil.....	7	434	3,575,924	293,421	36,368	71,312	
29	Arthabaska.....	44	2,099	28,888,360	1,151,218	296,375	318,269	
30	Bagot.....	21	1,830	7,487,323	1,662,886	71,941	440,537	
31	Beauce.....	48	2,876	10,401,839	1,177,380	106,261	301,713	
32	Beauharnois.....	6	938	5,542,463	743,840	50,391	196,666	
33	Bellechasse.....	27	1,404	10,763,564	369,347	114,293	96,377	
34	Berthier.....	17	1,281	11,342,609	821,199	105,071	210,955	
35	Bonaventure.....	15	1,026	9,274,578	—	88,748	—	
36	Brome.....	6	1,093	883,452	1,316,263	9,046	345,616	
37	Chambly.....	2	176	1,594,901	84,452	15,852	21,395	
38	Champlain.....	25	1,461	14,981,097	758,036	144,715	196,110	
39	Charlevoix.....	12	658	2,499,310	134,547	28,045	34,666	
40	Châtenuoyau.....	7	645	16,388,860	356,104	211,399	95,535	
41	Chicoutimi.....	40	984	19,344,276	221,266	213,240	60,042	
42	Compton.....	17	1,905	1,512,700	2,069,579	15,488	568,811	
43	Deux Montagnes.....	12	1,108	9,595,242	556,136	105,163	141,088	
44	Dorchester.....	28	2,795	17,320,306	1,159,001	171,352	303,029	
45	Drummond.....	22	1,970	6,376,051	1,736,142	80,379	466,460	
46	Frontenac.....	29	2,090	5,317,757	1,271,980	53,953	328,618	
47	Gaspé-Nord.....	2	105	1,009,226	—	9,710	—	
48	Gaspé-Sud.....	4	237	1,702,331	—	17,693	—	
49	Gatineau et Hull.....	9	1,296	2,965,240	841,066	41,079	211,526	

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

Comprising creameries, cheese factories and combined butter and cheese factories.
Y compris beurseries, fromageries et fabriques de beurre et de fromage.

IV. Materials Used and Products Obtained, 1938

IV. Matières premières employées et produits fabriqués en 1938

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

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. lb.	\$ \$	lb. lb.	\$ \$	gal. gal.	\$ \$	lb. of butter fat lb de gras	\$ \$				
261,657,696	65,835,023	123,498,053	16,741,681	68,107,254	26,221,846	13,592,333	7,769,162	11,091,631	127,659,343		
2,557,447	656,774	449,957	62,528	152,681	57,482	19,943	11,360	66,505	854,649		
103,201	25,415	67,623	9,747	—	—	—	—	64	35,226	1	
723,507	182,751	301,495	41,330	—	—	—	—	19,608	243,689	2	
1,730,649	448,608	80,839	11,451	152,081	57,482	19,943	11,360	46,833	575,734	3	
6,716,643	1,864,848	—	—	1,067,664	388,385	365,781	195,563	564,488	3,013,284		
563,025	152,738	—	—	—	—	4,071	2,172	1,003	155,913	4	
239,265	63,674	—	—	700	230	23,761	12,455	30,084	106,443	5	
1,225,720	341,060	—	—	81,571	17,917	121,284	53,616	132,617	545,210	6	
748,415	198,872	—	—	20,569	7,513	6,225	2,817	56,822	266,024	7	
47,382	12,152	—	—	—	—	—	—	2,196	11,348	8	
275,807	80,542	—	—	829,482	317,545	142,650	92,394	243,892	734,373	9	
707,202	192,918	—	—	43,436	16,475	4,925	2,394	1,833	213,620	10	
101,648	26,850	—	—	1,817	727	4,758	3,167	224	30,968	11	
1,068,325	294,144	—	—	38,215	13,080	18,201	8,152	2,333	318,309	12	
242,032	69,528	—	—	—	—	516	276	23,355	93,159	13	
763,600	205,453	—	—	12,130	3,881	20,076	9,045	43,457	261,836	14	
43,706	11,572	—	—	—	—	720	382	25	11,979	15	
690,516	215,345	—	—	29,444	10,417	18,594	8,693	26,647	261,102	16	
4,521,525	1,161,741	552,589	76,415	1,122,509	425,934	62,940	36,243	260,087	1,960,420		
40,312	10,943	—	—	—	—	—	—	—	10,943	17	
149,594	38,196	—	—	—	—	—	—	8,562	46,758	18	
1,437,478	374,979	403,230	50,408	9,216	2,843	2,749	962	44,194	479,386	19	
248,712	58,558	—	—	—	—	—	—	1,169	59,727	20	
2,326	581	—	—	19,378	6,201	—	—	3,393	10,175	21	
170,043	51,937	—	—	—	—	—	—	19,343	71,280	22	
118,813	29,790	—	—	542,590	196,513	57,325	33,863	80,764	340,930	23	
63,536	14,685	—	—	—	—	—	—	—	14,685	24	
1,031,773	257,892	149,350	20,007	—	—	170	70	8,126	284,095	25	
1,258,938	324,180	—	—	551,325	220,377	2,696	1,348	96,536	642,441	26	
79,758,453	19,577,024	28,569,121	3,822,843	15,231,712	5,430,847	4,492,424	2,265,025	2,373,170	33,468,909		
702,590	172,996	11,165	1,623	—	—	6,355	1,504	244	176,367	27	
366,943	88,677	324,120	43,066	—	—	—	—	—	131,743	28	
1,602,918	400,728	2,115,505	276,716	60,743	15,689	40,000	11,500	16	704,649	29	
2,334,660	570,317	83,175	14,401	—	—	400	160	1,914	586,792	30	
1,550,031	368,781	775,220	101,178	—	—	—	—	—	469,959	31	
1,088,270	267,317	86,993	11,582	—	—	2,618	894	14,776	294,569	32	
627,914	150,516	695,018	91,222	—	—	—	—	1,542	243,280	33	
1,435,673	345,921	161,333	21,057	—	—	165	66	2,935	309,979	34	
410,854	97,825	64,618	8,089	—	—	—	—	—	105,914	35	
1,398,158	340,205	—	—	—	—	194,663	63,000	875	404,080	36	
101,328	24,395	135,224	18,052	—	—	—	—	—	42,447	37	
1,464,074	352,790	217,163	28,924	—	—	34,044	10,970	1,798	384,482	38	
167,038	42,849	213,660	28,262	5,400	1,728	3,430	1,714	2,750	77,303	39	
590,037	145,289	203,244	35,087	390,613	59,000	205,045	85,143	222	324,741	40	
249,216	68,651	1,710,025	227,163	87,222	31,733	1,584	1,060	11,581	340,198	41	
2,455,257	596,822	45,590	6,155	—	—	117,046	37,975	4,726	645,678	42	
918,668	225,837	203,774	81,685	67,238	15,582	18,916	6,504	551	330,169	43	
2,014,699	493,925	322,137	43,732	—	—	—	—	162	537,822	44	
2,113,798	519,141	470,329	61,749	121,284	45,412	26,565	11,486	9,025	646,813	45	
1,583,404	377,575	479,480	63,424	—	—	98	24	—	441,023	46	
48,368	12,010	—	—	—	—	—	—	—	12,010	47	
83,409	21,319	—	—	—	—	—	—	—	21,319	48	
1,030,393	246,396	165,300	22,432	119,961	49,246	4,500	2,220	2,096	322,390	49	

IV. Materials Used and Products Obtained, 1938—cont.

IV. Matières premières employées et produits fabriqués en 1938—suite

(I) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Patrons Fournisseurs	Milk delivered at factory Lait livré aux fabriques	Cream delivered at factory Crème livrée aux fabriques	Amount paid to patrons for Sommes payées aux fournisseurs pour			
						no. nomb.	no. nomb.	lb. lb	lb. of butter fat lb de gras
Québec—concluded—fin									
1	Huntingdon.....	8	991	22,229,888	507,822	212,751	146,627		
2	Iberville.....	5	560	15,562,243	157,802	197,573	42,553		
3	Joliette.....	18	1,617	172,511	1,695,750	1,657	440,970		
4	Kamouraska.....	17	1,574	14,282,046	460,474	128,199	119,650		
5	Labelle.....	12	1,432	769,759	1,024,712	7,813	266,230		
6	Lac-St-Jean.....	40	1,043	35,561,497	212,749	395,248	54,823		
7	Laprairie.....	2	395	4,106,670	195,947	41,391	52,618		
8	L'Assomption.....	10	1,020	3,608,588	790,411	33,572	205,635		
9	Laviotette.....	9	637	2,313,457	328,652	22,364	87,248		
10	Lévis.....	5	357	1,288,827	173,157	12,090	44,603		
11	L'Islet.....	14	1,297	6,533,425	370,988	60,093	94,334		
12	Lothinière.....	28	2,352	16,227,667	1,280,896	154,963	330,263		
13	Maskinongé.....	19	1,166	8,953,714	850,234	89,892	223,310		
14	Matane.....	12	1,092	14,643,755	155,135	138,908	40,706		
15	Matapedia.....	13	1,121	7,945,468	425,172	81,874	100,143		
16	Mégantic.....	33	1,829	8,821,586	1,092,537	88,882	297,228		
17	Missisquoi.....	9	1,136	18,519,804	951,655	206,008	253,568		
18	Montealn.....	11	1,074	—	927,813	—	243,163		
19	Montmagny.....	18	1,117	8,700,740	318,602	95,815	84,173		
20	Montmorency.....	9	560	4,826,714	109,480	45,446	27,579		
21	Montréal (cité).....	10	—	154,939,274	2,911,642	2,940,425	951,724		
22	Napierville.....	3	774	5,682,809	225,832	55,949	59,555		
23	Nicolet.....	56	3,028	42,624,366	1,550,140	414,327	406,764		
24	Papineau.....	30	2,731	11,377,038	1,702,735	122,617	443,985		
25	Pontiac.....	5	1,555	1,080,000	1,019,909	10,800	255,330		
26	Portneuf.....	23	1,882	19,924,203	821,629	194,777	220,562		
27	Québec.....	5	—	21,815,916	1,144,130	455,164	323,243		
28	Richelieu.....	15	732	3,676,235	720,875	38,806	190,597		
29	Richmond.....	21	1,003	9,808,968	722,052	105,051	215,750		
30	Rimouski.....	19	1,253	19,598,855	214,130	194,611	55,733		
31	Rivière-du-Loup.....	23	2,076	29,701,418	474,942	277,470	127,848		
32	Roberval.....	40	1,789	34,242,675	521,745	355,632	135,428		
33	Rouville.....	21	1,299	18,291,269	901,623	161,829	243,459		
34	Saguenay.....	3	132	161,443	80,425	2,056	20,729		
35	Shefford.....	24	2,123	1,726,972	3,130,107	23,049	832,597		
36	Sherbrooke.....	5	924	2,513,959	956,031	48,445	267,307		
37	Soulange.....	8	907	4,068,804	850,610	38,858	244,406		
38	Stanstead.....	8	1,256	172,178	1,774,465	3,198	488,474		
39	St-Hyacinthe.....	20	1,449	14,286,064	1,162,407	137,897	306,041		
40	St-Jean.....	3	668	3,316,641	439,083	45,178	111,364		
41	St-Maurice.....	15	1,622	7,828,237	1,064,887	127,824	324,609		
42	Témiscamingue.....	12	984	1,242,370	973,707	11,964	249,971		
43	Témiscouata.....	9	813	5,762,551	132,987	54,041	35,884		
44	Terrebonne.....	12	1,123	3,222,538	547,085	46,176	143,016		
45	Vaudreuil.....	9	532	4,016,363	398,334	41,742	104,640		
46	Verchères.....	8	680	4,594,100	648,356	45,244	163,848		
47	Wolfe.....	35	1,504	14,889,549	720,287	151,682	188,718		
48	Yamaska.....	34	1,895	35,083,087	1,000,704	363,003	264,497		
Ontario.....		958	121,615	1,507,677,873	70,744,766	18,812,695	19,402,124		
49	Algoma.....	7	1,569	1,704,618	718,991	34,549	173,844		
50	Brant.....	6	1,047	9,597,842	858,561	151,952	231,070		
51	Bruce.....	14	6,529	6,262,810	4,151,578	74,099	1,121,413		
52	Carleton.....	50	3,135	122,804,072	1,693,866	1,555,168	447,310		
53	Cochrane.....	9	437	1,872,017	176,301	24,920	44,289		
54	Dufferin.....	4	2,007	—	1,272,310	—	337,636		
55	Dundas.....	44	1,244	73,288,160	96,688	734,835	27,293		
56	Durham.....	4	1,365	—	721,259	—	182,644		
57	Elgin.....	14	1,416	20,456,864	756,590	248,087	206,464		
58	Essex.....	10	1,749	43,416,545	290,445	759,921	78,856		
59	Frontenac.....	49	1,809	65,844,862	705,917	721,861	144,888		
60	Glenary.....	60	1,858	71,705,467	245,755	760,674	73,246		
61	Grenville.....	28	1,297	28,807,736	482,599	290,831	128,349		
62	Grey.....	14	5,204	1,142,284	3,675,017	19,202	990,170		
63	Haldimand.....	5	2,971	9,922,062	2,047,629	123,723	541,523		

IV. Materials Used and Products Obtained, 1938—con.

IV. Matières premières employées et produits fabriqués en 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

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. lb.	\$ lb.	lb. lb.	\$ lb.	gal. gal.	\$ \$	lb. of butter fat lb de gras	\$ \$	\$ \$	\$ \$	
1,093,988	278,062	—	—	5,000	1,672	397,783	129,730	11,873	421,337	1
346,821	87,270	112,523	13,946	414,364	84,002	226,565	79,909	31,638	296,765	2
2,101,558	—	506,906	—	—	—	—	—	7,543	514,449	3
1,182,622	279,028	75,611	9,963	—	—	680	251	—	289,242	4
1,269,668	303,734	74,962	10,163	—	—	—	—	146	314,043	5
319,202	77,797	3,436,061	452,331	—	—	—	—	776	530,904	6
423,953	107,458	—	—	—	—	—	—	—	107,458	7
1,138,211	275,048	—	—	—	—	—	—	523	275,571	8
475,439	117,943	64,943	8,715	—	—	—	—	78	126,736	9
248,198	59,259	45,311	6,131	—	—	—	—	—	65,390	10
706,350	170,523	93,405	12,974	—	—	—	—	35	183,532	11
2,212,876	541,198	209,080	28,184	—	—	403	121	—	569,503	12
1,276,000	311,475	330,072	45,438	—	—	—	—	32	356,945	13
786,400	189,823	123,787	16,211	—	—	—	—	—	206,034	14
792,862	187,081	217,201	28,857	—	—	79	18	—	215,956	15
1,395,623	347,694	566,267	74,012	—	—	57,546	21,848	—	443,554	16
1,368,663	336,605	—	—	25,550	7,665	480,691	169,694	48,833	562,797	17
1,158,757	280,131	—	—	—	—	500	212	1,291	281,634	18
703,209	170,842	283,637	37,495	—	—	675	360	929	209,626	19
355,281	85,929	—	—	—	—	—	—	16	85,945	20
2,105,171	568,285	—	—	11,161,144	4,058,763	1,775,622	1,222,206	1,639,366	7,486,620	21
529,307	132,808	—	—	—	—	—	—	191	132,999	22
2,978,895	716,613	1,663,120	220,726	17,337	3,460	—	—	558	941,357	23
2,100,888	527,387	1,084,529	144,987	—	—	—	—	129	672,503	24
1,219,041	295,165	96,950	12,900	—	—	—	—	10,389	318,454	25
1,806,798	444,489	218,457	30,306	—	—	19,924	8,454	558	481,807	26
976,341	269,506	—	—	1,867,990	748,157	212,113	140,921	300,169	1,467,753	27
911,621	216,995	308,552	41,385	11,298	3,389	502	200	1,405	263,374	28
795,303	210,456	639,074	84,765	—	—	167,297	58,275	17,003	370,502	29
693,876	163,501	926,068	121,952	—	—	12,141	3,724	—	289,177	30
1,942,558	463,053	—	—	—	—	30	83	—	463,136	31
936,341	227,949	2,060,431	351,139	26,802	9,415	1,557	467	418	589,388	32
1,271,850	317,574	1,147,926	148,074	—	—	—	—	2,365	468,013	33
99,946	25,507	16,120	2,294	—	—	—	—	325	28,126	34
3,837,505	946,193	—	—	51,905	17,049	17,870	8,338	50,132	1,021,712	35
1,006,834	245,949	—	—	147,590	66,084	89,356	34,956	89,846	420,835	36
1,160,049	294,950	197,075	25,940	—	—	—	—	472	321,362	37
2,138,453	547,257	—	—	15,200	4,512	29,752	13,123	54	564,046	38
1,652,896	398,734	744,715	95,112	43,265	10,023	21,577	9,022	8,489	519,380	39
610,999	150,494	—	—	128,022	42,157	9,308	7,296	2,657	202,604	40
1,350,967	334,767	86,544	11,518	327,427	127,421	46,192	25,912	74,516	577,134	41
1,219,316	295,508	—	—	—	—	27,983	8,753	77	305,338	42
374,232	90,967	113,594	15,167	—	—	—	—	1	106,135	43
691,760	175,903	130,976	17,879	110,000	34,100	—	—	12,387	240,269	44
491,609	120,135	362,674	48,942	—	—	—	—	391	169,468	45
898,820	218,343	152,672	22,894	16,357	4,578	5,329	1,872	516	248,203	46
904,273	217,976	1,360,446	181,190	—	—	—	—	1,540	400,706	47
1,308,365	318,469	2,403,259	315,651	—	—	235,520	74,060	280	708,460	48
85,064,810	22,426,188	87,120,175	11,831,534	29,956,363	12,717,449	4,831,079	2,799,844	5,084,350	54,859,365	
872,187	214,527	—	—	125,406	58,448	20,811	12,857	37,018	322,850	49
910,948	241,380	121,324	15,756	402,206	169,894	143,741	69,588	53,309	551,927	50
5,112,298	1,347,863	484,254	66,733	69,961	22,722	44,010	13,556	14,480	1,465,354	51
2,064,585	634,363	5,410,567	736,984	3,619,152	1,532,965	391,749	250,909	748,253	3,903,537	52
206,589	52,015	113,402	15,401	47,502	20,317	7,381	3,793	470	91,990	53
1,577,779	404,495	—	—	—	—	—	—	1,800	406,295	54
50,360	14,126	5,725,205	771,515	112,631	14,435	169,283	64,455	36,001	900,532	55
889,750	215,276	—	—	—	—	1,840	484	941	216,701	56
933,709	245,965	1,404,348	187,759	370,043	149,899	12,802	19,172	39,100	641,895	57
593,377	171,082	—	—	2,835,049	1,324,462	205,500	184,076	174,869	1,854,489	58
597,658	152,429	5,085,468	699,947	420,741	150,540	32,575	23,139	121,467	1,147,522	59
304,024	79,209	6,461,375	871,964	43,451	7,590	1,665	833	13,872	973,468	60
572,339	156,271	2,410,218	326,239	58,904	7,684	—	—	7,833	498,027	61
4,569,051	1,203,160	—	—	96,978	37,405	5,586	3,170	7,696	1,251,431	62
2,656,670	680,313	—	—	96,918	27,828	145,026	57,530	76,853	842,530	63

DAIRY FACTORIES

IV. Materials Used and Products Obtained, 1938--con.

IV. Matières premières employées et produits fabriqués en 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Patrons Fournisseurs	Milk delivered at factory Lait livré aux fabriques	Cream delivered at factory Crème livrée aux fabriques	Amount paid to patrons for Sommes payées aux fournisseurs pour					
						no. nomb.	no. nomb.	lb. lb	lb. of butter fat lb de gras	\$	\$
Ontario—concluded—fin											
1	Halton.....	4	1,417	251,166	961,171	4,556			254,156		
2	Hastings.....	66	4,985	86,812,906	2,873,585	886,748			798,519		
3	Huron.....	16	6,204	14,904,831	3,536,047	166,077			963,096		
4	Kent.....	9	3,355	6,598,864	2,069,957	117,693			557,813		
5	Lambton.....	9	3,778	9,982,029	2,640,159	132,877			727,216		
6	Lennox.....	30	2,330	27,237,578	1,388,656	279,346			365,436		
7	Leeds.....	60	1,910	77,630,980	221,873	802,531			64,195		
8	Lennox and Addington.....	23	1,624	44,219,081	446,149	429,104			125,359		
9	Lincoln.....	4	601	6,529,306	448,784	126,839			114,775		
10	Middlesex.....	25	5,265	60,241,467	3,852,544	694,075			1,121,115		
11	Nipissing.....	7	1,752	5,010,666	812,599	76,209			212,208		
12	Norfolk.....	4	867	14,227,432	279,296	173,515			75,889		
13	Northumberland.....	25	2,523	36,255,887	1,626,031	359,176			421,960		
14	Ontario.....	7	1,911	—	1,142,513	—			311,549		
15	Oxford.....	25	1,736	84,609,918	892,871	939,526			250,765		
16	Parry Sound.....	2	532	982,665	200,718	19,560			48,908		
17	Peel.....	5	1,675	—	994,700	—			286,358		
18	Perth.....	28	5,556	48,566,221	4,940,702	155,632			1,384,710		
19	Peterborough.....	19	1,824	15,438,586	962,320	196,395			258,800		
20	Prescott.....	68	2,045	87,845,984	205,688	911,339			56,485		
21	Prince Edward.....	17	1,313	24,356,437	423,979	227,675			124,469		
22	Rainy River.....	4	574	320,959	282,433	2,740			63,360		
23	Renfrew.....	16	4,391	6,862,711	2,107,939	78,189			539,611		
24	Russell.....	45	1,502	65,082,289	330,017	680,592			94,452		
25	Simcoe.....	12	4,355	1,664,075	3,072,105	29,256			786,663		
26	Stormont.....	42	2,442	90,260,248	531,607	995,043			132,625		
27	Sudbury.....	3	198	7,805,194	105,396	183,237			33,532		
28	Thunder Bay.....	3	691	11,099,138	257,354	218,612			72,574		
29	Timiskaming.....	5	1,157	—	604,516	—			158,743		
30	Victoria.....	7	2,605	3,024,683	1,491,787	37,441			378,580		
31	Waterloo.....	12	3,607	21,181,551	2,949,718	252,363			824,794		
32	Welland.....	4	763	6,961,096	280,157	104,336			63,771		
33	Wellington.....	11	4,221	5,118,547	3,110,320	63,475			897,173		
34	Wentworth.....	5	723	31,638,514	329,731	617,311			103,626		
35	York.....	18	7,440	148,632,525	6,477,888	2,997,446			1,962,842		
Manitoba.....									1,628,845	5,081,506	
36	Brandon.....	85	42,157	107,815,196	22,831,453						
37	Churchill.....	7	4,120	1,297,572	3,204,632	18,760			714,510		
38	Danforth.....	1	250	—	336,606	—			68,052		
39	Dauphin.....	6	4,654	—	2,100,615	—			434,812		
40	Lisgar.....	5	2,815	1,427,772	1,171,450	15,064			265,415		
41	Macdonald.....	7	2,590	—	1,911,493	—			429,696		
42	Marquette.....	7	4,138	—	2,634,445	—			570,806		
43	Neepawa.....	3	3,000	—	1,430,081	—			320,763		
44	Portage la Prairie.....	3	1,353	654,526	845,590	9,989			184,696		
45	Provencier.....	17	2,362	25,260,953	1,109,322	262,543			249,049		
46	St. Boniface.....	4	1,978	27,582,154	722,009	431,418			163,751		
47	Selkirk.....	10	4,126	—	2,553,552	—			576,103		
48	Souris.....	3	1,148	—	957,819	—			204,172		
49	Springfield.....	2	520	437,249	265,910	5,939			61,487		
Saskatchewan.....									885,132	838,194	
50	Assiniboia.....	3	1,875	24,000	970,916	440			199,965		
51	Humboldt.....	2	2,033	466,188	467,259	3,931			93,620		
52	Kindersley.....	1	700	—	189,565	—			35,398		
53	Mackenzie.....	5	3,731	—	1,521,352	—			309,140		
54	Maple Creek.....	1	300	—	78,944	—			17,786		
55	Melfort.....	3	3,672	238,851	892,237	3,502			177,870		
56	Melville.....	4	3,100	893,600	1,983,839	10,015			428,957		
57	Moose Jaw.....	4	2,525	5,339,941	951,094	104,557			214,868		
58	North Battleford.....	4	799	273,374	719,772	2,652			145,236		
59	Prince Albert.....	7	2,679	3,915,353	1,322,364	55,007			265,838		
60	Qu'Appelle.....	3	1,675	—	865,591	—			177,055		

INDUSTRIE LAITIÈRE

49

IV. Materials Used and Products Obtained, 1938—con.

IV. Matières premières employées et produits fabriqués en 1938—suite

(1) BUTTER AND CHEESE FactORIES—FABRIQUES DE BEURRE ET DE FROMAGE

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. lb.	\$ lb.	lb. lb.	\$ lb.	gal. gall.	\$ \$	lb. of butter fat — lb de gras	\$ \$	\$ \$	\$ \$	
1,197,143	320,456	—	—	25,116	8,960	—	—	2,132	331,548	1
3,367,024	914,256	7,246,509	987,094	172,824	61,718	7,648	3,499	101,206	2,067,773	2
4,642,561	1,210,836	551,332	73,690	—	—	77,978	20,952	51,848	1,357,326	3
2,524,271	651,596	—	—	486,329	205,065	36,868	18,846	17,239	892,746	4
3,311,611	875,426	405,429	52,774	315,022	149,614	27,826	21,751	31,124	1,130,689	5
1,678,784	433,129	2,253,252	306,039	94,385	35,855	7,498	3,916	20,502	799,441	6
270,437	77,176	6,296,045	851,442	168,584	52,877	27,253	12,088	86,154	1,079,737	7
472,565	127,037	3,864,726	527,791	—	—	—	—	37,715	692,543	8
533,442	128,235	—	—	527,695	234,118	45,305	39,580	14,988	416,921	9
4,236,868	1,107,303	3,185,614	431,519	590,201	168,064	278,196	105,394	657,252	2,469,532	10
940,858	250,675	270,439	35,650	131,201	63,552	29,948	17,741	59,125	426,743	11
830,221	222,445	94,350	12,039	—	—	9,590	2,677	71,494	308,655	12
2,002,204	491,284	2,888,295	387,459	89,426	34,419	12,330	8,428	22,016	943,606	13
1,402,216	389,022	—	—	—	—	11,158	2,798	26,750	418,570	14
1,108,433	309,458	5,258,217	717,062	1,526,605	251,832	171,025	67,312	117,472	1,463,110	15
244,990	59,086	—	—	75,452	33,208	6,895	1,857	769	94,921	16
1,373,233	352,938	—	—	—	—	—	—	2,888	355,826	17
6,543,087	1,734,854	2,984,354	407,561	199,888	81,919	33,253	19,452	90,157	2,333,943	18
1,225,099	312,356	966,839	131,974	332,263	142,746	28,698	18,277	15,416	620,789	19
253,819	67,962	7,786,719	1,055,430	—	—	—	—	8,568	1,131,960	20
500,601	141,380	2,013,379	269,234	34,860	13,944	—	—	26,944	451,502	21
339,039	88,778	28,999	3,900	—	—	—	—	199	92,877	22
2,614,312	637,169	446,876	59,272	152,413	55,215	7,830	4,397	30,783	786,836	23
386,021	108,999	5,756,760	785,282	—	—	—	—	3,278	897,559	24
3,778,678	937,458	—	—	140,021	55,197	4,728	2,927	80,741	1,076,323	25
592,859	161,118	6,648,232	915,747	594,232	204,309	207,299	77,929	82,241	1,441,344	26
64,732	13,889	31,749	4,152	616,498	302,519	57,863	43,847	9,530	373,937	27
105,375	25,290	—	—	956,101	393,652	131,504	83,547	96,083	595,572	28
754,237	187,300	—	—	—	—	10,883	6,850	77	194,227	29
1,847,572	454,370	89,722	12,291	119,542	47,816	6,065	1,262	4,698	520,437	30
3,944,094	1,068,136	683,633	95,403	278,580	125,587	30,536	18,406	204,705	1,512,237	31
396,423	90,921	122,546	16,431	281,520	111,117	26,666	14,991	45,189	278,649	32
3,768,817	1,109,656	—	—	75,000	27,720	18,210	5,655	91,727	1,234,758	33
369,874	94,478	—	—	2,206,607	1,069,008	209,205	126,012	213,589	1,503,087	34
5,510,656	1,458,262	—	—	11,467,026	5,263,225	2,126,852	1,345,825	1,423,789	9,492,101	35
25,703,684	6,165,637	3,314,202	448,123	5,500,457	2,104,775	1,161,966	849,312	693,997	10,261,844	
3,769,665	928,752	—	—	129,775	39,484	28,357	13,094	73,030	1,054,360	36
403,678	104,956	—	—	—	—	—	—	225	105,181	37
2,423,924	540,178	—	—	—	—	88,974	19,207	704	580,089	38
1,436,175	332,176	141,619	18,605	—	—	708	254	—	351,035	39
2,255,736	559,850	—	—	—	—	—	—	448	540,298	40
3,180,909	726,679	—	—	—	—	—	—	6,500	733,179	41
1,728,777	395,174	—	—	—	—	77	17	7,718	402,909	42
951,487	247,095	—	—	60,464	21,885	21,923	9,471	12,540	291,891	43
1,272,119	300,512	2,408,681	321,636	—	—	19	9	350	622,507	44
370,499	92,230	787,983	106,994	1,656,032	668,114	278,624	255,101	123,976	1,246,415	45
3,113,263	739,870	—	—	—	—	2,973	720	347	740,937	46
1,057,319	257,766	—	—	—	—	—	—	2,744	260,510	47
337,698	81,048	—	—	21,064	8,426	4,905	3,048	—	92,522	48
3,402,435	878,451	5,919	888	3,642,122	1,366,566	735,406	548,391	465,415	3,260,011	49
23,524,260	5,321,115	419,404	59,973	3,236,881	1,270,313	921,672	519,182	574,018	7,744,601	
1,190,169	259,818	—	—	—	—	532	140	3,124	263,082	50
565,911	125,066	42,964	6,927	—	—	4,811	1,839	226	134,058	51
229,273	48,147	—	—	—	—	—	—	—	48,147	52
1,836,981	401,534	—	—	—	—	—	—	205	401,739	53
96,603	25,206	—	—	—	—	—	—	—	25,206	54
1,024,401	239,921	—	—	16,298	5,346	36,705	13,103	18,453	266,823	55
2,372,656	529,435	82,798	11,667	—	—	33,019	9,955	200	551,257	56
1,033,920	260,046	—	—	377,700	167,515	86,236	68,486	104,325	600,372	57
851,913	177,562	26,534	3,803	—	—	20,556	5,977	—	187,142	58
1,538,115	350,945	170,619	23,802	108,327	45,340	71,286	36,638	25,190	481,915	59
1,045,680	239,089	—	—	—	—	5,383	—	248	240,541	60

DAIRY FACTORIES

IV. Materials Used and Products Obtained, 1938—concluded

IV. Matières premières employées et produits fabriqués en 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Patrons Fournisseurs	Milk delivered at factory Lait livré aux fabriques	Cream delivered at factory Crème livrée aux fabriques	Amount paid to patrons for Sommes payées aux fournisseurs pour	
						Milk Lait	Cream Crème
						lb. of butter fat lb de gras	\$
Saskatchewan—concluded—fin							
1	Regina.....	5	6,293	11,005,982	1,965,703	232,711	440,660
2	Rosetown.....	1	800	—	577,840	—	117,600
3	Rosthern.....	4	2,420	324,332	916,826	2,910	189,670
4	Saskatoon.....	4	5,300	27,470,657	1,987,810	481,739	424,199
5	Swift Current.....	3	1,200	874,968	370,050	15,127	70,501
6	The Battlefords.....	6	4,208	1,007,819	1,723,061	14,330	354,762
7	Weyburn.....	3	1,800	547,739	496,814	9,665	99,793
8	Yorkton.....	5	5,251	690,314	2,065,436	14,278	432,208
Alberta							
		108	52,263	60,829,457	26,362,471	933,202	5,659,930
9	Acadia.....	4	2,836	—	1,117,788	—	230,545
10	Athabasca.....	8	2,844	165,122	1,503,293	1,593	307,915
11	Battle River.....	5	1,587	—	969,715	—	200,028
12	Bow River.....	3	493	5,516,295	296,249	56,475	67,166
13	Calgary.....	10	4,323	4,909,946	2,043,200	95,641	454,292
14	Camrose.....	17	6,005	8,904,218	4,189,885	78,782	870,540
15	Edmonton.....	7	14,806	26,228,657	4,720,517	515,873	1,090,287
16	Jasper-Edson.....	2	600	—	581,620	—	123,734
17	Lethbridge.....	6	1,485	4,300,406	623,976	62,207	140,914
18	Macleod.....	5	791	—	468,230	—	99,556
19	Medicine Hat.....	3	737	1,809,104	328,566	33,183	72,455
20	Peace River.....	3	980	—	303,414	88	56,983
21	Red Deer.....	14	6,977	1,202,743	4,299,689	13,664	904,838
22	Vegreville.....	6	1,998	1,019,623	1,112,179	15,611	221,259
23	Wetaskiwin.....	15	5,801	6,978,925	3,804,153	60,085	817,308
British Columbia—Colombie Britannique							
		38	5,376	164,484,305	2,802,100	2,912,271	760,144
24	Cariboo.....	4	885	52,754	743,461	834	184,004
25	Cornox-Alberni.....	1	200	22,930	184,028	497	52,885
26	Fraser Valley.....	2	1,234	40,711,198	119,937	665,716	37,818
27	Kootenay.....	3	298	780,339	148,903	19,129	38,199
28	Nanaimo.....	3	390	—	288,826	—	84,974
29	New Westminster.....	2	110	1,235,933	40,344	29,753	11,373
30	Skeena.....	1	235	361,166	14,034	9,947	3,796
31	Vancouver.....	13	805	114,007,883	363,723	2,040,711	104,725
32	Victoria.....	3	84	4,238,021	70,923	90,512	32,137
33	Yale.....	6	1,135	3,074,071	827,831	49,172	210,233

(2) CONCENTRATED MILK FactORIES—FABRIQUES DE LAIT CONCENTRÉ¹

	Establishments Établissements	Patrons Fournisseurs	Milk delivered at factory Lait livré aux fabriques	Cream delivered at factory Crème livrée aux fabriques	Amount paid to patrons for Sommes payées aux fournisseurs pour		
					Milk Lait	Cream Crème	
					lb. of butter fat lb de gras	\$	
Canada.....		24	9,174	482,175,936	867,098	6,122,488	283,354

¹ The concentrated milk factories are located by provinces as follows:—

Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

Les fabriques de lait concentré se répartissent ainsi qu'il suit entre les différentes provinces:—

Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

INDUSTRIE LAITIÈRE

51

IV. Materials Used and Products Obtained, 1938—concluded
IV. Matières premières employées et produits fabriqués en 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

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. lb	\$ \$	lb. lb	\$ \$	gal. gall.	\$ \$	lb. of butter fat lb de gras	\$ \$	\$ \$	\$ \$	
2,077,597	490,763	—	—	824,282	378,395	227,162	158,738	193,233	1,221,129	1
701,187	156,807	—	—	—	—	—	—	3,678	160,485	2
1,099,751	246,788	29,744	4,227	—	—	9,480	1,620	275	252,910	3
2,296,575	543,053	—	—	1,716,368	596,128	357,361	183,454	201,372	1,524,007	4
428,374	92,403	10,840	3,174	50,034	22,015	16,287	7,329	4,749	129,670	5
2,064,580	443,288	46,905	6,573	40,204	16,275	15,045	10,821	13,065	490,622	6
573,338	135,895	—	—	49,436	18,163	23,576	10,451	668	165,177	7
2,497,230	565,349	—	—	54,172	21,136	14,233	9,427	4,407	600,319	8
31,242,357	7,157,624	2,451,821	348,404	2,631,800	1,099,511	719,612	401,938	490,145	9,497,622	
1,362,399	307,050	—	—	—	—	3,721	801	281	308,132	9
1,830,530	385,771	16,040	2,186	—	—	—	—	51	388,008	10
1,188,428	256,476	—	—	—	—	—	—	—	256,476	11
349,836	82,690	537,467	78,422	—	—	5,375	1,336	—	162,448	12
2,327,249	565,218	—	—	362,526	160,765	49,919	21,070	90,546	837,599	13
5,093,737	1,180,949	848,635	116,529	—	—	—	—	2,265	1,299,743	14
5,663,772	1,301,109	—	—	1,880,930	797,982	348,126	202,843	280,333	2,642,267	15
704,418	154,735	—	—	—	—	—	—	—	154,735	16
645,877	148,919	239,705	34,851	157,500	68,662	47,487	25,858	57,123	335,413	17
568,032	127,548	—	—	—	—	—	—	—	127,548	18
354,579	83,384	—	—	157,046	51,719	39,406	21,519	24,296	180,918	19
368,002	76,037	—	—	—	—	—	—	3,684	79,721	20
4,955,575	1,146,047	86,512	13,687	26,296	7,402	209,761	61,977	30,824	1,260,537	21
1,329,814	292,619	165,402	23,634	6,232	49	—	—	472	316,774	22
4,600,109	1,048,472	557,970	79,095	41,270	12,932	15,727	6,534	270	1,147,303	23
5,568,517	1,504,072	590,781	91,861	9,198,187	2,727,150	1,016,916	690,695	981,871	5,998,649	
877,755	241,918	—	—	—	—	—	—	46,176	288,094	24
211,823	64,306	—	—	—	—	240	116	16,498	80,920	25
2,079,436	561,448	9,225	1,707	493,860	80,801	341	272	298,459	942,657	26
157,825	38,013	—	—	56,791	26,562	55,857	13,082	57,285	134,042	27
349,528	106,373	—	—	—	—	—	—	663	107,036	28
43,973	12,239	—	—	123,593	49,791	—	—	9,454	71,484	29
12,223	3,667	—	—	25,882	14,625	4,902	4,158	3,627	26,077	30
843,758	222,823	357,070	59,946	8,118,027	2,410,944	864,071	585,208	402,810	3,681,731	31
636	172	—	—	278,591	107,567	90,806	81,519	133,185	322,433	32
991,500	253,113	224,486	30,208	101,343	36,880	10,639	6,340	16,704	343,225	33

(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 ¹ Autres produits, valeur ¹	Total Value of Products Valeur totale des produits	
Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur			
lb. lb	\$ \$	lb. lb	\$ \$	lb. lb	\$ \$	lb. lb	\$ \$	\$ \$	\$ \$	
8,810,767	807,276	104,030,306	7,433,000	6,276,743	945,824	15,711,811	1,220,739	2,783,174	13,190,013	

¹ Included with "Other Products" of concentrated milk factories for Ontario are the following:—
2,689,575 pounds of butter, value, \$699,545 and 473,255 pounds of cheese, value \$68,180.

¹ Avec les produits des fabriques de lait concentré sont inclus:
2,689,575 livres de beurre, valant \$699,545 et 473,255 livres de fromage, valant \$68,180 dans Ontario.

V. Miscellaneous Statistics of Dairy Factories, 1938

V. Détails statistiques concernant l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Fuel used Combustible consommé				
			Coal Charbon		Wood Bois	Other fuel Autre combustible	
			no. nomb.	tons tonnes	\$	cords cordes	\$
	Canada	2,528	109,097	635,210	143,712	402,109	215,611
	Prince Edward Island—Ile du Prince-Edouard	29	827	6,028	864	3,579	1,944
1	Kings	4	24	153	80	298	—
2	Prince	10	81	547	379	1,704	432
3	Queens	15	722	5,328	405	1,577	1,512
	Nova Scotia—Nouvelle-Ecosse	29	2,699	15,537	1,069	3,620	6,088
4	Annapolis	1	123	739	—	—	—
5	Antigonish	2)	3	928	30	120	—
	Cape Breton	1)	—	—	—	—	—
6	Colchester	3	385	1,729	102	308	—
7	Cumberland	4	288	1,255	231	582	—
8	Digby	1	—	—	65	292	—
9	Halifax	4	866	5,186	168	343	6,088
10	Hants	2	142	1,017	157	606	—
11	Inverness	2	101	478	34	156	—
12	Kings	3	212	1,703	100	300	—
13	Lunenburg	1	—	—	182	913	—
14	Pictou	2	258	1,237	—	—	—
15	Victoria	1	45	296	—	—	—
16	Yarmouth	2	147	969	—	—	—
	New Brunswick—Nouveau-Brunswick	34	1,930	9,135	966	3,329	3,558
17	Albert	1	—	—	25	137	—
18	Gloucester	1	—	—	59	295	—
19	Kings	10	220	1,018	261	668	60
20	Madawaska	3	—	—	176	671	—
21	Northumberland	1	40	280	—	—	—
22	Restigouche	3	—	—	285	1,045	—
23	Saint John	3	720	3,267	—	—	1,462
24	Victoria	1	—	—	35	88	—
25	Westmorland	6	200	1,256	125	425	664
26	Carleton	1)	—	—	—	—	—
	Charlotte	1)	5	750	3,314	—	1,372
	York	3)	—	—	—	—	—
	Québec	1,179	12,517	88,761	76,137	193,985	24,942
27	Abitibi	8	—	—	613	1,197	—
28	Argenteuil	7	—	—	491	1,265	—
29	Arthabaska	44	—	—	2,774	6,179	246
30	Bagot	21	25	225	1,409	3,977	1,188
31	Beauce	48	—	—	2,486	4,981	162
32	Beauharnois	6	170	1,089	329	1,299	259
33	Bellechasse	27	—	—	1,249	2,940	345
34	Berthier	17	—	—	1,218	2,440	36
35	Bonaventure	15	—	—	589	1,862	10
36	Brome	6	30	248	840	2,753	1,265
37	Chambly	2	—	—	78	350	—
38	Champlain	25	—	—	1,641	4,487	37
39	Charlevoix	12	—	—	337	982	—
40	Châteauguay	7	458	3,328	237	801	—
41	Chicoutimi	40	1	8	1,916	5,175	23
42	Compton	17	—	—	1,246	4,532	54
43	Deux-Montagnes	12	604	4,143	878	1,960	253
44	Dorchester	28	—	—	1,972	4,472	33
45	Drummond	22	176	1,547	1,784	3,513	335
46	Frontenac	29	—	—	1,718	3,447	512
47	Gaspé-Nord	2	—	—	60	202	—

¹ Comprising creameries, cheese factories and combined butter and cheese factories.¹ Y compris beurries, fromageries et fabriques de beurre et de fromage.

INDUSTRIE LAITIÈRE

53

V. Miscellaneous Statistics of Dairy Factories, 1938

V. Détails statistiques concernant l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Electricity used Electricité employée	Power Equipment (ordinarily in use) ¹ Force motrice (ordinairement en usage) ¹								Boilers Chaudières	No.		
	Steam engines Machines à vapeur		Electric motors Moteurs électriques		Other power Autre force motrice		Boilers Chaudières					
	Units Unités	H.P. Unités	Units Unités	H.P. Unités	Units Unités	H.P. Unités	Units Unités	H.P. Unités				
	Kw. H. Kw.-h.	\$ nombr.	no. nombr.	no. nombr.	no. nombr.	no. nombr.	no. nombr.	no. nombr.				
35,912,402	689,195	1,128	10,423	6,812	30,651	245	1,578	2,565	52,891			
173,729	3,943	17	210	53	127	2	75	30	572			
—	—	2	20	—	—	—	—	3	75	1		
65,000	621	4	51	7	20	1	25	10	142	2		
108,729	3,322	11	139	46	107	1	50	17	355	3		
891,970	21,829	13	214	194	826	3	12	27	710			
18,332	830	—	—	3	17	—	—	1	15	4		
92,437	2,271	—	—	10	71	—	—	3	65	5		
77,769	1,883	1	16	18	92	—	—	3	71	6		
58,842	1,917	3	26	7	52	1	2	4	125	7		
—	—	1	10	—	—	—	—	1	20	8		
445,900	8,411	3	52	76	347	1	2	4	104	9		
12,975	471	1	25	11	13	—	—	2	40	10		
—	18	2	37	—	—	1	8	1	30	11		
34,196	1,051	—	—	25	46	—	—	3	46	12		
36,129	975	1	40	1	35	—	—	1	50	13		
68,286	2,730	—	—	26	104	—	—	1	20	14		
—	—	1	8	—	—	—	—	1	25	15		
47,124	1,272	—	—	17	49	—	—	2	39	16		
663,836	17,685	13	167	153	684	4	81	36	715			
—	—	1	5	—	—	—	—	—	—	17		
23,633	945	—	—	10	43	—	—	1	30	18		
109,000	2,786	—	—	23	124	—	—	10	161	19		
15,120	384	2	18	3	15	—	—	3	38	20		
1,544	95	—	—	5	13	—	—	1	10	21		
43,000	785	2	30	11	68	—	—	3	63	22		
172,437	3,449	—	—	43	200	—	—	6	125	23		
1,170	35	1	7	1	1	—	—	1	15	24		
23,000	988	3	57	15	36	1	50	3	33	25		
274,932	8,218	4	50	42	184	3	31	8	240	26		
—	156,691	673	5,586	1,522	5,885	163	1,128	1,207	19,289			
—	740	6	53	7	22	—	—	8	121	27		
—	235	2	17	4	16	—	—	7	108	28		
—	1,014	29	199	18	33	5	28	44	533	29		
—	1,783	5	46	10	36	9	58	20	268	30		
—	64	20	149	1	5	3	13	48	548	31		
—	1,452	2	25	11	62	2	21	7	172	32		
—	318	17	121	9	28	—	—	27	485	33		
—	626	14	115	7	28	3	19	17	219	34		
—	—	13	113	1	8	—	—	15	199	35		
—	839	4	29	4	10	4	41	9	167	36		
—	143	3	9	—	—	—	—	2	25	37		
—	752	17	116	12	43	3	19	26	316	38		
—	257	1	7	5	20	—	—	12	116	39		
—	440	3	37	12	32	—	—	7	193	40		
—	884	9	57	7	40	6	31	40	562	41		
—	1,218	8	97	15	55	2	11	18	332	42		
—	1,248	6	47	13	54	3	18	12	242	43		
—	754	16	122	9	37	1	1	28	346	44		
—	2,284	11	76	13	55	5	44	22	319	45		
—	257	21	187	4	18	—	—	29	418	46		
—	—	2	24	—	—	—	—	2	31	47		

¹ For "Power Equipment (in reserve or idle)" see Table VI.—"Force motrice (en réserve ou inactive)" voir le tableau VI.

¹ Exclusive of Quebec—A l'exclusion de Québec.

V. Miscellaneous Statistics of Dairy Factories, 1938—con.

V. Détails statistiques concernant l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Estab- lish- ments Etab- lissem- ents	Fuel used Combustible consommé					
			Coal — Charbon		Wood Bois			
			no. — nomb.	tons — tonnes	\$	cords — cordes	\$	\$
Quebec—concluded—fin								
1	Gaspé-Sud.....	4	—	—	110	335	—	—
2	Gatineau et Hull.....	9	93	813	482	1,907	105	—
3	Huntingdon.....	8	169	2,429	1,272	3,563	218	—
4	Iberville.....	5	927	6,097	167	551	40	—
5	Joliette.....	18	1	15	1,244	3,114	—	—
6	Kamouraska.....	17	—	—	1,348	3,124	118	—
7	L'Isle.....	12	—	—	854	2,385	20	—
8	Lac St-Jean.....	40	—	—	2,338	6,573	129	—
9	Laprairie.....	2	110	990	55	255	—	—
10	L'Assomption.....	10	34	212	603	1,971	—	—
11	Laviolette.....	9	—	—	508	1,356	3	—
12	Lévis.....	5	—	—	269	786	—	—
13	L'Islet.....	14	—	—	963	2,722	36	—
14	Lotbinière.....	28	—	—	2,400	5,808	24	—
15	Maskinongé.....	19	—	—	893	2,429	563	—
16	Matane.....	12	30	240	967	2,430	90	—
17	Matapedia.....	13	—	—	1,162	2,831	73	—
18	Mégantic.....	33	—	—	1,393	3,677	98	—
19	Mississquoi.....	9	1,340	10,313	1,237	3,008	686	—
20	Montcalm.....	11	—	—	693	2,137	2	—
21	Montmagny.....	16	—	—	874	2,235	66	—
22	Montmorency.....	9	31	275	405	1,108	—	—
23	Montréal (cité).....	10	5,199	34,328	—	—	7,614	—
24	Napierville.....	3	52	357	174	568	65	—
25	Nicolet.....	50	80	560	3,499	8,264	1,082	—
26	Papineau.....	30	—	—	2,042	4,819	682	—
27	Pontiac.....	5	—	—	923	1,829	500	—
28	Portneuf.....	28	—	—	1,803	4,443	203	—
29	Québec.....	5	1,677	11,587	—	—	—	—
30	Richelieu.....	15	6	60	869	2,504	326	—
31	Richmond.....	21	v	48	1,739	5,433	4	—
32	Rimouski.....	19	—	—	1,001	2,296	28	—
33	Rivière-du-Loup.....	23	—	—	1,997	4,349	30	—
34	Roberval.....	40	—	—	3,082	6,711	73	—
35	Rouville.....	21	87	668	907	3,025	1,298	—
36	Saguenay.....	3	—	—	195	450	1	—
37	Shefford.....	24	156	1,001	2,535	5,548	1,812	—
38	Sherbrooke.....	5	414	3,001	290	700	—	—
39	Soulages.....	8	57	465	632	2,083	435	—
40	Stanstead.....	8	—	—	954	3,454	—	—
41	St-Hyacinthe.....	20	105	870	1,650	4,680	629	—
42	St-Jean.....	3	220	1,850	12	36	104	—
43	St-Maurice.....	15	176	1,191	543	1,317	2,014	—
44	Témiscamingue.....	12	—	—	947	2,972	260	—
45	Témiscouata.....	9	—	—	645	1,116	4	—
46	Terrebonne.....	12	—	—	650	2,360	162	—
47	Vaudreuil.....	9	1	10	496	1,115	124	—
48	Verchères.....	8	25	276	411	1,286	211	—
49	Wolfe.....	35	—	—	1,901	4,184	107	—
50	Yamaska.....	34	57	457	2,129	5,335	145	—
Ontario.....		958	52,235	366,165	41,535	140,410	91,482	—
51	Algoma.....	7	285	1,425	730	2,088	54	—
52	Brant.....	6	684	6,078	—	—	—	—
53	Bruce.....	14	658	4,974	709	2,877	819	—
54	Carleton.....	50	5,656	41,801	2,692	8,711	5,881	—
55	Cochrane.....	9	20	350	391	1,482	1,659	—
56	Dufferin.....	4	346	2,709	5	28	1,659	—
57	Dundas.....	44	1,149	8,751	1,422	4,211	72	—
58	Durham.....	4	138	1,051	46	183	1,525	—
59	Elgin.....	14	703	5,205	415	1,431	836	—
60	Essex.....	10	1,502	9,132	—	—	8,812	—

INDUSTRIE LAITIÈRE

55

V. Miscellaneous Statistics of Dairy Factories, 1938—con.

V. Détails statistiques concernant l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Electricity used Electricité employée	Kw. H. Kw.-h.	Power Equipment (ordinarily in use) Force motrice (ordinairement en usage)						Boilers Chaudières		No.	
		Steam engines Machines à vapeur		Electric motors Moteurs électriques		Other Power Autre force motrice		Boilers Chaudières			
		Units Unités	H.P. nomb.	Units Unités	H.P. nomb.	Units Unités	H.P. nomb.	Units Unités	H.P. nomb.		
		no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.		
—	—	4	24	—	—	1	10	4	45	1	
—	1,116	4	34	11	35	1	6	9	128	2	
—	724	10	130	6	27	3	12	13	302	3	
—	1,620	1	7	14	52	1	2	5	216	4	
—	1,174	12	95	15	48	—	—	18	239	5	
—	440	12	108	6	26	1	4	17	266	6	
—	729	7	72	8	28	1	7	12	224	7	
—	751	17	112	8	36	12	58	40	463	8	
—	440	—	—	4	13	—	—	2	30	9	
—	729	8	65	5	18	2	3	10	146	10	
—	475	6	34	8	20	—	—	9	103	11	
—	—	4	38	—	—	—	—	5	61	12	
—	210	13	122	2	6	1	12	14	287	13	
—	768	23	171	9	22	—	—	29	420	14	
—	947	10	66	11	47	2	9	19	253	15	
—	138	15	156	3	3	4	32	16	261	16	
—	404	8	78	2	8	—	—	13	201	17	
—	359	22	170	6	22	2	11	33	411	18	
—	3,282	2	22	24	81	4	32	11	384	19	
—	878	6	55	11	34	—	—	11	170	20	
—	411	10	90	4	14	1	4	16	263	21	
—	71	8	69	2	1	1	6	9	126	22	
—	78,538	1	110	681	2,963	—	—	13	1,237	23	
—	544	—	—	2	13	1	7	3	72	24	
—	2,331	23	166	21	90	17	111	56	709	25	
—	1,114	8	84	8	33	1	4	30	378	26	
—	1,767	2	21	17	76	—	—	5	117	27	
—	1,253	16	130	13	53	6	32	29	373	28	
—	16,622	—	—	228	678	—	—	5	179	29	
—	512	11	81	8	20	2	16	15	179	30	
—	1,570	8	108	20	62	1	10	22	443	31	
—	90	15	127	1	1	2	20	19	290	32	
—	468	24	217	4	13	3	47	24	446	33	
—	676	37	218	7	21	3	9	41	513	34	
—	841	6	47	7	21	6	57	21	333	35	
—	15	2	14	—	—	—	—	3	28	36	
—	2,006	10	132	18	69	12	126	24	482	37	
—	3,736	2	19	26	153	—	—	5	128	38	
—	574	5	39	3	17	1	8	8	149	39	
—	1,789	1	12	14	55	—	—	8	207	40	
—	2,209	16	109	20	72	5	38	20	341	41	
—	1,015	—	—	16	34	2	16	3	62	42	
—	4,163	3	19	41	181	2	11	18	242	43	
—	328	12	116	2	10	2	12	12	249	44	
—	28	8	57	—	—	2	8	9	131	45	
—	1,018	6	41	20	50	1	12	12	184	46	
—	355	2	13	3	11	3	16	9	110	47	
—	952	5	35	15	25	—	—	8	108	48	
—	242	19	162	3	8	2	11	35	396	49	
—	361	20	139	3	13	6	47	37	484	50	
22,489,903	258,796	271	2,110	3,296	11,053	62	220	966	20,671		
233,648	2,359	4	101	33	164	2	4	7	203	51	
246,613	3,552	—	—	46	152	—	—	7	171	52	
421,513	8,845	2	25	80	314	—	—	14	444	53	
3,465,760	24,714	14	102	266	1,951	6	16	53	1,392	54	
8,000	196	2	15	8	16	—	—	9	90	55	
58,850	1,275	—	—	15	44	—	—	4	67	56	
29,270	2,097	14	104	36	86	3	12	44	647	57	
16,508	676	—	—	9	29	—	—	4	70	58	
149,763	3,359	6	40	49	176	1	6	14	289	59	
1,319,241	14,755	—	—	203	673	—	—	11	354	60	

V. Miscellaneous Statistics of Dairy Factories, 1938—con.

V. Détails statistiques concernant l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District — Provinces et comtés ou districts	Establishments — Établissements	Fuel used			
			Combustible consommé			Other fuel — Autre combustible
			Coal — Charbon	Wood — Bois		
		no. — nomb.	tons — tonnes	\$	cords — cordes	\$
Ontario—concluded—fin						
1	Frontenac.....	49	1,375	10,283	1,043	4,109
2	Glengarry.....	60	127	866	3,990	9,904
3	Grenville.....	28	196	1,447	1,833	5,010
4	Grey.....	14	765	5,461	417	1,486
5	Haldimand.....	5	1,406	9,898	—	—
6	Halton.....	4	240	1,689	195	490
7	Hastings.....	66	544	4,415	4,216	14,228
8	Huron.....	16	1,438	10,235	513	1,472
9	Kent.....	9	750	5,464	65	160
10	Lambton.....	9	1,284	8,557	60	235
11	Lanark.....	30	176	1,405	2,048	6,044
12	Leeds.....	60	788	5,897	2,979	10,113
13	Lennox and Addington.....	23	438	3,509	1,276	4,447
14	Lincoln.....	4	490	2,983	—	263
15	Middlesex.....	25	3,569	24,324	441	1,902
16	Nipissing.....	7	278	2,351	718	2,786
17	Norfolk.....	4	1,408	7,257	81	238
18	Northumberland.....	25	549	4,172	1,273	4,596
19	Ontario.....	7	171	1,280	272	1,293
20	Oxford.....	25	2,574	18,776	840	3,976
21	Parry Sound.....	2	—	—	270	1,038
22	Peel.....	5	428	3,110	9	90
23	Perth.....	28	3,020	23,042	337	1,464
24	Peterborough.....	19	337	2,731	953	2,800
25	Prescott.....	68	106	901	4,616	12,104
26	Prince Edward.....	17	755	5,409	372	1,420
27	Rainy River.....	4	—	—	232	947
28	Renfrew.....	16	—	—	1,746	5,965
29	Russell.....	45	366	2,882	3,334	8,499
30	Simcoe.....	12	797	5,339	384	1,403
31	Stormont.....	42	1,650	12,940	2,436	6,952
32	Sudbury.....	3	467	3,822	34	102
33	Thunder Bay.....	3	520	3,450	202	1,013
34	Timiskaming.....	5	82	635	324	1,291
35	Victoria.....	7	4	40	492	1,540
36	Waterloo.....	12	1,973	14,739	26	164
37	Welland.....	4	683	4,428	—	230
38	Wellington.....	11	2,095	14,017	45	96
39	Wentworth.....	5	1,779	11,569	—	1,768
40	York.....	18	7,466	45,366	53	222
Manitoba.....						
		85	11,589	49,622	9,591	27,421
41	Brandon.....	7	1,270	5,185	356	1,097
42	Churchill.....	1	559	946	—	—
43	Dauphin.....	6	97	437	784	2,132
44	Lisgar.....	5	291	863	244	1,057
45	Macdonald.....	7	163	657	786	2,676
46	Marquette.....	7	331	2,061	1,061	2,785
47	Neepawa.....	3	218	853	183	1,012
48	Portage la Prairie.....	3	188	973	344	1,188
49	Provencerber.....	17	—	—	2,150	5,485
50	St. Boniface.....	4	1,394	7,906	166	498
51	Selkirk.....	10	40	200	2,651	6,840
52	Souris.....	3	341	1,484	20	107
53	Springfield.....	2	—	—	500	1,438
54	Winnipeg.....	10	6,697	27,997	346	1,106
Saskatchewan.....						
		68	10,129	43,578	5,913	17,480
55	Assiniboia.....	3	648	1,822	—	—
56	Humboldt.....	2	66	325	148	433
57	Kindersley.....	1	114	544	—	—

INDUSTRIE LAITIÈRE

57

V. Miscellaneous Statistics of Dairy Factories, 1938—con.

V. Détails statistiques concernant l'industrie laitière, 1938—suite

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Electricity used Electricité employée	Kw. H. Kw.-h.	Power Equipment (ordinarily in use) Force motrice (ordinairement en usage)						Boilers Chaudières		No.	
		Steam engines Machines à vapeur		Electric motors Moteurs électriques		Other power Autre force motrice		Chaudières			
		Units Unités	H.P. nomb.	Units Unités	H.P. nomb.	Units Unités	H.P. nomb.	Units Unités	H.P. nomb.		
		no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.		
309,172	3,572	17	95	72	228	2	6	49	834	1	
41,050	933	8	67	12	41	3	13	61	702	2	
40,374	985	9	54	6	35	4	17	29	360	3	
240,844	4,816	2	30	73	236	2	13	13	325	4	
253,330	4,399	—	—	38	242	1	15	5	247	5	
38,065	694	—	—	14	50	—	4	85	6		
515,466	9,326	31	185	58	196	2	5	65	1,214	7	
295,723	6,095	6	88	50	225	—	—	15	421	8	
387,225	5,845	—	—	79	211	—	—	9	182	9	
550,239	6,325	3	33	88	336	—	—	9	338	10	
186,409	2,457	18	107	28	142	1	3	31	496	11	
309,178	3,803	20	120	55	191	6	17	60	908	12	
26,094	917	12	52	19	68	—	—	23	473	13	
555,729	3,819	—	—	49	293	—	—	4	138	14	
2,012,375	14,731	9	72	143	647	—	—	24	1,018	15	
58,252	2,798	—	—	18	77	—	—	6	131	16	
83,811	1,584	2	34	15	74	—	—	5	235	17	
88,338	1,702	8	60	36	94	2	8	24	445	18	
74,717	1,856	1	20	18	76	—	—	7	107	19	
288,504	4,957	8	60	99	254	—	—	25	667	20	
17,277	433	—	—	12	24	—	—	2	37	21	
101,264	1,432	—	—	41	77	—	—	5	179	22	
585,008	10,343	5	30	163	416	—	—	26	700	23	
91,766	2,043	9	50	48	89	2	4	17	335	24	
5,090	678	10	79	8	33	8	24	68	844	25	
22,269	837	9	77	9	58	2	3	16	341	26	
16,139	395	1	20	6	25	—	—	4	111	27	
100,484	3,593	6	41	28	143	2	4	15	226	28	
10,516	485	10	63	4	18	9	23	45	539	29	
121,138	3,983	1	20	64	212	—	—	13	232	30	
248,150	5,099	18	191	92	187	2	6	42	789	31	
238,682	3,668	—	—	31	116	—	—	3	88	32	
197,139	3,580	—	—	74	200	—	—	3	120	33	
20,466	618	2	21	7	34	—	—	5	90	34	
21,244	635	2	30	4	27	—	—	6	111	35	
872,963	8,620	1	6	101	489	—	—	13	536	36	
120,400	2,655	—	—	24	159	2	21	5	160	37	
521,236	6,313	2	13	76	340	—	—	10	378	38	
999,077	8,248	1	5	155	609	—	—	6	413	39	
5,875,500	51,696	—	—	636	3,476	—	—	27	1,309	40	
2,819,707	56,670	37	589	488	2,596	3	9	91	2,993		
236,637	8,739	1	60	41	253	—	—	8	295	41	
13,825	553	1	18	1	10	—	—	1	15	42	
59,162	3,015	3	42	24	116	2	4	6	165	43	
18,818	1,235	—	—	14	62	—	—	5	100	44	
63,882	2,292	1	10	19	78	—	—	7	172	45	
40,652	2,561	3	20	31	101	—	—	7	216	46	
105,170	3,583	1	35	29	92	—	—	3	92	47	
30,359	1,576	2	38	6	20	—	—	3	60	48	
—	77	4	103	3	10	1	5	17	353	49	
247,401	4,278	3	10	42	180	—	—	4	129	50	
—	—	13	216	—	—	—	—	11	275	51	
16,470	695	2	30	4	18	—	—	4	115	52	
11,281	458	3	7	1	10	—	—	1	25	53	
1,976,070	27,608	—	—	273	1,646	—	—	14	990	54	
2,491,249	79,936	25	357	488	2,579	1	3	67	2,457		
43,503	2,384	1	15	8	61	—	—	4	157	55	
21,650	866	—	—	3	35	—	—	2	44	56	
8,930	683	—	—	3	18	—	—	1	35	57	

DAIRY FACTORIES

V. Miscellaneous Statistics of Dairy Factories, 1938—concluded

V. Détails statistiques concernant l'industrie laitière, 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

No.	Province and County or District Provinces et comtés ou districts	Establishments Établissements	Fuel used Combustible consommé			
			Coal Charbon		Wood Bois	
			no. nomb.	tons tonnes	\$	corda cordes
Saskatchewan—concluded—fin						
1	Mackenzie.....	5	256	1,427	961	2,120
2	Maple Creek.....	1	117	586	—	—
3	Melfort.....	3	—	—	656	1,829
4	Melville.....	4	480	1,940	310	1,012
5	Moose Jaw.....	4	1,132	4,646	—	—
6	North Battleford.....	4	260	1,197	375	727
7	Prince Albert.....	7	210	794	983	2,672
8	Qu'Appelle.....	3	341	1,484	60	185
9	Regina.....	5	2,717	10,766	—	—
10	Rosetown.....	1	192	978	—	—
11	Rosthern.....	4	70	360	525	1,715
12	Saskatoon.....	4	1,975	9,402	908	3,951
13	Swift Current.....	3	301	1,955	2	8
14	The Battlefords.....	6	373	1,656	221	899
15	Weyburn.....	3	420	1,355	—	1
16	Yorkton.....	5	458	2,341	764	1,929
Alberta		108	16,483	51,822	2,474	4,787
17	Acadia.....	4	1,089	3,120	16	64
18	Athabasca.....	8	581	2,177	689	1,032
19	Battle River.....	5	871	3,388	10	26
20	Bow River.....	3	471	1,286	—	—
21	Calgary.....	10	55	262	—	5,357
22	Camrose.....	17	2,170	7,516	4	15
23	Edmonton.....	7	3,506	8,892	—	4,883
24	Jasper-Edson.....	2	153	626	167	418
25	Lethbridge.....	6	537	1,825	6	26
26	Macleod.....	5	102	413	—	1,251
27	Medicine Hat.....	3	225	885	1	427
28	Peace River.....	3	100	505	432	799
29	Red Deer.....	14	3,331	9,854	215	456
30	Vegreville.....	6	833	2,253	150	300
31	Wetaskiwin.....	15	2,456	8,820	774	1,645
British Columbia—Colombie Britannique		38	688	4,562	2,163	7,498
32	Cariboo.....	4	—	—	502	1,736
33	Comox-Alberni.....	1	21	204	88	393
34	Fraser Valley.....	2	10	100	321	1,018
35	Kootenay.....	3	173	1,647	40	15,621
36	Nanaimo.....	3	220	724	174	648
37	New Westminster.....	2	143	1,004	14	70
38	Skeena.....	1	44	322	—	—
39	Vancouver.....	13	70	495	218	819
40	Victoria.....	3	7	66	203	406
41	Yale.....	6	—	—	603	2,258

(2) CONCENTRATED MILK FACTORIES¹—FABRIQUES DE LAIT CONCENTRÉ¹

Canada.....	24	50,617	309,737	224	821	49,177
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¹ The concentrated milk factories are located by provinces as follows:—

Nova Scotia, 4; Ontario, 20; Alberta, 1; British Columbia, 2.

¹ Les fabriques de lait concentré se répartissent ainsi qu'il suit entre les différentes provinces:—

Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

V. Miscellaneous Statistics of Dairy Factories, 1938—concluded

V. Détails statistiques concernant l'industrie laitière, 1938—fin

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Electricity used Electricité employée	Kw. H. Kw.-h.	Power Equipment (ordinarily in use) Force motrice (ordinairement en usage)						Boilers Chaudières		No.	
		Steam engines Machines à vapeur		Electric motors Moteurs électriques		Other power Autre force motrice					
		Units Unités	H.P. Unités	Units Unités	H.P. Unités	Units Unités	H.P. Unités	Units Unités	H.P. Unités		
		no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.	no. nomb.		
29,953	1,788	5	66	3	25	—	—	5	149	1	
5,750	287	1	10	3	7	—	—	—	—	2	
89,747	3,852	2	20	11	108	—	—	4	140	3	
89,300	4,875	2	25	22	87	—	—	4	128	4	
396,666	8,809	1	25	70	325	—	—	2	85	5	
—	—	4	57	—	—	—	—	5	137	6	
129,510	3,909	1	25	44	144	—	—	8	203	7	
23,980	1,800	—	—	12	64	—	—	2	40	8	
544,970	10,086	—	—	112	529	—	—	5	331	9	
43,460	1,515	—	—	7	20	—	—	1	25	10	
27,795	1,068	2	27	5	20	—	—	4	88	11	
627,220	21,517	—	—	134	723	—	—	6	455	12	
65,286	2,998	—	—	9	95	—	—	1	10	13	
131,495	4,385	3	45	18	118	—	—	5	155	14	
69,784	2,985	1	12	10	102	1	3	3	105	15	
142,250	6,128	2	30	14	98	—	—	5	170	16	
2,980,172	49,203	70	1,088	326	1,872	6	43	104	3,628		
26,826	1,470	4	77	5	45	—	—	3	87	17	
—	206	7	95	—	—	—	—	8	265	18	
5,200	206	5	67	—	—	—	—	5	118	19	
24,360	482	2	40	2	8	—	—	2	120	20	
589,323	10,017	1	10	75	360	—	—	8	374	21	
110,381	3,066	15	185	10	36	—	—	16	439	22	
1,500,892	18,879	1	1	148	944	2	16	9	575	23	
—	65	2	22	—	—	—	—	2	45	24	
251,737	4,467	2	45	23	165	1	2	6	223	25	
20,930	799	2	29	6	25	—	—	5	121	26	
127,571	2,293	1	10	14	84	—	—	3	83	27	
—	21	2	20	3	23	—	—	3	70	28	
255,059	4,696	12	312	21	128	1	3	13	577	29	
12,000	398	5	50	3	10	1	2	6	160	30	
45,893	2,138	9	125	16	44	1	20	15	371	31	
3,401,836	44,442	9	102	392	2,029	1	7	37	1,856		
50,485	1,685	3	26	10	59	—	—	3	70	32	
61,108	1,492	1	16	9	76	—	—	1	33	33	
595,378	6,338	—	—	47	311	—	—	3	540	34	
69,246	1,410	1	32	18	73	1	7	2	39	35	
5,942	274	2	21	8	17	—	—	3	91	36	
8,800	264	1	6	16	15	—	—	2	12	37	
16,934	535	—	—	4	14	—	—	1	18	38	
2,298,743	25,161	1	1	226	1,207	—	—	13	742	39	
241,229	5,804	—	—	34	188	—	—	3	110	40	
53,911	1,479	—	—	20	69	—	—	6	201	41	

(2) CONCENTRATED MILK FACTORIES—FABRIQUES DE LAIT CONCENTRÉ

3,100,950	42,706	33	1,774	542	2,250	3	75	63	8,620	
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DAIRY FACTORIES

VI. Power Equipment (ordinarily in use) of Dairy Factories, by Provinces, 1938

VI. Force motrice (ordinairement en usage) de l'industrie laitière, par provinces, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

No.	Province	Establishments — Etablissements	Steam engines and turbines — Machines à vapeur		Gas, gasoline and oil engines — Machines à gaz, gazoline et pétrole	
			no. — nombre	no. — nombre	H.P.	no. — nombre
						H.P.
	CANADA.....	2,528	1,123	10,423	230	1,485
1	Prince Edward Island—Ile du Prince-Edouard...	29	17	210	2	75
2	Nova Scotia—Nouvelle-Ecosse.....	29	13	214	3	12
3	New Brunswick—Nouveau-Brunswick.....	34	13	167	4	81
4	Québec.....	1,179	673	5,586	148	1,035
5	Ontario.....	958	271	2,110	62	220
6	Manitoba.....	85	37	559	3	9
7	Saskatchewan.....	68	25	357	1	3
8	Alberta.....	108	70	1,088	6	43
9	British Columbia—Colombie Britannique.....	38	9	102	1	7

(2) CONCENTRATED MILK FACTORIES²—FABRIQUES DE LAIT CONCENTRÉ²

CANADA.....	24	33	1,774	3	75
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VI. Power Equipment (in reserve or idle) of Dairy Factories, by provinces, 1938

VI. Force motrice (inactive ou auxiliaire) de l'industrie laitière, par provinces, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

No.	Province	Establishments — Etablissements	Steam engines and turbines — Machines à vapeur		Gas, gasoline and oil engines — Machines à gaz, gazoline et pétrole	
			no. — nombre	no. — nombre	H.P.	no. — nombre
						H.P.
	CANADA.....	2,528	96	965	15	71
1	Prince Edward Island—Ile du Prince-Edouard...	29	1	25	—	—
2	Nova Scotia—Nouvelle-Ecosse.....	29	—	—	—	—
3	New Brunswick—Nouveau-Brunswick.....	34	—	—	—	—
4	Québec.....	1,179	47	410	3	28
5	Ontario.....	958	36	348	9	36
6	Manitoba.....	85	1	15	—	—
7	Saskatchewan.....	68	11	167	2	5
8	Alberta.....	108	—	—	1	2
9	British Columbia—Colombie Britannique.....	38	—	—	—	—

(2) CONCENTRATED MILK FACTORIES²—FABRIQUES DE LAIT CONCENTRÉ²

CANADA.....	24	10	606	—	—
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¹ Comprising creameries, cheese factories and combined butter and cheese factories.² The concentrated milk factories are located by provinces, as follows:—
Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

INDUSTRIE LAITIÈRE

61

VI. Power Equipment (ordinarily in use) of Dairy Factories, by provinces, 1938

VI. Force motrice (ordinairement en usage) de l'industrie laitière, par provinces, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

Water wheels and turbines		Total primary power		Electric motors operated by purchased power		Total power equipment		Electric motors operated by power generated by primary power		Total electric motors		Boilers		No.	
Turbines hydrauliques		Total pouvoir primaire		Moteurs électriques actionnés par force motrice achetée		Total de force motrice		Moteurs électriques actionnés par courant produit par l'établissement		Total des moteurs électriques		Chaudières			
no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.		
15	93	1,373	12,001	6,912	30,651	8,285	42,652	—	—	6,912	30,651	2,565	52,891		
—	—	19	285	53	127	72	412	—	—	53	127	30	572	1	
—	—	16	226	194	826	210	1,052	—	—	194	826	27	710	2	
—	—	17	248	153	684	170	932	—	—	153	684	30	715	3	
15	93	836	6,714	1,522	5,885	2,358	12,599	—	—	1,522	5,885	1,207	19,289	4	
—	—	333	2,330	3,296	14,053	3,629	16,383	—	—	3,296	14,053	966	20,671	5	
—	—	40	598	488	2,596	528	3,194	—	—	488	2,596	91	2,993	6	
—	—	26	360	488	2,379	514	2,939	—	—	488	2,379	67	2,457	7	
—	—	76	1,131	328	1,872	402	3,003	—	—	328	1,872	104	3,628	8	
—	—	10	109	392	2,029	402	2,138	—	—	392	2,029	37	1,856	9	

(2) CONCENTRATED MILK FACTORIES²—FABRIQUES DE LAIT CONCENTRÉ²

—	—	36	1,849	542	2,250	578	4,099	225	718	767	2,968	63	8,620	
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VI. Power Equipment (in reserve or idle) of Dairy Factories, by provinces, 1938

VI. Force motrice (inactive ou auxiliaire) de l'industrie laitière, par provinces, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

Water wheels and turbines		Total primary power		Electric motors operated by purchased power		Total power equipment		Electric motors operated by power generated by primary power		Total electric motors		Boilers		No.	
Turbines hydrauliques		Total pouvoir primaire		Moteurs électriques actionnés par force motrice achetée		Total de force motrice		Moteurs électriques actionnés par courant produit par l'établissement		Total des moteurs électriques		Chaudières			
no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.	no. — nom- bre	H.P.		
—	—	111	1,036	219	1,168	330	2,204	—	—	219	1,168	28	1,926		
—	—	1	25	—	—	1	25	—	—	—	—	—	—	1	
—	—	—	—	6	18	6	18	—	—	6	18	—	—	2	
—	—	—	—	9	84	9	84	—	—	9	84	—	—	3	
—	—	50	438	27	127	77	565	—	—	27	127	12	1,117	4	
—	—	45	384	133	605	178	989	—	—	133	605	5	145	5	
—	—	1	15	5	48	6	63	—	—	5	48	—	—	6	
—	—	13	172	22	242	35	414	—	—	22	242	8	542	7	
—	—	1	2	2	15	3	17	—	—	2	15	1	12	8	
—	—	—	—	15	29	15	29	—	—	15	29	2	110	9	

(2) CONCENTRATED MILK FACTORIES²—FABRIQUES DE LAIT CONCENTRÉ²

—	—	10	606	17	127	27	733	—	—	17	127	9	1,205	
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¹ Y compris fromageries, fromageries et fabriques de beurre et de fromage.

² Les fabriques de lait concentré se répartissent ainsi qu'il suit entre les différentes provinces:— Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

DAIRY FACTORIES

VII. Fuel Used in Dairy Factories, by Provinces, 1938

VII. Consommation de combustible par l'industrie laitière, par provinces, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

No.	Province	Quantity and Value of Quantité et valeur du					
		Coal Charbon		Coke Coke		Gasoline Gazoline	
		tons tonnes	\$	tons tonnes	\$	gal. gall.	\$
	CANADA	109,097	635,210	437	3,588	465,996	109,673
1	Prince Edward Island—Ile du Prince-Edouard..	827	6,028	-	-	9	2
2	Nova Scotia—Nouvelle-Ecosse.....	2,699	15,537	-	-	20,610	5,246
3	New Brunswick—Nouveau-Brunswick.....	1,930	9,135	5	60	11,090	2,824
4	Quebec.....	12,517	88,761	45	442	54,890	12,995
5	Ontario.....	52,235	366,165	332	2,585	279,229	61,612
6	Manitoba.....	11,589	49,622	-	-	53,133	14,103
7	Saskatchewan.....	10,129	43,578	-	-	11,249	4,261
8	Alberta.....	16,483	51,822	-	-	1,407	341
9	British Columbia—Colombie Britannique.....	688	4,562	55	501	34,382	8,289

(2) CONCENTRATED MILK FactORIES²—FABRIQUES DE LAIT CONCENTRÉ²

CANADA	50,617	309,737	-	-	2,876	623
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¹ Comprising creameries, cheese factories and combined butter and cheese factories.² The concentrated milk factories are located by provinces as follows:—
Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

VII. Fuel Used in Dairy Factories, by Provinces, 1938

VII. Consommation de combustible par l'industrie laitière, par provinces, 1938

(1) BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE¹

Fuel used during the year Combustible consommé durant l'année									No.
Fuel oil Pétrole		Wood Bois		Electricity Électricité		Gas Gaz	Other fuel Autre combustible	Total value Valeur totale	
gal. gall.	\$	cords cordes	\$	Kw. H. kw. b.	\$	\$	\$	\$	
954,260	49,419	143,712	402,109	35,912,402 ²	689,195	18,122	34,809	1,942,125	
24,057	1,941	864	3,579	173,729	3,043	—	1	15,494	1
14,270	842	1,069	3,620	891,970	21,829	—	—	47,074	2
90	10	966	3,329	663,836	17,685	604	60	33,707	3
170,507	7,883	76,137	183,085	—	156,691	435	3,187	464,370	4
253,032	14,092	44,555	140,410	22,489,903	258,796	3,463	9,730	856,853	5
—	—	9,591	27,421	2,819,707	56,670	68	1,219	140,103	6
—	—	5,913	17,480	2,491,249	79,936	—	2,052	147,307	7
2,346	339	2,474	4,787	2,980,172	49,203	13,173	2,925	122,590	8
489,358	24,312	2,163	7,498	3,401,836	44,442	379	15,635	105,618	9

(2) CONCENTRATED MILK FACTORIES²—FABRIQUES DE LAIT CONCENTRÉ²

105,897	6,439	224	821	3,100,950	42,706	25,358	16,157	402,441
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¹ Y compris beurseries, fromageries et fabriques de beurre et de fromage.² Les fabriques de lait concentré se répartissent ainsi qu'il suit entre les différentes provinces:—

Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

³ Exclusive of Quebec—A l'exclusion de Québec.

VIII. All Products of Dairy Factories, 1938

VIII. Tous produits laitiers, 1938

Province	Butter		Cheese		Condensed skim milk		Skim milk powder	
	Beurre		Fromage		Lait écrémé condensé		Lait écrémé en poudre	
	lb.—lb	\$	lb.—lb	\$	lb.—lb	\$	lb.—lb	\$
CANADA.....	267,317,271	66,534,568	123,971,308	16,809,861	4,510,922	234,421	25,545,231	1,882,353
Prince Edward Island...	2,557,447	656,774	449,957	62,528	—	—	—	—
Nova Scotia...	6,718,643	1,864,848	—	—	—	—	—	—
New Brunswick...	4,521,525	1,161,741	552,589	76,415	—	—	—	—
Quebec.....	79,758,453	19,577,024	28,569,124	3,822,843	176,080	4,710	1,802,982	93,255
Ontario.....	87,754,385	23,125,733	87,593,430	11,899,714	4,364,842	229,711	20,227,299	1,478,988
Manitoba.....	25,703,684	6,165,637	3,344,202	448,123	—	—	—	—
Saskatchewan.....	23,524,260	5,321,115	419,404	59,873	—	—	585,510	41,103
Alberta.....	31,242,357	7,157,624	2,451,821	348,404	—	—	265,030	18,552
British Columbia.....	5,568,517	1,504,072	590,781	91,861	—	—	2,064,410	250,455
Province	Condensed milk				Evaporated milk			
	Lait condensé				Lait évaporé			
	Case goods		Bulk goods		Case goods		Bulk goods	
	Caisse		Vrac		Caisse		Vrac	
lb.—lb	\$	lb.—lb	\$	lb.—lb	\$	lb.—lb	\$	lb.—lb
CANADA.....	5,549,081	504,256	3,682,431	335,920	165,373,408	7,518,001	346,200	14,178
Ile du Prince-Edouard...	—	—	—	—	—	—	—	—
Nouvelle-Ecosse...	—	(a)	—	—	—	(a)	—	—
Nouveau-Brunswick...	—	—	—	—	—	—	—	—
Québec.....	—	—	—	—	—	—	—	—
Ontario.....	—	(a)	3,682,431	335,920	80,363,708	5,932,692	346,200	14,178
Manitoba.....	—	—	—	—	—	—	—	—
Saskatchewan.....	—	—	—	—	—	—	—	—
Alberta.....	—	—	—	—	—	(a)	—	—
Colombie Britannique.....	—	—	—	—	—	(a)	—	—
Province	Milk powder		Whey butter		Casein		Ice Cream	
	Lait en poudre		Beurre de petit lait		Caséine		Crème à la glace	
	lb.—lb	\$	lb.—lb	\$	lb.—lb	\$	gal.—gall.	\$
CANADA.....	6,557,432	992,129	1,810,818	389,765	1,468,686	146,310	5,351,747	6,502,096
Prince Edward Island...	—	—	—	—	—	—	44,061	57,314
Nova Scotia...	—	—	—	—	—	—	359,443	466,658
New Brunswick...	—	—	—	—	—	—	227,186	253,328
Quebec.....	10,595	1,471	—	—	296,590	25,364	1,087,458	1,506,183
Ontario.....	6,574,717	990,077	1,771,280	381,804	861,075	86,142	2,090,636	2,483,990
Manitoba.....	—	—	14,762	3,247	—	—	483,803	512,530
Saskatchewan.....	—	—	—	—	—	—	366,472	417,475
Alberta.....	—	—	18,061	3,937	—	—	303,515	341,643
British Columbia.....	2,120	581	6,115	917	311,021	34,834	389,173	462,975
Province	Whole milk sold		Cream sold		Buttermilk sold		Whey cream sold	
	Lait frais vendu		Crème vendue		Lait de beurre vendu		Crème de petit lait vendue	
	gal.	\$	lb. of butter fat	\$	gal.	\$	Divers(b)	Total value
CANADA.....	68,972,074	26,396,152	16,893,491	8,932,697	502,902	129,701	3,024,076	10,849,356
Ile du Prince-Edouard...	152,681	57,482	19,943	11,360	4,601	—	4,590	854,649
Nouvelle-Ecosse...	1,100,814	393,677	389,121	203,914	12,597	—	322,861	3,264,555
Nouveau-Brunswick...	1,122,509	425,934	62,940	36,243	2,506	—	4,253	1,960,420
Québec.....	15,231,712	5,430,847	4,492,424	2,265,025	75,333	—	666,854	33,468,909
Ontario.....	30,788,033	12,886,463	8,082,603	3,945,555	285,832	127,762	2,187,730	66,392,091
Manitoba.....	3,509,457	2,104,775	1,161,966	849,312	38,856	—	139,364	10,261,844
Saskatchewan.....	3,236,881	1,270,313	921,672	519,182	13,326	—	102,114	7,744,601
Alberta.....	2,631,800	1,099,511	718,612	401,938	26,871	1,939	270,163	9,670,582
Colombie Britannique...	9,198,187	2,727,150	1,043,210	700,168	42,980	—	1,415,712	7,231,705

(a) Included in "Sundry".—(a) Compris avec divers.

(b) 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".—(b) 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 la classification "divers" pour les provinces.

IX. Classification of Dairy Factories according to Time in Operation, 1938

IX. Classification de l'industrie laitière d'après la durée des opérations, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

Province	Total establishments — Total des établissements	Establishments operating during the year					
		Etablissements ayant travaillé					
		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.	no.	no.	no.	no.	no.	no.	no.
CANADA.....	2,528	9	25	638	477	1,379	
Prince Edward Island—Ile du Pr.-Edouard	29	—	—	11	2	16	
Nova Scotia—Nouvelle-Ecosse	29	—	—	—	—	29	
New Brunswick—Nouveau-Brunswick	34	—	1	10	1	22	
Québec.....	1,179	1	16	276	244	642	
Ontario.....	958	8	6	328	224	392	
Manitoba.....	85	—	—	3	2	80	
Saskatchewan.....	68	—	1	7	1	59	
Alberta.....	108	—	1	3	2	102	
British Columbia—Colombie Britannique.....	38	—	—	—	1	37	

(2) CONCENTRATED MILK FACTORIES¹—FABRIQUES DE LAIT CONCENTRÉ¹

CANADA.....	21	—	—	—	—	—	24
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X. Classification of Dairy Factories According to Form of Organization, 1938

X. Forme des organisations de l'industrie laitière, 1938

(1) BUTTER AND CHEESE FACTORIES¹—FABRIQUES DE BEURRE ET DE FROMAGE¹

Province	Total establishments — Total des établissements	Establishments operated by			
		Etablissements appartenant à des			
		Individuals and Partnerships — Particuliers et sociétés individuelles	Co-operative Associations — Associations coopératives	Incorporated Companies — Compagnies incorporées	
no.	no.	no.	no.	no.	no.
CANADA.....	2,528	1,530	455	543	
Prince Edward Island—Ile du Prince-Edouard.....	29	5	13	11	
Nova Scotia—Nouvelle-Ecosse.....	29	12	3	14	
New Brunswick—Nouveau-Brunswick.....	34	7	8	19	
Québec.....	1,179	844	302	33	
Ontario.....	958	586	73	209	
Manitoba.....	85	28	21	38	
Saskatchewan.....	68	14	5	49	
Alberta.....	108	28	19	61	
British Columbia—Colombie Britannique.....	38	6	11	21	

(2) CONCENTRATED MILK FACTORIES²—FABRIQUES DE LAIT CONCENTRÉ²

CANADA.....	21	—	2	22
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¹ Comprising creameries, cheese factories and combined butter and cheese factories.¹ Y compris beurries, fromageries et fabriques de beurre et de fromage.² The concentrated milk factories are located by provinces as follows:

Nova Scotia, 1; Ontario, 20; Alberta, 1; British Columbia, 2.

² Les fabriques de lait concentré se répartissent ainsi qu'il suit entre les différentes provinces:—
Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

DAIRY FACTORIES

XI. Classification of Butter and Cheese Factories according to Quantity of Product, 1938

XI. Classification des fabriques de beurre et de fromage selon la production, 1938

CREAMERIES—BEURRERIES

Province	Total establish- ments — Total des établis- sements	Creameries having a production of butter of					
		Beurrerries ayant une production de					
		Under 50,000 lb.	50,000 lb. to under 100,000 lb.	100,000 lb. to under 200,000 lb.	200,000 lb. to under 500,000 lb.	500,000 lb. and over	500,000 lb. et plus
Canada	1,344	293	317	311	326	97	
Prince Edward Island—Ile du Pr.-Edouard	22	7	5	6	4	—	
Nova Scotia—Nouvelle-Ecosse	29	7	2	5	12	3	
New Brunswick—Nouveau-Brunswick	25	10	6	3	3	3	
Québec	712	205	247	187	68	5	
Ontario	301	41	37	69	112	42	
Manitoba	68	2	1	6	45	14	
Saskatchewan	59	1	2	5	38	13	
Alberta	93	4	11	23	41	14	
British Columbia—Colombie Britannique	35	16	6	7	3	3	

COMBINED BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Province	Total establish- ments — Total des établis- sements	Combined Butter and Cheese Factories having a production of butter of					
		Fabriques de beurre et de fromage ayant une production de beurre de					
		Under 50,000 lb.	50,000 lb. to under 100,000 lb.	100,000 lb. to under 200,000 lb.	200,000 lb. to under 500,000 lb.	500,000 lb. and over	500,000 lb. et plus
Canada	196	133	36	12	12	3	
New Brunswick—Nouveau-Brunswick	1	1	—	—	—	—	
Québec	146	111	27	6	2	—	
Ontario	42	20	9	4	8	1	
Manitoba	2	1	—	1	—	—	
Saskatchewan	1	—	—	—	—	1	
Alberta	4	—	—	1	2	—	

CHEESE Factories—FROMAGERIES

Province	Total establish- ments — Total des établis- sements	Cheese Factories having a production of cheese of					
		Fromageries ayant une production de					
		Under 100,000 lb.	100,000 lb. to under 200,000 lb.	200,000 lb. to under 300,000 lb.	300,000 lb. to under 500,000 lb.	500,000 lb. and over	500,000 lb. et plus
Canada	988	563	341	61	19	4	
Prince Edward Island—Ile du Pr.-Edouard	7	7	—	—	—	—	
New Brunswick—Nouveau-Brunswick	8	8	—	—	—	—	
Québec	321	290	31	—	—	—	
Ontario	615	246	207	54	15	3	
Manitoba	15	1	8	3	3	—	
Saskatchewan	8	7	1	—	—	—	
Alberta	11	3	4	3	—	1	
British Columbia—Colombie Britannique	3	1	—	1	1	—	

XI. Classification of Butter and Cheese Factories according to Quantity of Product, 1938—concluded
XI. Classification de fabriques de beurre et de fromage selon la production, 1938—fin

COMBINED BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE

Province	Total establish- ments — Total des établis- sements	Combined Butter and Cheese Factories having a production of cheese of				
		Fabriques de beurre et de fromage ayant une production de fromage de				
		Under 100,000 lb.	100,000 lb. to under 200,000 lb.	200,000 lb. to under 300,000 lb.	300,000 lb. to under 500,000 lb.	500,000 lb. and over
	no.	no.	no.	no.	no.	no.
Canada	196	130	44	13	7	2
New Brunswick—Nouveau-Brunswick	1	1	—	—	—	—
Québec	146	115	30	1	—	—
Ontario	42	10	11	12	7	2
Manitoba	2	1	1	—	—	—
Saskatchewan	1	1	—	—	—	—
Alberta	4	2	2	—	—	—

XII. Number of Dairy Factories classified by Kind of Product, 1938
XII. Nombre d'établissements laitiers classifiés par produits, 1938

Province and County or District — Provinces et comtés ou districts	Creameries or butter factories — Beurries	Cheese factories — Froma- geries	Combined butter and cheese factories — Fabriques de beurre et de fromage	Concen- trated milk factories — Fabriques de lait concentré	Total establis- ments — Total des établis- sements	
					no.	no.
					no.	no.
Canada	1,341	988	196	24	2,552	
Prince Edward Island—Île du Prince-Edouard	22	7	—	—	—	29
Kings	3	1	—	—	—	—
Prince	6	4	—	—	—	—
Queens	13	2	—	—	—	—
Nova Scotia—Nouvelle-Écosse	29	—	—	1	30	
Annapolis	1	—	—	—	—	1
Antigonish	2	—	—	—	—	2
Cape Breton	1	—	—	—	—	1
Colchester	3	—	—	—	—	4
Cumberland	4	—	—	—	—	4
Digby	1	—	—	—	—	1
Halifax	4	—	—	—	—	4
Hants	2	—	—	—	—	2
Inverness	2	—	—	—	—	2
Kings	3	—	—	—	—	3
Lunenburg	1	—	—	—	—	1
Pictou	2	—	—	—	—	2
Victoria	1	—	—	—	—	1
Yarmouth	2	—	—	—	—	2
New Brunswick—Nouveau-Brunswick	26	8	1	—	34	
Albert	1	—	—	—	—	1
Carleton	1	—	—	—	—	1
Charlotte	1	—	—	—	—	1
Gloucester	1	—	—	—	—	1
Kings	3	7	—	—	—	10
Madawaska	3	—	—	—	—	3
Northumberland	1	—	—	—	—	1
Restigouche	3	—	—	—	—	3
Saint John	3	—	—	—	—	3
Victoria	1	—	—	—	—	1
Westmorland	4	1	1	—	—	6
York	3	—	—	—	—	3

XII. Number of Dairy Factories classified by Kind of Product, 1938—con.

XII. Nombre d'établissements laitiers classifiés par produit, 1938—suite

Province and County or District Provinces et comtés ou districts	Creameries or butter factories	Cheese factories	Combined butter and cheese factories	Concen- trated milk factories	Total estab- lish- ments
	Beurseries	Froma- geries	Fabriques de beurre et de fromage	Fabriques de lait concentré	Total des éta- blish- ments
	no.	no.	no.	no.	no.
Québec.....	712	321	146	-	1,179
Abitibi.....	7	1	-	-	8
Argenteuil.....	1	4	2	-	7
Arthabaska.....	6	16	22	-	44
Bagot.....	18	2	1	-	21
Beauce.....	25	23	-	-	48
Begharnois.....	4	1	1	-	6
Bellechasse.....	13	14	-	-	27
Berthier.....	14	3	-	-	17
Bonaventure.....	13	2	-	-	15
Brome.....	6	-	-	-	6
Chambly.....	1	1	-	-	2
Champlain.....	21	2	2	-	25
Charlevoix.....	4	8	-	-	12
Châteauguay.....	4	3	-	-	7
Chicoutimi.....	5	33	2	-	40
Compton.....	16	1	-	-	17
Deux-Montagnes.....	11	-	1	-	12
Dorchester.....	17	11	-	-	28
Drummond.....	12	6	4	-	22
Frontenac.....	19	10	-	-	29
Gaspé-Nord.....	2	-	-	-	2
Gaspé-Sud.....	4	-	-	-	4
Gatineau et Hull.....	6	3	-	-	9
Huntingdon.....	8	-	-	-	8
Iberville.....	2	2	1	-	5
Joliette.....	18	-	-	-	18
Kamouraska.....	15	1	1	-	17
L'Abbaye.....	10	23	17	-	40
Lac-St-Jean.....	-	-	-	-	2
Lanairie.....	2	-	-	-	10
L'Assomption.....	10	-	-	-	9
Laviolette.....	7	2	-	-	5
Lévis.....	4	1	-	-	14
L'Islet.....	12	2	-	-	28
Lotbinière.....	26	2	-	-	19
Muskimongé.....	15	1	3	-	12
Matane.....	9	3	-	-	13
Matapedia.....	8	5	-	-	33
Mégantic.....	21	5	7	-	9
Missisquoi.....	9	-	-	-	11
Montealn.....	11	-	-	-	16
Montmagny.....	10	6	-	-	9
Montmorency.....	9	-	-	-	10
Montréal (cité).....	10	-	-	-	3
Napierville.....	3	-	-	-	56
Nicolet.....	30	7	19	-	30
Papineau.....	10	20	-	-	5
Pontiac.....	4	1	-	-	28
Portneuf.....	24	3	1	-	5
Québec.....	5	-	-	-	15
Richelieu.....	12	1	2	-	21
Richmond.....	7	11	3	-	19
Rimouski.....	9	10	-	-	23
Rivière-du-Loup.....	23	23	-	-	40
Roberval.....	5	12	23	-	21
Rouville.....	9	9	3	-	3
Saguenay.....	2	1	-	-	24
Shefford.....	24	-	-	-	5
Sherbrooke.....	5	-	-	-	8
Soulange.....	7	1	-	-	8
Stanstead.....	8	-	-	-	20
St-Hyacinthe.....	9	2	9	-	3
St-Jean.....	3	3	-	-	15
St-Maurice.....	13	13	2	-	12
Témiscamique.....	12	-	-	-	9
Témiscouata.....	7	2	-	-	12
Terrebonne.....	10	2	-	-	9
Vaudreuil.....	4	5	-	-	8
Verchéres.....	7	-	-	-	35
Wolfe.....	10	18	1	-	34
Yamaska.....	5	15	14	-	

XII. Number of Dairy Factories classified by Kind of Product, 1938—con.

XII. Nombre d'établissements laitiers classifiés par produit, 1938—suite

Province and County or District Provinces et comtés ou districts	Creameries or butter factories	Cheese factories	Combined butter and cheese factories	Concen- trated milk factories	Total establish- ments
	Beurries	Froma- geries	Fabriques de beurre et de fromage	Fabriques de lait concentré	Total des éta- blissements
	no.	no.	no.	no.	no.
Ontario	301	615	42	20	978
Algoma.....	7	—	—	—	7
Brant.....	5	1	—	—	7
Bruce.....	12	2	—	—	14
Carleton.....	10	40	—	—	50
Cochrane.....	6	3	—	—	9
Dufferin.....	4	—	—	—	4
Dundas.....	—	40	4	1	45
Durham.....	4	—	—	—	4
Elgin.....	7	7	—	2	16
Essex.....	10	—	—	—	10
Frontenac.....	4	45	—	1	50
Glenelg.....	—	58	2	—	60
Grenville.....	3	24	1	1	29
Grey.....	14	—	—	—	14
Haldimand.....	5	—	—	—	5
Halton.....	4	—	—	—	4
Hastings.....	10	55	1	—	66
Huron.....	14	2	—	—	16
Kent.....	9	—	—	—	9
Lambton.....	8	1	—	—	9
Lanark.....	6	23	1	—	30
Leeds.....	2	58	—	3	63
Lennox and Addington.....	2	20	1	1	24
Lancaster.....	4	—	—	—	4
Middlesex.....	9	14	2	1	26
Nipissing.....	3	4	—	—	7
Norfolk.....	2	2	—	1	5
Northumberland.....	4	19	2	—	25
Ontario.....	7	—	—	—	7
Oxford.....	3	17	5	5	30
Parry Sound.....	2	—	—	—	2
Peel.....	5	—	—	—	5
Perth.....	14	5	9	1	29
Peterborough.....	8	11	—	1	20
Prescott.....	1	63	4	—	68
Prince Edward.....	2	15	—	1	18
Rainy River.....	3	1	—	—	4
Renfrew.....	11	4	1	—	16
Russell.....	—	43	2	—	45
Simcoe.....	12	—	—	—	12
Stormont.....	4	32	6	—	42
Sudbury.....	2	1	—	—	3
Thunder Bay.....	3	—	—	—	3
Timiskaming.....	5	—	—	—	5
Victoria.....	6	1	—	—	7
Waterloo.....	8	3	—	—	12
Welland.....	3	1	—	—	4
Wellington.....	11	—	—	—	11
Wentworth.....	5	—	—	—	5
York.....	18	—	—	—	18
Manitoba	68	15	2	—	85
Brandon.....	7	—	—	—	7
Churchill.....	1	—	—	—	1
Dauphin.....	6	—	—	—	6
Lisgar.....	4	1	—	—	5
Macdonald.....	7	—	—	—	7
Marquette.....	7	—	—	—	7
Neepawa.....	3	—	—	—	3
Portage la Prairie.....	3	—	—	—	3
Provencher.....	5	12	—	—	17
St. Boniface.....	1	2	1	—	4
Selkirk.....	10	—	—	—	10
Souris.....	3	—	—	—	3
Springfield.....	2	—	—	—	2
Winnipeg.....	9	—	1	—	10

DAIRY FACTORIES

XII. Number of Dairy Factories classified by Kind of Product, 1938—concluded

XII. Nombre d'établissements laitiers classifiés par produit, 1938—fin

Province and County or District Provinces et comtés ou districts	Creameries or butter factories	Cheese factories	Combined butter and cheese factories	Concen- trated milk factories	Total estab- lish- ments
	Beurries	Froma- geries	Fabriques de beurre et de fromage	Fabriques de lait concentré	Total des éta- blissements
	no.	no.	no.	no.	no.
Saskatchewan.....	59	8	1	—	68
Assiniboia.....	3	—	—	—	3
Humboldt.....	1	1	—	—	2
Kindersley.....	1	—	—	—	1
Mackenzie.....	5	—	—	—	5
Maple Creek.....	1	—	—	—	1
Melfort.....	3	—	—	—	3
Melville.....	3	—	1	—	4
Moose Jaw.....	4	—	—	—	4
North Battleford.....	3	1	—	—	4
Prince Albert.....	4	3	—	—	7
Qu'Appelle.....	3	—	—	—	3
Regina.....	5	—	—	—	5
Rosetown.....	1	—	—	—	1
Rosthern.....	3	1	—	—	4
Saskatoon.....	4	—	—	—	4
Swift Current.....	2	1	—	—	3
The Battlefords.....	5	1	—	—	6
Weyburn.....	3	—	—	—	3
Yorkton.....	5	—	—	—	5
Alberta.....	93	11	1	1	109
Acadia.....	4	—	—	—	4
Athabasca.....	7	1	—	—	8
Battle River.....	5	—	—	—	5
Bow River.....	2	1	—	—	3
Calgary.....	10	—	—	—	10
Camrose.....	13	4	—	—	17
Edmonton.....	7	—	—	—	7
Jasper-Edson.....	2	—	—	—	2
Lethbridge.....	4	2	—	—	6
MacLeod.....	5	—	—	—	5
Medicine Hat.....	3	—	—	—	3
Peace River.....	3	—	—	—	3
Red Deer.....	13	—	1	1	15
Vegreville.....	5	1	—	—	6
Wetaskiwin.....	10	2	3	—	15
British Columbia— Colombie Britannique.....	35	3	—	2	40
Cariboo.....	4	—	—	—	4
Comox-Alberni.....	1	—	—	—	1
Fraser Valley.....	1	1	—	2	4
Kootenay.....	3	—	—	—	3
Nanaimo.....	3	—	—	—	3
New Westminster.....	2	—	—	—	2
Skeena.....	1	—	—	—	1
Vancouver.....	12	1	—	—	13
Victoria.....	3	—	—	—	3
Yale.....	5	1	—	—	6

THE ICE CREAM INDUSTRY

The ice cream industry comprises those plants engaged primarily in the manufacture of ice cream and which, having no production of butter, cheese or concentrated milk, cannot be recorded as dairy factories.

The distribution of the plants by provinces in the years 1937 and 1938 is as follows, the figures for 1937 being placed within brackets. Prince Edward Island, 0 (1); Nova Scotia, 3 (3); Quebec, 15 (11); Ontario, 21 (21); Manitoba, 1 (1); Saskatchewan 1 (1); Alberta, 5 (4); British Columbia, 8 (8); and total for Canada, 54 (49).

The total value of production was \$2,761,721, compared with \$2,897,879 in 1937. Statistics of the industry for Canada as a whole are given in the following table. The statistics of this industry are not included in the statistics of dairy factories.

XIII. Statistics of Ice Cream Plants, Canada, 1938

XIII. Statistiques des fabriques de crème à la glace, Canada, 1938

Establishments.....	No. 54	..... Etablissements.
Capital invested.....	\$ 2,717,083	..... Capital.
Salaried employees—		..... Employés à salaire—
Male.....	No. 123	Hommes.
Female.....	No. 28	Femmes.
Total salaries.....	\$ 228,603	..... Tous salariés.
Wage-earners—		..... Employés à gages—
Male.....	No. 305	Hommes.
Female.....	No. 47	Femmes.
Total wages.....	\$ 329,928	..... Tous gages.
Power Equipment—		..... Force motrice—
Steam engines and turbines.....	No. 2	Engins à vapeur et turbines.
Electric motors.....	H.P. 8	..... Moteurs électriques.
Boilers.....	H.P. 321	..... Chaudières.
Electricity purchased.....	\$ 42,382	..... Energie électrique.
Fuel used.....	\$ 18,388	..... Combustible.
Materials used—		..... Matières premières—
Milk, fresh and skimmed.....	\$ 170,284	Lait, frais et écrémé.
Milk, condensed.....	\$ 9,655	Lait, condensé.
Milk, powdered.....	\$ 33,491	Lait, pulvérisé.
Cream.....	\$ 436,603	Crème.
Sugar.....	\$ 91,414	Sucre.
Boxes, containers, etc.....	\$ 126,393	Boîtes, récipients.
All other materials used.....	\$ 394,171	Toutes autres matières premières.
Total value of materials used.....	\$ 1,282,011	..... Valeur totale des matières.
Production—		..... Production—
Ice cream (a).....	gal. 1,928,493	Crème à la glace (a).
Other products.....	\$ 2,313,202	
Total value of production.....	\$ 448,519	..... Autres produits.
	\$ 2,761,721	..... Valeur totale de la production.

(a) Exclusive of that produced in dairy factories.

(a) A l'exclusion de la production des laiteries.

INDUSTRIE DE LA CRÈME À LA GLACE

L'industrie de la crème à la glace comprend ces établissements engagés principalement dans la fabrication de la crème à la glace et qui, ne produisant pas de beurre, de fromage ou de lait concentré, ne peuvent pas être compris avec les fabriques de produits laitiers.

La répartition de ces établissements, par province, les années 1937 et 1938, est comme il suit (chiffres de 1937 entre parenthèses): Ille du Prince-Edouard, 0 (1); Nouvelle-Ecosse, 3 (3); Québec, 15 (11); Ontario, 21 (21); Manitoba, 1 (1); Saskatchewan, 1 (1); Alberta, 5 (4); Colombie Britannique, 8 (8); et total pour le Canada, 54 (49).

La valeur totale de la production s'établit à \$2,761,721, contre \$2,897,879 en 1937. Les statistiques de cette industrie, pour tout le Canada, sont données dans le tableau ci-dessous. Les statistiques de cette industrie ne sont pas comprises dans les statistiques des fabriques de produits laitiers.

THE PROCESSED CHEESE INDUSTRY

In 1938, for the first time, the plants engaged in the manufacture of processed cheese were included in the annual collection of returns of the Census of Industry, which requires information concerning capital, employees, materials and fuel used, power equipment, and products. Prior to that year the manufacturers of processed cheese were asked for the quantity of cheese made and the quantity exported only.

The production of processed cheese in 1938 amounted to 14,189,496 pounds, valued at \$3,170,898. In 1937 the quantity made was 12,649,996 pounds, but information regarding the value of the product in that year is not available.

The number of processed cheese factories in operation in 1938 was 23, located by provinces as follows: Ontario, 11; Quebec, 8; Manitoba, 3 and Alberta, 1. The total value of output, including the processed cheese and such miscellaneous items as sandwich spread and salad and mayonnaise dressing, was \$4,555,383.

In the following table are presented the principal statistics of the industry in the year 1938.

XIV. Statistics of Processed Cheese Plants, Canada, 1938

XIV. Statistiques des fabriques de fromage composé, Canada, 1938

Establishments.....	No.	23	Etablissements.....
Capital invested.....	\$	3,066,016	Capital.....
Salaried employees—			Employés à salaire—
Male.....	No.	80	Hommes.....
Female.....	No.	25	Femmes.....
Total salaries.....	\$	184,749	Tous salaires.....
Wage-earners—			Employés à gages—
Male.....	No.	171	Hommes.....
Female.....	No.	122	Femmes.....
Wages.....	\$	225,446	Tous gages.....
Power equipment—			Force motrice—
Steam engines and turbines.....	No.	1	Engins à vapeur et turbines.....
Electric motors.....	No.	97	Moteurs électriques.....
Boilers.....	H.P.	500	Chaudières à vapeur.....
Electricity purchased.....	H.P.	10	Energie électrique.....
Fuel used.....	\$	14,465	Combustible.....
Materials used—	\$	10,881	Matières premières—
Cheese for processing.....	lb.	10,851,149	Fromage pour transformation.....
Other materials.....	\$	1,547,360	Autres matières.....
Total value of materials used.....	\$	1,204,828	Valeur totale des matières.....
Production—			Production—
Processed cheese.....	lb.	14,189,496	Fromage composé.....
Other products.....	\$	3,170,898	Autres produits.....
Total value of production.....	\$	1,384,485	Valeur totale de la production.....
		4,555,383	

L'INDUSTRIE DU FROMAGE COMPOSÉ

En 1938 les établissements engagés dans la fabrication du fromage composé ont commencé à envoyer des rapports annuels pour le Recensement des Industries qui demande des informations sur le capital, le personnel les matières premières et le combustible, l'outillage moteur et les produits. Auparavant, les fabricants de fromage composé n'avaient qu'à déclarer le volume de leur production et de leurs exportations.

La production de fromage composé en 1938 s'élève à 14,189,496 livres (\$3,170,898). En 1937, elle est de 12,649,996 livres mais il n'existe pas de données sur sa valeur.

Il y a 23 établissements en opération en 1938, répartis comme suit par province: Ontario, 11; Québec, 8; Manitoba, 3; et Alberta, 1. La valeur globale de la production, comprenant le fromage composé et les item divers comme les crèmes à sandwich et les sauces et mayonnaises à salade, est de \$4,555,383.

Le tableau suivant présente les principales statistiques de l'industrie en 1938.

**XV. Exports of Canadian Dairy Products by Principal Countries,
1934-1938**

XV. Exportations des produits laitiers du Canada, par principaux pays de destination, 1934-1938

(Compiled by the External Trade Branch—Composé par la Section du Commerce Extérieur)

Exported to Exporté vers	Years ended December 31				
	Années terminées le 31 décembre				
	1934	1935	1936	1937	1938

MILK, FRESH—LAIT FRAIS

United States.....	gal. \$	-	2,262 389	4,025 783	5,264 1,858	2,470 880
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CREAM—CRÈME

United States.....	gal. \$	8 8	7 7	35,366 54,338	108,504 191,911	5,096 11,153
Other countries.....	gal. \$	32 59	-	212 364	1,915 3,110	2,258 5,588
Total	gal. \$	40 67	7 7	35,578 54,702	110,479 195,031	7,334 16,741

BUTTER—BEURRE

United Kingdom.....	lb. \$	400 99	7,135,800 1,655,987	4,433,000 1,003,229	3,567,900 1,000,685	3,368,800 726,358
Bermuda.....	lb. \$	2,100 504	33,800 7,808	79,000 17,582	23,500 6,413	54,500 13,553
British Guiana.....	lb. \$	1,700 486	3,800 871	8,900 2,739	3,000 907	4,500 1,239
Guyana anglaise.....	lb. \$	20,800 5,733	20,000 5,728	18,000 5,202	14,100 4,261	9,400 2,776
British Honduras.....	lb. \$	79,000	99,300	160,800	105,800	124,400
Honduras anglais.....	lb. \$	20,099	27,753	43,284	32,060	37,459
Antilles anglaises.....	lb. \$	47,600 11,788	11,200 2,352	-	-	-
Hong Kong.....	lb. \$	178,300 41,387	200,800 49,006	216,900 61,698	247,300 68,828	214,200 58,666
Newfoundland.....	lb. \$	600 198	-	1,000 333	-	1,900 1,009
Terre-Neuve.....	lb. \$	600 100	-	19,600 4,704	-	200 92
American Virgin Islands.....	lb. \$	43 -	-	2,000 1,000	-	-
Iles Vierges.....	lb. \$	-	-	-	-	-
China.....	lb. \$	-	-	-	-	-
Cuba.....	lb. \$	-	-	-	-	-
Haiti.....	lb. \$	-	1,000	2,000	-	-
Haiti.....	lb. \$	-	309	660	-	-
Japan.....	lb. \$	-	700	1,300	-	-
Japon.....	lb. \$	-	180	370	-	-
Panama.....	lb. \$	-	3,200	800	-	-
Panama.....	lb. \$	-	756	253	-	-
Peru.....	lb. \$	600 156	12,300 3,314	15,100 4,186	30,500 8,374	24,100 7,292
Pérou.....	lb. \$	-	3,009	-	-	3,100
Philippine Islands.....	lb. \$	-	729	-	-	793
Des Philippines.....	lb. \$	-	-	-	-	-
St. Pierre and Miquelon.....	lb. \$	87,100	105,700	101,900	82,200	80,600
St. Pierre et Miquelon.....	lb. \$	18,461	24,713	23,514	18,975	19,526
San Domingue.....	lb. \$	1,100	-	-	-	-
San Domingue.....	lb. \$	336	-	-	-	-
United States.....	lb. \$	6,600 1,526	65,900 16,471	18,400 4,955	14,700 4,255	3,800 1,015
Etats-Unis.....	lb. \$	2,300	3,400	22,100	7,600	3,900
Other countries.....	lb. \$	617	157	6,207	2,516	1,769
Total	lb. \$	428,300 101,424	7,697,090 1,796,125	5,128,800 1,178,916	4,096,600 1,117,274	3,893,400 871,547

**XV. Exports of Canadian Dairy Products by Principal Countries,
1934-1938—con.**

**XV. Exportations des produits laitiers du Canada par principaux pays de destination,
1934-1938—suite**

Exported to Exporté vers		Years ended December 31				
		Années terminées le 31 décembre				
		1934	1935	1936	1937	1938
CHEESE - FROMAGE						
United Kingdom.....	lb. \$	58,076,600 6,146,439	52,719,600 5,986,819	67,801,700 9,354,453	81,181,500 11,825,892	76,048,100 11,023,338
Royaume-Uni.....						
Bermuda.....	lb. \$	181,500 22,271	186,300 24,179	197,600 29,400	204,900 33,845	187,500 31,677
Bermudes.....						
British Honduras.....	lb. \$	73,700 9,773	93,200 12,516	98,100 14,878	90,500 15,219	62,400 10,703
Honduras anglais.....						
British South Africa.....	lb. \$	- -	- -	- -	- 4	200 55
Afrique du Sud anglaise.....						
British Guiana.....	lb. \$	86,200 10,252	69,500 8,572	99,900 14,002	137,500 21,071	94,500 15,457
Guyane anglaise.....						
British West Indies.....	lb. \$	1,068,100 152,238	1,179,300 170,756	1,163,200 181,579	1,280,000 221,297	1,362,700 253,184
Antilles anglaises.....						
Hong Kong.....	lb. \$	2,400 458	5,000 975	6,400 1,263	2,500 473	2,800 602
Newfoundland.....	lb. \$	423,200 48,039	488,600 60,016	577,700 84,804	637,000 99,328	695,500 110,427
Terre-Neuve.....						
Argentina.....	lb. \$	- -	- -	- -	16,400 4,117	- -
Argentine.....						
Belgium.....	lb. \$	262,700 28,625	287,000 35,614	273,400 37,308	346,400 51,270	428,600 61,709
Belgique.....						
China.....	lb. \$	34,300 7,585	27,000 6,637	23,800 6,096	14,100 3,804	6,600 1,855
Chine.....						
Cuba.....	lb. \$	1,500 314	3,500 688	2,100 423	500 108	- -
Egypt.....	lb. \$	2,700 684	4,400 934	1,200 293	1,700 383	1,300 352
Egypte.....						
France.....	lb. \$	32,100 3,510	4,400 602	22,200 3,556	17,100 2,424	113,900 17,893
Germany.....	lb. \$	3,800 619	1,600 265	3,000 543	112,600 17,175	121,200 18,588
Allemagne.....						
Italy.....	lb. \$	1,700 186	1,900 214	- -	- -	9,400 2,431
Italie.....						
Japan.....	lb. \$	68,100 15,347	88,000 20,948	82,200 19,952	63,800 16,640	- -
Japon.....						
Panama.....	lb. \$	22,700 3,090	41,900 5,776	45,900 7,078	53,400 9,962	- -
Roumania.....	lb. \$	900 264	- -	- -	- -	- -
Roumanie.....						
St. Pierre and Miquelon.....	lb. \$	11,500 2,695	10,100 2,214	6,800 1,749	5,000 1,254	3,800 882
St-Pierre et Miquelon.....						
Spain.....	lb. \$	800 137	- -	- -	- -	- -
Espagne.....						
United States.....	lb. \$	799,200 117,120	474,900 84,783	11,456,400 1,579,873	4,729,900 727,456	1,755,500 310,425
Etats-Unis.....						
Other countries.....	lb. \$	14,100 1,741	31,500 4,110	28,700 9,877	60,500 10,808	95,100 14,555
Autres pays.....						
Total.....	lb. \$	61,167,800 6,571,737	55,718,700 6,426,658	\$1,890,300 11,317,125	88,955,300 13,062,330	\$0,989,100 11,874,223

XV. Exports of Canadian Dairy Products, by Principal Countries,
1934-1938—con.

XV. Exportations des produits laitiers du Canada par principaux pays de destination,
1934-1938—suite

Exported to Exporté vers	Years ended December 31 Années terminées le 31 décembre					
	1934	1935	1936	1937	1938	
MILK, POWDERED—LAIT EN POUDRE						
United Kingdom.....	lb. \$	3,656,000 259,195	3,251,000 220,423	2,699,600 208,015	1,728,600 285,285	2,446,400 340,899
Bermuda.....	lb. \$	12,700 1,124	10,900 1,158	8,700 1,177	7,500 726	3,900 339
British East Africa.....	lb. \$	— —	21,700 4,450	700 151	— —	600 141
British South Africa.....	lb. \$	17,200 3,236	30,100 5,334	72,100 14,558	110,500 24,078	171,900 37,080
Southern Rhodesia.....	lb. \$	21,700 4,450	58,400 11,888	— —	52,600 11,488	70,500 16,203
Straits Settlements.....	lb. \$	56,300 10,873	66,400 12,628	72,400 14,404	134,600 29,005	109,500 23,744
British West Indies.....	lb. \$	38,500 7,173	26,200 5,736	28,700 5,395	41,000 6,194	59,500 9,045
Newfoundland.....	lb. \$	52,200 4,773	50,500 5,646	63,400 6,831	53,300 8,288	25,800 5,717
Hong Kong.....	lb. \$	1,000 90	34,700 6,832	46,700 9,281	67,700 14,835	61,300 14,187
China.....	lb. \$	11,800 2,453	93,200 14,769	173,300 26,913	137,000 27,813	61,700 12,956
Colombia.....	lb. \$	13,500 2,678	54,600 10,527	77,100 15,185	114,600 24,378	103,500 22,529
Japan.....	lb. \$	88,800 17,626	167,200 33,512	111,000 20,907	79,000 17,042	800 202
Spain.....	lb. \$	— —	1,500 591	— —	— —	— —
United States.....	lb. \$	721,600 145,496	830,100 143,071	1,351,400 148,966	520,300 113,238	427,100 94,609
Venezuela.....	lb. \$	— —	7,000 1,353	313,700 63,015	977,200 212,170	1,573,300 358,696
Other countries.....	lb. \$	22,500 4,324	28,400 5,218	162,700 25,265	285,909 50,483	263,800 58,224
Total.....	lb. \$	4,692,100 459,051	4,704,200 475,698	5,239,900 571,931	4,309,800 834,023	4,379,700 995,171

MILK, CONDENSED—LAIT CONDENSÉ

United Kingdom.....	lb. \$	417,300 56,202	354,900 50,700	316,000 45,138	392,000 43,072	381,900 36,112
British South Africa.....	lb. \$	— —	— —	— —	1,699,400 222,800	— —
Bermuda.....	lb. \$	217,500 29,404	186,400 26,400	194,200 27,743	73,600 10,455	7,400 651
British Guiana.....	lb. \$	222,100 31,740	119,700 17,100	400 60	— —	— —
British Honduras.....	lb. \$	241,000 33,892	367,100 52,530	103,000 14,568	46,700 6,678	1,400 147
British West Indies.....	lb. \$	968,400 136,720	725,400 102,962	238,400 34,066	1,434,700 159,491	1,879,600 178,363

**XV. Exports of Canadian Dairy Products by Principal Countries,
1934-1938—con.**

**XV. Exportations des produits laitiers du Canada par principaux pays de destination,
1934-1938—suite**

Exported to Exporté vers		Years ended December 31 Années terminées le 31 décembre				
		1934	1935	1936	1937	1938
		MILK, CONDENSED—concluded—LAIT CONDENSÉ—fin				
Newfoundland.....	lb. \$	322,200 41,804	299,800 40,236	241,400 31,899	288,100 37,027	313,300 38,024
Terre-Neuve.....						
Colombia.....	lb. \$	16,000 2,316	42,300 6,036	55,500 7,920	57,500 6,650	52,700 5,020
Colombie.....						
Costa Rica.....	lb. \$	26,100 3,726	32,300 4,650	67,700 9,780	81,200 4,242	12,400 1,189
Costa Rica.....						
Cuba.....	lb. \$	200 30	— —	— —	— —	— —
Mexico.....	lb. \$	29,200 4,170	— —	— —	— —	— —
Mexique.....						
Panama.....	lb. \$	— —	1,200 174	1,200 180	— —	— —
Panama.....						
San Domingo.....	lb. \$	9,800 1,428	29,400 4,266	17,700 2,550	4,300 570	2,400 240
San Domingue.....						
United States.....	lb. \$	— —	100 6	— —	— —	100 12
Etats-Unis.....						
Venezuela.....	lb. \$	— —	41,300 5,910	88,000 12,678	86,300 11,512	6,400 628
Venezuela.....						
Other countries.....	lb. \$	17,000 2,430	13,700 1,930	32,100 3,582	17,300 1,773	17,200 1,656
Autres pays.....						
Total.....	lb. \$	2,486,800 343,862	2,213,600 312,900	1,355,600 190,164	4,131,100 504,270	2,674,800 262,042

MILK EVAPORATED—LAIT ÉVAPORÉ						
United Kingdom.....	lb. \$	14,655,500 1,045,872	13,171,300 1,069,666	8,384,700 577,538	18,914,900 1,362,651	20,604,100 1,733,533
Royaume-Uni.....						
Bermuda.....	lb. \$	310,600 45,395	472,100 68,656	374,100 54,465	513,800 51,581	829,400 59,369
Bermudes.....						
British Guiana.....	lb. \$	12,000 2,376	1,600 240	3,200 450	3,300 486	8,200 606
Guyane anglaise.....						
British Honduras.....	lb. \$	37,300 8,304	57,000 10,951	24,800 4,530	27,800 3,285	32,700 2,693
Honduras anglais.....						
British West Indies.....	lb. \$	433,300 62,463	473,200 67,867	444,600 64,022	583,700 63,608	668,600 49,716
Antilles anglaises.....						
British East Indies.....	lb. \$	722,600 45,411	788,000 48,662	494,200 31,398	1,480,700 104,444	1,608,700 120,470
Indes anglaises.....						
British South Africa.....	lb. \$	26,400 1,530	10,900 671	5,100 330	— —	— —
Afrique anglaise du sud.....						
Gibraltar.....	lb. \$	72,000 4,500	30,000 1,650	48,000 3,000	26,400 1,650	14,400 900
Gibraltar.....						
Hong Kong.....	lb. \$	309,600 19,550	228,000 14,250	546,000 34,170	501,900 31,380	523,300 32,563
Hong Kong.....						
Malta.....	lb. \$	75,700 4,940	99,700 5,900	39,200 2,540	11,000 690	4,800 400
Malte.....						
Newfoundland.....	lb. \$	1,182,800 95,828	1,437,400 115,498	1,041,200 149,979	1,932,100 160,747	2,086,800 157,734
Terre-Neuve.....						
Bolivia.....	lb. \$	22,100 3,180	— —	— —	21,800 3,000	— —
Bolivie.....						

**XV. Exports of Canadian Dairy Products by Principal Countries,
1934-1938—concluded**

XV. Exportations des produits laitiers du Canada, par principaux pays de destination, 1934-1938—fin

Exported to Exporté vers	Years ended December 31 Années terminées le 31 décembre				
	1934	1935	1936	1937	1938

MILK EVAPORATED—concluded—LAIT ÉVAPORÉ—fin

China.....	lb.	183,800	149,800	203,300	122,000	143,500
Chine.....	\$	11,425	9,340	14,754	7,740	9,071
Colombia.....	lb.	29,800	19,000	7,800	12,000	1,900
Colombie.....	\$	3,990	2,562	1,128	1,009	146
Egypt.....	lb.	256,800	283,800	292,800	158,400	204,200
Egypte.....	\$	16,050	17,400	18,300	9,900	12,900
Netherlands East Indies.....	lb.	82,400	25,000	16,100	2,400	-
Indos néerlandaises.....	\$	5,622	1,878	1,254	180	-
Netherlands West Indies.....	lb.	86,700	54,000	266,400	14,400	4,300
Antilles hollandaises.....	\$	13,572	8,460	41,598	1,275	348
Panama.....	lb.	47,300	110,400	552,200	293,500	115,000
	\$	7,500	6,274	53,563	17,012	6,763
Peru.....	lb.	8,600	49,200	432,600	74,800	98,200
Pérou.....	\$	874	3,022	59,508	5,355	6,712
San Domingo.....	lb.	900	3,900	700	500	-
San Domingue	\$	138	552	90	36	-
St. Pierre and Miquelon.....	lb.	5,200	700	-	5,100	4,800
St-Pierre et Miquelon.....	\$	720	67	-	360	345
United States.....	lb.	700	2,600	-	1,000	100
Etats-Unis.....	\$	40	173	-	82	8
Other countries.....	lb.	95,700	73,500	91,000	139,300	69,700
Autres pays.....	\$	7,105	4,738	6,910	9,367	4,902
Total.....	lb.	18,657,800	17,541,100	13,868,000	24,841,400	27,022,700
	\$	1,406,375	1,458,477	1,119,527	1,835,838	2,199,179

CASEIN—CASEINE

United Kingdom.....	lb.	3,000	-	-	-	-
Royaume-Uni.....	\$	430	-	-	-	-
United States.....	lb.	230	-	58,066	3,302	50
Etats-Unis.....	\$	32	-	4,846	463	6
Total.....	lb.	3,230	-	58,066	3,302	50
	\$	462		4,846	463	6
Total Value of Exports of Canadian Dairy Products.....	\$	8,882,978	10,470,254	11,467,994	17,581,077	16,219,789
Valeur totale des exportations cana- diennes de produits laitiers.....						

XVI. Total Exports of Canadian Dairy Products, by Quantities and Values, 1901-1938
XVI. Total des exportations des produits laitiers du Canada, par quantités et valeur, 1901-1938

Year ended — Année terminée	Milk fresh		Cream		Butter		Cheese		Milk, condensed		Milk, evaporated ¹		Milk powder ²		Casein				
	Lait, frais	\$	Crème		Beurre	lb.	\$	lb.	\$	Lait, condensé	Lait, évaporé ¹	lb.	\$	lb.	\$	Caséine	Caséine		
June 30—	gal.		gal.		lb.		lb.		lb.		lb.		lb.		lb.		lb.		
1901.....	-	-	-	-	16,335,528	3,295,663	195,926,397	20,696,951	-	-	-	-	-	-	-	-	-		
1902.....	-	-	-	-	27,855,978	5,660,541	200,946,401	19,686,291	-	-	-	-	-	-	-	-	-		
1903.....	-	-	-	-	34,128,944	6,954,618	229,099,925	24,712,943	3,078,467	241,859	-	-	-	-	-	-	-		
1904.....	-	-	-	-	24,568,001	4,724,155	233,980,716	24,184,566	2,163,250	150,094	-	-	-	-	-	-	-		
1905.....	-	-	-	-	31,764,303	5,930,379	215,733,259	20,300,500	3,444,837	257,565	-	-	-	-	-	-	-		
1906.....	-	-	-	-	34,031,525	7,075,539	215,834,543	24,433,169	1,744,991	128,530	-	-	-	-	-	-	-		
March 31—	gal.		gal.		lb.		lb.		lb.		lb.		lb.		lb.		lb.		
1907 ²	-	-	-	-	18,078,508	4,011,609	178,141,567	22,006,584	686,539	46,041	-	-	-	-	-	-	-		
1908.....	-	-	-	-	4,786,954	1,068,703	189,710,463	22,887,237	463,650	42,757	-	-	-	-	-	-	-		
1909.....	-	-	-	-	6,326,355	1,521,436	164,907,139	20,384,666	1,275,163	90,520	-	-	-	-	-	-	-		
1910.....	-	-	-	-	4,615,346	1,010,274	180,585,886	21,607,692	6,916,283	541,372	-	-	-	-	-	-	-		
1911.....	58,102	5,391	1,823,821	1,714,528	3,142,682	744,288	181,895,724	20,739,507	6,584,828	469,406	-	-	-	-	1,515,172	37,009	-		
1912.....	7,771	975	886,266	792,687	8,844,402	2,077,916	163,450,684	20,888,818	4,389,350	305,678	-	-	-	-	1,021,197	38,302	-		
1913.....	7,939	1,412	820,360	751,123	828,323	223,578	155,216,392	20,697,144	335,849	25,554	-	-	-	-	349,865	15,342	-		
1914.....	307,188	47,645	1,323,929	1,289,655	1,228,753	309,046	144,478,346	18,868,755	9,339,382	666,941	-	-	-	-	270,486	11,071	-		
1915.....	477,692	68,205	1,895,575	1,830,006	2,724,913	639,625	137,801,661	19,213,501	18,355,975	1,181,300	-	-	-	-	230,045	13,923	-		
1916.....	394,831	59,028	1,262,290	1,131,832	3,441,183	1,018,769	168,961,583	26,690,500	13,247,834	770,566	-	-	-	-	50,564	3,282	-		
1917.....	760,805	130,492	803,498	777,771	7,990,435	2,491,992	180,733,426	36,721,136	15,585,622	1,371,610	-	-	-	-	50,588	5,196	-		
1918.....	1,116,362	241,527	585,601	666,401	4,926,154	2,000,467	169,530,753	36,602,504	43,656,718	4,055,048	-	-	-	-	16,200	2,634	-		
1919.....	827,973	226,777	485,015	620,725	13,659,157	6,140,864	152,207,037	35,223,983	50,786,866	7,035,297	-	-	-	-	9,110	1,936	-		
1920.....	1,985,113	576,666	795,780	1,123,424	17,612,605	9,844,359	126,395,777	36,336,863	54,247,498	8,517,771	-	-	-	-	-	-	-		
December 31—	gal.		gal.		lb.		lb.		lb.		lb.		lb.		lb.		lb.		
1920.....	1,689,377	475,921	1,276,792	1,977,791	13,361,020	7,457,097	142,767,545	39,544,883	52,035,783	8,589,330	-	-	-	-	-	-	-	-	
1921.....	1,333,604	306,429	1,409,223	2,129,545	9,132,926	3,648,047	137,180,457	27,088,905	36,185,941	5,641,831	-	-	-	-	23,615	1,413	-		
1922.....	878,584	192,510	1,845,325	2,832,215	21,504,508	8,015,395	120,177,163	21,636,738	24,848,780	2,805,794	-	3,442,074	328,795	20,049	1,276	-	-	-	
1923.....	2,132,765	437,215	2,668,747	4,451,582	13,173,711	4,905,608	116,201,900	23,445,401	41,092,200	4,628,979	-	4,975,838	475,419	8,910	895	-	-	-	
1924.....	2,896,279	523,323	2,888,822	5,328,446	22,343,039	8,000,512	121,465,600	22,375,787	40,250,600	4,628,913	-	7,264,947	690,451	57,059	4,294	-	-	-	
1925.....	4,314,193	754,081	4,077,481	7,000,141	26,046,535	9,917,516	150,742,900	34,575,980	40,614,000	4,347,773	-	7,069,511	740,661	271,653	21,831	-	-	-	
1926.....	4,801,016	971,014	4,457,129	7,601,432	9,814,000	3,352,829	134,656,600	24,857,868	24,775,200	2,853,917	8,504,400	745,534	7,969,900	923,222	163,346	16,266	-	-	
1927.....	3,673,242	729,823	4,044,916	7,120,209	2,690,900	1,063,610	110,533,000	20,122,543	20,872,600	2,471,660	12,806,900	1,091,483	5,629,600	945,832	382,024	47,369	-	-	
1928.....	3,959,812	666,920	3,043,418	5,593,399	1,994,890	803,055	114,152,500	25,467,642	20,424,500	2,324,044	6,693,500	598,601	4,888,500	541,064	248,582	33,892	-	-	
1929.....	3,291,819	750,257	2,385,754	4,911,935	1,400,400	583,065	92,946,100	18,503,575	17,553,200	1,981,736	8,893,100	1,012,753	5,236,000	630,872	174,684	24,756	-	-	
1930.....	1,473,618	309,011	1,269,721	2,468,216	1,180,400	410,447	80,163,700	13,207,021	11,981,200	1,375,432	8,489,300	980,269	4,730,400	592,545	188,013	18,290	-	-	
1931.....	473,867	77,023	71,264	134,229	10,680,500	2,329,553	84,788,400	10,594,917	8,206,408	988,336	6,251,800	543,499	5,746,000	580,190	19,050	1,494	-	-	
1932.....	55,486	7,107	99,362	184,440	3,505,700	656,364	80,939,900	8,914,705	7,341,100	743,837	13,671,500	989,791	3,747,200	364,271	33,760	1,220	-	-	
1933.....	1,178	125	22,898	40,136	4,437,200	826,819	74,168,600	8,076,620	4,249,500	4,246,146	18,819,400	1,305,353	4,631,700	365,654	-	-	-	-	-
1934.....	-	-	40	67	428,300	101,424	61,167,600	6,571,737	2,486,800	343,862	18,657,800	1,406,375	4,692,100	459,051	3,230	462	-	-	-
1935.....	2,262	389	7	7	7,097,000	1,798,125	55,718,700	6,426,658	2,213,600	312,900	17,541,100	1,458,477	4,704,200	475,698	-	-	-	-	-
1936.....	4,025	783	35,578	54,702	5,128,800	1,178,916	81,890,300	11,347,125	1,355,630	190,164,136	8,686,000	1,119,527	5,239,900	571,971	55,066	4,846	-	-	-
1937.....	5,264	1,858	110,479	195,021	4,096,600	1,147,274	88,955,300	13,062,330	4,131,100	504,270	24,841,400	1,835,838	4,309,800	834,023	3,302	463	-	-	-
1938.....	2,470	880	7,354	16,741	3,893,400	871,547	80,988,100	11,874,223	2,674,800	262,042	27,022,700	2,199,179	5,379,700	995,171	50	6	-	-	-

¹ Previous to 1926 included with milk, condensed—Antérieurement à 1926 figurant avec lait condensé.² Previous to 1922 included with milk, condensed—Antérieurement à 1922 figurant avec lait condensé.³ Nine months—Neuf mois.

**XVII. Imports into Canada for consumption of Dairy Products by Principal Countries,
1934-1938**

**XVII. Importations au Canada pour consommation des produits laitiers par principaux
pays de provenance, 1934-1938**

(Compiled by the External Trade Branch—Complété par la section du commerce Extérieur)

Imported from Importé de		Year ended December 31				
		Années terminées le 31 décembre				
		1934	1935	1936	1937	1938
MILK AND CREAM, FRESH—LAIT ET CRÈME, FRAIS						
United States.....	gal. \$	6,344 4,804	3,054 1,839	3,923 3,130	4,994 2,605	8,269 3,340
Other countries.....	gal. \$	- -	- -	23 21	452 521	77 187
Total	gal. \$	6,344 4,804	3,054 1,839	3,946 3,151	5,446 3,126	8,346 3,527
BUTTER—BEURRE						
United Kingdom.....	lb. \$	2,238,448 340,177	24,496 3,933	15,680 3,222	53,548 11,584	951,260 238,337
Australia.....	lb. \$	- -	- -	- -	- -	1,400,000 372,650
New Zealand.....	lb. \$	627,108 92,393	45,696 10,067	44,520 9,950	1,456 378	2,871,373 798,117
United States.....	lb. \$	7,888 1,974	75,535 20,935	- -	10,306 3,556	8,688 2,624
Other countries.....	lb. \$	118 54	2,814 839	637 296	608 206	517 230
Total	lb. \$	2,873,562 431,598	148,541 35,774	117,281 36,738	65,918 15,724	5,231,838 1,411,958
CHEESE—FROMAGE						
United Kingdom.....	lb. \$	51,546 16,925	45,162 14,450	58,213 17,665	49,205 16,554	42,683 15,014
New Zealand.....	lb. \$	25,320 2,377	200,413 18,951	133,978 15,976	157,388 18,080	117,330 15,429
Belgium.....	lb. \$	474 76	108 10	- -	4,608 1,114	42,717 10,384
Denmark.....	lb. \$	22,367 3,631	27,033 5,584	106,521 21,350	167,207 30,183	126,784 22,187
Finland.....	lb. \$	11,641 2,493	34,212 7,217	24,743 4,936	21,862 4,256	34,678 6,623
France.....	lb. \$	203,468 71,062	217,537 72,597	215,428 79,446	189,425 60,471	152,063 36,514
Italy.....	lb. \$	246,644 60,129	316,187 80,347	185,373 43,689	326,525 76,750	365,544 87,629
Netherlands.....	lb. \$	54,126 8,226	58,467 7,499	86,764 11,188	83,306 11,196	77,326 10,666
Norway.....	lb. \$	19,402 3,758	24,171 4,545	34,524 5,952	41,302 7,626	25,147 4,266
Switzerland.....	lb. \$	178,819 55,503	174,975 55,379	190,458 57,624	266,632 72,924	284,055 73,014
United States.....	lb. \$	122,042 37,663	166,679 56,678	174,620 54,800	88,019 28,388	90,212 25,154
Other countries.....	lb. \$	10,552 2,815	9,186 1,438	29,260 5,208	14,767 2,023	27,206 4,755
Total	lb. \$	946,401 264,658	1,274,130 324,695	1,239,882 317,331	1,410,336 327,565	1,386,645 311,635

DAIRY FACTORIES

XVII. Imports into Canada for consumption of Dairy Products by Principal Countries,
1934-1938—concluded

XVII. Importations au Canada pour consommation des produits laitiers par principaux
pays de provenance, 1934-1938—fin

Imported from Importé de	Year ended December 31 Années terminées le 31 décembre									
	1934		1935		1936					
	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$
MILK CONDENSED—LAIT CONDENSÉ										
United Kingdom.....	lb.	6,730		10,248		11,090		21,156		5,384
Royaume-Uni.....	\$	605		937		1,017		1,822		491
Netherlands.....	lb.	—		46		247		—		—
Pays-Bas.....	\$	—		2		33		—		—
United States.....	lb.	14,864		14,112		10,649		14,064		3,199
Etats-Unis.....	\$	1,524		1,191		901		1,344		429
Other countries.....	lb.	72		240		960		1,048		546
Autres pays.....	\$	17		59		150		100		74
Total.....	lb.	21,666		24,646		22,946		36,268		9,129
	\$	2,146		2,189		2,101		3,266		994
MILK POWDERED—LAIT EN POUDRE										
United Kingdom.....	lb.	3,775		2,536		131,836		5,045		2,013
Royaume-Uni.....	\$	396		762		6,115		1,598		626
United States.....	lb.	133,538		26,155		101,913		932,603		643,780
Etats-Unis.....	\$	16,398		9,246		11,936		59,702		35,948
Other countries.....	lb.	40		7,854		33,386		12,996		56,648
Autres pays.....	\$	30		397		2,196		1,077		3,317
Total.....	lb.	137,353		36,515		267,135		950,734		702,441
	\$	16,794		10,405		20,247		62,377		39,891
CASEIN—CASÉINE										
United Kingdom.....	lb.	8,992		10,320		9,007		6,241		6,409
Royaume-Uni.....	\$	1,025		1,105		1,004		985		930
Australia.....	lb.	—		1,120		—		1,120		896
Australie.....	\$	—		88		—		122		72
New Zealand.....	lb.	12,096		87,739		116,936		349,618		171,366
Nouvelle-Zélande.....	\$	1,255		6,984		10,290		42,609		15,560
Argentina.....	lb.	17,725		132		—		4,366		2,249
Argentine.....	\$	1,772		7		—		699		225
France.....	lb.	—		—		—		17,768		30,778
	\$	—		—		—		2,044		1,931
Germany.....	lb.	—		—		2,425		—		—
Allemagne.....	\$	—		—		503		—		—
United States.....	lb.	16,956		11,858		11,429		22,789		15,699
Etats-Unis.....	\$	2,131		1,540		1,731		3,581		1,585
Total.....	lb.	55,769		111,169		139,797		401,902		227,397
	\$	6,183		9,724		13,528		50,040		20,303
Total Value of Imports of Dairy Products—Valeur totale des importations de produits laitiers.....	\$	729,183		384,626		387,699		462,098		1,788,308

XVIII. Historical Table showing Canada's Imports of Butter in the fiscal years, 1868 to 1938

XVIII. Relevé historique des importations de beurre du Canada en les exercices 1868 à 1938

Year ended Exercices terminés	Total Imports Importations totales		Imports from Importations de											
			United Kingdom Royaume-Uni		United States Etats-Unis		Australia Australie		New Zealand Nouvelle-Zélande		Other Countries Autres pays			
	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur
	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$
June 30 juin—														
1868	16,932	2,719	1,167	257	15,437	2,427	—	—	—	—	328	35		
1869	2,013	318	160	64	762	142	—	—	—	—	1,091	112		
1870	2,092	388	—	—	2,092	388	—	—	—	—	—	—		
1871	5,926	1,203	600	146	5,326	1,057	—	—	—	—	—	—		
1872	3,887	716	—	—	3,887	716	—	—	—	—	—	—		
1873	54,914	16,055	140	28	54,774	16,027	—	—	—	—	—	—		
1874	176,625	39,441	7,155	1,536	169,470	37,905	—	—	—	—	—	—		
1875	195,082	44,074	3,823	910	181,259	43,164	—	—	—	—	—	—		
1876	140,928	36,531	1,943	424	138,985	36,107	—	—	—	—	—	—		
1877	85,642	26,181	—	—	85,642	26,181	—	—	—	—	—	—		
1878	111,557	23,773	11,066	1,490	100,451	22,277	—	—	—	—	40	6		
1879	96,490	21,066	851	208	95,639	20,858	—	—	—	—	20	3		
1880	126,848	27,432	2,310	450	124,518	26,979	—	—	—	—	—	—		
1881	144,399	37,914	2,050	524	142,349	37,390	—	—	—	—	—	—		
1882	112,900	30,001	1,353	356	111,547	29,645	—	—	—	—	—	—		
1883	405,507	86,734	2,079	578	403,428	86,156	—	—	—	—	—	—		
1884	281,728	67,819	1,976	514	279,752	67,303	—	—	—	—	66	17		
1885	344,431	74,123	2,672	731	341,693	73,375	—	—	—	—	—	—		
1886	325,201	65,274	1,611	444	323,590	64,830	—	—	—	—	—	—		
1887	246,272	51,733	—	—	246,272	51,733	—	—	—	—	280	23		
1888	148,534	38,536	2,914	797	145,340	37,716	—	—	—	—	—	—		
1889	494,082	77,659	1,600	431	492,482	77,228	—	—	—	—	152	46		
1890	381,329	62,212	4,287	1,139	376,890	61,027	—	—	—	—	3,160	403		
1891	324,681	75,923	2,859	744	318,592	74,759	70	17	—	—	—	—		
1892	246,756	50,473	1,887	460	244,869	50,013	—	—	—	—	200	26		
1893	224,584	46,637	1,123	280	223,061	46,331	—	—	—	—	—	—		
1894	702,711	131,689	1,181	291	642,632	120,977	58,898	10,421	—	—	—	—		
1895	274,666	44,592	2,387	477	231,988	37,657	40,291	6,458	—	—	162	21		
1896	365,128	61,573	4,051	758	360,223	60,182	3,692	612	—	—	4,296	706		
1897	289,435	49,101	2,947	545	275,215	46,541	6,977	1,309	—	—	—	—		
1898	373,505	73,960	8,001	1,315	306,961	61,180	55,462	11,292	1,081	173	—	—		
1899	572,986	135,084	6,834	1,036	559,257	132,775	6,720	1,255	—	—	175	18		
1900	1,175,301	290,220	45,364	9,288	1,094,565	275,184	35,000	5,692	—	—	312	56		
1901	1,146,639	285,530	14,000	3,812	1,109,623	277,437	23,016	4,281	—	—	—	—		
1902	658,996	162,533	2,748	635	648,993	160,459	7,120	1,411	—	—	134	28		
1903	539,711	145,221	2,042	473	505,113	137,654	32,256	7,049	—	—	300	45		
1904	480,501	119,749	996	253	416,601	108,057	53,540	9,321	9,264	2,118	—	—		
1905	413,359	94,884	71,834	15,282	230,763	58,555	62,934	12,338	47,432	8,634	406	75		
1906	143,451	34,944	22,512	5,120	103,923	25,810	1,176	239	15,512	3,702	328	73		

XVIII. Historical Table Showing Canada's Imports of Butter in the fiscal years, 1868 to 1938—Concluded

XVIII. Relevé historique des importations de beurre du Canada en les exercices 1868 à 1938—fin

Year ended Exercices terminés	Total Imports Importations totales		Importations from Importations de									
	United Kingdom Royaume-Uni		United States Etats-Unis		Australia Australie		New Zealand Nouvelle-Zélande		Other Countries Autres pays			
	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur	Quantity Quantité	Value Valeur
	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$
March 31 mars—												
1907 ¹ .	276,130	69,216	35,949	8,675	34,657	9,239	174,591	43,764	30,912	7,537	.21	1
1908.	738,200	169,063	230,182	39,241	294,647	74,674	212,153	54,905	—	1,218	243	
1909.	929,684	224,265	37,315	9,508	473,805	112,219	399,236	98,361	16,128	3,741	3,200	436
1910.	393,582	92,934	6,161	1,514	61,081	16,163	299,440	69,358	21,840	4,871	5,060	1,028
1911.	1,227,390	296,303	29,252	6,945	293,937	78,232	438,870	99,375	464,951	111,434	380	114
1912.	3,874,557	1,016,418	700,900	201,219	929,318	223,841	101,640	21,642	2,139,944	569,171	2,785	545
1913.	7,989,269	2,081,989	767,131	200,389	1,100,431	311,622	98,112	25,260	6,018,022	1,544,149	6,573	1,189
1914.	7,317,259	1,823,994	91,900	24,322	262,840	73,419	227,602	56,576	6,732,155	1,668,681	2,762	696
1915.	6,822,540	1,678,056	66,259	16,949	1,534,332	375,394	226,856	53,952	4,993,508	1,231,358	1,585	403
1916.	4,309,831	1,092,800	64,456	20,087	3,072,050	745,860	560	165	1,172,725	326,677	40	11
1917.	997,335	278,834	2,864	1,082	846,689	230,232	—	—	147,504	47,497	278	23
1918.	434,049	136,289	—	—	337,813	101,540	65,076	23,010	31,080	11,695	80	24
1919.	1,939,062	715,671	—	—	203,372	62,462	76,888	26,726	1,643,040	624,955	15,762	1,528
1920.	397,955	176,994	—	—	188,271	96,098	59,080	21,369	149,240	59,000	1,364	527
1921.	3,741,624	1,805,709	112	49	2,207,077	856,555	—	—	1,533,250	918,589	1,159	516
1922.	6,078,882	1,883,013	2,149,704	621,779	1,363,021	458,306	297,132	88,572	2,268,760	714,235	265	121
1923.	3,787,573	1,349,819	280,982	109,613	1,523,381	578,775	13,758	4,043	1,893,312	634,651	56,140	22,737
1924.	1,558,102	613,041	94,228	42,062	165,801	57,564	—	—	1,296,707	512,888	1,366	527
1925.	198,341	74,289	11,245	3,998	23,853	10,567	—	—	162,848	59,579	395	145
1926.	7,029,084	2,649,108	2,062,583	759,162	73,930	29,118	2,485,502	910,814	2,342,906	928,395	63,793	21,619
1927.	7,190,267	2,548,556	1,418,444	504,679	59,057	24,945	801,324	289,098	4,904,536	1,728,020	6,906	2,114
1928.	15,626,007	5,532,910	1,325,190	457,509	104,079	43,003	571,872	214,780	13,623,917	4,817,070	949	248
1929.	25,609,915	9,028,528	610,570	228,512	46,681	21,474	221,760	93,268	24,730,851	8,685,237	53	17
1930.	41,919,372	14,471,688	1,128,672	413,369	176,905	76,814	856,912	357,893	30,744,816	13,620,125	12,067	3,487
1931.	16,500,501	4,786,521	291,380	75,553	26,156	10,658	2,387,840	750,031	13,794,880	3,950,101	545	178
1932.	879,670	268,336	546	134	19,380	6,393	776,892	241,241	72,984	17,404	9,868	3,164
1933.	876,894	138,637	39,952	7,425	7,799	1,893	22,196	4,299	806,947	125,020	—	—
1934.	2,602,744	413,949	1,858,304	279,701	6,764	1,709	—	—	737,601	132,514	75	25
1935.	2,873,562	434,598	2,238,448	340,177	7,888	1,974	—	—	627,108	92,393	118	54
1936.	148,541	35,774	24,496	3,933	75,535	20,935	—	—	45,696	10,067	2,814	839
1937.	112,745	29,368	49,112	10,082	57,048	17,409	—	—	5,824	1,519	761	358
1938.	4,914,890	1,323,543	901,276	225,467	10,723	3,705	1,316,000	350,024	2,686,407	744,203	484	144
1939.	347,155	96,454	70,100	17,594	7,572	2,090	84,000	22,626	184,966	53,914	517	230

¹ Nine months.—Neuf mois.

XIX. Butter and Cheese Production in Various Countries
XIX. Production de beurre et de fromage en différents pays

Country — Pays	(a)	Year — Année	Butter — Beurre	Cheese — Fromage
			lb.	lb.
Argentina—Argentine.....	F.	1938	65,811,719	94,041,622
Australia—Australie.....	F.	1938	409,149,216	55,631,184
Belgium—Belgique.....	T.	1937	143,808,000	—
Brazil—Brésil.....	F.	1936	55,104,000	—
Canada.....	F.	1938	267,347,271	123,971,308
Czechoslovakia—Tchécoslovaquie.....	F.	1936	30,480,590	62,626,072
Denmark—Danemark.....	F.	1938	417,551,240	78,704,220
Estonia—Estonie.....	F.	1937	35,056,000	—
Finland—Finlande.....	F.	1937	65,500,871	21,016,451
France.....	F.	1937	189,600,009	365,324,266
Germany—Allemagne.....	F.	1937	926,848,011	318,056,700
Ireland (Eire)—Irlande (Eire).....	F.	1938	86,828,448	4,436,880
Italy—Italie.....	F.	1937	85,156,940	372,504,785
Japan—Japon.....	F.	1936	5,406,098	394,083
Latvia—Lettonie.....	F.	1938	57,284,326	—
Netherlands—Pays-Bas.....	T.	1938	222,638,145	275,389,814
New Zealand—Nouvelle-Zélande.....	F.	1938	364,920,080	198,167,312
Norway—Norvège.....	F.	1938	31,733,012	32,101,181
Russian Soviet Union—Russie.....	F.	1936	410,055,600	61,728,880
Sweden—Suède.....	F.	1937	158,073,706	77,800,334
Switzerland—Suisse.....	F.	1938	67,240,300	115,961,000
United Kingdom—Royaume-Uni.....	F.	1938	45,270,400	67,300,800
United States—Etats-Unis.....	F.	1938	1,786,000,000	502,095,000
Union of South Africa—Union Sud-Africaine.....	F.	1937	28,350,000	10,250,000

(n) The letter "T" denotes total production, while the letter "F" denotes factory production only.

(n) La lettre "T" marque la production totale, tandis que la lettre "F" indique de fabrique seulement.

XX. Trade in Dairy Products of Principal Importing and Exporting Countries
XX. Commerce des produits laitiers des principaux pays importateurs et exportateurs

Country — Pays	Year — Année	Quantity — Quantité	lb.
IMPORTS OF BUTTER—IMPORTATIONS DE BEURRE			
Belgium—Belgique.....	1938	2,540,140	
Canada.....	1938	5,231,838	
China—Chine.....	1938	531,573	
France.....	1938	1,341,499	
Germany—Allemagne.....	1938	203,463,636	
India—Inde.....	1938	948,528	
Java and Madore—Java et Madère.....	1938	7,064,169	
Tunis—Tunisie.....	1938	3,827,847	
United Kingdom—Royaume-Uni.....	1938	1,064,953,232	
United States—Etats-Unis.....	1938	1,623,666	
EXPORTS OF BUTTER—EXPORTATIONS DE BEURRE			
Argentina—Argentine.....	1938	16,172,945	
Australia—Australie.....	1938	197,042,400	
Austria—Autriche.....	1938	1,721,793	
Canada.....	1938	3,893,400	
Denmark—Danemark.....	1938	347,182,613	
Estonia—Estonie.....	1938	32,477,504	
Finland—Finlande.....	1938	37,748,541	
France.....	1938	6,442,282	
Ireland (Eire)—Irlande (Eire).....	1938	42,278,544	
Latvia—Lettonie.....	1938	51,713,302	
Lithuania—Lithuanie.....	1938	38,388,038	
Netherland—Pays-Bas.....	1938	112,138,527	
New Zealand—Nouvelle-Zélande.....	1938	292,829,488	
Poland—Pologne.....	1938	29,084,847	
Sweden—Suède.....	1938	62,952,573	
Union of South Africa—Union Sud-Africaine.....	1938	3,528,452	

XX. Trade in Dairy Products of Principal Importing and Exporting Countries—Conc.
XX. Commerce des produits laitiers des principaux pays importateurs et exportateurs
 —fin

Country — Pays	Year — Année	Quantity — Quantité
		lb.
IMPORTS OF CHEESE—IMPORTATIONS DE FROMAGE		
Algeria—Algérie.....	1938	10,883,669
Austria—Autriche.....	1938	1,729,950
Belgium—Belgique.....	1938	53,338,974
Canada.....	1938	1,386,645
Egypt—Egypte.....	1938	7,477,884
France.....	1938	31,304,218
Germany—Allemagne.....	1938	71,673,310
India—Inde.....	1938	1,164,688
Italy—Italie.....	1938	10,223,833
Java and Madore—Java et Madère.....	1938	2,036,193
Sweden—Suède.....	1938	2,096,744
Syria and Lebanon—Syrie et Liban.....	1938	609,737
Tunis—Tunisie.....	1938	2,703,501
United Kingdom—Royaume-Uni.....	1938	327,948,768
United States—Etats-Unis.....	1938	54,431,870
EXPORTS OF CHEESE—EXPORTATIONS DE FROMAGE		
Australia—Australie.....	1938	27,264,127
Austria—Autriche.....	1938	3,216,291
Bulgaria—Bulgarie.....	1938	3,660,156
Canada.....	1938	80,989,100
Denmark—Danemark.....	1938	20,061,860
Finland—Finlundo.....	1938	14,928,354
France.....	1938	26,508,110
Italy—Italie.....	1938	54,087,656
Netherlands—Pays-Bas.....	1938	128,919,503
New Zealand—Nouvelle-Zélande.....	1938	180,378,576
Norway—Norvège.....	1938	3,642,414
Switzerland—Suisse.....	1938	47,912,748
Union of South Africa—Union Sud-Africaine.....	1938	2,710,438
Yugo-Slavia—Yugoslavie.....	1938	3,385,752

CANADA-MINISTÈRE DU COMMERCE
BUREAU FÉDÉRAL DE LA STATISTIQUE
BRANCHE DE LA STATISTIQUE DES PÊCHERIES,
DES FOURRURES ET DE L'INDUSTRIE LAITIÈRE

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Chef, Branche de la Statistique des Pêcheries, des Fourrures et de l'Industrie Laitière: F. A. BROWN

STATISTIQUE
DE
L'INDUSTRIE LAITIÈRE
1938

(Préparée en collaboration avec les Ministères fédéral et provinciaux)

Publiée par ordre de l'hon. W. D. Euler M.P.,
Ministre du Commerce



OTTAWA
J.-O. PATENAUME O.S.I.
IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI
1940

TABLE DES MATIÈRES

	PAGE
L'industrie laitière du Canada.....	88
Introduction—	
Production et valeur du beurre de crème et du fromage de fabrique, 91; graphique de la production et valeur du beurre de crème et du fromage de fabrique, 95; produits concentrés du lait, 94; produits divers, 96; valeur totale de la production, 97; établissements et patrons, 97; livraisons de lait et crème, 99; sommes payées aux patrons, 101; capitaux engagés, 102; personnel et gages, 102; modes d'organisation des fabriques laitières, 103; classification des beurries et des fromageries suivant le volume de production, 103; importations et exportations, 104; équivalence approximative en poids du lait et de la crème, 105.	

Tableaux préliminaires

1. Production et valeur du beurre de crème, 1936, 1937 et 1938	92
2. Production et valeur du fromage de fabrique, 1936, 1937 et 1938	93
3. Prix moyen la livre du beurre de crème et du fromage de fabrique, 1936, 1937 et 1938	93
4. Production, valeur et prix moyen la livre du beurre de crème et du fromage de fabrique, 1900, 1907, 1910 et 1915 à 1938	94
5. Produits concentrés du lait, 1936, 1937 et 1938	94
6. Prix moyen la livre des produits concentrés du lait, 1933 à 1938	96
7. Produits divers des fabriques laitières, 1936, 1937 et 1938	97
8. Etablissements et patrons, 1936, 1937 et 1938	98
9. Livraisons de lait et crème aux fabriques laitières, 1936, 1937 et 1938	100
10. Sommes payées aux patrons, 1936, 1937 et 1938	101
11. Capitaux engagés dans l'industrie laitière, 1936, 1937 et 1938	102
12. Personnel, salaires et gages, 1936, 1937 et 1938	103
13. Statistiques principales de l'industrie laitière, 1917 à 1938	104

Tableaux d'ensemble

I. Résumé de la statistique de l'industrie laitière, 1938	24
(1) Beurries et fromageries, 24; (2) Condenseries, 30.	
II. Capitaux engagés dans l'industrie laitière, 1938	32
(1) Beurries et fromageries, 32; (2) Condenseries, 35.	
III. Main-d'œuvre, appontements et salaires de l'industrie laitière, 1938	36
(1) Beurries et fromageries, 36; (2) Condenseries, 42.	
IV. Matières premières employées et produits fabriqués, 1938	44
(1) Beurries et fromageries, 44; (2) Condenseries, 50.	
V. Détails statistiques concernant l'industrie laitière, 1938	52
(1) Beurries et fromageries, 52; (2) Condenseries, 58.	
VI. Muchinerie de l'industrie laitière, par province, 1938	60
VII. Consommation de combustible par l'industrie laitière, par province, 1938	62
VIII. Tous produits laitiers, 1938	64
IX. Classification des fabriques laitières d'après la durée des opérations, 1938	65
X. Classification des fabriques selon leur mode d'organisation, 1938	65
XI. Classification des beurries et fromageries selon le volume de leur production, 1938	66
XII. Nombre de fabriques laitières classifiées par produit, 1938	67
XIII. Statistiques des fabriques de crème glacée, 1938	71
XIV. Statistiques des fabriques de fromage composé, 1938	72
XV. Exportations de produits laitiers du Canada, par principal pays de destination, 1934-1938	73
XVI. Total des exportations de produits laitiers du Canada, par quantités et valeur, 1901-1938	78
XVII. Importations au Canada pour consommation des produits laitiers, par principal pays de provenance, 1934-1938	79
XVIII. Relevé historique des importations canadiennes de beurre, années fiscales 1868-1939	81
XIX. Production de beurre et de fromage en différents pays	83
XX. Commerce du beurre et du fromage des principaux pays importateurs et exportateurs	83

PRÉFACE

Les statistiques annuelles de l'industrie laitière sont publiées par le Bureau Fédéral de la Statistique de concert avec les Ministères provinciaux de l'Agriculture. Toutes les provinces collaborent à ce travail, mais leurs méthodes diffèrent. Le Bureau Fédéral rédige et fait imprimer une formule uniforme destinée aux provinces; dans les Provinces Maritimes, les Provinces des Prairies et la Colombie Britannique, c'est à l'administration provinciale qu'échoit la tâche de distribuer les formules, de recueillir les rapports et de les reviser pour les communiquer ensuite au Bureau qui en fait la compilation; les statistiques ainsi obtenues servent également aux ministères fédéral et provinciaux. En Ontario, le Bureau Fédéral distribue les formules, recueille et compile les rapports tandis que le Ministère provincial de l'Agriculture fournit la liste des établissements et prête son concours pour l'obtention des renseignements en souffrance. Le Bureau des Statistiques du Québec compile les rapports reçus, transmet les résultats de sa compilation au Bureau Fédéral et, au besoin, met à la disposition de ce dernier la documentation originale reçue des divers établissements laitiers.

Cette manière de procéder, tout en assurant l'uniformité des statistiques de l'industrie laitière publiées par les gouvernements du Dominion et des provinces, épargne aux fabricants les ennuis d'une double enquête.

De plus, les techniciens de la Division des Produits Laitiers (Ministère fédéral de l'Agriculture) nous font bénéficier de leurs lumières.

R. H. COATS,
Statisticien du Dominion.

BUREAU FÉDÉRAL DE LA STATISTIQUE,
OTTAWA, le 4 janvier, 1940.

L'INDUSTRIE LAITIÈRE DU CANADA

L'industrie laitière est une des plus anciennes et des plus importantes du Canada. L'introduction des bovins dans notre pays remonte aux environs de 1608, quand Champlain importa quelques têtes de bétail dans sa colonie de Québec. Des bêtes à cornes furent aussi implantées en Acadie en 1632 et un recensement pris en 1671 en porte alors le nombre à 866. Les premiers colons français, déjà versés dans l'art de fabriquer le beurre et le fromage, furent bientôt en mesure de satisfaire aux besoins domestiques. Les Loyalistes de l'Empire-Uni, arrivés en 1783-4-5, étendirent la fabrication du beurre et du fromage au Haut-Canada, et l'industrie laitière fit désormais partie intégrante de la vie commerciale du pays. D'anciens registres nous apprennent qu'un excédent de beurre disponible à Kingston, Ont., en 1801, fut en partie écoulé aux Etats-Unis. Cependant, l'industrie laitière n'entra vraiment dans l'ère de développement et d'expansion qui devait lui donner tout son relief parmi les autres industries canadiennes qu'en 1864, avec l'avènement des fabriques. Un peu plus tard, l'invention de l'écrêmeuse centrifuge révolutionna le travail des fabriques et, grâce au progrès des méthodes d'entreposage frigorifique, contribua à mettre l'industrie laitière sur un pied d'efficacité moderne.

La première fromagerie canadienne fut établie en Ontario en 1864, et la première crèmeuse fabricante de beurre fut fondée dans le Québec en 1873. La première écrêmeuse centrifuge fut importée du Danemark en 1882, et l'Etat organisa en 1895 les services d'entreposage frigorifique. En 1868, le Canada exporta 6,141,570 livres de fromage et 10,649,733 livres de beurre. L'exportation du fromage prit dans la suite beaucoup d'ampleur, mais celle du beurre ne fit que des progrès modestes. Les exportations de fromage atteignent, en 1904, un maximum de 233,980,716 livres et celles de beurre se chiffrent à 34,128,944 livres en 1903. Depuis, l'exportation de ces produits a diminué. Les statistiques du commerce établissent que les exportations de fromage et de beurre, au cours des douze mois terminés le 31 décembre 1938, sont respectivement de 80,989,100 livres et 3,893,400 livres.

Ce déclin s'explique par l'accroissement de la consommation domestique qui, depuis le commencement du siècle, a accompagné l'expansion progressive de la population urbaine. Ce phénomène eut pour effet de stimuler la demande de lait frais en substituant la fabrication du beurre de consommation domestique à celle du 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. La première condenserie fut établie à Truro, N.-E., en 1883, et ces établissements, maintenant au nombre de vingt-quatre au Canada, ont mis sur le marché, en 1938, des produits d'une valeur de \$13,190,013.

ASSISTANCE DU GOUVERNEMENT.—Le Gouvernement fédéral, par l'entremise des ministères de l'Agriculture et du Commerce, contribue de toutes façons à promouvoir les intérêts de l'industrie laitière. La Division des Produits Laitiers accomplit ce travail pour le ministère fédéral de l'Agriculture. Ses principales attributions, qui consistent avant tout à aider le fermier, se partagent comme suit: **SERVICE DES MARCHÉS.**—Un rapport hebdomadaire analyse la situation des marchés de Montréal, Toronto et New-York; là sont consignées toutes les transactions des 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.

CLASSIFICATION.—*Comme le beurre et le fromage de fabrique ne peuvent être exportés sans classification 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 inclusivement, et sur certaines voies convergeant vers Toronto, Montréal, Québec ou Halifax, les expéditions d'œufs 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 cargaison 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 et Manchester, dans le Royaume-Uni.*

SURVEILLANCE DES CONDENSERIES.—*Un fonctionnaire fait périodiquement la tournée de toutes les fabriques de lait condensé, évaporé ou desséché, aidant ces différentes entreprises de ses avis techniques; il examine également les produits manufacturés pour se rendre compte qu'ils sont conformes aux étalons de composition et de poids.*

RECHERCHES.—*L'étude des défauts des produits laitiers entraîne l'application de correctifs appropriés.*

SERVICE D'UTILISATION DU LAIT.—*Un personnel d'experts en diététique fait des démonstrations et donne des conférences sur la valeur du lait et de ses produits dans l'alimentation.*

SUBSIDES AUX ENTREPÔTS FRIGORIFIQUES.—*Le Gouvernement peut, sous l'empire de la loi des entrepôts frigorifiques, subventionner par contrat des individus ou des firmes pour la construction d'entrepôts frigorifiques publics.**

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

Les renseignements sur la production de lait des fermes canadiennes ont été réunis pour la première fois lors du recensement de 1911 (l'analyse portant sur la production de 1910), alors que la production de 1900 était estimée à 6,866,834,000 livres. En 1910 (chiffres du recensement), la production de lait s'élevait à 9,806,-741,348 livres, à 10,976,235,351 livres en 1920 (chiffres du recensement), et à 12,854,323,094 livres en 1930 (chiffres du recensement) soit une augmentation de 87 p.c. depuis le tournant du siècle. La production de lait au Canada en 1938 est estimée à 15,770,235,900 livres.†

* L'état précédent concernant l'assistance gouvernementale a été fourni par la Division des Produits Laitiers du Ministère fédéral de l'Agriculture.

† 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 recensements.

Les statistiques de ce rapport embrassent uniquement la production des fabriques laitières et ne tiennent aucun compte du beurre et du fromage dits de ferme. Le recensement de 1931 estime à 99,903,903 livres la production de beurre de ferme en 1930 et à 812,998 livres celle de fromage de ferme, ces quantités représentant respectivement 35 et 0·7 p.c. de la production globale.†

C'est en 1900, alors que la valeur des produits s'élevait à \$29,731,922, que des statistiques complètes de l'industrie laitière furent publiées. En 1938 la valeur de production était de \$140,849,356, soit plus de quatre fois celle du début du siècle.

En 1938, la consommation de beurre per capita au Canada est estimée à 31·83 livres et celle de fromage, à 3·62 livres.

Il est à propos de mentionner ici une espèce de fromage spécialement préparé qui est beaucoup consommé au Canada. Ce produit s'appelle fromage "composé" et est fabriqué avec du cheddar ordinaire. Le procédé secret consiste essentiellement à broyer le fromage, à le réchauffer au bain-marie en l'agitant pour le verser ensuite dans un moule, soit directement, soit à l'aide d'un dispositif spécial. La chaleur qui l'a pasteurisé en a en même temps interrompu la fermentation. Le secret consiste à soumettre le fromage au degré de chaleur voulu 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. Le produit diffère en fermeté, variant du tendre fromage au fromage tout à fait solide qui peut être tranché. En 1938 la production de fromage composé s'élève à 14,189,496 livres, augmentation de 1,539,500 livres sur l'année précédente. La production de 1938 est la plus considérable depuis 1930, année où elle s'établit à 14,500,000 livres. Les statistiques sur l'industrie du fromage composé pour l'année 1938 sont données à la page 72 du présent rapport.

† Les estimations de la production de lait sur les fermes canadiennes et de la production de beurre et de fromage de ferme sont faites, pour les années entre recensements, par la branche de l'Agriculture du Bureau Fédéral de la Statistique.

**RAPPORT
SUR LES
FABRIQUES LAITIÈRES AU CANADA, 1938**

Introduction

L'expression «fabrique laitière» désigne toute fabrique produisant du beurre, du fromage ou du lait concentré (condensé et évaporé, en poudre, etc.). Les tableaux d'ensemble de ce rapport rangent sous la rubrique «Beurreries et fromageries» les beurreries, les fromageries et les beurreries-fromageries, et les statistiques sont établies par comté et district. Les tableaux préliminaires, résumé des principales données par province, présentent séparément les détails de chaque catégorie de même que le total des trois. Les statistiques des établissements de lait concentré sont données séparément dans les tableaux d'ensemble et les tableaux préliminaires. Le volume contient aussi des statistiques relatives à la production de crème glacée dont les établissements font l'objet d'une classification distincte quand c'est là leur principal produit.

Beurre de crémerie et fromage de fabrique

Beurre de crémerie.—Le Canada est l'un des grands producteurs de beurre au monde. Au point de vue de la production annuelle de beurre de crémerie, le Dominion occupe la septième place parmi tous les pays et la troisième place parmi les pays de l'Empire Britannique¹. La consommation domestique absorbe presque toute la production canadienne et les exportations, en conséquence, sont devenues négligeables. En 1938 les fabriques canadiennes produisent 267,347,271 livres de beurre de crémerie. C'est une nouvelle cime pour l'industrie; elle dépasse la cime antérieure de 1936 par 16,415,494 livres ou 7 p.c. L'Ontario et le Québec sont les principaux producteurs: la production de la première province en 1938 représente 32·8 p.c. de la production canadienne totale et celle de la seconde, 29·83 p.c. Les autres provinces contribuent dans les proportions suivantes à la production totale: Alberta, 11·7 p.c.; Manitoba, 9·6 p.c.; Saskatchewan, 8·8 p.c.; Nouvelle-Ecosse, 2·5 p.c.; Colombie Britannique, 2·1 p.c.; Nouveau-Brunswick, 1·7 p.c.; Ille du Prince-Edouard, 1·0 p.c. La valeur^{*} totale de la production, qui se place à \$66,534,568, établit également un record à date; mais le prix moyen la livre tombe de 25·99 cents en 1937 à 24·89 cents l'année sous revue. Les premiers mois de l'année 1938 les prix surpassent ceux des mois correspondants de 1937, mais il se produit un changement défini en juillet et les prix des mois suivants sont inférieurs aux moyennes de 1937.

Fromage de fabrique.—Après avoir augmenté pendant trois années consécutives, la production de fromage des fabriques canadiennes en 1938 montre une diminution de 6,654,530 livres ou de 5 p.c. sur l'année précédente. En 1938 la production totale est de 123,971,308 livres. La production diminue beaucoup dans l'Ontario, le Québec et les Provinces Maritimes; mais elle augmente considérablement dans les Provinces des Prairies et la Colombie Britannique. La fabrication du fromage se confirme principalement à l'Ontario, dont la production représente 70·7 p.c. du total du Canada. La production du Québec représente 23·0 p.c.; celles des Provinces des Prairies ensemble, 5·0 p.c.; celle de l'Ille du Prince-Edouard et du Nouveau-Brunswick, 0·8 p.c.; celle de la Colombie Britannique, 0·5 p.c. La Nouvelle-Ecosse ne produit pas de fromage de fabrique. Le prix moyen la livre à la fabrique a très peu varié ces trois dernières années: en 1936 la moyenne était de 13·07 cents; en 1937,

¹ Tableau XIX—Production de beurre et de fromage en différents pays.

13·75 cents; et en 1938, 13·56 cents. Durant la saison de 1938 la courbe des prix de gros a suivi de près celle de 1937 jusqu'au début de novembre, alors qu'elle a baissé brusquement pour terminer l'année à un point inférieur de quelque 3 cents au prix de la même date de 1937. La production canadienne a établi un record en 1900; mais le plus fort prix moyen la livre à la fabrique a été atteint en 1919, alors qu'il a grimpé à 26·79 cents ou à près du double du prix actuel.

Les tableaux 1 à 4 qui suivent, donnent la quantité, la valeur et le prix moyen la livre du beurre et du fromage de fabrique, par province, de 1936 à 1938, ainsi que la production, la valeur et le prix moyen la livre pour tout le Canada, de 1900 à 1938. Le tableau 4 est illustré par le graphique à la page 95.

1. Production de beurre de crème, quantité et valeur, en 1936, 1937 et 1938

DANS LES BEURRERIES

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Île du Prince-Édouard.....	2,068,065	503,987	2,131,508	571,970	2,557,447	656,774
Nouvelle-Ecosse.....	5,754,887	1,454,663	5,874,068	1,677,460	6,716,643	1,864,848
Nouveau-Brunswick.....	3,502,529	851,088	3,623,787	952,143	4,481,458	1,151,471
Québec.....	62,879,285	14,529,540	66,487,367	17,302,378	74,276,867	18,220,923
Ontario.....	80,846,129	19,319,565	74,992,170	20,319,786	80,389,504	21,155,167
Manitoba.....	22,772,693	4,821,993	24,104,023	5,889,224	25,533,493	6,122,096
Saskatchewan.....	23,000,437	4,861,134	23,571,938	5,685,510	22,924,165	5,188,565
Alberta.....	24,026,364	5,190,856	24,256,309	5,947,663	29,735,291	6,808,167
Colombie Britannique.....	3,429,199	876,067	3,356,968	980,432	5,568,517	1,504,072
Total.....	228,278,588	52,408,892	228,398,138	59,333,566	252,183,475	62,672,083

DANS LES BEURRERIES-FROMAGERIES

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Nouveau-Brunswick.....					40,067	10,270
Québec.....	11,607,739	2,647,124	8,070,556	2,087,625	5,481,556	1,356,101
Ontario.....	4,291,962	1,009,482	4,704,910	1,257,727	4,675,246	1,271,021
Manitoba.....	238,363	51,375	239,462	65,212	170,191	43,541
Saskatchewan.....	1,097,100	234,048			600,095	132,550
Alberta.....	1,464,741	310,911	2,067,253	495,444	1,507,066	349,457
Colombie Britannique.....	2,384,396	566,099	1,877,246	525,629	-	-
Total.....	21,084,301	4,849,019	16,959,427	4,431,637	12,474,221	3,162,910

DANS LES CONDENSERIES

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Ontario.....	1,568,888	404,248	1,699,181	452,129	2,689,575	699,545
Total.....	1,568,888	404,248	1,699,181	452,129	2,689,575	699,545

PRODUCTION TOTALE DE BEURRE (TOUTES FABRIQUES)

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Île du Prince-Édouard.....	2,068,065	503,987	2,131,508	571,970	2,557,447	656,774
Nouvelle-Ecosse.....	5,754,887	1,454,663	5,874,068	1,677,460	6,716,643	1,864,848
Nouveau-Brunswick.....	3,502,529	851,088	3,623,787	952,143	4,481,458	1,151,471
Québec.....	74,487,024	17,176,664	74,557,923	19,390,005	79,758,483	19,577,024
Ontario.....	86,705,979	20,733,275	81,396,261	22,029,642	87,754,385	23,125,733
Manitoba.....	23,011,056	4,873,368	24,343,485	5,954,436	25,703,684	6,165,637
Saskatchewan.....	24,097,537	5,095,182	23,571,938	5,685,510	23,524,260	5,321,115
Alberta.....	25,491,105	5,501,767	26,323,562	6,443,107	31,242,357	7,157,624
Colombie Britannique.....	5,813,595	1,472,166	6,234,214	1,512,061	5,568,517	1,504,072
Total.....	250,931,777	57,662,100	247,056,746	61,212,332	267,347,271	66,531,568

INDUSTRIE LAITIÈRE

93

2. Production et valeur du fromage de fabrique, en 1936, 1937 et 1938

PRODUCTION DES FROMAGERIES

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Île du Prince-Edouard.....	296,354	42,112	461,583	64,705	449,957	62,528
Nouveau-Brunswick.....	419,022	58,918	597,162	84,668	489,354	68,267
Québec.....	15,451,811	1,981,836	19,183,883	2,622,651	18,246,968	2,404,378
Ontario.....	81,176,063	10,589,749	84,573,362	11,635,511	78,289,019	10,616,941
Manitoba.....	2,073,786	266,485	2,840,792	383,718	3,183,817	426,331
Saskatchewan.....	325,071	46,227	343,449	50,709	336,606	48,306
Alberta.....	1,004,292	130,080	1,375,068	198,704	2,020,123	285,699
Colombie Britannique.....	152,588	24,729	227,218	40,982	590,781	91,861
Total.....	100,898,987	13,140,136	109,602,517	15,081,648	103,606,626	14,004,311

PRODUCTION DES BEURRERIES-FROMAGERIES

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Nouveau-Brunswick.....	-	-	-	-	63,235	8,148
Québec.....	9,924,070	1,325,014	11,178,596	1,505,617	10,322,155	1,418,465
Ontario.....	6,870,248	901,875	9,082,489	1,266,889	8,831,156	1,214,593
Manitoba.....	66,979	7,503	83,081	11,095	100,385	21,792
Saskatchewan.....	186,924	26,039	-	-	82,798	11,667
Alberta.....	447,443	60,389	463,521	69,098	431,698	62,705
Colombie Britannique.....	318,136	48,675	3,840	653	-	-
Total.....	17,813,808	2,369,495	20,811,527	2,853,312	19,891,427	2,737,376

DANS LES CONDENSERIES

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Ontario.....	410,696	56,182	211,794	30,163	473,255	68,180
Total.....	410,696	56,182	211,794	30,163	473,255	68,180

PRODUCTION TOTALE DE FROMAGE (TOUTES FABRIQUES)

Province	1936		1937		1938	
	lb	\$	lb	\$	lb	\$
Île du Prince-Edouard.....	296,354	42,112	461,583	64,705	449,957	62,528
Nouveau-Brunswick.....	419,022	58,918	597,162	84,668	552,589	70,415
Québec.....	25,375,881	3,306,850	30,362,479	4,128,268	28,569,124	3,822,843
Ontario.....	88,457,007	11,547,806	93,867,645	12,032,563	57,593,430	11,899,714
Manitoba.....	2,140,765	273,988	2,923,873	394,773	3,344,202	448,123
Saskatchewan.....	511,995	72,266	343,449	50,709	419,404	59,973
Alberta.....	1,451,735	190,469	1,838,589	267,802	2,451,821	348,404
Colombie Britannique.....	470,724	73,404	231,058	41,635	590,781	91,861
Total.....	119,123,483	15,565,813	130,625,838	17,965,123	123,571,308	16,809,861

3. Prix moyen la livre du beurre de crème et du fromage de fabrique, 1936, 1937 et 1938

Province	Beurre de crèmeerie			Fromage de fabrique				
	1936		1937	1938		1936	1937	1938
	cents	cents	cents	cents	cents	cents	cents	cents
Île du Prince-Edouard.....	24.37	26.83	25.68	14.21	14.02	13.90		
Nouvelle-Ecosse.....	25.28	28.56	27.76	-	-	-		
Nouveau-Brunswick.....	24.47	26.27	25.69	14.06	14.18	13.83		
Québec.....	23.06	26.01	24.55	13.03	13.59	13.38		
Ontario.....	23.91	27.06	26.35	13.05	13.78	13.59		
Manitoba.....	21.18	24.46	23.99	12.80	13.50	13.40		
Saskatchewan.....	21.14	24.12	22.62	14.11	14.76	14.30		
Alberta.....	21.58	24.48	22.91	13.12	14.57	14.21		
Colombie Britannique.....	25.32	28.89	27.01	15.59	18.02	15.55		
Moyenne.....	22.98	25.99	24.89	13.07	13.75	13.56		

4. Production, valeur et prix moyen la livre du beurre de crème et du fromage de fabrique, 1900, 1907, 1910 et 1915 à 1938

Année	Etablissements	Beurre de crème			Fromage de fabrique		
		Quantité	Valeur	Prix moyen la livre	Quantité	Valeur	Prix moyen la livre
		nombre	lb	\$	cents	lb	\$
1900		3,576	36,066,739	7,240,972	20-07	220,833,269	22,221,430
1907		3,515	45,930,294	10,949,062	23-83	204,788,583	23,597,639
1910		3,625	64,489,398	15,597,807	24-18	199,904,205	21,587,124
1915		3,513	83,991,453	24,385,052	29-03	183,887,837	27,097,176
1916		3,446	82,504,130	26,966,355	32-66	192,968,597	35,512,622
1917		3,418	87,526,939	34,274,218	39-15	194,904,336	41,180,623
1918		3,373	93,298,348	41,859,156	44-86	174,878,313	39,456,532
1919		3,282	103,890,707	56,371,985	54-26	166,421,571	44,586,168
1920		3,161	111,691,718	63,625,203	56-96	149,201,856	39,100,872
1921		3,114	128,744,610	48,135,439	37-38	162,117,494	28,710,030
1922		3,095	152,501,900	53,453,289	35-05	135,821,116	21,824,760
1923		3,007	162,834,608	56,873,510	34-93	151,624,376	28,645,192
1924		2,933	178,893,937	60,494,826	33-82	149,707,530	24,201,923
1925		3,012	169,494,967	63,008,097	37-17	177,139,113	36,571,556
1926		3,047	177,209,287	61,753,390	34-85	171,731,631	28,807,841
1927		2,899	176,078,947	65,709,986	37-13	183,056,908	25,522,148
1928		2,833	168,027,039	64,702,535	38-51	144,584,619	30,494,463
1929		2,797	170,810,230	65,929,785	38-60	188,746,286	21,471,330
1930		2,724	185,751,061	56,670,504	30-51	119,105,203	18,089,870
1931		2,702	225,955,246	50,198,878	22-22	113,956,639	12,824,695
1932		2,734	214,002,127	40,475,479	18-91	120,524,243	11,379,922
1933		2,716	219,232,546	43,546,109	19-86	111,146,493	11,127,984
1934		2,653	234,852,961	48,168,592	20-51	99,346,617	9,797,588
1935		2,610	240,918,799	52,228,133	21-08	100,427,340	10,570,309
1936		2,595	250,931,777	57,662,160	22-98	119,123,483	15,565,813
1937		2,592	247,056,746	64,217,332	25-99	130,625,888	17,965,123
1938		2,552	267,347,271	66,534,568	24-89	123,971,308	16,809,861

Lait concentré.—Cette classification englobe les produits concentrés et les sous-produits du lait entier et comprend les item suivants: lait condensé, lait évaporé, poudre de lait, lait écrémé condensé et lait écrémé évaporé, poudre de lait écrémé, poudre de lait de beurre, caséine, etc. La production dans son ensemble a augmenté continuellement depuis les débuts de l'industrie et, en 1938, la valeur de la production atteint un total de \$11,844,817. Aux premiers jours de l'industrie le lait condensé constituait le gros de la production, mais le principal item en ces dernières années a été le lait évaporé. En 1938 la valeur du lait évaporé sorti des fabriques représente 64 p.c. de la valeur totale de tous les produits concentrés du lait. La poudre de lait écrémé est un autre item important.

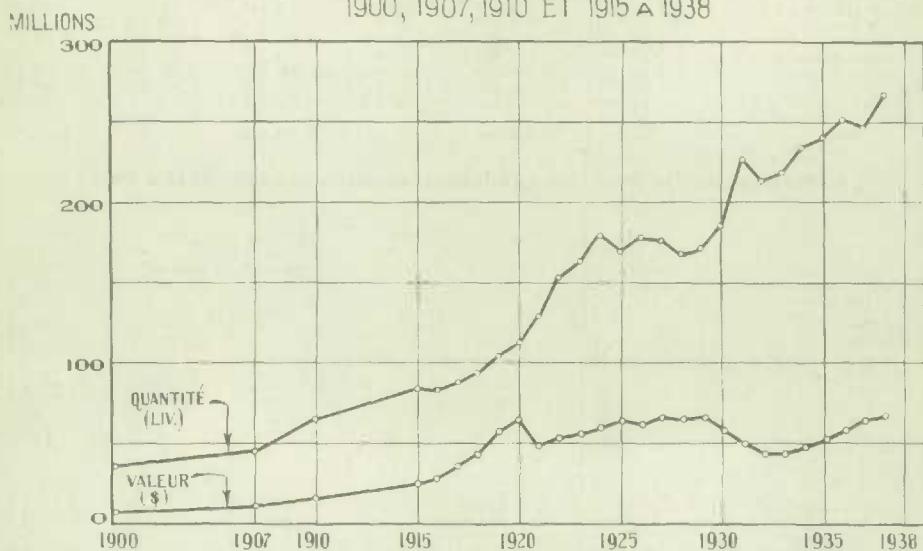
Le tableau 5 donne la quantité et la valeur des divers item de production de 1936 à 1938 et le tableau 6, le prix moyen la livre pour chaque item de 1933 à 1938.

5. Produits concentrés du lait, 1936, 1937 et 1938

Produits concentrés du lait entier	1936		1937		1938	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
	lb	\$	lb	\$	lb	\$
Lait condensé—						
En cuisses.....	4,767,466	466,824	7,532,035	686,868	5,549,081	504,256
En vrac.....	3,219,227	257,351	3,863,645	317,699	3,682,431	335,920
Lait évaporé—						
En caisses.....	70,963,630	4,580,829	91,016,590	6,144,445	105,373,408	7,518,001
En vrac.....	110,934	5,009	314,125	16,697	346,200	14,178
Poudre de lait.....	2,735,745	351,590	5,454,997	833,480	6,587,432	992,129
Poudre de crème.....	45,244	15,403	36,336	12,962	28,613	8,518
Total.....	-	5,677,306	-	8,012,151	-	9,373,002

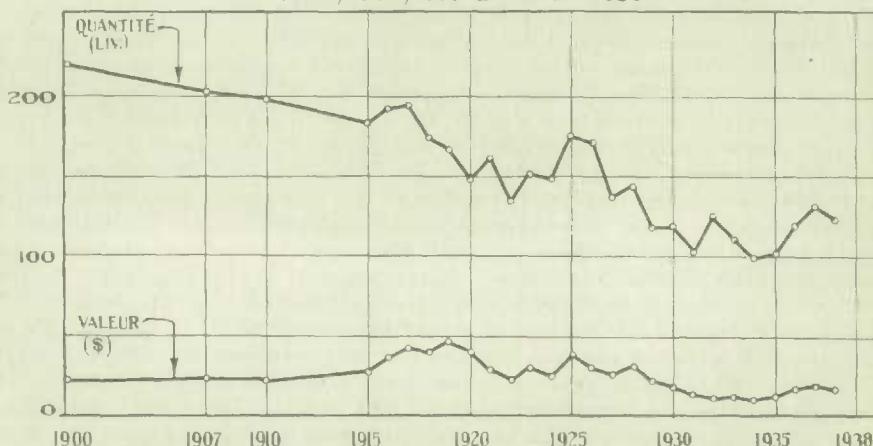
PRODUCTION ET VALEUR DU BEURRE DE CRÉMERIE

1900, 1907, 1910 ET 1915 A 1938



PRODUCTION ET VALEUR DU FROMAGE DE FABRIQUE

1900, 1907, 1910 ET 1915 A 1938



INDUSTRIE LAITIÈRE

5. Produits concentrés du lait, 1936, 1937 et 1938—fin

Sous-produits concentrés du lait	1936		1937		1938	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
	lb	\$	lb	\$	lb	\$
Lait écrémé condensé.....	4,515,713	233,402	4,999,582	259,911	4,540,922	234,421
Lait écrémé évaporé.....	185,635	4,889	726,993	19,524	850,313	20,557
Poudre de lait écrémé.....	18,529,782	1,237,059	18,492,326	1,422,768	25,545,231	1,882,353
Lait de beurre condensé.....	921,783	21,594	576,914	11,916	595,757	17,395
Poudre de lait de beurre.....	2,210,953	103,936	2,542,081	147,230	3,051,303	155,523
Caséine.....	1,335,910	134,518	1,572,314	181,953	1,468,686	146,340
Sucre de hut.....	186,423	11,186	188,276	11,296	304,516	15,226
Total.....		1,716,584		2,054,598		2,471,815

6. Prix moyen, la livre, des produits concentrés du lait, 1933 à 1938

	1933	1934	1935	1936	1937	1938
	cents	cents	cents	cents	cents	cents
<i>Produits concentrés du lait entier</i>						
Lait condensé—						
En caisses.....	9.18	10.52	10.16	9.79	9.12	9.09
En vrac.....	7.45	7.73	7.61	7.99	8.22	9.12
Lait évaporé—						
En caisses.....	6.27	6.13	6.30	6.46	6.75	7.13
En vrac.....	3.37	4.18	4.12	4.52	5.32	4.10
Poudre de lait.....	11.50	11.29	11.88	12.86	15.28	15.06
Poudre de crème.....	30.98	32.53	35.95	34.04	35.67	29.77
<i>Sous-produits concentrés du lait</i>						
Lait écrémé condensé.....	4.79	5.04	4.99	5.17	5.20	5.16
Lait écrémé évaporé.....		1.78	2.73	2.63	2.69	2.42
Poudre de lait écrémé.....	6.38	6.56	6.46	6.68	7.69	7.37
Lait de beurre condensé.....	2.08	2.25	2.08	2.34	2.07	2.92
Poudre de lait de beurre.....	4.79	5.41	4.89	4.70	5.79	5.10
Caséine.....	9.69	9.88	9.33	10.07	11.57	9.96

Produits divers des fabriques laitières.—Cette classification tient compte des item suivants: beurre de petit lait, crème glacée, lait et crème vendus tels quels, lait au chocolat, fromage cottage, etc. La valeur totale de tous les produits de ce groupe est de \$45,660,110, augmentation de \$1,726,436 ou de 4 p.e. sur l'année précédente et augmentation de \$5,091,780 ou de 13 p.e. sur 1936. La vente de lait et de crème contribue \$35,328,849, soit 77 p.e. de la valeur totale. L'information relative aux ventes de lait et de crème provient surtout des rapports fournis par les laiteries citadines et urbaines qui s'occupent principalement de la distribution de ces item; mais, comme elles fabriquent également du beurre, elles sont en conséquence classifiées comme beurries et comprises dans le recensement annuel des fabriques laitières. L'item suivant le plus important du groupe divers est la crème glacée, dont la fabrication atteint en 1938 un total de 5,351,747 gallons valant \$6,502,096, soit un prix moyen de \$1.21 le gallon. En outre de la quantité de crème glacée sortie des fabriques laitières en 1938, il y a 1,928,493 gallons (\$2,313,202) produits dans les établissements de l'industrie de la crème glacée classifiés séparément et 772,636 gallons (\$951,851) produits par l'industrie de la confiserie. La production totale de crème glacée des diverses industries ensemble est de 8,052,876 gallons valant \$9,767,149. Les statistiques relatives à l'industrie de la crème glacée sont données à la page 71 du présent volume, tandis que les statistiques de l'industrie de la confiserie se trouvent dans un rapport publié par la branche des Manufactures Générales, recensement de l'industrie. Le lait au chocolat est un produit que les établissements laitiers fabriquent de plus en plus; en 1936, la première année de statistiques connues pour la quantité de ce produit, la production s'établissait à 1,224,096 gallons; en 1938 elle atteint 1,856,290 gallons, augmentation de 52 p.e. pendant la période.

Le tableau suivant donne la quantité et la valeur des différentes espèces de produits divers des fabriques laitières pour les années 1936 à 1938.

7. Produits divers des fabriques laitières, 1936, 1937 et 1938

Produits	1936		1937		1938	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		\$		\$		\$
Beurre de petit lait.....lb	1,489,918	304,312	1,810,579	409,890	1,810,818	389,705
Crème glacée (a).....gall.	4,925,767	5,729,256	5,538,554	6,689,083	5,351,747	6,502,096
Lait vendu.....gall.	66,568,743	24,903,285	64,348,212	25,231,572	68,972,074	26,396,152
Crème vendue (livres de matière grasse).....	15,484,338	7,752,021	17,566,876	9,008,601	16,893,491	8,932,697
Lait au chocolat.....gall.	1,224,096	518,136	1,618,998	759,493	1,856,290	882,881
Crème glacée mélangée.....gall.	452,300	349,102	623,292	491,748	1,142,425	1,042,513
Fromage cottage.....lb	1,076,902	92,585	1,102,181	97,778	2,149,337	148,283
Fromage de lait écrémé.....lb	388,434	15,623	744,987	37,993		
Lait de beurre vendu.....	-	462,926	-	522,819	-	502,902
Crème de petit lait.....	-	114,223	-	146,620	-	129,701
Divers.....	-	326,861	-	538,077	-	733,180
Total.....	-	40,568,330	-	43,933,674	-	45,660,110

(a) Voir aussi la production des établissements de crème glacée page 71.

Valeur totale de la production

La valeur totale de la production des fabriques en 1938 est de \$140,849,356 et les produits manufacturés (beurre, fromage, lait concentré, crème glacée, beurre de petit lait, etc.) représentent 74 p.c. de cette valeur. Les 26 p.c. qui restent représentent la valeur du lait et de la crème, de la crème de petit lait, du lait écrémé et du lait de beurre vendus tels quels. Comparativement à l'année précédente, la production totale de 1938 montre une augmentation de \$4,666,478 ou de 3 p.c.

Etablissements et patrons

Etablissements.—La tendance à la centralisation dans les entreprises commerciales se constate dans l'industrie laitière, où le nombre de fabriques a diminué graduellement bien que la production ait augmenté continuellement. En 1917 il y avait 3,418 fabriques en opération et en 1938 ce nombre tombe à 2,552, soit une diminution de 866 fabriques ou de 25 p.c. pendant les 21 ans. Durant la même période la valeur de la production a augmenté de 50 p.c. En 1938 les fabriques, classifiées selon l'espèce du produit, se répartissent comme suit: beurreries ou fabriques de beurre, 1,344; fromageries, 988; beurreries-fromageries, 196; condenseries, 24. Le total montre une diminution de 40 sur l'année précédente. Les diminutions en nombre se confinent aux provinces de Québec, d'Ontario et de Saskatchewan.

Patrons.—Le nombre moyen de patrons (farmers qui fournissent le lait et la crème aux fabriques) est de 395,719 au cours de l'année, soit une augmentation de 10,573 sur l'année précédente. Toutes les provinces, excepté l'Ontario et la Saskatchewan, participent à l'augmentation.

Le tableau suivant donne le nombre d'établissements et de patrons, par province, les années 1936 à 1938.

INDUSTRIE LAITIÈRE

8. Etablissements et patrons, 1936, 1937 et 1938

ÉTABLISSEMENTS

Province	Beurreries			Fromageries		
	1936	1937	1938	1936	1937	1938
	nomb.	nomb.	nomb.	nomb.	nomb.	nomb.
Ile du Prince-Edouard.....	20	20	22	5	8	7
Nouvelle-Ecosse.....	29	29	29	-	-	-
Nouveau-Brunswick.....	24	25	25	7	8	8
Québec.....	660	675	712	320	338	321
Ontario.....	306	301	301	641	635	615
Manitoba.....	66	66	68	12	16	15
Saskatchewan.....	60	60	59	12	9	8
Alberta.....	92	91	93	8	9	11
Colombie Britannique.....	31	32	35	3	2	3
Total.....	1,288	1,289	1,344	1,003	1,025	988

Province	Beurreries-fromageries			Total		
	1936	1937	1938	1936	1937	1938
	nomb.	nomb.	nomb.	nomb.	nomb.	nomb.
Ile du Prince-Edouard.....	-	-	-	25	28	29
Nouvelle-Ecosse.....	-	-	-	29	29	29
Nouveau-Brunswick.....	-	-	1	31	33	34
Québec.....	233	190	146	1,213	1,203	1,179
Ontario.....	36	48	42	983	982	958
Manitoba.....	2	2	2	80	84	85
Saskatchewan.....	1	-	1	73	69	68
Alberta.....	4	5	4	104	105	108
Colombie Britannique.....	1	1	-	35	35	38
Total.....	227	244	196	2,573	2,568	2,528

Province	Condenseries		
	1936	1937	1938
	nomb.	nomb.	nomb.
Nouvelle-Ecosse.....	1	1	1
Ontario.....	18	20	20
Alberta.....	1	1	1
Colombie Britannique.....	2	2	2
Total.....	22	24	24

Province	PATRONS		
	Beurreries		
	1936	1937	1938
	nomb.	nomb.	nomb.
Ile du Prince-Edouard.....	4,424	4,645	5,635
Nouvelle-Ecosse.....	10,753	11,221	13,296
Nouveau-Brunswick.....	6,991	6,534	8,379
Québec.....	57,984	64,604	70,625
Ontario.....	94,795	94,819	95,704
Manitoba.....	35,193	36,128	39,802
Saskatchewan.....	51,008	51,906	49,158
Alberta.....	49,573	47,233	49,024
Colombie Britannique.....	4,212	3,839	5,174
Total.....	314,933	320,929	336,797
	32,229	35,468	33,224

8. Etablissements et patrons, 1936, 1937 et 1938—fin

Province	Beurreries-fromageries			Toutes fabriques de beurre et de fromage		
	1936	1937	1938	1936	1937	1938
	nomb.	nomb.	nomb.	nomb.	nomb.	nomb.
Île du Prince-Edouard.....	-	-	-	4,798	5,327	6,189
Nouvelle-Ecosse.....	-	-	-	10,753	11,221	13,296
Nouveau-Brunswick.....	-	-	95	7,201	6,783	8,684
Québec.....	12,513	10,596	7,573	77,677	84,292	86,603
Ontario.....	4,349	5,628	4,857	120,857	123,688	121,615
Manitoba.....	1,175	1,200	1,100	37,247	38,642	42,157
Saskatchewan.....	1,000	-	1,000	52,273	52,174	50,382
Alberta.....	1,860	2,390	1,899	53,040	50,243	52,263
Colombie Britannique.....	1,250	880	-	5,465	4,721	5,376
Total.....	22,147	20,694	16,524	369,309	377,091	386,545

Canada	Condenserries (a)		
	1936	1937	1938
	nomb.	nomb.	nomb.
Canada.....	6,849	8,055	9,174

(a) Les condenserries se répartissent ainsi qu'il suit entre les différentes provinces:
1936—Nouvelle-Ecosse, 1; Ontario, 18; Alberta, 1; Colombie Britannique, 2.
1937 et 1938—Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

Lait et crème livrés aux fabriques

Lait.—Les livraisons de lait aux fabriques s'élèvent à 3,273,187,068 livres, soit à peu près 317,785,152 gallons. De ce total, les beurreries en prennent 40 p.c.; les fromageries, 37 p.c.; les beurreries-fromageries, 8 p.c.; les condenserries, 15 p.c. L'Ontario absorbe 54 p.c. de toutes les livraisons aux fabriques de beurre et de fromage; le Québec, 31 p.c.

Crème.—Mesurée d'après la teneur en gras de beurre, les livraisons de crème s'établissent à 211,962,803 livres. La majeure partie, il va sans dire, va aux beurreries, les livraisons à ces fabriques représentant 95 p.c. du total pour toutes les fabriques. Comparativement à l'année précédente, la quantité totale de gras de beurre en crème accuse une augmentation de 14,080,004 livres ou de 7 p.c.

Équivalence en lait des livraisons de lait et de crème.—L'équivalent en lait des livraisons de lait et de crème aux fabriques durant l'année est de 9,329,267,154 livres, à rapprocher de 8,857,852,661 livres en 1937. Pour réduire en lait la teneur de gras de beurre de la crème, on se sert de la proportion de 3·5 livres de gras de beurre par 100 livres de lait.

La majeure partie des livraisons de lait et de crème aux fabriques est employée pour la fabrication, mais une quantité considérable est également employée dans le commerce du lait et de la crème frais. Les produits (beurre, fromage, lait concentré, crème glacée, etc.) absorbent 87 p.c. de toutes les livraisons, tandis que le lait et la crème vendus tels quels s'attribuent les 13 p.c. qui restent.

Le tableau suivant donne, par province, les livraisons de lait et de crème aux fabriques en 1938, de même que les statistiques comparatives pour 1936 et 1937.

INDUSTRIE LAITIÈRE

9. Livraisons de lait et crème aux fabriques laitières, 1936, 1937 et 1938

Province	Lait livré aux beurries			Lait livré aux fromageries		
	1936	1937	1938	1936	1937	1938
	lb	lb	lb	lb	lb	lb
Île du Prince-Edouard.....	1,501,518	2,333,072	1,914,041	3,157,351	5,001,810	4,762,627
Nouvelle-Ecosse.....	12,371,244	13,074,881	14,125,162	-	-	-
Nouveau-Brunswick.....	10,860,559	10,932,713	11,713,877	4,451,643	6,390,698	5,272,800
Québec.....	523,380,148	477,801,233	511,381,086	171,372,440	211,106,319	202,406,373
Ontario.....	426,349,558	414,607,358	453,154,999	941,905,866	1,013,611,080	928,968,733
Manitoba.....	66,856,338	68,946,772	69,237,448	21,740,806	30,211,468	33,558,357
Saskatchewan.....	36,031,051	49,773,117	48,665,310	3,465,744	3,605,203	3,514,208
Alberta.....	34,663,860	34,122,844	35,359,991	10,506,825	14,535,508	20,955,439
Colombie Britannique.....	56,112,503	70,230,091	159,090,125	1,325,469	2,113,273	5,394,180
Total.....	1,170,126,779	1,141,882,081	1,304,642,039	1,157,926,144	1,286,575,359	1,204,862,717
Province	Lait livré aux beurries-fromageries			Lait livré à toutes les fabriques de beurre et de fromage		
	1936	1937	1938	1936	1937	1938
	lb	lb	lb	lb	lb	lb
Île du Prince-Edouard.....	-	-	-	4,658,869	7,334,882	6,676,668
Nouvelle-Ecosse.....	-	-	-	12,371,244	13,074,881	14,125,162
Nouveau-Brunswick.....	-	-	653,373	15,312,202	17,323,411	17,640,050
Québec.....	190,864,591	180,536,443	144,901,844	887,617,179	875,443,995	858,689,303
Ontario.....	90,889,553	126,380,387	125,554,141	1,459,144,977	1,554,658,825	1,507,677,873
Manitoba.....	5,615,612	4,881,397	5,019,391	94,212,756	104,039,637	107,815,196
Saskatchewan.....	18,741,591	-	893,600	58,238,386	53,378,320	53,073,118
Alberta.....	4,914,082	5,028,537	4,484,027	50,084,767	53,686,889	60,829,457
Colombie Britannique.....	65,426,149	47,155,908	-	122,864,121	119,499,272	164,484,305
Total.....	376,451,578	369,982,672	281,506,376	2,704,504,501	2,798,410,112	2,791,011,132
				Lait livré aux condenserries (a)		
				1936	1937	1938
				lb	lb	lb
Canada.....				311,939,335	405,618,293	482,175,936
Province	Crème livrée aux beurries			Crème livrée aux beurries-fromages		
	1936	1937	1938	1936	1937	1938
	lb de gras	lb de gras	lb de gras	lb de gras	lb de gras	lb de gras
Île du Prince-Edouard.....	1,681,821	1,735,445	2,070,728	-	-	-
Nouvelle-Ecosse.....	5,095,361	5,361,677	6,084,725	-	-	-
Nouveau-Brunswick.....	3,097,639	3,275,377	3,905,196	-	-	33,226
Québec.....	43,048,392	47,600,367	52,576,799	6,689,542	4,814,151	3,617,164
Ontario.....	66,849,882	63,055,854	66,904,679	3,657,670	3,971,997	3,840,087
Manitoba.....	19,997,914	21,250,294	22,621,340	235,549	219,589	210,113
Saskatchewan.....	19,631,081	20,275,066	19,578,509	916,740	-	488,564
Alberta.....	20,468,763	20,654,704	25,108,137	1,219,689	1,716,706	1,254,337
Colombie Britannique.....	2,712,288	3,089,106	2,802,100	106,527	130,546	-
Total.....	182,583,141	186,297,890	201,652,213	12,815,697	10,832,999	9,413,491
				Crème livrée à toutes les fabriques de beurre et de fromage		
				1936	1937	1938
				lb de gras	lb de gras	lb de gras
Île du Prince-Edouard.....				1,681,821	1,735,445	2,070,728
Nouvelle-Ecosse.....				5,095,361	5,361,677	6,084,725
Nouveau-Brunswick.....				3,097,639	3,275,377	3,938,422
Québec.....				49,737,934	52,414,518	56,193,963
Ontario.....				70,507,552	67,027,851	70,744,766
Manitoba.....				20,223,463	21,469,893	22,831,453
Saskatchewan.....				20,547,821	20,275,066	20,067,073
Alberta.....				21,888,432	22,371,410	26,362,474
Colombie Britannique.....				2,818,815	3,219,652	2,802,100
Total.....				195,398,838	197,150,889	211,093,704

(a) Les condenserries se répartissent ainsi qu'il suit entre les différentes provinces:
 1936—Nouvelle-Ecosse, 1; Ontario, 18; Alberta, 1; Colombie Britannique, 2.
 1937 et 1938—Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

9. Livraisons de lait et crème aux fabriques laitières, 1936, 1937 et 1938—fin

		Crème livrée aux condenseries (a)		
		1936	1937	1938
		lb de gras	lb de gras	lb de gras
Canada.....		647,324	731,910	867,099

(a) Les condenseries se répartissent ainsi qu'il suit entre les différentes provinces:
 1936—Nouvelle-Ecosse, 1; Ontario, 18; Alberta, 1; Colombie Britannique, 2.
 1937 et 1938—Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

Sommes payées aux patrons

En 1938 les fabriques laitières payent \$96,234,311 pour le lait et la crème qui leur sont livrés. Les beurgeries payent \$71,847,678 ou 74·7 p.c. de cette somme; les fromageries, \$12,445,123 ou 12·9 p.c.; les beurgeries-fromageries, \$5,535,668 ou 5·7 p.c.; les condenseries, \$6,405,842 ou 6·7 p.c. Le total des paiements accuse une augmentation de \$3,309,469 ou de 3 p.c. sur l'année précédente. Au cours de l'année le prix moyen payé pour le lait est de \$1.30 les 100 livres et pour la crème, 25 cents la livre de gras, en regard de \$1.27 pour le lait et 26 cents pour le gras de beurre en 1937.

Le tableau suivant donne les sommes payées par les fabriques pour le lait et la crème combinés. Pour renseignements relatifs aux sommes payées pour le lait et la crème séparément, voir le tableau IV, page 44.

10. Sommes payées aux patrons, 1936, 1937 et 1938

Province	Des beurgeries			Des fromageries		
	1936	1937	1938	1936	1937	1938
	\$	\$	\$	\$	\$	\$
Île du Prince-Edouard.....	444,792	514,288	608,576	32,382	48,976	47,606
Nouvelle-Ecosse.....	1,400,439	1,738,432	1,950,541			—
Nouveau-Brunswick.....	932,045	1,050,236	1,281,403	48,396	70,590	56,632
Québec.....	17,196,880	19,944,050	20,837,814	1,750,034	2,313,816	2,174,383
Ontario.....	23,297,289	24,759,797	26,271,142	9,259,045	10,497,634	9,517,613
Manitoba.....	4,948,463	5,933,837	6,228,114	224,226	331,121	347,859
Saskatchewan.....	4,367,716	5,415,987	4,990,664	30,072	34,420	32,410
Alberta.....	4,737,888	5,335,850	6,079,585	86,933	140,184	196,044
Colombie Britannique.....	1,623,232	2,143,319	3,599,839	14,873	30,035	72,576
Total.....	59,008,746	66,885,826	71,847,678	11,475,961	13,436,782	12,445,123
Province	Des beurgeries-fromageries			Total		
	1936	1937	1938	1936	1937	1938
	\$	\$	\$	\$	\$	\$
Île du Prince-Edouard.....	—	—	—	477,174	563,264	656,182
Nouvelle-Ecosse.....	—	—	—	1,400,439	1,738,432	1,950,541
Nouveau-Brunswick.....	—	—	15,118	980,441	1,150,826	1,353,153
Québec.....	3,594,460	3,314,607	2,519,683	22,571,374	25,592,503	25,531,880
Ontario.....	1,767,636	2,422,581	2,426,064	34,323,970	37,650,012	38,214,819
Manitoba.....	130,521	134,302	134,378	5,303,212	6,396,260	6,710,351
Saskatchewan.....	418,458	—	122,922	4,816,246	5,450,413	5,145,996
Alberta.....	280,779	452,153	317,503	5,105,600	5,928,187	6,593,132
Colombie Britannique.....	875,998	769,591	—	2,514,103	2,942,945	3,672,415
Total.....	7,067,852	7,090,234	5,535,668	77,552,559	87,412,842	89,828,469
Des condenseries (a)						
	1936	1937	1938			
Canada.....	\$	\$	\$			
Canada.....	3,878,229	5,512,000	6,405,842			

(a) Les condenseries se répartissent ainsi qu'il suit entre les différentes provinces:
 1936—Nouvelle-Ecosse, 1; Ontario, 18; Alberta, 1; Colombie Britannique, 2.
 1937 et 1938—Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

Autres données

Capital.—En 1938 les immobilisations de l'industrie sont placées à \$68,- 410,385 et se répartissent comme suit: terrains, bâtiments et outillage, \$51,- 144,671; matières premières, produits et approvisionnements en mains, \$7,- 396,744; caisse, comptes et effets à recevoir, \$9,868,970. Les immobilisations moyennes par établissement sont de \$26,807, comparativement à une moyenne de \$25,262 en 1937.

Le tableau suivant donne les immobilisations totales par province. Les statistiques par item séparé se trouvent au tableau 11, page 32.

11. Capitaux engagés dans l'industrie laitière, 1936, 1937 et 1938

BEURRERIES ET FROMAGERIES

Province	1936		1937		1938	
	Etablissements	Capital engagé	Etablissements	Capital engagé	Etablissements	Capital engagé
	nombr.	\$	nombr.	\$	nombr.	\$
Ile du Prince-Edouard.....	25	257,841	28	320,965	29	370,684
Nouvelle-Ecosse.....	29	1,183,166	29	1,248,532	29	1,227,761
Nouveau-Brunswick.....	31	1,122,416	33	1,039,489	34	1,086,234
Québec.....	1,213	15,721,628	1,203	16,274,478	1,179	16,753,114
Ontario.....	983	26,591,699	982	25,408,606	958	27,061,412
Manitoba.....	80	5,502,354	84	5,713,024	85	4,340,404
Saskatchewan.....	73	3,659,445	69	3,659,737	68	3,763,705
Alberta.....	104	4,470,216	105	4,429,957	108	4,261,992
Colombie Britannique.....	35	1,692,810	35	1,907,054	38	3,596,102
Total.....	2,573	60,201,575	2,568	60,001,842	2,528	62,481,468

(n) CONDENSERIES

Canada.....	22	4,863,960	24	5,477,783	24	5,928,977
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(a) Les condenserries se répartissent ainsi qu'il suit entre les différentes provinces:
1936—Nouvelle-Ecosse, 1; Ontario, 18; Alberta, 1; Colombie Britannique, 2.
1937 et 1938—Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

Personnel et salaire et gages.—De concert avec l'augmentation de la production, l'emploiement a montré une augmentation annuelle presque continue, l'année 1938 tenant le haut du pavé jusqu'à date. En cette année le nombre d'employés atteint un total de 18,171, augmentation de 786 ou de 5 p.c. sur l'année précédente et augmentation de 7,825 ou de 76 p.c. sur 1917 (année où a été établi le recensement postal annuel des fabriques laitières). Les paiements en salaires et gages en 1938 touchent également une cime. Le total payé à tout le personnel pendant l'année est de \$17,451,566, augmentation de \$858,- 655 ou de 5 p.c. sur l'année précédente et augmentation de \$12,004,220 ou de 220 p.c. sur l'année 1917. L'emploiement dans l'industrie en 1938 se classifie comme suit: employés à salaire, 6,105 (\$5,700,447); employés à gages, 12,066 (\$11,751,119). Les salariés comprennent 1,249 propriétaires occupés au travail dans les fabriques, qui reçoivent comme rémunération raisonnable allouée pour leurs services la somme de \$1,060,303.

Le tableau 12, qui suit, montre par province le nombre total d'employés et la somme payée en salaires et gages. D'autres données relatives à l'emploiement se trouvent au tableau III, page 36.

12. Personnel, salaires et gages, 1936, 1937 et 1938

BEURRERIES ET FROMAGERIES

Province	1936		1937		1938	
	Personnel	Salaires et gages	Personnel	Salaires et gages	Personnel	Salaires et gages
	nomb.	\$	nomb.	\$	nomb.	\$
Île du Prince-Edouard.....	87	57,475	100	70,202	111	77,091
Nouvelle-Ecosse.....	290	296,701	314	314,500	333	333,567
Nouveau-Brunswick.....	217	197,277	251	218,309	275	233,861
Québec.....	4,588	3,362,006	5,023	3,480,383	5,076	3,610,051
Ontario.....	7,091	7,097,301	7,331	7,498,341	7,542	7,629,975
Manitoba.....	1,124	1,430,742	1,245	1,584,858	1,280	1,573,868
Saskatchewan.....	871	943,833	872	950,466	850	954,666
Alberta.....	868	917,699	957	1,006,728	1,013	1,046,671
Colombie Britannique.....	409	469,216	490	575,298	856	1,079,406
Total.....	15,545	14,772,250	16,583	15,699,085	17,336	16,534,956

CONDENSERIES (a)

Canada.....	715	805,576	802	893,826	835	912,610
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(a) Les condenseries se répartissent ainsi qu'il suit entre les différentes provinces:
 1936—Nouvelle-Ecosse, 1; Ontario, 18; Alberta, 1; Colombie Britannique, 2.
 1937 et 1938—Nouvelle-Ecosse, 1; Ontario, 20; Alberta, 1; Colombie Britannique, 2.

Modes d'organisation.—La classification des fabriques laitières suivant le mode d'organisation dispose les rapports en trois groupes. Le premier groupe, comprenant les fabriques exploitées par des particuliers ou des associations, renferme 1,530 rapports; le deuxième, celui des fabriques exploitées par des compagnies à fonds social, 565 rapports; le troisième, celui des fabriques exploitées par des coopératives, 457 rapports. Comparativement à 1937 le premier groupe fait voir une diminution de 73; les deuxièmes et troisièmes groupes, des augmentations de 7 et 26 respectivement. Voir tableau X, page 65.

Classification des beurries et des fromageries suivant le volume de production.—Cette classification groupe les fabriques d'après le nombre de livres de beurre et de fromage produites pendant l'année. Il y a cinq groupes pour les beurries et les beurries-fromageries produisant du beurre et cinq groupes pour les fromageries et les beurries-fromageries produisant du fromage. Pour le beurre, le plus grand groupe est celui des fabriques qui produisent 500,000 livres et plus; en 1938 ce groupe renferme 97 beurries et 3 beurries-fromageries. Pour le fromage, le groupe des fabriques produisant 500,000 livres ou plus comprend 4 fromageries et 2 beurries-fromageries. La production moyenne de beurre par établissement en 1938 est de 173,602 livres, comparativement à 160,115 livres l'année précédente; la moyenne pour le fromage est de 104,705 livres, contre 102,936 livres en 1937. Voir tableau XI, page 66.

Résumé de l'industrie.—Le tableau suivant résume les principales statistiques des fabriques laitières depuis 1917 (première année de cette publication) jusqu'à 1938.

13. Statistiques principales de l'industrie laitière au Canada, 1917 à 1938

Année	Nombre de fabriques	Capital engagé	Personnel	Salaires et gages	Nombre de patrons	Sommes payées aux patrons	Valeur de la production
		\$	nomb.	\$		\$	\$
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	278,693	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	12,308,490	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	58,538,836	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	63,602,616	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

Commerce extérieur

Exportations.—Le fromage est le principal item d'exportation de produits laitiers canadiens. En 1938 les exportations de cette denrée s'élèvent à 80,989,100 livres, dont 76,048,100 livres ou 94 p.c. sont dirigées vers le Royaume-Uni. Comparativement à l'année précédente, les exportations totales de fromage montrent une diminution de 7,966,200 livres ou de 9 p.c. Les exportations de beurre, qui sont de faible importance en regard des exportations de fromage, s'établissent à 3,893,400 livres en 1938. Le Royaume-Uni s'attribue 87 p.c. de ces exportations. Les exportations renferment également de grandes quantités de lait évaporé et de plus petites quantités de poudre de lait et de lait condensé. La valeur totale des produits laitiers exportés en 1938 est de \$16,219,789, diminution de \$1,361,288 ou de 8 p.c. sur l'année précédente.

Importations.—Les importations de produits laitiers sont d'importance relativement faible. En 1938 la valeur totale est de \$1,788,308; cette somme comprend les importations de lait et de crème frais, de beurre, de fromage, de lait condensé, de poudre de lait et de caséine. Le beurre est le principal item importé pendant l'année, soit 5,231,838 livres valant \$1,411,958. La Nouvelle-Zélande est la principale source des importations canadiennes de beurre.

Équivalence 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.

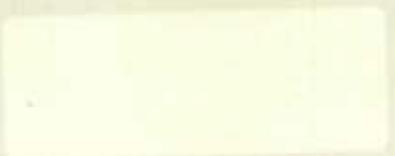
25 livres de gras de beurre par 100 livres de crème.

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
Poudre de lait.....	13·48
Poudre de crème.....	4·77
15·71 livres de lait par gallon de crème glacée.	



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