

Table 5.—Grand Summary of all Effective Herd-testing Results on the Basis of all Cows in Milk 100 Days or over received for the Last Two Seasons.

	1929-30.			1930-31.		
	Number of Cows.	Days in Milk.	Butterfat-production.	Number of Cows.	Days in Milk.	Butterfat-production.
			lb.			lb.
Average for all cows	272,554	247	253·61	260,469	247	241·05
Average for all Group cows ..	236,941	251	254·32	234,799	250	241·50
Average for all Association cows	35,613	223	248·88	25,670	225	236·90
Highest Group average	1,113	281	318·42	812	277	302·73
Lowest Group average	1,025	194	173·96	326	211	152·76
Highest Association average ..	5	293	440·93	4	275	405·00
Lowest Association average ..	108	143	150·04	54	187	139·62
Highest Group herd	7	275	455·43	12	286	430·25
Lowest Group herd	15	117	78·46	26	132	77·19
Highest Association herd	5	288	485·54	4	258	434·06
Lowest Association herd	12	139	71·19	2	107	67·91
Highest Group cow .. ..	..	350	886·00	..	324	724·00
Lowest Group cow .. ..	..	130	11·00	..	100	12·00
Highest Association cow .. ..	..	285	639·00	..	306	714·31
Lowest Association cow .. ..	..	100	20·00	..	100	27·00
Average daily production of butterfat for all Group cows	..	..	1·01	..	..	0·96
Average daily production of butterfat for all Association cows	..	..	1·11	..	..	1·05

In previous years tables have been given, prepared from Dairy Division figures, embodying a comparison of the Association test on the basis of all cows in milk 100 days or more and all cows in milk 210 days or more. This was considered a useful tabulation, but the Division has withdrawn from herd-testing to such an extent that on last year's returns only 2,719 cows would qualify for inclusion in the 100-days-or-more classification, and 1,787 of these for the 210-days section. These numbers are so small that it may be dangerous to assume them sufficiently representative, and it has been thought wise to drop this tabulation for the present.

Table 6 is a butterfat-production summary according to land districts, and covers four seasons. All land districts except Wellington are lower than last year. The table would be of greater value were it possible to combine with it a comprehensive survey of particulars relating to the conditions, from a dairying point of view, which obtain in each locality.

Table 7 provides an indication of the distribution, in 50-lb. classes, of the records for all cows tested in the Dominion during the period under review and for which effective summaries were received. The 1929-30 statistics are included for comparison purposes. The drop in average butterfat production is borne out by the analysis, the lower groups showing an increase.