DOMINION BUREAU OF STA' DEPARTMENT OF TRADE AND (

Acting (Hoer, Agricultural Branch:
Ian McAктhur, Mise.
In Charge of Dairying Statistics:. .

## DAIRYING STATISTICS OF CANADA, 1943

1)urimg the past two years the dairy industry of Canada has successfully met the challenge imposed by wartime conditions, in producing increased quantities of dairy products for use at home and abroad. Despite acute labour shortages, the production of milk on farms has been maintained at a high level, and while 1942-13 exports of cheese and concentrated milk products were considerably above those of the prewar period, domestic supplies of fluid milk, butter and other products far surpassed the quantities provided for home consumption in previous years. As might be expected, price relationships determined the trend in production. During the first half of 1912 , prices were more favourable to cheese production; but with the creation of a subsidized market for butterfat, a competitive situation developed in the latter part of the season, and in 1943 a large proportion of the milk -supply was diverted into the butter manufacturing elarmel. This reduced the volume of cheese available for export to the United Kingdom, but permitted the creation of reserve stocks of creamery butter, a part of which was shipped to the United Kingdom att a time when supplies were needed to maintain the British ration at the normal level.

Milk Production, -The production of milk on farms in 1943 Las been estirated at $17,500,000,000 \mathrm{lb}$., representing a fractional increase over that of the preceding year. Manufactured products utilized $11,300,000,000 \mathrm{lb}$. or 65 p.c. of the total quantity in 1943 as against $11,600,000,000 \mathrm{lb}$. or 66 p.c. in the preceding twelvemonth period. Fluid milk sales amounted to $3,700,000,000 \mathrm{lb}$. in 1943 as compared with: $3,400,000,000 \mathrm{lb}$. in 1942 . The former represented 21 p.c., and the latter 19 pec. of the total production. It will be observed that a part of the increase was obtained at the expense of manufactured products, wheel utilized lesser quantities than in 1942.

The concentration of the population in military and industrial centres would appear to be on s of the chief factors contributing to the increased demand for fluid products. Ontario and Quebec produced approximately 61 pec. of the total supply; the Prairie Provinces 30 p.c., the Maritimes 6 p.c. and British Columbia

3 p.c. There were $3,795,000$ cows on farms at June 1, as compared with $3,680,000$ at the same date in 1942 , but production per cow at $4,616 \mathrm{lb}$, was 136 lb . Kss than in 1942. The proportion of cows actually milking was estimated to average 77 p.c. in 1943 as aguinst 74 p.c. in 1942.

Butter Production.-The 1813 creamery butter output of $312,000,000 \mathrm{lb}$. was the largest volume of butter ever produced in Canada, representing an increase of $28,000,000 \mathrm{ll}$. over that of the preceding year. The production of creamery butter was affected by the institution of a 6 -cent subsidy puid by the Government as from July 6,1942 , and a 10 -cent subsidy from Jan. 1 to May 1, 1943. To give further encouragement to the creamery industry, this subsidy was increased to 8 cents a Ib. during the period May 1 to Dec. 31, 1943. It should be noted, however, that while the sulsidy increased the creamery output, it discouraged che inanufacture of dairy butter on farms. Hence, the output of the farm-madn product fell to approximately $79,000,000 \mathrm{lb}$. in 1942 and to $55,000,000 \mathrm{~Hz}$. in 1943 . The 1943 decline almost offset the increase recorded in the creamery make, so that the total production of $368,000,000 \mathrm{lh}$. in 1943 was only ahout $5,000,000 \mathrm{ll}$. greater than that produced in the preceding year. Of this total, Ontario and Quelece produced approximately 50 p.c., the Prairie Provinces 41 p.c., the Maritimes 7 p.c. and British Columbia 2 p.c. All provinces but the latter recorded increases in the cramery butter make during 1013, as compared with 1042, while dairy butter production suffered declines throughout the Dominion.

Cheese Production.-The output of Canadian cheddar in 1912 was approximately $206,000,000 \mathrm{lb}$, the highest make since 1900 when nearly $221,000,000 \mathrm{lb}$. were produced in Canadian factories. In 1943. the quantity of cheese manufactured in Canada fell to approximately $162,000,000 \mathrm{Ib}$. Nevertheless, this amount excoeded the output of all previous years since 1026. The amount produeed in Quebee and Ontario represented approximately 94 p.c. of the total production in 1943; Manitoba and Alherta contributed nearly 4 p.c., while the remaining 2 p.e. was produced in Prince Edward Isknd, New Brunswice, Saskatchewan and British Columbia. In order to give further encouragement to eheese manafacturing, a subsidy of 30 cents a cwt. Was offered by the Government for milk delivered to cheese factories as from Oct. 1, 1943. Uimer an agreement with the Government of the United Kingdom, arraggements were made for the shipment of $125,000,000$ 1b. of cheese to the I3ritish Ministry of Food during the fiscal year 1942-43. Actual shipments, of course, greatly exceeled this amount. The 19-13-44 contract cauled for the delivery of $150,000,000 \mathrm{lb}$., but, owing to the decline in production, it was impossible to meet this ohjective. Nevertheless, over-shipments of the 1942 make, exported in 1943 , increased the total deliveries to the United Kingdom to approximately 92 p.c. of the amount exported in the previous year.

Cheese and Butter Prices.-The price of checse in 1942 was set at 20 cents a. lb. f.o.b. Montreal, compared with 16 cents received by producers during the latter part of 1941. In 1913 a further inerease was ordered by establishing the price at 20 cents f.o.b. factory instead of f.o.b. Montreal. The quality bonus paid by the Dominion Government gave producers an average of about $9 / 10$ ths of a cent per lb . over and above the basic price, and in Ontario, where the Government continued to pay the bonus of 2 cents a lb , on all checse manufactured, the total price was approximately 23 cents a lb . at the factory. Throughout the first four monthis of 1942, producers were able to market first-grade checse at prices averaging between 24 and 25 cents f.o.b. Moutreal; but in subsequent months, the lower price in effect brought the yearly average down to 211 cents. In 1943, the average was
approximately the same as in 1912. Maximum wholesale prices for cheddar cheese were introduced by the Wattime: I'rices and Trade Board in tho spring of 1942, first-grade cheese being 22 to 21 cents, dopending on the score. Cheese scoring s7 to 92 is subject to a further reduction of $1 \frac{1}{1}$ cents. A more detaited price schedule was issued on June 2,1943 , but in the main the price basis was unchanged.

Creamery butter prices, set up under an amended order of the Wartime Priecs and Trade Board in 1943 provided the following maximums for first-grade solids: in the Maritime Provinces, 36 conts a 11 .; in Quebee, Ontario and British Columbia, 35 cents; and in the three Prairie Provinces, 33 cents. A diseount of 1 cont per lib. was allowed on each grade below first grade. To protect the interests af producers, foor prices for 1913-14 were estalblished by the Deprortment of Agriculture, setting minimum price levels for the month of May at 33 conts, 32 ecrats and 30 rents in the three ceonomic divisions mentioned. Provision was made for "pmard idjustments during each succeeding month to April, 1944, when minimum prices reached the high proint of $355_{0}^{7}$ cents, $31^{\frac{5}{8}}$ cents, and 358 eents, respectively. (Ceiting prices on duiry fotter wete estinhtished in 1943, placing sales to consumers at 42 cents, 40 conts and 38 cents, respectively. Sales to wholesalers were reduced 4 to $\overline{5}$ cents a (h). and sales to retnilers by 2$\}$ to $3 \frac{1}{2}$ cents. Provision was alon made for surphus butter to bo sold to the Wirtime Prices Stabilization Copmeration at a discuunt of 7 conts helow the prices quoted. Whey butter whs phated unter ceiling restrictions in June, 1943 , the maximum price to consumers being set at 40 cents, 39 cents and 37 cents, respectively. Divect sales to wholewalers are subject to a discount of $\overline{5}$ cents a 1 ). Whife indirect sales through distributors show a diffemenee of 3 cents between sum distributors price to retailers and that charged to consumers.

Value and Income. - The farm value of milk was estimated at $\$ 291,000,000$ in 1942 , and moved up, to $\$ 319,000,000$ in 1913. The total value of all products Was approximately $\$ 307,0001,0 \times 1$ and $\$ 383,000,000$, resperetively. Income reccived by farmers increased from $\$ 200,000,000$ to $\$ 290,000,000$ between 1942 and 1943 . In 1939 the income from duiry products represented 15.8 p.e. of the total farm income for that your, while in 1043 it advanced to $17-8$ p.e. Higher prices (including subsidies paid by the (iovermane dit) during the past two yeurs, were respomsithte for this development. Fluid milk producers received a subsidy of 30 cents a hundred in Che winter period of 1941-42 on markets where priec advances hat mot taken place. A suhsidy of 25 eents a humdred went into effeet on Sept. 1,1942 , on the prineipal mitk markets of Cimata, and on Oct. 1, 1043, the subsidy was incrensed to ins emts a humbed. Since: Dee. 16, 1942. consumers have aleo benefited hy a subsidy of 2 cents a quart on milk purehasel. Concentrated milk producers received a subsidy of 10 cents a hambed during the winter perind of $19: 1 /-42$. This was subsequently diseontinuel, but a suhsidy of 25 cents a hundred was ordered in 1942 , covering March and April, 1942, and October to April, 1913-44. Commencing Oct. 1, 1943, this was increased to 30 cents a hundred, and was made applicalle to milk used in the production of skien milk powilor as well as whole milk problucts. Fistimates made for the year 1913 shww that fatmers received an average of $\$ 2.28$ per hundred for fluit milk, \$2 Aff for milk defivered to eememtrutend plants. $\$ 1.49$ for milk used for the productinn of ice cream, and $\$ 1$. 59 for milk used in the proluction of eremery butter.

Domestic Disappearance.-The domestic disappearanee of butter (including ereamery, dairy mad whey butter) amounted to $386,000,000 \mathrm{H}$ s. in 1942 and $337,000,000 \mathrm{lb}$. in 1043 . On a per capita basis, the creamery product decreased
from $26 \cdot 15 \mathrm{lb}$. to $23 \cdot 67 \mathrm{lb}$, in 1943 . This reduction may be credited to the introduction of rationing, which went into effect on Dec. 21, 1942. The disappearance of dairy butter also registered a decline from 6.74 lb . to 4.70 lb ., while whey butter decreased from 0.25 lb , in 1042 to 0.18 lb , in 1943. The disappearance of cheese in Canada showed a slight increase from 1942 to 1943, the figures being approximately $47,000,000 \mathrm{lb}$. and $53,000,000 \mathrm{lb}$., respectively, or 4.07 and 4.47 lb . per capita. These figures include cheddar, other varictics of whole milk cheese, and farm-made cheese; the former representing upproximatcly 98 p.c. of the 1013 make. The consumption of fluid milk in 1942 (including cream on a milk basis) amounted to almost $3,854,000,000$ pints. In 1943 it advaneed to $4,125,000,000$ pints, and the daily per capita consumption of 0.91 pints moved up to 0.96 pints. The milkproducing population consumed an average of $1 \cdot 40$ pints per cappita per day in $10 \not 12$ and 1.43 pints in 1943. The non-producing population, on the other hand, which is required to purchase its milk supply, showed a daily per capita consumption of 0.77 pints in 1942 and 0.82 pints in 1943 .

## 18.-Total Milk Production of Canada, by Provinces, 1942 and 1943



[^0]19.- Production of Butter and Cheese in Canada, by Provinces, 1942 and 194

| 1 Frrince and Year | Hutter ${ }^{\text {- }}$ |  |  | Cheese |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Creamery | Dairy | Total | Factory ${ }^{\text {a }}$ | Farm-made |
| ciamada. | 16. | lb. | 13. | 1 l. | Ib. | Ib. |
|  | $363,116.382$ | 284.535P.37? | 78.72.i.000 | 208.218,645 | 207.131.376 | $\text { 78\%. } 875$ |
|  | 3雬.-16,828 | 312,5017,925 | 55, 10\%,000 | 104, $927,6.51$ | 161,067,1il | $740,500$ |
|  |  |  |  | $1,082,926$ | $1.083 .0 .51$ | $1.275$ |
|  | 4.801,813 | $4,301.813$ | $500,000$ | $767.857$ | $766.887$ | $1,090$ |
| Vinvis Scotis............. 1942 | 10.910 .147 | R. 1800.147 | 4.250. 9000 | 32.700 | Nil | $32.700$ |
|  | 10,508, 2100 | $7.662,200$ | 2,846,000 | 30.000 |  | $30.000$ |
| 24.3s: Brunswick | 19.731 .858 | 4.981 .868 | 7.750.000 | 1.857. 199 | 1.852, 889 | 4.300 |
|  | 12,031.533 | 7,031, 633 | 5,000, 000 | 989,343 | 985.343 | 4.000 |
| Qusatioc. | 84. 804 g . 919 | 73.109 .918 | 11. 6000.000 | 65,306, 238 | 65.275 .078 | 31.200 |
|  | 08, 453, 776 | 85, 588,776 | 7.867.000 | 49,388, 403 | 49,357. 803 | 30.600 |
| -1. ario | 14.523.2985 | 81.0455 | 12, 5(M), 0um | 138,980, 076 | 128.816, 676 | 163.400 |
|  | 00,221,052 | 82,498,082 | 7,723,000 | 100.017,148 | 105,850,948 | 100.200 |
| 31 aitobs | $390.541,108$ | 71, f141 718 | $7 \mathrm{0an}$ nma | 5.282 .354 | 5. 164, 354 | 118.000 |
|  | 39.808150 | $33,083,159$ | 5, 225,000 | 3,474, 984 | 3,354,994 | 120,000 |
| - hrontelhewan | (4) 8006.186 | 41.3095 .189 | 18, 70n, 6 m , | 585.547 | 440.547 | 145.009 |
|  | 62. 307,150 | 47,721.150 | 14.588,000 | 590,278 | 445, 278 | 145,000 |
| Ainctas. | 49.045 908 | 30,985.909 | 12. 1150. 01011 | 4.128.545 | 3.908 .545 | 230,060 |
|  | 47.919, 027 | i8,652,027 | 8,317,000 | 2,783,501 | 2,564,201 | 229, 700 |
| British Columbia. | 7.152 .027 | 5.387 .097 | 1.8.35, MM | 952,060 | 800.000 | 61,400 |
|  | $6.814,188$ | 4,871,188 | 1,043,000 | 776,697 | 735,687 | 40,000 |
|  |  |  |  | (1) |  |  |

 ${ }^{4}$ Includes cheddar cheee and a small amount of whole inilk choeve other than cheddar. the production of which was ettimated at $1,218,142 \mathrm{lb}$. in 10 f and 1,722 , 687 in 1043.

## 30. Proiuction of Ice Cream, by Provinces, and Concentrated Milk Products, 1919 and 1943

| lemand Province | 1942 | 1943 | lem | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | gat. | gal. |  | 1 h . | 17. |
| Ire Cream - |  |  | Concentrated Whole Millk Prodtucts: |  |  |
| Prinee Lidward istand.. | 69,403 | 80,671 | Fisapuratol milk. | 183.471,0138 | 178, 155,188 |
|  |  |  | Comblensed mill: | 20.835, 260 | 26,881,895 |
| Novn Seatia | 940.613 | 1.050, 190 | Milk prowior. | 10, 222,113 | 18, 876, 244 |
|  |  |  | Cratim powhler | 7,347 | 4,848 |
| New Brunswric | 182,962 | 633, 894 | Toutals, Cinscentrated |  |  |
| Quaber | 2,880,770 | 3,251,759 | Whale Milk Proulucts. | 220,435, 283 |  |
| Ontario | 6,750,478 | 7,571.018 | Concentrated wnk By- |  |  |
|  |  |  | Prowlacts-- |  |  |
| Manitotas | 1.073.495 | 1,250,569 | Fvapotation akim mink.. Contommishim nuilk. | $4,111,964$ | $\begin{array}{r} 1,55.274 \\ 1,167,1829 \end{array}$ |
| Sumatelewun. | 757.415 | 838.479 | Skim misk pewiler | 26, 6, 0, 356 | 23, 208.837 |
|  |  |  | Comberned listturmilki... | 291, 133 | 1, 1338.049 |
| - 11 berta | 1,018,108 | 1,132,695 | T3utteranilk powiler. | 3,071, 648 | 6.759.288 |
| 13ritish Columbia |  | 1,458,738 | Sugar of mist: Carein. | 3, 222.358 | 289,030 $2,183,318$ |
| Sritis | 1.243.908 | 1,158, |  |  |  |
| Totals, Ife (iream. | 15,225,208 | 17,175,811 | Totals, concentrated Mink By-Products | 39,178,2939 | 38,702,326 |

[^1]
## 21.- Value of the Dairy Products of Canada, by Provinces, 1942 and 1943

| Provinceand Year | Butter |  | Cherse |  | Mixcellaneous Product | Milk Otherwisc Used | Skim Milk, Buttermilk ami When | Total Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Creamery | Dairy | Factory | Farm |  |  |  |  |
| Canada. . . 1942 | $\left.\begin{array}{\|c} 97.840,910 \\ 109,57,600 \end{array} \right\rvert\,$ | $\begin{gathered} \delta \\ 21,681,600 \\ 19,397,000 \end{gathered}$ | $\$$ <br> $41,9: 11,56{ }^{2}$ <br> $36,589,600$ | $\begin{gathered} \$ \\ 160.000 \\ 159,000 \end{gathered}$ | $s$47. 863,006$51,61 ?, 986$ | 8$131,957,07$$151,533,000$ | $S$$18,021,066$$19,629,16.1$ | \$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| P.E.I. . . . . . 1942 | 1.202, 163 | 291,000 | 225.512 |  | 105, 210 | 877,980. |  | 3,019.216 |
| 1843 | 1,505, 800 | 180.0014 | 168.701 |  | 131. 151 | 1,126, 000 | 219,009 | 3.330, 660 |
| 1942 | 2, 564, 542 | 1.458, 0060 | Ni1 | 6,900 | 1,511,143 | 4.449,588 | 4900 , Rus | $10.4 \times 0 \times 8.39$ |
| 1943 1942 | 2, 835, 1 , 25000 | 1.071 .000 |  | 6,609 | 1, 620,987 | 5, 058, $0 \times 0$ | 590,263 | 11, 185, 830 |
| 1943 | 2,531, 409 | 1. 4.5 .000 | 206, 1140 |  | 720, 044 | 2, ${ }^{2,515,53,358}$ | 52s. 74.93 | 9.01848 .878 |
| 1943 | 25. 814.03 n | 4. 1122.003 | 14. 559.183 | 6. 1 On | 10.193.143 | 39, 434.245 | 4.121, 845 | 98, 431, 353 |
| 1043 | 20, 100.200 | 2.832 .50 | 11,303.200 | 7. On | 11 \$60, 54f | 47, 4!1, (Mx) | 4. 112.35 s | 103, 955, 004 |
| 1042 | 25, "60.280 | 4. 833.009 $2,503,009$ |  | 32. 7 \% | $2 \%, 180,681$ $28,284,104$ | 49, $141,73{ }^{\text {a }}$ | 4,941.034 | 14n, 5 5i, 159 |
| Man. . . . . . . 1942 | 10,320.22R | 2,371, 000 | 1.311.731 | 23, \% \% | 1,314, 400 | -4,417.292 | 5, \%ib, 02at | 142, 24.1. 033 <br> 24.911 <br> 679 |
| 1943 | 11.044, 500 | 1,937,041 | 902, 3m7 | 24. (300) | 1.67ili, 3 c3 | 8.099 .000 | $1,811,385$ | 25, 3115,099 |
| 1942 | 13.450. 401 | 5. 124.0010 | 236.1139 | 29.700 | 1,059, 863 | 19,602, 183 | 2,651.075 | 33,230.975 |
| 41043 | 15.032. 200 | 4, 1550.094 | 200. $20 \%$ | 30.500 | 1.124.550 | 12.397.000 | 2, 386.130 | 36, 530,080 |
| Alta. . . . . . . 10942 | 11.835 .491 | 3.303,000 | 1.099,594 | 45, 100 | 2,204, 552 | 10, 898, 5158 | 3.001, 6<3 | $32,483,478$ |
| B.C 1043 | 12.222.0n0 | 3.054.000 | 738, 2009 | 40.000 | 2.251, 144 | 13.345.009 | 2, 690, 235 | 34, 434, 782 |
| 1042 1943 | 1. 5106.075 | 51.000 851.000 | 182, 27im | 14,007 | 4. 415.318 | 7. 943.1037 | $2 \times 5.4 \times 82$ | 15, 345. 160 |
| 1943 | 1.704,900 | 851.000 | 165, 800 | 10,000 | 4.384, 208 | 9,332, (0)0 | 305,468 | 16,533, 376 |

I Incluthes all enneentrateid milk proulucts, ice eream, whey buller sud sumitries, the totnle of which in 1943 urnsunted to $\$ 26,570,528, \$ 21,649,535, \$ 082,900$, and $\$ 2,789,-23$, respertively.

## 22. - Total Value and Farm Value of Dairy Production and Income from Dairying In Canada, by Froviuces, 19 s) and 1913

Nome.-Trital value represents the addition of all itcros shown in Table 31. Grose ineome represents farm ralue less the ratue of milh ferl to calves. Snles income represents tho vaiue of all produets sold off fartus (milk, butterfat nad dairy butter).

| Province and Year |  | Tital Value of Products | $\begin{aligned} & \text { Farm } \\ & \text { Yalue of } \\ & \text { Milk } \end{aligned}$ | Farm Ineome from Dairy Proshucts: |  | In Dentars per Jinndred Pounds of Milk Proiluced |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Grows |  | Sales | Total <br> Value | Firm Yalu: | Cross Income | Sales <br> Income |
|  |  |  | \$ | \$ | 8 | \$ | \$ | \$ | § | * |
| Canada | $\begin{aligned} & 1012 \\ & 1943 \end{aligned}$ | $\begin{aligned} & 367,457,630 \\ & 383,078,251 \end{aligned}$ | $\begin{aligned} & 291,1,99.000 \\ & 319,055,000 \end{aligned}$ | $\begin{aligned} & 261,712,000 \\ & 2 \times 19,817,000 \end{aligned}$ | $\begin{aligned} & 227.161,000 \\ & 218,9 \times 1,000 \end{aligned}$ | $\begin{array}{r} 2.01 \\ 2.19 \end{array}$ | $\begin{aligned} & 1.66 \\ & 1.82 \end{aligned}$ | $\begin{aligned} & 1.31 \\ & 1.651 \end{aligned}$ | $\begin{aligned} & 1.30 \\ & 1.43 \end{aligned}$ |
| P.E.I | $\begin{array}{r} 1942 \\ 1943 \end{array}$ | 3, 019.214 <br> 3,330, 650 | $\begin{aligned} & 2,647,000 \\ & 3,185,000 \end{aligned}$ | $\begin{aligned} & 2.358 .000 \\ & 2,827.000 \end{aligned}$ | $\begin{aligned} & 1,735.000 \\ & 2,265,000 \end{aligned}$ | $\begin{aligned} & 1.79 \\ & 1 \cdot 80 \end{aligned}$ | $\begin{aligned} & 1.57 \\ & 1.79 \end{aligned}$ | $\begin{array}{r} 1.40 \\ 1.59 \end{array}$ | $\begin{aligned} & 1 \cdot 05 \\ & 1.37 \end{aligned}$ |
| N.S | $\begin{array}{r} 1992 \\ 1943 \end{array}$ | $\begin{aligned} & 10.9 \$ 0,939 \\ & 11,186,530 \end{aligned}$ | $\begin{aligned} & 8,143,000 \\ & 9,064,000 \end{aligned}$ | $\begin{aligned} & 7.368,000 \\ & 8.178,400 \end{aligned}$ | $\begin{aligned} & \text { B. } 174,000 \\ & \text { B. } 942,000 \end{aligned}$ | $\begin{aligned} & 2.30 \\ & 2.43 \end{aligned}$ | $\begin{aligned} & 1.79 \\ & 1.47 \end{aligned}$ | $\begin{aligned} & 1.62 \\ & 1.78 \end{aligned}$ | $\begin{aligned} & 1.3 \mathrm{~A} \\ & 1.52 \end{aligned}$ |
| N.3. | $\begin{array}{r} 1942 \\ 1943 \end{array}$ | $\begin{aligned} & 9.000,872 \\ & 9.404 .279 \end{aligned}$ | $\begin{aligned} & 7.720 .000 \\ & 8.406,000 \end{aligned}$ | $\begin{aligned} & 7.032,000 \\ & 7,676,000 \end{aligned}$ | $\begin{aligned} & 5.460,000 \\ & 5.883 .000 \end{aligned}$ | $\begin{aligned} & 1.92 \\ & 2.06 \end{aligned}$ | $\begin{aligned} & 1.85 \\ & 1.84 \end{aligned}$ | $\begin{aligned} & 1.50 \\ & 1.64 \end{aligned}$ | $\begin{aligned} & 1.19 \\ & 1.29 \end{aligned}$ |
| Qup | $\begin{array}{r} 1042 \\ 1943 \end{array}$ | $\begin{array}{r} 98.431 .352 \\ 193.057 .004 \end{array}$ | $\begin{aligned} & 78, \text { I08, noo } \\ & 85,5, \mathrm{~S}, 000 \end{aligned}$ | $\begin{aligned} & 72,749,000) \\ & 7,055,000 \end{aligned}$ | $\begin{aligned} & 66,137.001 \\ & 71,943,000 \end{aligned}$ | $\begin{aligned} & 2 \cdot 18 \\ & 2.23 \end{aligned}$ | $\begin{aligned} & 1.74 \\ & 1.80 \end{aligned}$ | $\begin{aligned} & 1 \cdot .81 \\ & 1.71 \end{aligned}$ | $\begin{aligned} & 1 \cdot 17 \\ & 1 \cdot 55 \end{aligned}$ |
| Ont. | $\begin{aligned} & 1942 \\ & 1948 \end{aligned}$ | $\begin{aligned} & 140,35,4.49 \\ & 142,203,933 \end{aligned}$ | $\left\lvert\, \begin{aligned} & 107,905,009 \\ & 113,502.050 \end{aligned}\right.$ | $\begin{aligned} & 101.2 n, ~ n o ~ \\ & 105,026,000 \end{aligned}$ | $\begin{aligned} & 91,292,009 \\ & 95,23!1,109 \end{aligned}$ | $\begin{aligned} & 2 \cdot 2 \pi \\ & 3 \cdot 40 \end{aligned}$ | $\begin{aligned} & 1.76 \\ & 1.30 \end{aligned}$ | $\begin{aligned} & 1.65 \\ & 1.75 \end{aligned}$ | $\begin{aligned} & 1.49 \\ & 1.181 \end{aligned}$ |
| Man | $\begin{aligned} & 1942 \\ & 1943 \end{aligned}$ | $\begin{aligned} & 24,902,679 \\ & 25,395.098 \end{aligned}$ | $\begin{aligned} & 20,3 \times 1,009 \\ & 23,347.093 \end{aligned}$ | 18. $23 \times, 0041$ <br> 20, 38\%, 020 | $\begin{aligned} & 14.168,900 \\ & 18,618,000 \end{aligned}$ | $\begin{aligned} & \text { 1. } 82 \\ & 1.40 \end{aligned}$ | $\begin{aligned} & 1.49 \\ & 1.68 \end{aligned}$ | $\begin{aligned} & 1.29 \\ & 1.4 .8 \end{aligned}$ | $\begin{aligned} & 1.03 \\ & 1.20 \end{aligned}$ |
| Sask | $\begin{array}{r} 1942 \\ 1943 \end{array}$ | $\begin{aligned} & 33,230,975 \\ & 313.530,089 \end{aligned}$ | $\begin{aligned} & 25,137,0140 \\ & 34,15.50,000 \end{aligned}$ | $\begin{aligned} & 24,355,0061 \\ & 29,-66^{2}, 000 \end{aligned}$ | $\begin{aligned} & 113,329,000 \\ & 29,114,090 \end{aligned}$ | $\begin{aligned} & 1.63 \\ & 1.72 \end{aligned}$ | $\begin{aligned} & 1.42 \\ & 1 \cdot 63 \end{aligned}$ | $\begin{aligned} & 1.19 \\ & 1.40 \end{aligned}$ | $\begin{aligned} & 0.80 \\ & 0.815 \end{aligned}$ |
| Atta. | $\begin{array}{r} 1942 \\ 1943 \end{array}$ | $32.4 \times 3.078$ <br> 34, 436,982 | $\begin{aligned} & 26,607, ~(2100 \\ & 30,421,1200 \end{aligned}$ | $\begin{aligned} & 29,325,000 \\ & 23,592,090 \end{aligned}$ | $\begin{aligned} & 17,142.090 \\ & 19,1439,040 \end{aligned}$ | $\begin{aligned} & 1.81 \\ & 1.13 \end{aligned}$ | $\begin{aligned} & 1.48 \\ & 1.70 \end{aligned}$ | $\begin{aligned} & 1 \cdot 25 \\ & 1.43 \end{aligned}$ | $\begin{aligned} & 0.96 \\ & 1.10 \end{aligned}$ |
| 8.C | $\begin{array}{r} 1942 \\ 1943 \end{array}$ | $\begin{aligned} & 15.345,190 \\ & 16,533,3: 6 \end{aligned}$ | $\begin{aligned} & 10,380,000 \\ & 11,823,000 \end{aligned}$ | $\begin{array}{r} 9,559,009 \\ 11.056,000 \end{array}$ | $\begin{array}{r} 8,685,010 \\ 10,239,000 \end{array}$ | $\begin{aligned} & 2 \cdot 70 \\ & 2 \cdot 88 \end{aligned}$ | $\begin{aligned} & 1.81 \\ & 2.06 \end{aligned}$ | $\begin{aligned} & \text { 1.88 } \\ & 1.93 \end{aligned}$ | $\begin{aligned} & 1 \cdot 5.3 \\ & 1 \cdot 78 \end{aligned}$ |

## 23.-F'stimated Consumption of Milk In ('anada, by I'rovinces, 1842 and 1818

Nume -Tl e term "milk prohlurer" includes that part of the mpalation located on farmu in rural arcas or urhan propertiet where cows are kept. Hence mith producess supply the milk rectuired in their own l, wine "liale non-producers purchase thoir requirementa.

| Whan nee and Y'ear | Milk and Cream Conaumed in Pints of Milk |  |  | Daily Consumption <br> Per Capita in Pintas |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Totul | Milk Producera | Non. Producers | Total | Milk 1'roducer: | NonI'roducers |
|  | pt. | pt. | pt. | pt. | pt. | pt. |
| C'anads . . . . . . . . . . . 1812 | 3.8531.213.004 | 1,300. 250.600 | 2.558 .163 .009 | 0.91 | 1.44 |  |
| 182 | 4,12j, 431,000 | $1,3,31,466,000$ | 2.793,565,000 | 0.96 | 1.13 | $0.82$ |
| P.E.I................. $1844^{181}$ | $31.8536,(M 6)$ | 14.461, 01000 | 12.45 .090 | 0.91 | 1.22 | 0.65 |
| P.1.1. 1943 | 34.703. 010 | 20.281.000 | 14,452.000 | 0.98 | 1.27 | 0.74 |
| NS................ 1843 | 119.58 .5 .100 | 8.5.33: 000 | 84, 25.521000 | $0 \cdot 56$ | 0.78 | 0. 50 |
| 1043 | 131.144.000 | 3\%, 583, 0000 | 43, $3+3.3 .160$ | $0 \cdot 60$ | 0.83 | 0.54 |
| 1042 | 17. 9843.000 | 43. 4111.000 | $49.538 .14 x)$ | 0.58 | 0.96 | 0.41 |
| 1943 | 107. 601.000 | 49, 335,000 | 57, 863,000 | 0.62 | 0.89 | 0.47 |
| Tra\% . . . . . . . . . . . . . . 1949 | 115. 541.0100 | 279.042, 100 | $835.5 \pm 19.1401$ | 0.00 | 1. 10 | 0.85 |
| 1943 | 1.175. 858,0097 | 254.065, 000 | 891, 740,000 | 0.63 | 1.11 | 0.89 |
| 1942 | 1.88? 24]. (k1) | 387.374 .040 | 9594. 918.0060 | 0.81 | 1.86 | 0.84 |
| 1943 | 1.472. 520.004 | $385.915,000$ | 1,085, 911,000 | 3.04 | 1.85 | 0.90 |
| Man . . . . . . . . . . . . . . 11942 | 2-4, iss, (thy |  | 121.202. (6) | 0.83 | 1.34 | $0 \cdot 63$ |
| 1943 | 245.307. $14(2)$ | 149.452. (4) | 135, 915, 000 | 0.90 | 1.42 | 0.70 |
| 1942 |  | $24 \% .985 .01 \mathrm{Kr}$ | 11.7世2 190 | 1.08 | 1.26 | 0.59 |
| 1943 | $3 \times 2,151$, 020 | 257. s(24, () (6) | 1144, 247.000 | 1.14 | 1.87 | 0-6.3 |
| 1442 | 313.511 .100 | 133.440. $1 \mathrm{~m} \times 1$ | 1.110. 1710018 | 1.07 | 1.48 | 0.86 0.98 |
| I: $C$ a 1943 | $344.325,1000$ 212.117 | $157.2 n t .00 x$ 29, 415.1500 | 187, $04 \pm .190$ | 1.13 0.70 | $\begin{aligned} & 1.47 \\ & 1.19 \end{aligned}$ | 0.98 0.88 |
| 1: $0 . \ldots \ldots$............. 1942 | $\begin{aligned} & 212,117,1000 \\ & 231,8 \times 8,000 \end{aligned}$ | $\begin{aligned} & 29, ~ 415,1 \times 10 \\ & 28,73 \mathrm{~S}, 000 \end{aligned}$ |  | 0.70 0.78 | 1.19 1.16 | 0.88 0.73 |
|  |  |  |  |  |  |  |

${ }^{3}$ Baxed on the tutai population of Cantadn. buth at bomes and nversens. The sutusa consumption of milk hy ityo resident populntion of Crnada would show somowhat higher per capita avaragea than thase indicnead in this table.
24.- Domeatic Disappesarance of Wairy Products in fanada, 1938-48

| Year | BUTILR |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Butter |  | Creamery |  | Dairy |  | Whey |  |
|  | Disappearance | $\begin{aligned} & \text { Por } \\ & \text { Capila } \end{aligned}$ | Disappearance | Per Capita | Dis. appearance | Per Capita | Disappatrance | Per |
| $\begin{aligned} & 1039 . \\ & 1040 \\ & 1941 . \\ & 1442 . \\ & 1943 . \end{aligned}$ | th. <br> 747. 85, 0 <br> 357, 950, 74. <br> 3.511 .427 .6445 <br> 3817.297 .148 <br> 336,631,581 | $\begin{aligned} & 11 . \\ & 30.74 \\ & 31.29 \\ & 31.24 \\ & 3.14 \\ & 28.55 \end{aligned}$ | 111, $258,155,182$ $271,227,289$ $274,228,241$ $304,76,024$ $479,100,258$ | 16.1 22.83 23.75 $23 \cdot 85$ 26.15 23.67 | 112. 87.718 .843 84.117 .549 $8.1118 .3 \cdot 9$ 78.542 .418 $55,420.843$ | $\begin{aligned} & 1 \mathrm{~b}, \\ & 7 \cdot 76 \\ & 7 \cdot 16 \\ & 7 \cdot 20 \\ & 6.74 \\ & 4.70 \end{aligned}$ | 11. <br> $1,806,013$ <br> 2. (W05,937 <br> 2,151,035 <br> 2, 1192, 116 <br> 2.110,522 | Ib. $\begin{aligned} & 0.16 \\ & 0.18 \\ & 0.19 \\ & 0.25 \\ & 0.18 \end{aligned}$ |
|  | CHWLSE |  |  |  |  |  |  |  |
|  | Toual Cheere |  | Cheridor |  | Other |  | Farm-Made |  |
|  | Disappearatice | Per | Disаррезrance | $\left\lvert\, \begin{gathered} \text { Per } \\ \text { Capits } \end{gathered}\right.$ | Disappearance | Capila | Disappearance | $\begin{gathered} \text { Per } \\ \text { Capita } \end{gathered}$ |
| $\begin{aligned} & 1934 . \\ & 1940 . \\ & 1441 . \\ & 194 . \\ & 1043 . \end{aligned}$ | Jt). <br> $42,471,817$ <br> \$2, ©11, 8: 8 <br> $52.762,0143$ <br> 47,441,147 <br> 52, 286, 10 D | $\begin{aligned} & 1 \mathrm{~b} .{ }^{2} \\ & 3 \cdot 75 \\ & 3 \cdot 74 \\ & 4 \cdot 55 \\ & 4 \cdot 17 \\ & 4 \cdot 47 \end{aligned}$ | Ih. <br> 40,271.539 39, 747, 497 <br> 4!), 4!1, (112 <br> 47. 8547,174 <br> 40, 653,607 | 1 b. $3 \cdot 56$ $3 \cdot 48$ 4.30 $3 \cdot 70$ 4.21 | 113. $1,343.883$ $2,199.553$ 2.418 .501 2.754 .448 $2,272,652$ | $\begin{aligned} & \mathrm{Ib} . \\ & 0.12 \\ & 0.10 \\ & 0.21 \\ & 0.24 \\ & 0.19 \end{aligned}$ | b. 856.375 <br> 814. 838 <br> 798,150 787.275 <br> 760,500 | Ib. 0.07 0.07 0.07 0.07 0.06 |
|  | CONCHNGRATED WHOLE MILK PRODUCTS |  |  |  |  |  |  |  |
|  | Totnl' |  | Evaporated |  | Cordensed |  | Powdered |  |
|  | Diso appoarance | Yor Capita | Disappararance | $\left\lvert\, \begin{gathered} \text { Per } \\ \text { Capita } \end{gathered}\right.$ | Dis. appearance | Per Capita | Disappentunco | 1'er Cupita |
| $\begin{aligned} & 1939, \\ & 1440, \\ & 1441 \\ & 1044 \\ & 1943 . \end{aligned}$ |  | $\begin{gathered} 1 \mathrm{lb} \cdot \\ 4 \cdot 2.4 \\ 9 \cdot 80 \\ 1 \cdot 9 \cdot 93 \\ 14 \cdot 5.5 \\ 15 \cdot 16 \end{gathered}$ | th. <br> 94.301.041 <br> 102. 017.403 <br> 103.754 . 183 <br> 1451,09 | $\begin{aligned} & \mathrm{lty}, \\ & 8.33 \\ & 8.93 \\ & 0.02 \\ & 9.45 \\ & 12.96 \end{aligned}$ | (h. <br> 7,470,3.34 <br> 7.047 .784 <br> 5, 857, 274 <br> 12,530. $50=$ <br> 9,048.378 | $\begin{aligned} & \text { 1h. } \\ & 0.62 \\ & 0.62 \\ & 0.51 \\ & 1.08 \\ & 0.77 \end{aligned}$ | 16.218 $1.618,518$ 1.773 .699 $3.882,456$ 7.542 .085 $16,112.818$ | $\begin{aligned} & \text { lb. } \\ & 0.14 \\ & 0.16 \\ & 0.34 \\ & 0.65 \\ & 1.37 \end{aligned}$ |

For footnotes, see ond of table, p. S.

## 24.-Domestic Disappearance of Dalry Products in Canada, 1933-43-coneluded

| Year | CONCENTRATED MILK BY-PRODUCTS |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total ${ }^{\text {s }}$ |  | Evaporated |  | Condensed |  | Powdered |  |
|  | Dis. appearance | Capita | Disappearance | $\begin{aligned} & \text { Per } \\ & \text { Capita } \end{aligned}$ | Dis. appearance | Per Capita | Disappearance | Per Capita |
| $\begin{aligned} & 1939 \ldots . \\ & 1940 \ldots \\ & 1941 \ldots . \\ & 1942 \ldots \\ & 1843 \ldots . \end{aligned}$ | 1 l . | 1 b . | lb . | 1 l. | 1 b . | ib. | lb . | 1b. |
|  | 37.824 .594 37.802 .891 | $3 \cdot 34$ $3 \cdot 31$ | 963,562 $1.049,617$ | 0.09 0.09 | $3.547,796$ $4.291,224$ | 0.31 0.38 | 25, 083, 796 | $2 \cdot 30$ 2.28 |
|  | 39,711,398 | $3 \cdot 45$ | 1.2198.472 | ${ }_{0}^{0.11}$ | 4,515.544 | 0.38 0.39 | $25.769,624$ $27,524,832$ | $2 \cdot 28$ $2 \cdot 39$ |
|  | 39,278,115 | 3.37 | 1.611.921 | $0 \cdot 14$ | 4,152,527 | 0.36 | 25,639,433 | $2 \cdot 39$ $2 \cdot 20$ |
|  | 39, 133, 187 | 3-32 | 1,515,811 | $0 \cdot 13$ | 4,121,118 | 0.34 | 23,607,582 | $2 \cdot 00$ |
|  | FLUID MILK AND CIREAM |  |  |  |  |  |  |  |
|  | Total |  | Milk |  | Cream as Product |  | Crearn as Milk |  |
|  | Disappearance | $\begin{aligned} & \text { Per } \\ & \text { Capita } \end{aligned}$ | Dis. арреыгапсе | Per Capita | Disappearance | Per Capita | Disарренгане | $\begin{aligned} & \text { Per } \\ & \text { Crpita } \end{aligned}$ |
|  | lb. | lb . | lb. | 1 b . | 1b. | 1 b | Ib. | Ib. |
| $\begin{aligned} & 1839 . \\ & 1990 . \end{aligned}$ | $4.802,2699,000$ $4.825,475,000$ | 424.42 422.56 | $3.309,0790000$ | 300.39 307 307 | 243.544,000 | 18.87 | 1.403,290,000 | 124.03 |
| 1944. | 4,75: $4.989,000$ | 422.56 413.67 | $3.514 .15080,1400$ | $307 \cdot 71$ 310.30 | $149,625,0(6)$ $194 \times 350,000$ | 17.48 | $1,311.813,000$ <br> 1,303 <br> 155,000 | 114.85 |
| 1042 | 5,062,010,000 | 434.3n | 3,915.975, (40) | 3.36 .25 | 170.233.000 | 14.61 | 1.143,035,000 | 113.28 08.08 |
| 1843. | 5,420,625,000 | 459-57 | 4.612.174.000 | 301.031 | 170, 605, 000 | 14.46 | 808,451,000 | 68.54 |

ALL. DAIRY PIRODUCTS IN TRRMS OF MILK


[^2]
[^0]:    ${ }^{2}$ Brasod on value of whoh milk an farma, the haulage costs of milk and cream beine ledurleal from plant values. :Includes farm-produced skim milk, buttermilk nud whey, not represented in dairy farm values in previnus years. The value of this item way $\$ 3,50,0.015$ in 1942 and with carresponding valuen $\$ 2,874,000$ in 1943.

[^1]:    ${ }^{1}$ Does not include malted milk and condented cofer products as luss than threo firms remorted these Lurl prosucts.

[^2]:    ${ }^{2}$ Includes condensed coffee, malted milk and cream powder; items that do not appear separately in this table. $\quad$ Includes four items not separately listed, namely, ponsensed hut termilk, powdered buttermilk, sugar of milk and casein products.

