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Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief, Fisheries and Animal Products Branch: F. A. BrownPRODUCTION OF DAIRY FACTORIES, CANADA, 1939

The annual statistics of dairy factories are issued by the Dominion Bureau of Statistics in co-operation with the provincial departments of agriculture. The present statement deals with production only. The complete report, to be issued at a later date, will include statistics, by provinces and counties or districts, of production, deliveries of milk and cream, amounts paid to patrons, capital, employees, salaries and wages and related data.

Creamery Butter.- Canada's production of creamery butter in 1939 totalled 267,612,546 pounds and marks a high record for the industry to that year. The value aggregated \$61,748,399. Compared with the year 1938 the quantity of product records an increase of 265,275 pounds, or 1/10 of one per cent, but the aggregate value, owing to lower prices, decreased by \$4,786,169, or 7 p.c. The average price per pound in 1939 was 23.07 cents compared with 24.89 cents in the preceding year. Ontario and Quebec are the chief producing provinces, their combined output in 1939 representing 62.9 p.c. of the total for Canada. The relation which the production of each province bears to the total Canadian output is shown by the following percentages: Ontario, 32.9 p.c.; Quebec, 30.0 p.c.; Alberta, 11.1 p.c.; Manitoba, 9.9 p.c.; Saskatchewan, 9.5 p.c.; British Columbia, 2.3 p.c.; Nova Scotia, 2.1 p.c.; New Brunswick, 1.5 p.c.; and Prince Edward Island, 0.7 p.c. The highest average prices were reported, as in previous years, by Nova Scotia and British Columbia - 26.19 cents per pound for the former province and 26.15 cents for the latter.

Factory Cheese.- The production of factory cheese in 1939 amounted to 125,475,359 pounds, an increase over 1938 of 1,504,051 pounds, or 1 p.c. The aggregate value of the product was \$15,311,782, a decrease from 1938 of \$1,498,079 pounds, or 9 p.c., the reduction being due to a lower average price. For the year 1939 the average price per pound was 12.20 cents, while in 1938 it was 13.56 cents. Ontario and Quebec, together, produced 93.6 p.c. of the total quantity of factory cheese made in Canada during the year. The position of each province with respect to the total make is shown by percentage as follows: Ontario, 71.7 p.c.; Quebec, 21.9 p.c.; Manitoba, 2.8 p.c.; Alberta, 1.8 p.c.; British Columbia, 0.7 p.c.; New Brunswick, 0.4 p.c.; Prince Edward Island, 0.4 p.c.; and Saskatchewan, 0.3 p.c. No factory cheese is made in Nova Scotia.

Concentrated Milk.- The combined production in 1939 of all items included in the classification of "concentrated milk" was 167,247,438 pounds, and the value was \$11,594,180, an increase in quantity over the preceding year of 9,323,545 pounds, or 6 p.c., but a decrease in value of \$250,637, or 2 p.c. Contributing chiefly to the decrease in total value were the lower prices of the two principal items, viz., evaporated whole milk (case goods) and skim milk powder. For the former the average price per pound in 1939 was 6.3 cents, compared with 7.1 cents in 1938, and for the latter, 7.0 cents, compared with 7.4 cents.

Miscellaneous Products of Dairy Factories.- This group includes ice cream, whey butter, milk and cream sold, and sundries. The combined value of the various items was \$47,158,434, compared with \$45,660,110 in 1938.

Total Value of Output.- The total value of production of the dairy factory industry in 1939 was \$135,812,795, to which the production of creamery butter contributed 45 p.c.; of factory cheese, 11 p.c.; of concentrated milk, 9 p.c.; and of miscellaneous factory products, 35 p.c. Compared with the preceding year the total value shows a decrease of \$5,036,561, or 4 p.c.

Number of Dairy Factories.- The number of dairy factories in operation during the year was 2,551, classified as follows: creameries, 1,301; cheese factories, 1,007; combined butter and cheese factories, 220; and concentrated milk factories, 23. Compared with the preceding year the total number of factories shows a decrease of 1.

FOREIGN TRADE

Exports.- The value of Canadian dairy products exported during the year was \$18,221,708, an increase over 1938 of \$2,001,919, or 12 p.c. The principal item is cheese, whose value represented 67 p.c. of the total exports. Butter was second with 15 p.c., of the total, evaporated milk, third, with 10 p.c., and whole milk powder, fourth with 7 p.c. For the four items combined, the percentage of total was 99.

Imports.- The imports of dairy products fell in value to \$454,843 from \$1,788,308 in 1938. The decrease is due to the drop in butter imports from 5,231,838 pounds, valued at \$1,411,958, to 5,644 pounds, valued at \$1,656 in 1939. Cheese and casein were the principal items of import in 1939.

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1. - Production of Creamery Butter in Canada, by Provinces, 1938 and 1939.

Province	Quantity	Value	Average Price per pound
	lb.	\$	¢
Prince Edward Island - 1938	2,557,447	656,774	25.68
- 1939	1,937,272	459,534	23.72
Nova Scotia - 1938	6,716,643	1,864,848	27.76
- 1939	5,681,607	1,487,902	26.19
New Brunswick - 1938	4,521,525	1,161,741	25.69
- 1939	3,987,318	954,682	23.94
Quebec - 1938	79,758,453	19,577,024	24.55
- 1939	80,235,791	18,815,509	23.45
Ontario - 1938	87,754,385	23,125,733	26.35
- 1939	88,010,276	21,121,703	24.00
Manitoba - 1938	25,703,684	6,165,637	23.99
- 1939	26,524,240	5,702,713	21.50
Saskatchewan - 1938	23,524,260	5,321,115	22.62
- 1939	25,400,005	5,333,053	21.00
Alberta - 1938	31,242,357	7,157,624	22.91
- 1939	29,749,958	6,281,521	21.11
British Columbia - 1938	5,568,517	1,504,072	27.01
- 1939	6,086,079	1,591,782	26.15
TOTAL FOR CANADA - 1938	267,347,271	66,534,568	24.89
- 1939	267,612,546	61,748,399	23.07

2. - Production of Factory Cheese in Canada, by Provinces, 1938 and 1939.

Province	Quantity	Value	Average Price per pound
	lb.	\$	¢
Prince Edward Island - 1938	449,957	62,528	13.90
- 1939	459,748	55,740	12.12
Nova Scotia - 1938	-	-	-
- 1939	-	-	-
New Brunswick - 1938	552,589	76,415	13.83
- 1939	557,388	66,147	11.87
Quebec - 1938	28,569,124	3,822,843	13.38
- 1939	27,526,828	3,257,348	11.83
Ontario - 1938	87,593,430	11,899,714	13.59
- 1939	89,968,073	11,090,497	12.33
Manitoba - 1938	3,344,202	448,123	13.40
- 1939	3,492,958	407,278	11.66
Saskatchewan - 1938	419,404	59,973	14.30
- 1939	345,902	42,526	12.29
Alberta - 1938	2,451,821	348,404	14.21
- 1939	2,196,157	263,508	12.00
British Columbia - 1938	590,781	91,861	15.55
- 1939	928,305	128,738	13.87
TOTAL FOR CANADA - 1938	123,971,308	16,809,861	13.56
- 1939	125,475,359	15,311,782	12.20

Note.- The statistics of production of the present report are based on audited returns furnished by the factory operators, and differ somewhat from the preliminary figures published in "Dairying Statistics of Canada".

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3. - Production of Concentrated Milk, Canada, 1938 and 1939.

Kind	1938		1939	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
<b>Concentrated Whole Milk Products:</b>				
Condensed milk -				
Case goods .....	5,549,081	504,256	3,776,746	326,081
Bulk goods .....	3,682,431	335,920	3,794,336	323,187
Evaporated milk -				
Case goods .....	105,373,408	7,518,001	116,598,623	7,299,228
Bulk goods .....	346,200	14,178	286,496	11,016
Whole milk powder .....	6,587,432	992,129	6,583,523	1,368,679
Cream powder .....	28,613	8,518	6,596	3,241
TOTAL .....	121,567,165	9,373,002	131,046,320	9,331,432
<b>Concentrated Milk By-Products:</b>				
Condensed skim milk .....	4,540,922	234,421	3,240,891	160,522
Evaporated skim milk .....	850,313	20,557	2,169,796	39,344
Skim milk powder .....	25,545,231	1,882,353	25,338,928	1,761,745
Sugar of milk .....	304,516	15,226	273,371	10,935
Buttermilk powder .....	3,051,303	155,523	2,830,332	134,939
Condensed buttermilk .....	595,757	17,395	676,746	19,604
Casein .....	1,468,686	146,340	1,671,054	135,659
TOTAL .....	36,356,728	2,471,815	36,201,118	2,262,748

4. - Miscellaneous Products of Dairy Factories, Canada, 1938 and 1939.

Kind	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
			\$		\$
Whey Butter .....	Lb.	1,810,818	389,705	1,806,013	380,250
Ice Cream (a) .....	Gal.	5,351,747	6,502,096	5,459,012	6,409,249
Milk sold .....	Gal.	68,972,074	26,396,152	70,470,071	27,221,319
Cream sold (Lb. of Butterfat)		16,890,481	8,932,697	19,591,251	9,717,460
Buttermilk .....	-	-	502,902	-	477,030
Whey cream (Lb. of Butterfat)		633,123	129,701	633,603	119,075
Chocolate milk .....	Gal.	1,858,290	882,881	1,402,732	699,742
Ice cream mix .....	Gal.	1,142,425	1,042,513	1,094,401	983,433
Sundry .....	-	-	881,463	-	1,150,876
TOTAL VALUE .....	-	-	45,660,110	-	47,158,434

Exports and Imports

(Compiled by the External Trade Branch)

5. - Exports of Canadian Dairy Products, 1938 and 1939.

Kind	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
			\$		\$
Milk, fresh .....	Gal.	2,470	880	3,138	1,102
Cream, fresh .....	"	7,354	16,741	1,590	3,182
Butter .....	Lb.	3,893,400	871,547	12,398,600	2,673,765
Cheese .....	"	80,989,100	11,874,223	90,944,800	12,248,650
Condensed milk .....	"	2,674,800	262,042	1,136,300	110,502
Evaporated milk .....	"	27,022,700	2,199,179	25,012,200	1,801,419
Whole milk powder .....	"	4,533,200	916,165	6,021,400	1,204,040
Skim milk powder .....	"	846,500	79,006	2,300,000	178,830
Casein .....	"	50	6	2,156	218
TOTAL MILK AND ITS PRODUCTS		-	16,219,789	-	18,221,708

6. - Imports into Canada of Dairy Products for Consumption, 1938 and 1939.

Kind	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
			\$		\$
Milk and cream, fresh .....	Gal.	8,346	3,527	3,437	1,619
Butter .....	Lb.	5,231,838	1,411,958	5,644	1,656
Cheese .....	"	1,386,645	311,635	1,396,713	377,867
Condensed milk .....	"	9,129	994	17,666	1,825
Milk powder .....	"	702,441	39,891	199,234	16,269
Casein .....	"	227,397	20,303	919,254	55,607
TOTAL MILK AND ITS PRODUCTS		-	1,788,308	-	454,843

(a) Does not include ice cream made in the ice cream industry or the confectionery industry.

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