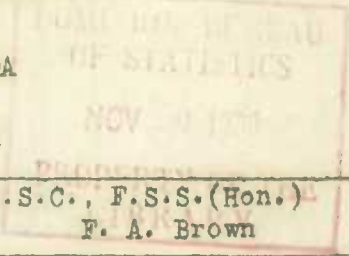


Published by Authority of the Hon. W. D. Euler, M.P.,
 Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
 Census of Industry
 Fisheries, Furs and Dairy Statistics Branch



C7

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
 Chief, Fisheries, Furs and Dairy Statistics Branch: F. A. Brown

PRODUCTION OF DAIRY FACTORIES, CANADA, 1938

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, in addition, statistics, by provinces and counties or districts, of such items as deliveries of milk and cream, amounts paid to patrons, capital, employees, salaries and wages, and related data.

Creamery Butter. - The quantity of creamery butter made during the year 1938 was 267,347,271 pounds, valued at \$66,534,568, an increase in quantity compared with the preceding year, of 20,290,525 pounds, or 8 per cent, and an increase in value of \$2,317,236, or 4 per cent. The average price per pound was 24.89 cents, compared with 25.99 cents in 1937. The position occupied by each province with respect to the total quantity produced in Canada in 1938 is shown by the following statement of percentages: Ontario, 32.8 per cent; Quebec, 29.8 per cent; 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. Increases in production, compared with the preceding year, are recorded for all provinces excepting Saskatchewan, which shows a decrease of 47,678 pounds. The highest average price per pound is recorded by Nova Scotia, with 27.76 cents.

Factory Cheese. - The production of factory cheese amounted to 123,971,308 pounds, valued at \$16,809,861, a decrease in quantity from the preceding year of 6,654,530 pounds, or 5 per cent, and a decrease in value of \$1,155,262, or 6 per cent. The average price per pound was 13.56 cents, compared with 13.75 cents in 1937. Ontario and Quebec, together, contribute 94 per cent to the total Canadian make, Ontario's share amounting to 87,593,430 pounds, or 71 per cent, and Quebec's to 28,569,124 pounds, or 23 per cent. Production is larger than in the preceding year in each of the prairie provinces and British Columbia, but decreases are shown in Ontario, Quebec, New Brunswick and Prince Edward Island. No factory cheese is produced in Nova Scotia.

Concentrated Milk. - The value of all items of concentrated milk, combined was \$11,844,817, compared with \$10,066,749 in 1937. Comprised in the total value for 1938 are the various items under the head of "concentrated whole milk", amounting to \$9,373,002, and the items classed as concentrated milk by-products, valued at \$2,471,815.

Miscellaneous Products of Dairy Factories. - Included in this classification are all products of dairy factories other than butter, cheese and concentrated milk. The chief items are ice cream, and milk and cream sold as such. The value of all items under this classification is \$45,660,110, compared with \$43,933,674 in 1937. Decreases are recorded in the quantity and value of ice cream made and of cream sold (expressed in pounds of butter fat), while increases are shown for milk sold.

Total Value of Output. - The total value of production of the dairy factory industry in 1938 was \$140,849,356, to which the production of creamery butter contributed 47 per cent; of factory cheese, 13 per cent; of concentrated milk products, 8 per cent; and of miscellaneous factory products, 33 per cent. The total value shows an increase of \$4,366,478, or 3 per cent, compared with the preceding year.

Number of Dairy Factories. - The number of dairy factories in operation during the year was 2,552, classified as follows: creameries, 1,344; cheese factories, 988; combined butter and cheese factories, 196; and concentrated milk factories, 24. Compared with the preceding year the total number shows a decrease of 6.

FOREIGN TRADE

Exports. - The value of exports of the Canadian dairy industry in 1938 was \$16,219,789, of which the export of cheese accounted for \$11,874,223, or 73 per cent. Second in importance is evaporated milk, the total of \$2,199,179 representing 14 per cent of the total export of dairy products. The total value of all dairy products exported shows a reduction from the preceding year of \$1,361,288, or 8 per cent.

Imports. - The dairy products imported into Canada, for consumption, had a total value of \$1,788,308, compared with \$462,098 in 1937. The increase is due to the larger imports of butter, of which 5,231,838 pounds were received in 1938, compared with 65,918 pounds in 1937.

17

Faint header text, possibly containing a title or address, mostly illegible due to fading.

First main paragraph of text, containing several lines of faint, illegible characters.

Second main paragraph of text, continuing the faint, illegible content.

Third main paragraph of text, with some faint markings and illegible text.

Fourth main paragraph of text, appearing as a block of faint, illegible characters.

Fifth main paragraph of text, continuing the faint, illegible content.

Sixth main paragraph of text, appearing as a block of faint, illegible characters.

1. - Production of Creamery Butter in Canada, by Provinces, 1937 and 1938.

Province		Quantity	Value	Average Price
		lb.	\$	per pound ¢
Prince Edward Island	- 1937	2,131,508	571,970	26.83
	- 1938	2,557,447	656,774	25.68
Nova Scotia	- 1937	5,874,068	1,677,460	28.56
	- 1938	6,716,643	1,864,528	27.76
New Brunswick	- 1937	3,623,787	952,143	26.27
	- 1938	4,521,525	1,161,741	25.69
Quebec	- 1937	74,557,923	19,390,003	26.01
	- 1938	79,753,453	19,577,024	24.55
Ontario	- 1937	81,396,261	22,029,642	27.06
	- 1938	87,754,355	23,125,733	26.35
Manitoba	- 1937	24,343,485	5,954,436	24.46
	- 1938	25,703,684	6,165,637	23.99
Saskatchewan	- 1937	23,571,938	5,685,510	24.12
	- 1938	23,524,260	5,321,115	22.62
Alberta	- 1937	26,323,562	6,443,107	24.48
	- 1938	31,242,357	7,157,624	22.91
British Columbia	- 1937	5,234,214	1,512,061	28.89
	- 1938	5,568,517	1,504,072	27.01
TOTAL FOR CANADA	- 1937	247,056,746	64,217,332	25.99
	- 1938	267,347,271	66,534,568	24.89

2. - Production of Factory Cheese in Canada, by Provinces, 1937 and 1938.

Province		Quantity	Value	Average Price
		lb.	\$	per pound ¢
Prince Edward Island	- 1937	462,583	64,705	14.02
	- 1938	449,957	62,528	13.90
Nova Scotia	- 1937	-	-	-
	- 1938	-	-	-
New Brunswick	- 1937	597,162	84,668	14.18
	- 1938	552,589	76,415	13.83
Quebec	- 1937	30,352,479	4,128,268	13.59
	- 1938	28,569,124	3,822,843	13.38
Ontario	- 1937	93,867,645	12,932,563	13.78
	- 1938	87,593,430	11,899,714	13.59
Manitoba	- 1937	2,923,873	394,773	13.50
	- 1938	3,374,802	448,123	13.40
Saskatchewan	- 1937	343,449	50,709	14.76
	- 1938	419,404	59,973	14.30
Alberta	- 1937	1,338,589	267,802	14.57
	- 1938	2,451,821	348,404	14.21
British Columbia	- 1937	231,058	41,635	18.02
	- 1938	590,781	91,861	15.55
TOTAL FOR CANADA	- 1937	130,625,838	17,965,123	13.75
	- 1938	123,971,308	16,809,861	13.56

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".

Table 1. Summary of the results of the survey of the fish fauna of the ...

Order	Family	Species	Number of specimens	Percentage of total
Pisces	Cyprinidae	<i>Carassius auratus</i>	120	12.0
		<i>Cyprinus carpio</i>	80	8.0
		<i>Goldfish</i>	100	10.0
		<i>Common carp</i>	150	15.0
		<i>Whitefish</i>	200	20.0
		<i>Bluegill</i>	180	18.0
		<i>Yellow perch</i>	160	16.0
		<i>Rock bass</i>	140	14.0
		<i>Striped bass</i>	120	12.0
		<i>Brook trout</i>	100	10.0
Pisces	Percidae	<i>Perca fluviatilis</i>	110	11.0
		<i>Micropterus dolomieu</i>	90	9.0
		<i>Lepomis gibbosus</i>	130	13.0
		<i>Stizostedion regium</i>	170	17.0
		<i>Walleye</i>	210	21.0
		<i>Smallmouth bass</i>	190	19.0
		<i>Chain pickerel</i>	150	15.0
		<i>Spottail shiner</i>	130	13.0
		<i>White perch</i>	110	11.0
		<i>Atlantic croaker</i>	90	9.0
Pisces	Serranidae	<i>Salmo trutta</i>	100	10.0
		<i>Salmo gairdneri</i>	80	8.0
		<i>Salmo trutta</i>	120	12.0
		<i>Salmo gairdneri</i>	160	16.0
		<i>Salmo trutta</i>	200	20.0
		<i>Salmo gairdneri</i>	240	24.0
		<i>Salmo trutta</i>	280	28.0
		<i>Salmo gairdneri</i>	320	32.0
		<i>Salmo trutta</i>	360	36.0
		<i>Salmo gairdneri</i>	400	40.0
Total			1000	100.0

Table 2. Summary of the results of the survey of the fish fauna of the ...

Order	Family	Species	Number of specimens	Percentage of total
Pisces	Cyprinidae	<i>Carassius auratus</i>	130	13.0
		<i>Cyprinus carpio</i>	90	9.0
		<i>Goldfish</i>	110	11.0
		<i>Common carp</i>	160	16.0
		<i>Whitefish</i>	210	21.0
		<i>Bluegill</i>	190	19.0
		<i>Yellow perch</i>	170	17.0
		<i>Rock bass</i>	150	15.0
		<i>Striped bass</i>	130	13.0
		<i>Brook trout</i>	110	11.0
Pisces	Percidae	<i>Perca fluviatilis</i>	120	12.0
		<i>Micropterus dolomieu</i>	100	10.0
		<i>Lepomis gibbosus</i>	140	14.0
		<i>Stizostedion regium</i>	180	18.0
		<i>Walleye</i>	220	22.0
		<i>Smallmouth bass</i>	200	20.0
		<i>Chain pickerel</i>	160	16.0
		<i>Spottail shiner</i>	140	14.0
		<i>White perch</i>	120	12.0
		<i>Atlantic croaker</i>	100	10.0
Pisces	Serranidae	<i>Salmo trutta</i>	110	11.0
		<i>Salmo gairdneri</i>	90	9.0
		<i>Salmo trutta</i>	130	13.0
		<i>Salmo gairdneri</i>	170	17.0
		<i>Salmo trutta</i>	210	21.0
		<i>Salmo gairdneri</i>	250	25.0
		<i>Salmo trutta</i>	290	29.0
		<i>Salmo gairdneri</i>	330	33.0
		<i>Salmo trutta</i>	370	37.0
		<i>Salmo gairdneri</i>	410	41.0
Total			1000	100.0

The data were collected from the ...

3. - Production of Concentrated Milk, Canada, 1937 and 1938.

Kind	1 9 3 7		1 9 3 8	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Concentrated Whole Milk Products:				
Condensed milk -				
Case goods	7,532,035	686,868	5,549,081	504,256
Bulk goods	3,863,645	317,699	3,682,431	335,920
Evaporated milk -				
Case goods	91,016,590	6,144,445	105,373,408	7,518,001
Bulk goods	314,125	16,697	346,200	14,178
Whole milk powder	5,454,997	833,480	6,587,432	992,129
Cream powder	36,336	12,962	28,613	8,518
TOTAL	108,217,728	8,012,151	121,567,165	9,373,002
Concentrated Milk By-Products:				
Condensed skim milk	4,999,582	259,911	4,540,922	234,421
Evaporated skim milk	726,993	19,524	850,313	20,557
Skim milk powder	18,492,326	1,422,768	25,545,231	1,882,353
Sugar of milk	188,276	11,296	304,516	15,226
Buttermilk powder	2,542,081	147,230	3,051,303	155,523
Condensed buttermilk	576,914	11,916	595,757	17,395
Casein	1,572,314	181,953	1,468,686	146,340
TOTAL	29,098,486	2,054,598	36,356,728	2,471,815

4. - Miscellaneous Products of Dairy Factories, Canada, 1937 and 1938.

Kind	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Value	Quantity	Value
			\$		\$
Whey Butter	Lb.	1,810,579	409,890	1,810,818	389,705
Ice cream (a)	Gal.	5,538,554	6,689,083	5,351,747	6,502,096
Milk sold	Gal.	64,348,212	25,231,572	68,972,074	26,396,152
Cream sold (Lb. of Butterfat)		17,566,876	9,008,601	16,890,481	8,932,697
Buttermilk	-	-	522,819	-	502,902
Whey cream (Lb. of Butterfat)		671,315	146,620	633,123	129,701
Chocolate milk	Gal.	1,618,998	759,493	1,856,290	882,881
Ice cream mix	Gal.	623,292	491,748	1,142,425	1,042,513
Sundry	-	-	673,848	-	881,463
TOTAL VALUE ...	-	-	43,933,674	-	45,660,110

Exports and Imports

(Compiled by the External Trade Branch)

5. - Exports of Canadian Dairy Products, 1937 and 1938.

Kind	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Value	Quantity	Value
			\$		\$
Milk, fresh	Gal.	5,264	1,858	2,470	880
Cream, fresh	"	110,479	195,021	7,354	16,741
Butter	Lb.	4,096,600	1,147,274	3,893,400	871,547
Cheese	"	88,955,300	13,062,330	80,989,100	11,874,223
Condensed milk	"	4,131,100	504,270	2,674,800	262,042
Evaporated milk	"	24,841,400	1,835,838	27,022,700	2,199,179
Whole milk powder	"	4,309,800	834,023	4,533,200	916,165
Skim milk powder	"	-	-	846,500	79,006
Casein	"	3,302	463	50	6
TOTAL MILK AND ITS PRODUCTS		-	17,581,077	-	16,219,789

6. - Imports into Canada of Dairy Products for Consumption, 1937 and 1938.

Kind	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Value	Quantity	Value
			\$		\$
Milk and cream, fresh ...	Gal.	5,446	3,126	8,346	3,527
Butter	Lb.	65,918	15,724	5,231,838	1,411,958
Cheese	"	1,410,336	327,565	1,386,645	311,635
Condensed milk	"	36,268	3,266	9,129	994
Milk powder	"	950,734	62,377	702,441	39,891
Casein	"	401,902	50,040	227,397	20,303
TOTAL MILK AND ITS PRODUCTS		-	462,098	-	1,788,308

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



1010753417