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ADVANCE REPORT
on the
PRODUCTION OF DAIRY FACTORIES
in
CANADA
1931

Published by Authority of the Hon. H. H. Stevens, M.P.,
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DEPARTMENT OF THE ARMY
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WASHINGTON, D. C.

ADVANCE REPORT

on the

PRODUCTION OF DRY ICE

BY

1931

Published by

Issued July, 1932.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
OTTAWA - CANADA

Dairy Factory Statistics Section.

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ADVANCE REPORT ON THE PRODUCTION OF DAIRY FACTORIES, CANADA, 1931.

Creamery Butter. - The production of creamery butter in Canada in 1931 amounted to 225,802,635 pounds, valued at \$50,168,738, compared with 185,751,061 pounds, valued at \$56,670,504 in 1930. The decrease in value is due to the lower prices prevailing in 1931, the average price per pound having dropped from 30.51 cents in 1930 to 22.22 cents in 1931. The quantity of creamery butter produced in 1931 is the largest ever recorded by the dairying industry of Canada and exceeds the previous high year -- 1930 -- by 40,051,574 pounds, or 22 per cent. Ontario and Quebec are fairly close in the size of production in 1931, the former province with 77,366,710 pounds and the latter with 69,653,540 pounds. The relative position of each province with respect to the total output of creamery butter in Canada in 1930 and 1931 is shown by the following percentages, the figures for 1930 being placed within brackets: Ontario, 34 p.c. (35); Quebec, 31 p.c. (33); Alberta, 10 p.c. (10); Manitoba, 9 p.c. (8); Saskatchewan, 8 p.c. (7); Nova Scotia, 3 p.c. (3); British Columbia, 3 p.c. (2); and New Brunswick and Prince Edward Island, each 1 p.c. (1). All of the provinces show increased production compared with 1930. The highest price per pound for creamery butter in 1931 is recorded by British Columbia with 27.29 cents, and the lowest by Alberta with 20.52 cents.

Factory Cheese. - The factory output of cheese in 1931 amounted to 113,704,109 pounds, valued at \$12,796,616, a decrease in quantity from the preceding year of 5,401,094 pounds, or 4½ per cent, and a decrease in value of \$5,293,254, or 29 per cent. The average price per pound dropped from 15.19 cents in 1930 to 11.25 cents in 1931. Ontario is the big producer among the provinces for factory cheese, its output in 1931 totalling 84,229,045 pounds, or 74 per cent of the total make for Canada. Quebec is second in importance, with a production of 25,907,691 pounds. Ontario shows an increase over 1930 of 2,906,434 pounds. Saskatchewan, Alberta and British Columbia also increased their output. The Quebec make was less than in 1930 by 8,151,989 pounds.

Concentrated Milk Products. - The value of these products, comprising condensed and evaporated milk, milk powder, etc., in 1931 was \$7,067,481, compared with \$9,955,563 in 1930. The principal items in order of value in 1931 were evaporated milk, \$3,523,584; condensed milk, \$1,562,710; and skim milk powder, \$1,089,141. Nearly all items show decreases compared with the preceding year, the exceptions being whole milk powder and buttermilk powder, for which increases are recorded.

Miscellaneous Factory Products. - Under this head are included products of dairy factories other than butter, cheese and concentrated milk. The principal items are milk and cream sold, and ice cream. Other items include whey butter, buttermilk, whey cream and ice cream mix. The total value of all miscellaneous factory products in 1931 was \$34,606,815, compared with \$41,907,595 in 1930.

Number of Dairy Factories. - There were 2,696 dairy factories in operation in Canada in 1931, comprising 1,344 creameries, 1,142 cheese factories, 184 combined butter and cheese factories, and 26 concentrated milk plants. The total number shows a decrease of 28 compared with 1930.

Total Output. - The value of all products of dairy factories in 1931 was \$104,639,650, compared with \$126,623,532 in 1930.

FOREIGN TRADE

Imports. - The value of imports of dairy products into Canada dropped from \$12,975,208 in 1930 to \$1,329,126 in 1931, the decrease being due to the reduction in the butter imports - \$12,393,662 in 1930 and \$832,531 in 1931.

Exports. - Canadian dairy products exported in 1931 had a total value of \$15,235,541, of which \$10,594,917 is credited to cheese and \$2,329,853 to butter. The quantity of butter exported increased over 1930 by 805 per cent, and the quantity of cheese by 6 per cent.

1. Production of Creamery Butter, by Provinces, 1930 and 1931.

		Quantity lb.	Value \$	Average price per lb. cents
Prince Edward Island	- 1930	1,746,099	567,825	32.52
	- 1931	2,041,136	485,472	23.78
Nova Scotia	- 1930	4,733,579	1,574,254	33.26
	- 1931	5,867,920	1,510,560	25.74
New Brunswick	- 1930	2,059,675	669,209	32.49
	- 1931	2,438,677	614,463	25.20
Quebec	- 1930	60,746,665	17,851,545	29.39
	- 1931	69,653,540	14,970,698	21.49
Ontario	- 1930	64,898,291	20,593,397	31.73
	- 1931	77,366,710	17,996,807	23.26
Manitoba	- 1930	15,786,896	4,666,746	29.56
	- 1931	21,078,073	4,370,195	20.73
Saskatchewan	- 1930	13,920,561	4,307,967	30.95
	- 1931	18,960,352	4,025,100	21.23
Alberta	- 1930	17,716,744	4,968,227	28.04
	- 1931	22,957,922	4,711,231	20.52
British Columbia	- 1930	4,142,551	1,471,334	35.52
	- 1931	5,438,305	1,484,212	27.29
Total for Canada	- 1930	185,751,061	56,670,504	30.51
" " "	- 1931	225,802,635	50,168,738	22.22

2. Production of Factory Cheese, by Provinces, 1930 and 1931.

		Quantity lb.	Value \$	Average price per lb. cents
Prince Edward Island	- 1930	870,580	129,433	14.87
	- 1931	473,242	54,400	11.41
Nova Scotia	- 1930	-	-	-
	- 1931	-	-	-
New Brunswick	- 1930	606,956	98,422	16.22
	- 1931	528,002	62,355	11.81
Quebec	- 1930	34,059,680	5,106,866	14.99
	- 1931	25,907,691	2,905,855	11.22
Ontario	- 1930	81,322,611	12,372,397	15.21
	- 1931	84,229,045	9,448,051	11.22
Manitoba	- 1930	504,490	86,614	17.17
	- 1931	454,351	61,324	13.50
Saskatchewan	- 1930	140,701	23,383	16.62
	- 1931	320,305	39,200	12.24
Alberta	- 1930	1,035,352	175,392	16.94
	- 1931	1,040,588	118,390	11.38
British Columbia	- 1930	564,833	97,363	17.23
	- 1931	750,885	107,041	14.26
Total for Canada	- 1930	119,105,203	18,089,870	15.19
	- 1931	113,704,109	12,796,616	11.25

3. Concentrated Milk Products, Canada, 1930 and 1931.

	1930		1931	
	Pounds	Value	Pounds	Value
		\$		\$
Condensed milk	23,360,455	2,444,033	15,485,643	1,562,710
Condensed skim milk	9,141,840	469,010	4,403,253	233,304
Evaporated milk	57,630,875	4,997,590	45,953,727	3,523,584
Whole milk powder	2,354,222	481,071	2,412,621	477,215
Skim milk powder	14,307,056	1,278,250	12,978,428	1,089,141
Cream powder	90,134	45,067	36,903	18,648
Buttermilk powder	687,297	47,700	1,043,493	56,707
Condensed buttermilk	777,889	33,198	468,306	14,644
Condensed coffee	200,394	30,800	169,707	23,200
Casein	1,095,960	112,326	776,656	60,549
Sugar of milk	204,613	16,518	125,179	7,779
Total Value	-	9,955,563	-	7,067,481

4. Miscellaneous Products of Dairy Factories, Canada, 1930 and 1931.

		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Whey butter	Lb.	1,397,513	379,345	1,379,696	256,936
Ice cream	gal.	7,078,039	9,600,688	6,256,987	8,512,258
Milk sold x	"	44,956,336	20,332,269	41,948,524	17,032,950
Cream sold x	(lb. b. fat)	16,767,448	10,225,844	13,582,351	7,559,740
Buttermilk		-	397,800	-	333,403
Whey cream	(lb. b. fat)	760,483	191,201	774,353	125,045
Ice cream mix	gal.	387,132	376,868	376,356	372,463
Sundry xx		-	403,580	-	414,020
Total Value		-	41,907,595	-	34,606,815

x Exclusive of Quebec for which figures are not available.

xx Comprises skim milk cheese, skim milk, whey, etc.

IMPORTS AND EXPORTS

(Compiled by the External Trade Branch).

5. Imports into Canada of Dairy Products for Home Consumption, 1930 and 1931.

		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Milk and cream, fresh	gal.	17,225	17,010	15,771	15,275
Butter	lb.	38,606,055	12,393,662	2,821,317	832,531
Cheese	"	1,787,776	500,522	1,446,147	403,958
Milk, condensed	"	164,325	42,985	148,096	42,614
Casein	"	178,006	21,029	135,855	8,313
Milk powdered	"	-	-	169,270	26,435
Total Milk and its Products		-	12,975,208	-	1,329,126

6. Exports of Canadian Dairy Products, 1930 and 1931.

		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Milk, fresh	gal.	1,475,618	309,011	473,867	77,023
Cream, fresh	"	1,269,721	2,468,216	71,264	134,229
Butter	lb.	1,180,400	410,447	10,680,500	2,329,853
Cheese	"	80,163,700	13,207,021	84,788,400	10,594,917
Milk, evaporated	"	8,489,300	980,269	6,251,800	543,499
Milk powder	"	4,730,400	592,545	5,746,000	586,190
Milk, condensed	"	11,981,200	1,375,432	8,206,400	968,336
Casein	"	188,013	18,290	19,050	1,494
Total Milk and its Products		-	19,361,231	-	15,235,541

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