

207,000,000 lb., the largest production since 1904. The 1947 output was 123,000,000 lb., a decrease of approximately 26,000,000 lb., as compared with that of the previous year.

The production of farm-made cheese is comparatively small compared with the factory product, seldom exceeding 1,000,000 lb. since the establishment of the factory system in the early 1880's. The 1947 production was 740,000 lb.

During recent years a wider range of cheese products has been manufactured in Canada; Roquefort and Cheshire types of cheese are now being produced in small quantities. Oka and Trappist cheese have been made in the Trappist monasteries for a number of years, and limited quantities of Limburger and lesser known varieties are also being produced to meet the needs of a special trade. Processed cheese, a secondary product of cheddar cheese representing about 18 p.c. of the poundage, is another industry which has developed considerably in the past few years. In 1947, 27,000,000 lb. was manufactured in comparison with 12,000,000 lb. ten years ago. Then, too, greater use is being made of by-products from cheese. The production of lactose is a comparatively new development in Canada; the amount imported is still considerably in excess of the domestic output. This product is made from milk-sugar crystals obtained from whey by a process of evaporation. Lactose is being used for many purposes but it has gained special importance as a media for the growth of the mould from which penicillin is obtained.

**Concentrated Milk Products.**—Data covering products which appear in Table 25 include approximately 259,785,000 lb. of concentrated whole-milk products and 77,463,000 lb. of concentrated milk by-products. The total production of all products combined in 1947 amounted to approximately 337,248,000 lb. as compared with an output of 300,799,000 lb. in the preceding year. Since 1940 there has been a greater demand for evaporated milk, condensed milk and whole-milk powder both for export and for domestic use. Hence greater quantities of these products are now being manufactured than was the case in the pre-war years.

**25.—Production of Concentrated Milk Products, 1943-47**

NOTE.—Figures for the years 1921-42 are given at p. 12 of the report "Dairying Statistics of Canada 1947".

Item	1943	1944	1945	1946	1947
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
<b>Concentrated Whole-Milk Products—</b>					
Evaporated milk.....	178,368	184,344	200,529	191,586	211,894
Condensed milk.....	26,915	31,021	28,582	31,026	29,229
Whole-milk powder.....	15,053	16,022	14,850	15,468	15,662
Miscellaneous whole-milk products.....	766	1,070	1,743	2,729	3,000
<b>Totals, Concentrated Whole-Milk Products.....</b>	<b>221,102</b>	<b>232,457</b>	<b>245,705</b>	<b>240,809</b>	<b>259,785</b>
<b>Concentrated Milk By-Products—</b>					
Condensed skim milk.....	4,041	3,505	3,561	3,531	4,263
Evaporated skim milk.....	1,632	2,413	2,373	3,195	3,936
Skim-milk powder.....	22,352	29,703	37,111	42,580	54,249
Condensed buttermilk.....	1,648	2,400	2,549	2,501	3,619
Buttermilk powder.....	5,590	4,467	3,641	3,666	4,165
Casein.....	3,112	2,961	3,683	4,040	6,756
<b>Totals, Concentrated Milk By-Products<sup>1</sup>.....</b>	<b>38,665</b>	<b>46,002</b>	<b>53,561</b>	<b>59,990</b>	<b>72,463</b>
<b>Grand Totals.....</b>	<b>259,767</b>	<b>278,459</b>	<b>299,266</b>	<b>300,799</b>	<b>337,248</b>

<sup>1</sup> Includes lactose.