

23-001

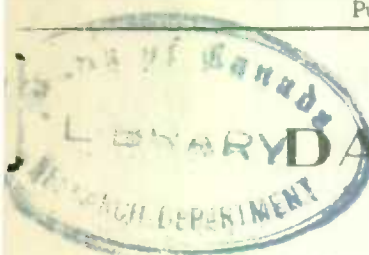
c.2



DOMINION BUREAU OF STATISTICS
Agriculture Division
OTTAWA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce



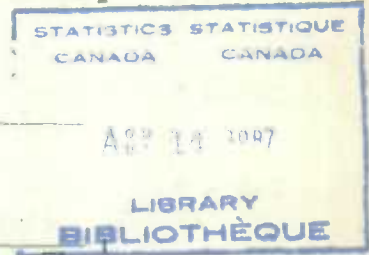
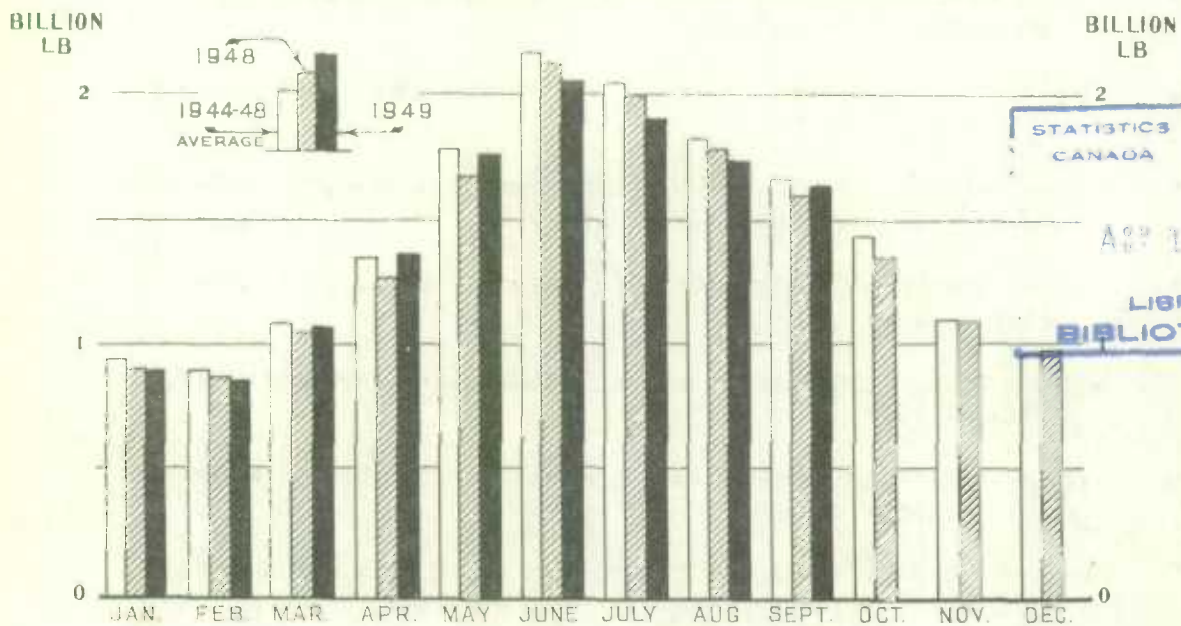
MONTHLY
DAIRY REVIEW OF CANADA
1949

Volume No. X, Report No. 10

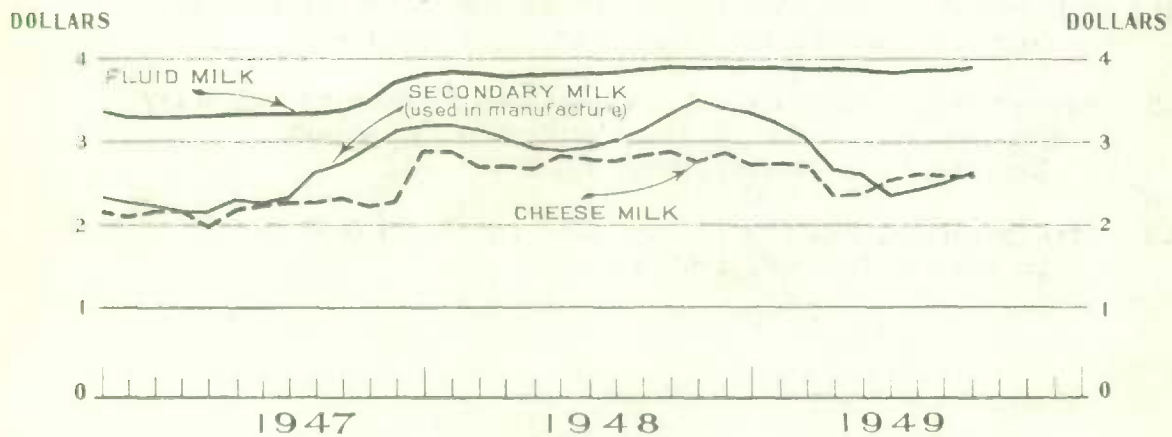
(OCTOBER)

Price \$2.00 per year

TOTAL MILK PRODUCTION IN CANADA



FARM PRICES OF FLUID MILK, SECONDARY MILK
AND CHEESE MILK
(DOLLARS PER HUNDRED LB.)



I N D E X

		Page
Text	The Dairy Situation in October	1
	Farm Milk Production, Utilization and Income in September, 1949	2
	Production and Prices of Dairy Products in September, 1949	3
Table 1	Production and Utilization of Milk, by Provinces, September, 1948 and 1949	4-5
Table 2	Production and Utilization of Milk, by Provinces, January-September, 1948 and 1949	6-7
Table 3	Utilization of Milk in Percentages of Total Production, September, 1948 and 1949	8
Table 4	Farm Cash Income from Dairying and Average Price per Unit, September, 1948 and 1949	9
Table 5	Dairy Butter Production, May to September with Cumulative Data, January to September, 1948 and 1949	10
Table 6	Butter Supply and Disposition in Canada, January-September, 1945 to 1949	11
Table 7	Cheese Supply and Disposition in Canada, January-September, 1945 to 1949	12
Table 8	Concentrated Milk Supply and Disposition in Canada, September and January-September, 1945 to 1949	13
Table 9	Concentrated Milk - Principal Products - Supply and Disposition in Canada, September and January-September, 1945 to 1949	14
Table 10	Whey Butter, Other Cheese and Ice Cream, Production in Canada, January-September, 1945 to 1949	15
Table 11	Butter-fat and Milk Equivalent of Factory Dairy Production, September and January-September, 1948 and 1949	15
Table 12	Percentages of Cows Milked, Percentages Freshening and Dairy Production of Milk per Cow, by Provinces, August, September and October, 1948 and 1949	16
Table 13	Precipitation, Temperature and Sunshine at 25 Stations in Canada, October, 1948 and 1949	17

THE DAIRY SITUATION IN OCTOBER

Conditions in October were particularly favourable for dairying. The warm autumn weather made it possible for dairy herds to remain on pastures or harvest fields for practically the entire month. The precipitation was comparatively light, but temperatures ranged from 2 to 3 degrees higher than those of the previous October and the hours of sunshine were considerably greater than those of a year ago.

Pastures in the Eastern Provinces made a marked recovery in September, and with warm weather in the month of October the aftermath on harvest fields and meadow lands supplied cattle with excellent forage. In the Prairie Provinces the rains came too late in the season to help pastures, but the after-harvest growth on grain fields provided good forage. Dairy herds were permanently stabled in the Eastern Provinces about the end of October, and on or about October 20th in the Prairie Provinces. On account of the excellent pasture conditions farmers did less than the usual amount of supplementary feeding in October. However, by the end of the month 75 to 80 per cent of the feed was given to cows in barns. The November estimate of the Dominion Bureau of Statistics places the oat crop of Canada at 316,558,000 bushels representing a decrease of 42 million bushels as compared with the previous year. The barley crop at 120,383,000 bushels declined almost 35 million bushels. The hay and clover crop was estimated at 12,240,000 tons, alfalfa at 2,606,000 tons and fodder corn at 5,510,000 tons. The output of hay and clover was about one-quarter less than last year and alfalfa declined 416 thousand tons. Fodder corn, on the other hand, showed an increase of approximately one-half million tons; and in the Central Provinces farmers have put the crop to a good purpose by turning surplus quantities into ensilage. The tonnage of hay, though substantially reduced, was harvested and cured in better condition than in 1948. Besides, farmers have carried over surplus supplies from the previous year, which will help to meet the deficiency.

The number of milch cows reported on the farms of Dairy Correspondents on October 15th was again reduced, all provinces showing fewer cows than a year ago except Nova Scotia, Manitoba and British Columbia. It is possible, however, that large numbers of heifers coming into maturity may place the holdings of future months in closer alignment with those of the previous year. The numbers of cows milked on October 15th were also reduced compared with those of October 1948, but the percentage actually milking moved up to 76.1 per cent as against 74.6 per cent at the same date in 1948. Milch cows are still moving out, many of them for export to the United States. However, the export demand is less active this year and prices are somewhat lower than in 1948.

The farm output of milk continues at a high level. The average production of milk per farm as reported by Dairy Correspondents on October 15th indicated an increase of 2 per cent over that of the same month last year and the daily milk production per cow based on all cows in the herds was 16.5 pounds as against 14.7 pounds twelve months earlier. Based on those actually milked the average was 21.7 pounds as compared with 19.7 pounds. These figures represent gains of 12 per cent and 10 per cent, respectively. Another index to the situation may be found in the quantities of milk utilized in dairy factory production which normally accounts for about two-thirds of the total milk production of the Dominion. The October figures show an increase of almost 9 per cent compared with that represented in factory production in October, 1948. About 2 per cent more milk was used for creamery butter, while the substantial gain in cheddar cheese production was reflected in heavier milk deliveries to factories. On the other hand, concentrated milk products absorbed about one-fifth less milk than in October, 1948. A detailed analysis is presented in the table on the next page.

MILK EQUIVALENT OF DAIRY FACTORY PRODUCTS - OCTOBER AND JANUARY - OCTOBER
1948 AND 1949 *

Product	OCTOBER			JANUARY - OCTOBER		
	1948	1949	Percentage Change	1948	1949	Percentage Change
	'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	570,707	582,071	+ 2.0	5,999,299	5,931,585	- 1.1
Factory Cheese	75,681	134,070	+ 77.2	939,671	1,151,764	+ 22.6
Concentrated Milk Products	69,952	57,444	- 17.9	711,350	612,752	- 13.9
Ice Cream	20,820	27,540	+ 32.3	326,055	393,328	+ 20.6
TOTAL	737,160	801,125	+ 8.7	7,976,375	8,089,429	+ 1.4

* Source: Monthly Report of Dairy Factory Production, published by the Dominion Bureau of Statistics.

FARM MILK PRODUCTION, UTILIZATION AND INCOME IN SEPTEMBER, 1949

Farm Milk Production: The estimated quantity of milk produced on farms in September amounted to 1,635 million pounds, an increase of 46 million pounds over that of September, 1948. Of this amount, 1,014 million pounds or 62 per cent of the total was utilized in factory production. The quantity used by dairy factories in September showed an increase of 46 million pounds over that of September, 1948. During the January-September period of 1949 the estimated production of 13,318 million pounds represents an increase of 123 million pounds over the total shown for the nine-month period of the previous year. The quantity of milk utilized for factory production in January-September amounted to 7,293 million pounds, while fluid sales accounted for 3,054 million pounds.

Fluid Sales: Sales of fluid milk and cream, the latter expressed as milk, amounted to 329,700,000 pounds in September, an increase of approximately 5 million pounds in comparison with last year. This included about 277 million pounds of fluid milk, comprising about 17 per cent of the farm milk supply, and fluid cream sales of 52 million pounds representing 3 per cent of the total milk output.

Dairy Butter: The September dairy butter make amounted to 3,963,000 pounds representing a decrease of 21 per cent from the corresponding month in 1948. During the January-September period the total of 41,478,000 pounds was 10 per cent below the production for the corresponding period of 1948. All Provinces contributed to the decline in September, while a reduction during the nine-month period was shown by all Provinces except New Brunswick, Quebec and Ontario.

Farm Cash Income: Cash income from the sale of dairy products in September amounted to \$34,938,000. This represented a reduction of approximately \$3,535,000 from last year. The weighted average price of \$2.58 per hundred pounds of milk may be compared with \$2.91 in the corresponding month of 1948. All prices showed a decrease

except fluid milk. Fluid milk at \$3.90 per hundred represented an advance of 3 cents per hundred above that of September, 1948. Fluid cream decreased 46 cents per hundred pounds of milk, and butter-fat used in the production of creamery butter fell from 72.4 cents to 60.4 cents per pound. Milk for concentration declined 51 cents per hundred pounds of milk, cheese milk was reduced by 23 cents and milk used in ice cream declined 45 cents per hundred as compared with the prices recorded in September, 1948.

PRODUCTION AND PRICES OF DAIRY PRODUCTS IN SEPTEMBER, 1949

Butter: Total butter production including creamery, dairy and whey butter amounted to 35 million pounds in September, 1949. This was 1 1/4 million pounds or approximately 3.3 per cent less than that produced in the same month of the previous year.

Stock Holdings: Holdings of butter in store and transit on October 1 amounted to 76 million pounds, approximately 22 million pounds more than last year. On September 1 the stock holdings were 70 1/2 million pounds as compared with 51 1/4 million pounds a year ago.

The Butter Supply: The quantity of butter represented by stocks on September 1 and production during the month amounted to 105 1/2 million pounds. This was a gain of approximately 17 3/4 million pounds over last year.

Domestic Disappearance: The domestic disappearance of butter in September including creamery, dairy and whey butter, amounted to 29 1/2 million pounds, a decline of 4 million pounds or 12.3 per cent. On a per capita basis the domestic disappearance amounted to 2.25 pounds as against 2.60 pounds a year ago. During the nine-month period of 1949 the disappearance of 232 million pounds represents a reduction from the previous year of 36 million pounds. This is partially due to the substitution of margarine, the domestic disappearance of which amounted to approximately 50 million pounds.

Butter Prices at Montreal: Butter prices at Montreal, based on quotations of the Canadian Commodity Exchange for first grade solids, averaged 58 7/8 cents per pound in September as against 68 1/2 cents last year.

Cheese Production: Cheese production including cheddar, farm-made cheese and factory cheese other than cheddar, amounted to 14 3/4 million pounds, representing an increase of about 3 3/4 million pounds as compared with that produced in the same month of the previous year.

Cheese Prices: The Montreal price of Ontario white cheese averaged 31 1/4 cents per pound in September. The comparative price in 1948 was 34 cents.

Concentrated Milk Products: The total quantity of concentrated milk products manufactured in September was approximately 34 million pounds, a decrease of 6 1/2 million pounds as compared with last year. Concentrated whole milk products declined almost 8 million pounds while milk by-products registered an increase of almost 1 1/2 million pounds. Evaporated milk, one of the most important of the whole milk products showed a decline of 6 1/2 million pounds and the production of skim milk powder, the leading skim milk product, declined 1/2 million pounds.

Ice Cream: The quantity of ice cream manufactured in September was approximately 2 million gallons or 719 thousand gallons less than that produced a year ago.

TABLE 1 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,
SEPTEMBER 1948 AND 1949

SECTION A

		Total Milk 1/ Production	Factory Production				Farm-Made Dairy Butter
			Creamery Butter	Factory Cheese	Conc. Milk	Ice Cream	
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	1,589,035	726,050	121,958	82,022	37,169	118,392
	1949	1,635,036	754,797	132,786	61,588	33,876	92,853
P.E.I.	1948	20,632	13,707	1,170	-	200	1,195
	1949	20,270	12,980	1,114	-	252	492
N.S.	1948	39,051	13,847	-	x/	2,401	8,177
	1949	36,621	14,199	-	x/	2,754	4,569
N.B.	1948	45,581	20,572	1,125	-	1,372	10,356
	1949	42,750	19,119	914	-	1,566	8,388
Que.	1948	505,043	287,955	20,687	30,111	7,002	18,205
	1949	531,134	303,817	40,925	19,895	5,706	15,534
Ont.	1948	506,152	164,361	93,409	41,073	16,119	13,683
	1949	530,454	172,538	114,421	32,409	12,816	13,097
Man.	1948	111,329	60,614	2,570	-	2,387	14,128
	1949	112,225	64,690	2,090	-	1,908	10,848
Sask.	1948	160,169	81,349	546	-	1,915	31,256
	1949	155,158	79,334	345	-	1,620	21,392
Alta.	1948	147,119	75,562	2,451	x/	2,358	18,018
	1949	150,124	77,694	2,977	x/	3,114	16,424
B.C.	1948	50,626	8,083	xx/	xx/	3,415	3,374
	1949	52,536	10,426	xx/	xx/	4,140	2,109

1/ Includes farm-made cheese not shown in this statement; but excludes cheese and concentrated milk products which do not appear separately by Provinces (see footnote "x" below). These products are included in the total for Canada.

x/ Since less than three reports were received, data are shown for Canada only.

xx/ Less than three reports received, but since two products manufactured in British Columbia are represented by reports from less than three firms, complete statistics are included in the Total Production in Section (A) and the Total Factory Production in Section (B) for this Province as well as for Canada.

TABLE 1 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,
SEPTEMBER 1948 AND 1949

SECTION B

		Milk Otherwise Used				Recapitulation		
		Fluid Milk '000 lb.	Fluid 1/ Cream '000 lb.	Farm-Home Consumed '000 lb.	Fed to Livestock '000 lb.	Factory 2/ Production '000 lb.	Farm 3/ Production '000 lb.	Otherwise Used '000 lb.
CANADA	1948	274,807	49,857	132,704	45,048	967,544	119,075	502,416
	1949	277,438	52,262	146,420	51,886	1,013,504	93,526	528,006
P.E.I.	1948	1,414	181	2,363	401	15,077	1,196	4,359
	1949	1,456	176	3,273	526	14,346	493	5,431
N.S.	1948	8,657	866	4,028	1,048	16,248	8,204	14,599
	1949	8,761	811	4,247	1,254	16,953	4,595	15,073
N.B.	1948	5,903	708	5,161	380	23,069	10,360	12,152
	1949	6,405	807	4,922	625	21,599	8,392	12,759
Que.	1948	88,855	15,697	27,770	8,733	345,755	18,233	141,055
	1949	90,663	16,027	29,525	9,015	370,343	15,561	145,230
Ont.	1948	110,550	15,343	42,516	8,953	314,962	13,828	177,362
	1949	108,228	16,770	47,607	12,425	332,184	13,240	185,030
Man.	1948	12,365	3,779	11,326	4,049	65,571	14,239	31,519
	1949	12,377	3,938	11,957	4,307	68,688	10,958	32,579
Sask.	1948	11,100	2,921	22,736	8,212	83,810	31,390	44,969
	1949	11,178	2,930	27,718	10,509	81,299	21,524	52,335
Alta.	1948	18,306	5,231	13,460	11,533	80,371	18,218	48,530
	1949	19,459	5,451	13,764	11,044	83,785	16,621	49,718
B.C.	1948	17,657	5,131	3,344	1,739	19,348	3,407	27,871
	1949	18,911	5,352	3,407	2,181	20,543	2,142	29,851

1/ Cream expressed as milk.

2/ Statistics for the separate provinces shown under this caption do not include data for products manufactured in those provinces indicated by foot-note "x" in section (A).

3/ Includes farm-made cheese, not separately shown in section (A).

TABLE 2 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,
January - September 1948 and 1949.

Section A

		Total Milk 1/ Production	Factory Production				Farm-Made Dairy Butter
			Creamery Butter	Factory Cheese	Conc. Milk	Ice Cream	
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	13,195,194	5,428,592	863,990	641,398	305,235	1,082,115
	1949	13,317,723	5,349,514	1,017,692	555,308	365,788	971,830
P. E. I.	1948	138,857	77,413	6,472	-	1,715	10,801
	1949	156,005	87,674	5,503	-	2,075	10,006
N. S.	1948	323,702	113,541	-	x/	17,520	48,758
	1949	322,002	113,380	-	x/	23,880	42,314
N. B.	1948	362,186	139,198	7,264	-	10,732	92,501
	1949	384,569	144,870	7,877	-	13,123	94,376
QUE.	1948	3,697,034	1,776,791	140,709	187,145	60,746	158,692
	1949	3,875,244	1,787,171	232,266	170,184	69,942	178,349
ONT.	1948	4,415,308	1,426,559	656,147	361,206	124,723	161,854
	1949	4,478,670	1,407,113	727,519	283,255	145,712	164,034
MAN.	1948	970,608	507,283	25,782	x/	19,506	118,462
	1949	938,293	485,913	16,343	x/	24,387	105,365
SASK.	1948	1,451,592	675,136	2,830	-	17,677	287,790
	1949	1,360,132	625,673	3,710	-	21,346	202,202
ALTA.	1948	1,314,965	630,642	24,786	x/	21,907	174,672
	1949	1,258,783	613,912	24,474	x/	28,383	151,848
B. C.	1948	489,053	82,029	xx/	xx/	30,709	28,585
	1949	507,587	83,808	xx/	xx/	36,940	23,336

1/ Includes farm-made cheese not shown in this statement; but excludes cheese and concentrated milk products which do not appear separately by Provinces (see footnote "x" below). These products are included in the total for Canada.

x/ Since less than three reports were received, data are shown for Canada only.

xx/ Less than three reports received, but since two products manufactured in British Columbia are represented by reports from less than three firms, complete statistics are included in the Total Milk Production in Section (A) and the Total Factory Production in Section (B) for this Province as well as for Canada.

TABLE 2 - MILK PRODUCTION AND UTILIZATION IN CANADA, BY PROVINCES,
January - September 1948 and 1949.

Section B

		Milk Otherwise Used				Recapitulation		
		Fluid Milk	Fluid 1/ Cream	Farm-Home Consumed	Fed to Livestock	Factory 2/ Production	Farm 3/ Production	Otherwise Used
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	2,506,212	506,263	1,212,402	638,684	7,243,369	1,088,264	4,863,561
	1949	2,549,715	503,995	1,289,849	703,442	7,292,833	977,889	5,047,001
P.E.I.	1948	15,064	1,861	18,469	7,053	85,600	10,810	42,447
	1949	14,501	1,753	26,323	8,761	95,252	10,015	51,338
N. S.	1948	85,802	9,624	36,953	11,262	131,061	49,000	143,641
	1949	86,019	8,605	36,520	11,048	137,260	42,550	142,192
N. B.	1948	51,606	6,932	44,439	9,481	157,194	92,534	112,458
	1949	53,969	6,666	48,560	15,092	165,870	94,412	124,287
QUE.	1948	803,521	163,164	256,899	149,117	2,165,391	158,942	1,372,701
	1949	817,114	160,842	269,929	189,204	2,259,563	178,592	1,437,089
ONT.	1948	1,011,381	152,145	366,616	153,397	2,568,635	163,134	1,683,539
	1949	1,024,319	154,898	418,422	152,133	2,563,599	165,299	1,749,772
MAN.	1948	108,983	34,044	101,816	53,751	552,571	119,443	298,594
	1949	111,502	34,092	102,317	57,406	526,643	106,333	305,317
SASK.	1948	102,762	31,580	218,601	114,034	695,643	288,972	466,977
	1949	103,270	29,420	237,143	136,202	650,729	203,368	506,035
ALTA.	1948	153,421	46,997	140,170	120,519	677,335	176,523	461,107
	1949	161,354	47,485	120,086	109,424	666,769	153,665	438,349
B.C.	1948	173,672	59,916	28,439	20,070	178,050	28,906	282,097
	1949	177,667	60,234	30,549	24,172	191,310	23,655	292,622

1/ Cream expressed as milk.

2/ Statistics for the separate provinces shown under this caption do not include data for products manufactured in those provinces indicated by foot-note "x" in section (A).

3/ Includes farm-made cheese, not separately shown in section (A).

Table 3. - UTILIZATION OF MILK IN PERCENTAGES OF TOTAL MILK PRODUCTION IN CANADA, BY PROVINCES, SEPTEMBER 1948 AND 1949.

Province	Year	Used in Manufacture			Total	Fluid Sales	Used on Farms	
		Creamery Butter	Factory Cheese	Conc. Milk & Ice Cream			Dairy Butter	Other Purposes
		%	%	%	%	%	%	%
CANADA	1948	45.70	7.68	7.50	60.88	20.44	7.45	11.23
	1949	46.18	9.96	5.84	61.98	20.17	5.68	12.17
P. E. I.	1948	66.44	5.67	0.97	73.08	7.73	5.79	13.40
	1949	64.03	5.50	1.24	70.77	8.05	2.43	18.75
N. S.	1948	35.45	-	6.15	41.60	24.39	20.94	13.07
	1949	38.77	-	7.52	46.29	26.14	12.48	15.09
N. B.	1948	45.13	2.47	3.01	50.61	14.50	22.72	12.17
	1949	44.72	2.14	3.66	50.52	16.87	19.62	12.99
QUE.	1948	57.02	4.10	7.35	68.47	20.70	3.60	7.23
	1949	57.20	7.71	4.82	69.73	20.09	2.92	7.26
ONT.	1948	32.47	18.46	11.30	62.23	24.87	2.70	10.20
	1949	32.53	21.57	8.53	62.63	23.56	2.47	11.34
MAN.	1948	54.45	2.31	2.14	58.90	14.50	12.69	13.91
	1949	57.64	1.86	1.70	61.20	14.54	9.67	14.59
SASK.	1948	50.79	0.34	1.20	52.33	8.75	19.51	19.41
	1949	51.13	0.22	1.05	52.40	9.09	13.79	24.72
ALTA.	1948	51.36	1.67	1.60	54.63	16.00	12.25	17.12
	1949	51.76	1.98	2.07	55.81	16.59	10.94	16.66
B. C.	1948	18.90	x/	7.98	26.88	53.27	7.89	11.96
	1949	22.40	x/	8.89	31.29	52.11	4.53	12.07

x/ Less than three reports received - Included in Canada total.

Table 4. - FARM CASH INCOME FROM DAIRYING AND AVERAGE PRICE PER UNIT
BY PROVINCES AND BY PRODUCTS, SEPTEMBER 1948 and 1949.

	Income		Price		Income		Price	
	1948	1949	1948	1949	1948	1949	1948	1949
	TOTAL INCOME				(1) FLUID SALES (Milk only)			
	\$'000	\$'000	\$	\$	\$'000	\$'000	\$	\$
CANADA	38,473	34,938	2.91	2.58	10,637	10,818	3.87	3.90
P.E.I.	460	364	2.74	2.27	48	53	3.40	3.62
N.S.	930	790	3.07	2.83	332	365	3.83	4.17
N.B.	960	785	2.93	2.55	242	261	4.10	4.07
Que.	13,497	12,380	2.92	2.58	3,421	3,491	3.85	3.85
Ont.	13,314	12,416	3.00	2.71	4,267	4,243	3.86	3.92
Man.	2,206	1,897	2.64	2.22	464	448	3.75	3.62
Sask.	2,636	2,089	2.56	2.18	385	393	3.47	3.52
Alta.	2,819	2,599	2.68	2.35	710	749	3.88	3.85
B. C.	1,558	1,540	3.64	3.40	768	815	4.35	4.31
	(2) FLUID CREAM				(3) MILK FOR CONCENTRATION			
CANADA	1,384	1,211	2.78	2.32	2,587	1,615	3.15	2.64
P.E.I.	5	5	2.72	2.64	-	-	-	-
N.S.	24	21	2.84	2.51	x	x	x	x
N.B.	22	23	3.06	2.89	-	-	-	-
Que.	430	375	2.74	2.34	988	523	3.28	2.63
Ont.	434	369	2.83	2.20	1,216	807	2.96	2.49
Man.	90	73	2.38	1.86	-	-	-	-
Sask.	71	62	2.43	2.10	-	-	-	-
Alta.	122	111	2.33	2.04	x	x	x	x
B.C.	186	172	3.62	3.22	x	x	x	x
	(4) CHEESE MILK				(5) ICE CREAM MILK			
CANADA	3,451	4,236	2.83	2.60	1,123	870	3.02	2.57
P.E.I.	31	24	2.65	2.16	6	7	2.89	2.57
N.S.	-	-	-	-	82	76	3.41	2.77
N.B.	30	22	2.70	2.37	44	42	3.19	2.67
Que.	542	1,010	2.62	2.47	224	156	3.19	2.74
Ont.	2,693	3,051	2.88	2.67	478	313	2.96	2.45
Man.	75	49	2.93	2.32	60	40	2.51	2.08
Sask.	14	8	2.65	2.37	53	37	2.78	2.25
Alta.	66	72	2.70	2.42	66	75	2.80	2.41
B.C.	x	x	x	x	110	124	3.22	2.99
	(6) CREAMERY-BUTTER-FAT				(7) DAIRY BUTTER			
	\$'000	\$'000	¢	¢	\$'000	\$'000	¢	¢
CANADA	18,399	15,952	72.4	60.4	892	236	67.2	56.4
P.E.I.	367	274	76.4	60.4	3	1	67.0	59.0
N.S.	359	298	74.0	60.0	133	30	69.0	55.0
N.B.	528	390	73.3	58.3	94	47	71.0	58.0
Que.	7,559	6,752	75.0	63.5	333	73	68.0	58.0
Ont.	4,142	3,623	72.0	60.0	84	10	72.0	58.0
Man.	1,470	1,279	69.3	56.5	47	8	65.0	56.0
Sask.	1,981	1,574	69.6	56.7	132	15	62.0	54.0
Alta.	1,808	1,550	68.4	57.0	47	42	61.0	54.0
B.C.	185	212	65.5	58.0	19	10	65.0	54.0

x/ Less than three reports received - Included in Canada total.

DAIRY BUTTER

Table 5 - Production, May to September, with cumulative data, January to September
1948 and 1949

Canada by provinces		May	June	July	August	September	January to September
		'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
CANADA	1948	5,695	5,025	4,814	5,138	5,053	46,185
	1949	4,820	4,396	3,932	3,951	3,963	41,478
P.E.I.	1948	70	66	59	53	51	461
	1949	78	30	24	18	21	427
N. S.	1948	272	252	234	335	349	2,081
	1949	226	208	181	186	195	1,806
N. B.	1948	475	463	451	430	442	3,948
	1949	501	436	362	402	358	4,028
QUE.	1948	835	662	719	819	777	6,773
	1949	810	753	633	614	663	7,612
QNT.	1948	973	635	559	525	584	6,908
	1949	736	589	383	513	559	7,001
MAN.	1948	574	526	536	637	603	5,056
	1949	537	505	530	477	463	4,497
SASK.	1948	1,478	1,385	1,293	1,385	1,334	12,283
	1949	1,088	914	923	932	913	8,630
ALTA.	1948	858	867	805	805	769	7,455
	1949	702	828	787	708	701	6,481
B. C.	1948	160	169	158	149	144	1,220
	1949	142	133	109	101	90	996

BUTTER

Table 6 - Supply and Disposition in Canada, January to September, 1945 to 1949

	May	June	July	August	September	Jan - September
Year	(A) Total Butter Production-'000 lb. 1/					
1945	37,831	50,221	47,280	42,425	35,318	289,617
1946	37,269	48,381	45,804	38,594	31,003	270,095
1947	36,943	49,583	47,369	40,917	38,876	284,759
1948	36,344	50,138	47,146	42,225	36,263	279,309
1949	37,130	45,985	42,746	38,532	35,063	269,977
	(B) Stocks First of Month'000 lb. 2/					
1945	12,816	19,751	40,263	56,960	68,199	71,995
1946	6,872	18,363	40,088	58,799	68,914	71,137
1947	11,327	24,046	42,861	59,430	67,509	73,680
1948	5,394	11,900	30,896	45,336	51,393	54,091
1949	13,726	24,190	43,731	59,873	70,465	75,988
	(C) Imports - lb. 3/					
1945	294	60	27	48	30	3,101
1946	21	-	96	-	-	25,692
1947	-	-	-	-	-	5,118,376
1948	49	1,769	56,496	-	31	59,184
1949	985	600	250	-	414	1,122,249
	(D) Exports - '000 lb. 3/					
1945	434	516	266	423	367	3,743
1946	213	205	333	931	587	3,381
1947	511	558	179	143	175	2,737
1948	76	80	55	14	76	687
1949	101	147	145	138	159	882
	(E) Domestic Disappearance - '000 lb. 4/					
1945	30,463	29,193	30,317	30,763	31,155	255,129
1946	25,565	26,451	26,760	27,549	28,192	232,102
1947	23,714	30,211	30,621	32,695	32,529	257,740
1948	29,762	31,064	32,707	36,154	33,489	268,562
1949	26,565	26,298	26,459	27,802	29,381	232,257
	(F) Domestic Disappearance Per Capita - lb. 4/					
1945	2.61	2.50	2.59	2.63	2.66	21.81
1946	2.08	2.16	2.18	2.25	2.30	18.92
1947	1.88	2.40	2.43	2.60	2.59	20.48
1948	2.31	2.41	2.54	2.81	2.60	20.84
1949	2.04	2.01	2.03	2.13	2.25	17.79

1/ Total production data include creamery, dairy and whey butter.

2/ Stocks represent creamery, dairy and whey butter, including shipments in transit. Those shown under the heading "Jan-September" represent holdings at the end of the period, October 1. Revised stocks are shown for all months in this statement, and differ from those published in the previous issue of this Review.

3/ Foreign trade statistics include Newfoundland as from April 1, 1949.

4/ Domestic Disappearance data are revised for all months due to stock revisions.

CHEESE

Table 7 - Supply and Disposition in Canada, January to September, 1945 to 1949

	May	June	July	August	September	Jan - September
Year	(A) Total Cheese Production-'000 lb.					
1945	22,721	33,117	31,051	29,173	24,918	160,702
1946	17,540	28,521	25,970	22,012	18,099	126,459
1947	14,100	23,404	22,702	19,420	15,976	108,772
1948	9,819	18,409	16,980	14,347	11,031	78,388
1949	14,018(x)	20,624(x)	18,256(x)	15,991(x)	14,673(x)	91,914 (x)
	(B) Stocks First of Month-'000 lb.					
	1/					
1945	25,926	41,572	65,990	68,773	64,983	63,943
1946	21,306	32,266	51,616	52,821	43,166	39,412
1947	19,690	26,791	41,941	48,870	56,669	52,064
1948	22,247	27,432	41,404	51,477	55,734	50,422
1949	23,730	29,153	32,112	29,676	28,910	36,658
	(C) Imports - lb. 2/					
1945	63,373	18,714	24,109	125,082	50,104	422,816
1946	124,294	94,159	56,348	49,234	170,881	856,687
1947	129,450	89,444	22,705	15,113	38,087	783,932
1948	91,110	80,041	88,734	50,824	44,575	594,252
1949	222,751	213,889	168,916	167,715	93,247	1,457,550
	(D) Exports -'000 lb. 2/					
1945	1,694	207	9,269	27,394	26,628	85,042
1946	303	265	162	34,570	25,425	76,124
1947	215	147	2,795	7,590	12,881	26,600
1948	216	85	141	1,688	13,208	21,202
1949	2,539	8,333	17,422	16,414	4,759	51,188
	(E) Domestic Disappearance - '000 lb.					
1945	5,444	8,511	19,023	5,694	(xx)	52,447
1946	6,401	9,000	24,659	(xx)	(xx)	45,522
1947	6,913	8,196	13,001	4,046	7,738	56,570
1948	4,451	4,379	6,806	8,414	3,149	37,850
1949	6,279	9,546	3,439	511	2,259	40,187

NOTE: Data shown in this table are based on production and stocks of Cheddar Cheese, Farm-made Cheese and Factory Cheese other than Cheddar. Stock holdings include shipments in transit on the first of the month.

- (x) Since less than three firms reported, British Columbia data are not included.
- (xx) Owing to monthly exports and stocks being greater than the total supply, disappearance data are not shown for months indicated. Adjustments are made, however, in the cumulative data for the January-September, period.
- 1/ Stocks shown under the caption "Jan-September" represent holdings at the end of the period, October 1.
- 2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

CONCENTRATED MILK

Table 8. - Supply and Disposition in Canada, September and January-September, 1945 to 1949

Year	Whole Milk Products		Milk By-Products		Total	
	September	Jan-Sept.	September	Jan-Sept.	September	Jan-Sept.
(A) Production- '000 lb.						
1945	22,595	204,496	4,589	45,079	27,184	249,575
1946	21,691	200,718	5,598	48,507	27,289	249,225
1947	26,127	210,833	8,640	65,191	34,767	276,024
1948	31,997	250,742	8,435	69,978	40,432	320,720
1949	24,034	222,952	9,359	78,106(x)	33,393	301,058(x)
(B) Stocks First of Month - '000 lb.						
1945	59,224	✓ 51,547	10,405	✓ 9,585	69,629	✓ 61,132
1946	37,057	34,362	7,266	7,805	44,323	42,167
1947	35,521	31,277	12,294	14,251	47,815	45,528
1948	44,682	45,051	14,055	14,406	58,737	59,457
1949	70,410	68,306	25,991	26,225	96,401	94,531
(C) Imports - lb. 2/						
1945	76	44,454	-	200,700	76	245,154
1946	1,654	77,482	22,400	111,168	24,054	188,650
1947	24,800	97,397	1,000	174,162	25,800	271,559
1948	-	4,189	403	11,921	403	16,110
1949	332	6,894	927	31,351	1,259	38,245
(D) Exports - '000 lb. 2/						
1945	5,412	54,912	833	3,838	6,245	58,750
1946	12,614	56,819	252	2,756	12,866	59,575
1947	7,711	47,855	2,183	9,943	9,894	57,798
1948	7,747	42,296	5,142	23,806	12,889	66,102
1949	3,601	27,855	1,752	12,358	5,353	40,213
(E) Domestic Disappearance - '000 lb.						
1945	24,860	145,050	4,576	37,136	29,436	182,186
1946	11,773	136,297	4,829	42,313	16,602	178,610
1947	22,684	158,315	4,501	45,876	27,185	204,191
1948	23,881	177,048	2,942	41,422	26,823	218,470
1949	22,537	161,607	6,825	46,599(x)	29,362	208,206(x)

(x) Contains revised data for August, 1949.

✓ Stocks shown under the captions "Jan-September" represent holdings at the end of the period, October 1.

2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

CONCENTRATED MILK - PRINCIPAL PRODUCTS

Table 9. - Supply and Disposition, September and January-September, 1945 to 1949

Section A	September	Jan-Sept.	September	Jan-Sept.	September	Jan-Sept.
	Condensed Whole Milk		Condensed Skim Milk		Casein	
Production - '000 lb.						
1945	3,082	22,823	236	3,058	380	3,168
1946	3,499	23,440	401	2,494	401	3,182
1947	3,789	21,947	484	3,456	812	5,724
1948	3,106	26,721	398	4,013	474	4,261
1949	2,083	19,235	495	3,113	326	2,776
Section B	Evaporated Whole Milk		Whole Milk Powder		Skim Milk Powder	
(A) Production - '000 lb.						
1945	17,907	167,912	1,429	12,449	3,260	31,627
1946	16,378	163,515	1,527	11,770	3,891	35,297
1947	20,924	174,512	1,235	12,501	6,069	46,072
1948	26,523	205,783	1,959	15,155	6,328	51,066
1949	20,035	189,967	1,508	10,964	5,807	52,901
(B) Stocks First of Month - '000 lb.						
1945	51,907	43,468 ^{1/}	3,901	3,823 ^{1/}	6,285	5,611 ^{1/}
1946	31,783	29,577	2,468	1,943	5,194	4,733
1947	30,037	23,394	2,682	3,187	8,546	9,873
1948	38,055	38,639	3,694	3,356	9,130	9,327
1949	64,668	63,249	3,472	3,688	23,176	23,386
(C) Exports - '000 lb. 2/						
1945	3,538	38,863	368	2,478	833	3,727
1946	10,514	39,102	438	3,236	212	1,636
1947	5,860	30,773	873	3,237	2,038	9,101
1948	3,548	20,678	1,427	5,328	4,898	21,251
1949	1,660	10,695	348	3,666	1,425	10,331
(D) Domestic Disappearance - '000 lb.						
1945	22,808	125,243	1,139	8,875	3,101	25,585
1946	8,070	117,197	1,614	7,707	4,140	30,751
1947	21,701	141,399	x/	7,743	2,704	29,792
1948	22,391	155,910	870	8,096	1,233	25,558
1949	19,794	144,750	944	6,530	4,172	27,085

1/ Stocks shown under the captions "Jan-September" represent holdings at the end of the period, October 1.

2/ Foreign trade statistics include Newfoundland as from April 1, 1949.

x/ Owing to monthly exports and stocks being greater than the total supply, disappearance data are not shown for month indicated. Adjustments are made however, in the cumulative data for the January-September period.

WHEY BUTTER, OTHER CHEESE AND ICE CREAM

Table 10.- Production in Canada, January to September, 1945 to 1949

Year	May	June	July	August	September	Jan-Sept.
(A) Production of Whey Butter - lb.						
1945	370,100	468,000	485,600	392,100	297,000	2,377,400
1946	289,300	403,100	400,900	365,400	300,500	2,025,800
1947	241,300	347,400	382,200	347,300	300,600	1,860,800
1948	166,300	291,600	316,700	262,200	221,800	1,429,300
1949	233,800	325,000	308,100	268,700	247,000	1,540,900
(B) Production of Other Cheese - lb.						
1945	142,750	185,164	180,219	213,066	198,948	1,488,199
1946	264,745	292,849	309,480	313,466	276,427	2,081,282
1947	298,265	344,340	260,053	241,597	261,410	2,347,598
1948	176,207	197,620	201,159	223,969	280,785	1,552,015
1949	181,699	229,166	160,822	128,913	152,771	1,514,503
(C) Production of Ice Cream - '000 Gal.						
1945	1,685	2,210	2,728	2,304	1,150	14,032
1946	1,690	2,041	2,761	2,117	1,276	13,558
1947	2,313	2,875	4,073	3,740	2,376	19,438
1948	2,472	3,381	3,980	3,602	2,601	21,360
1949	2,622	3,580	3,732	3,815	1,882	21,046

Table II - Butter-Fat and Milk Equivalent of Dairy Factory Production
September and January-September, 1948 and 1949

Products		September			January-September		
		Butter-Fat	Milk	% of total	Butter-Fat	Milk	% of total
		'000 lb.	'000 lb.	%	'000 lb.	'000 lb.	%
Creamery Butter	1948	25,410	726,050	75.1	189,988	5,428,592	75.0
	1949	26,416	754,797	74.5	187,221	5,349,514	73.4
Factory Cheese 1/	1948	4,269	121,958	12.6	30,240	863,990	11.9
	1949	5,699	162,789	16.1	35,630	1,017,694	14.0
Condensed Whole Milk	1948	248	7,082	0.7	2,137	60,924	0.8
	1949	167	4,749	0.5	1,540	43,855	0.6
Evaporated whole Milk	1948	2,042	58,351	6.0	15,844	452,723	6.3
	1949	1,543	44,077	4.3	14,627	417,927	5.7
Whole Milk Powder	1948	549	15,672	1.6	4,244	121,240	1.7
	1949	422	12,064	1.2	3,070	87,712	1.2
Ice Cream	1948	1,301	37,169	3.8	10,680	305,235	4.2
	1949	1,186	33,876	3.3	12,802	365,788	5.0
TOTAL 2/	1948	33,852	967,199	100.0	253,361	7,239,213	100.0
	1949	35,457	1,013,050	100.0	255,094	7,288,304	100.0

1/ Includes Other Cheese Production which is shown in table 10.

2/ Includes Malted Milk, Cream Powder and Sub-Standard milk products not separately listed.

TABLE 12 - PERCENTAGE OF COWS MILKED, COWS, FRESHENING, AND DAILY PRODUCTION OF MILK PER COW, AUGUST, SEPTEMBER AND OCTOBER 1948 AND 1949

Canada by provinces	Year	Percentage of Cows Milked 1/			Percentage of Cows Freshening 1/		
		August	September	October	August	September	October
CANADA	1948	77.6	75.8	74.6	4.6	4.8	5.4
	1949	78.2	77.7	76.1	4.3	4.9	5.3
P.E.I.	1948	83.1	81.4	77.3	3.4	1.9	3.4
	1949	83.4	82.2	83.2	7.2	4.2	5.2
N. S.	1948	78.2	75.1	74.0	5.0	5.9	6.0
	1949	74.4	72.0	70.7	4.5	9.2	9.0
N. B.	1948	88.0	87.1	79.4	5.4	3.0	4.0
	1949	82.9	84.0	83.4	3.7	4.5	4.5
QUE.	1948	88.2	84.5	80.1	3.1	2.2	2.6
	1949	83.8	83.2	82.4	2.8	2.6	3.0
QNT.	1948	74.9	74.4	73.0	5.1	5.4	6.0
	1949	75.1	75.3	74.3	4.6	5.8	6.2
MAN.	1948	75.2	71.6	69.3	4.6	4.7	5.9
	1949	75.1	73.2	68.6	5.5	4.0	5.5
SASK.	1948	76.4	74.2	68.1	4.9	4.0	6.0
	1949	74.3	71.8	71.2	4.9	6.8	6.3
ALTA.	1948	73.8	71.2	67.6	5.2	5.0	6.7
	1949	72.9	73.6	68.8	5.0	6.9	5.9
B. C.	1948	72.6	70.4	70.1	5.5	7.1	7.7
	1949	78.9	75.5	74.4	6.4	6.2	8.3
Canada by provinces	Year	Daily Production of Milk Per Cow (Based on All Cows) 1/			Daily Production of Milk Per Cow (Based on Cows actually milked)		
		August	September	October	August	September	October
CANADA	1948	19.3	16.9	14.7	24.8	22.3	19.7
	1949	19.4	18.5	16.5	24.8	23.9	21.7
P.E.I.	1948	21.7	19.7	18.2	26.1	24.3	23.6
	1949	24.4	21.5	18.4	28.0	26.1	22.1
N. S.	1948	17.5	15.8	14.7	22.4	21.1	19.9
	1949	17.4	16.4	15.7	23.3	22.8	22.2
N. B.	1948	20.1	17.5	13.8	22.8	20.0	17.4
	1949	19.2	18.0	15.4	23.2	21.4	18.4
QUE.	1948	20.8	17.7	14.5	23.6	20.9	18.0
	1949	18.7	17.7	15.7	22.3	21.3	19.0
QNT.	1948	19.9	17.7	15.6	26.6	23.8	21.4
	1949	20.4	20.3	18.9	27.2	27.0	25.5
MAN.	1948	15.9	14.4	12.3	21.2	20.1	17.7
	1949	17.7	16.0	12.8	23.6	21.9	18.7
SASK.	1948	17.4	14.5	11.8	22.8	19.6	17.3
	1949	18.5	15.8	13.2	24.9	22.9	18.5
ALTA.	1948	19.7	16.4	14.6	26.7	23.1	21.5
	1949	19.3	18.8	16.8	26.5	25.5	24.4
B. C.	1948	18.1	16.7	15.9	25.0	23.8	22.7
	1949	19.9	17.9	16.7	25.2	23.7	22.5

1/ Based on cows and heifers two years and over kept mainly for milking purposes.

Table 13. - TEMPERATURES, PRECIPITATION AND SUNSHINE AT TWENTY-THREE STATIONS IN CANADA
October, 1948 and 1949

Weather Station	Mean Temperature		Total Precipitation		Bright Sunshine	
	1948 Degrees	1949 Degrees	1948 Inches	1949 Inches	1948 Hours	1949 Hours
Charlottetown	50	50	3.2	2.3	123	180
Napan	47	48	3.4	1.7	124	183
Kentville	47	50	2.3	1.4	130	180
Fredericton	46	48	2.9	2.3	144	191
Lennoxville	44	49	1.7	3.6	134	191
Ste. Anne	45	49	4.1	2.0	122	158
L'Assomption	46	51	2.6	1.5	153	188
Ottawa	46	51	2.8	1.5	135	151
Harrow	50	58	1.6	2.8	116	199
Delhi	48	55	2.7	3.1	94	170
Kapuskasing	44	44	1.7	2.1	122	124
Morden	47	43	0.7	4.6	214	154
Brandon	45	39	1.3	2.0	-	141
Indian Head	43	37	0.2	0.7	184	142
Swift Current	45	39	0.1	1.5	199	113
Scott	41	36	0.1	0.4	199	131
Lethbridge	47	39	0.5	2.5	216	145
Lacombe	43	37	0.3	0.9	185	139
Beaverlodge	42	38	0.5	0.9	156	129
Manyberries	45	39	0.3	1.7	241	90
Agassiz	52	49	4.9	5.8	101	92
Summerland	46	45	0.2	0.4	179	148
Saanichton	49	48	1.8	2.3	160	134

