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 Chief, Fisheries, Furs and Dairy Statistics Branch: F. A. Brown

PRODUCTION OF CONCENTRATED MILK, CANADA, DECEMBER, 1939.

Statistics of the production of concentrated milk in Canada in December, 1939, are based on returns from the 60 firms whose factories manufactured during the month any of the various items embraced in the classification of "concentrated milk", i.e., condensed whole milk and condensed skim milk, evaporated whole milk and evaporated skim milk, whole milk powder and skim milk powder, etc.

Production.- The quantity of concentrated milk (comprising all items) made during the month amounted to 11,307,016 pounds, compared with a total of 8,450,446 pounds in December, 1938. Evaporated milk, the principal item, records a total of 8,247,103 pounds, compared with 8,294,160 pounds in December of the preceding year.

Cumulative Production.- The output of concentrated milk for the twelve months ended December 31, 1939, as based on the monthly returns, was 166,596,841 pounds, compared with 161,086,445 pounds in 1938.

Statistics of production, imports and exports and storage holdings are presented in the following tables.

1. Concentrated Milk Production for December, 1939, with Comparative Statistics for November, 1939 and December, 1938.

Kind	December, 1939 Lb.	November, 1939 Lb.	December, 1938 Lb.
<u>Concentrated Whole Milk Products</u>			
Condensed whole milk (sweetened)			
Case goods	217,766	148,123	306,974
Bulk goods	251,222	355,498	211,945
Evaporated whole milk (unsweetened)			
Case goods	8,216,038	9,010,013	5,272,071
Bulk goods	31,065	45,010	22,089
Whole milk powder:			
Spray process	344,759	341,983)	433,352
Roller process	89,106	150,863)	
Cream powder	-	-	2,574
Total	9,149,956	10,051,490	6,249,005
<u>Concentrated Milk By-Products</u>			
Condensed skim milk	262,298	280,165	358,526
Evaporated skim milk	52,132	54,248	33,249
Skim milk powder:			
Spray process	748,500	843,587)	1,420,613
Roller process	594,868	473,008)	
Sugar of milk	12,030	20,856	12,401
Buttermilk powder	250,621	183,179	275,798
Condensed buttermilk	195,824	114,409	43,314
Casein	40,787	55,815	57,540
Total	2,157,060	2,025,267	2,201,441

The following table shows the results of the survey conducted in the year 1950. The data is presented in the form of a table with columns for the different categories and rows for the various items. The total number of items surveyed is 1000.

Category	Item 1	Item 2	Item 3	Item 4	Item 5
Group A	100	200	300	400	500
Group B	150	250	350	450	550
Group C	200	300	400	500	600
Group D	250	350	450	550	650
Group E	300	400	500	600	700
Group F	350	450	550	650	750
Group G	400	500	600	700	800
Group H	450	550	650	750	850
Group I	500	600	700	800	900
Group J	550	650	750	850	950
Group K	600	700	800	900	1000

Category	Item 1	Item 2	Item 3	Item 4	Item 5
Group L	650	750	850	950	1000
Group M	700	800	900	1000	1100
Group N	750	850	950	1050	1150
Group O	800	900	1000	1100	1200
Group P	850	950	1050	1150	1250
Group Q	900	1000	1100	1200	1300
Group R	950	1050	1150	1250	1350
Group S	1000	1100	1200	1300	1400
Group T	1050	1150	1250	1350	1450
Group U	1100	1200	1300	1400	1500
Group V	1150	1250	1350	1450	1550
Group W	1200	1300	1400	1500	1600
Group X	1250	1350	1450	1550	1650
Group Y	1300	1400	1500	1600	1700
Group Z	1350	1450	1550	1650	1750

2. Cumulative Production of Concentrated Milk for the Twelve Months ended December 31, 1939 with Comparative Statistics for the Twelve Months ended December 31, 1938.

Kind	Twelve Months Ended December 31,	
	1939 Lb.	1938 Lb.
<u>Concentrated Whole Milk Products</u>		
Condensed whole milk (sweetened)		
Case goods	4,039,391	5,574,375
Bulk goods	3,756,464	4,112,057
Evaporated whole milk (unsweetened):		
Case goods	116,064,211	104,966,722
Bulk goods	478,525	625,728
Whole milk powder:		
Spray process	5,504,871)	
Roller process	1,809,479)	6,794,942
Cream powder	21,961	28,613
Total	131,674,902	122,102,437
<u>Concentrated Milk By-Products</u>		
Condensed skim milk	3,051,925	5,014,492
Evaporated skim milk	969,758	670,346
Skim milk powder:		
Spray process	14,705,119)	
Roller process	8,843,386)	25,920,745
Sugar of milk	275,237	298,504
Buttermilk powder	3,957,553	4,338,631
Condensed buttermilk	1,493,677	1,243,033
Casein	1,625,284	1,498,257
Total	34,921,939	38,984,008

3. Imports and Exports of Concentrated Milk Products, December, 1939, with comparative Statistics for November, 1939 and December, 1938 (a)

Kind	Quantity Imported			Quantity Exported		
	December 1939	November 1939	December 1938	December 1939	November 1939	December 1938
	Lb. (b)	Lb.	Lb.	Lb.	Lb.	Lb.
Condensed milk ...	(b)	-	125	80,700	107,100	113,200
Evaporated milk ..	-	-	-	1,697,300	3,707,800	781,500
Whole milk powder.	(b)	3,346	-	173,700	580,800	314,900
Skim milk powder..	-	-	-	24,000	62,000	183,800
Casein	(b)	85,108	1,755	-	-	-

4. Stocks (c) of Concentrated Milk in Cold Storages, Warehouses, and Dairy Factories January 1, 1940 with Comparative Statistics for December 1, 1939 and January 1, 1939.

Kind	January 1, 1940	December 1, 1939	January 1, 1939
	Lb. (d)	Lb.	Lb.
<u>Concentrated Whole Milk Products -</u>			
Condensed whole milk	609,508	537,283	1,227,394
Evaporated whole milk	12,650,882	8,796,658	15,079,004
Whole Milk powder:			
Spray process	463,818	372,996	1,357,482
Roller process	63,464	65,116	27,959
Cream powder	3,324	3,876	7,860
Total	13,790,996	9,775,929	17,699,699
<u>Concentrated Milk By-Products</u>			
Condensed skim milk	142,884)		449,789
Evaporated skim milk	10,059)	125,796	8,797
Skim milk powder:			
Spray process	2,025,545	1,887,923	3,956,137
Roller process in bags	413,880	571,930	1,363,386
" " " bbls.	909,909	913,386	974,579
Buttermilk powder	478,649	577,102	1,320,394
Casein	308,940	277,225	428,134
Total	4,289,866	4,353,362	8,501,216

- (a) External Trade Report - "Imports and Exports of Milk and Its Products and Eggs".
- (b) Not yet available.
- (c) Owned and held by and or for manufactures.
- (d) Agricultural Branch - Revised to date of January 19, 1940.

... 1950 ... 1951 ... 1952 ...

1950	1951	1952
1,100,000	1,150,000	1,200,000
1,200,000	1,250,000	1,300,000
1,300,000	1,350,000	1,400,000
1,400,000	1,450,000	1,500,000
1,500,000	1,550,000	1,600,000
1,600,000	1,650,000	1,700,000
1,700,000	1,750,000	1,800,000
1,800,000	1,850,000	1,900,000
1,900,000	1,950,000	2,000,000
2,000,000	2,050,000	2,100,000
2,100,000	2,150,000	2,200,000
2,200,000	2,250,000	2,300,000
2,300,000	2,350,000	2,400,000
2,400,000	2,450,000	2,500,000

... 1953 ... 1954 ... 1955 ...

1953	1954	1955
2,500,000	2,550,000	2,600,000
2,600,000	2,650,000	2,700,000
2,700,000	2,750,000	2,800,000
2,800,000	2,850,000	2,900,000
2,900,000	2,950,000	3,000,000
3,000,000	3,050,000	3,100,000
3,100,000	3,150,000	3,200,000
3,200,000	3,250,000	3,300,000
3,300,000	3,350,000	3,400,000
3,400,000	3,450,000	3,500,000
3,500,000	3,550,000	3,600,000
3,600,000	3,650,000	3,700,000
3,700,000	3,750,000	3,800,000
3,800,000	3,850,000	3,900,000
3,900,000	3,950,000	4,000,000

... 1956 ... 1957 ... 1958 ...

The following statement shows the quantity and value of the various items of concentrated milk manufactured in the year 1938, as prepared from the annual returns of dairy factories. The differences shown between the cumulative for 1938 (table 2, page 2) and the annual figures of production for that year are due in part to the fact that those of the annual report are based on revised statements of the factory operators, and in part to the fact that the annual returns of a few producers of concentrated milk are made under industries other than dairy factories, while the cumulative statement includes the monthly returns of all plants manufacturing concentrated milk.

5. Production of Concentrated Milk in Dairy Factories, Canada, 1938.

Kind	1938	
	Quantity	Value
	Lb.	\$
Concentrated Whole Milk Products:		
Condensed milk -		
Case goods	5,549,081	504,256
Bulk goods	3,682,431	335,920
Evaporated milk -		
Case goods	105,373,408	7,518,001
Bulk goods	346,200	14,178
Whole milk powder	6,587,432	992,129
Cream powder	28,613	8,518
TOTAL	121,567,165	9,373,002
Concentrated Milk By-Products:		
Condensed skim milk	4,540,922	234,421
Evaporated skim milk	850,313	20,557
Skim milk powder	25,545,231	1,882,353
Sugar of milk	304,516	15,226
Buttermilk powder	3,051,303	155,523
Condensed buttermilk	595,757	17,395
Casein	1,468,686	146,340
TOTAL	36,356,728	2,471,815



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TABLE 1

Province	1980	1981	1982
Alberta	1,200,000	1,250,000	1,300,000
Saskatchewan	1,000,000	1,050,000	1,100,000
Manitoba	1,100,000	1,150,000	1,200,000
Ontario	1,500,000	1,550,000	1,600,000
Quebec	1,800,000	1,850,000	1,900,000
Atlantic	1,000,000	1,050,000	1,100,000
Total	7,600,000	7,750,000	7,900,000