

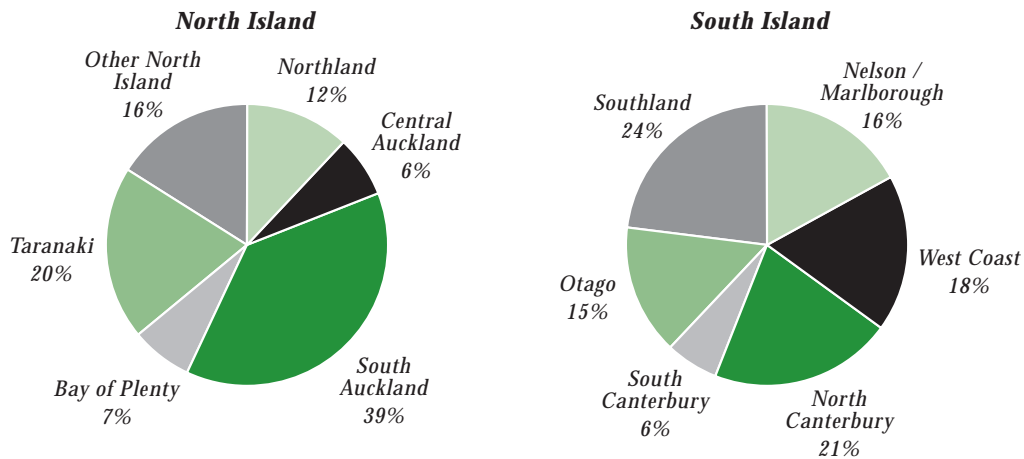
3. Regional dairy statistics

- Little change in the distribution of dairy farms from 1998/99 to 1999/00**

During the 1999/00 season, seven of the 14 dairy companies mainly supplied product for export (seasonal supply) and seven supplied the domestic market (town supply).

South Island farms account for 15% of the national total, compared with 14% last season. The distribution of dairy farms within regions of each island in 1999/00 (Graph 3.1) has remained similar to the previous season.

Graph 3.1: Regional distribution of dairy farms in 1999/00



- **0.6% decrease in cow numbers**
- **South Island cow numbers increase by 8.2%**
- **Average herd size in the South Island reaches 347**

Farms in the South Island are, on average, larger than those in the North Island, in terms of both physical size and cow numbers. Herd numbers in the North Island decreased 4.5% from 12,335 in 1998/99 to 11,775 in 1999/00 (Table 3.1). In contrast, the number of herds in the South Island increased 2.9% from 2,027 in 1998/99 to 2,086 in 1999/00. The average herd size in both islands continues to increase. Within the South Island, South Canterbury has the largest average herd size with 473 cows, up from the previous season's figure of 437 cows. In the North Island, Hawkes Bay has the largest average herd size with 359 cows.

Overall the number of dairy cows decreased by 0.6% from the 1998/99 season to the 1999/00 season, with the North Island cow population dropping by 2.9% (from 2,620,567 to 2,545,839) in contrast to the South Island cow population which rose by 8.2% (from 668,752 to 723,523).

Table 3.1: 1999/00 Herd analysis by region

<i>Farming region</i>	<i>Total herds</i>	<i>Total cows</i>	<i>Average herd size</i>	<i>Average effective hectares</i>	<i>Average cows per hectare</i>
Northland	1,455	286,689	197	99	2.1
Central Auckland	760	141,702	186	83	2.4
South Auckland	4,468	935,032	209	78	2.8
Bay of Plenty	782	183,706	235	88	2.8
Central Plateau	455	132,192	291	128	2.5
Western Uplands	80	20,705	259	123	2.4
East Coast	16	3,697	231	81	2.9
Hawkes Bay	67	24,062	359	142	2.6
Taranaki	2,391	482,371	202	75	2.8
Wellington	669	179,330	268	101	2.8
Wairarapa	632	156,353	247	95	2.7
North Island	11,775	2,545,839	216	86	2.7
Nelson/Marlborough	340	78,994	232	93	2.6
West Coast	366	84,300	230	121	2.0
North Canterbury	436	188,552	432	153	2.9
South Canterbury	120	56,744	473	171	3.0
Otago	304	118,069	388	142	2.9
Southland	520	196,864	379	146	2.7
South Island	2,086	723,523	347	135	2.7
New Zealand	13,861	3,269,362	236	93	2.7



• **Highest farm production recorded in South Canterbury**

South Island farms have, on average, higher per farm production, with South Canterbury recording the highest average farm production at 89,062 kilograms of milkfat and 69,052 kilograms of protein (Table 3.2). These figures are consistent with the South Canterbury region having the largest average herd size. In the North Island the Hawkes Bay region recorded the highest average farm production with 66,012 kilograms of milkfat and 50,682 kilograms of protein.

In 1999/00 production per effective hectare and per cow shows that milkfat and protein per hectare and per cow is higher in the South Island than the North Island.

Table 3.2: 1999/00 Farm production analysis by region

<i>Farming region</i>	<i>Average litres per farm</i>	<i>Average milkfat per farm</i>	<i>Average protein per farm</i>	<i>Average milkfat per effective hectare</i>	<i>Average protein per effective hectare</i>	<i>Average milkfat per cow</i>	<i>Average protein per cow</i>
Northland	656,600	31,077	23,357	319	240	152	114
Central Auckland	615,758	28,664	21,778	350	266	149	113
South Auckland	719,409	34,590	25,894	450	336	161	120
Bay of Plenty	823,982	38,465	28,958	445	335	159	119
Central Plateau	1,050,980	49,627	36,989	409	304	167	124
Western Uplands	905,860	45,011	32,383	402	289	170	122
East Coast	760,887	36,611	27,506	491	367	169	126
Hawkes Bay	1,399,808	66,012	50,682	449	344	173	133
Taranaki	695,216	35,886	26,479	485	358	173	127
Wellington	979,179	45,686	35,019	456	349	165	126
Wairarapa	891,097	43,396	32,652	465	348	171	128
North Island	748,971	36,230	27,134	433	324	163	121
Nelson/Marlborough	829,015	39,842	29,516	437	322	167	123
West Coast	800,667	40,602	28,891	344	244	175	124
North Canterbury	1,733,324	81,139	63,012	523	408	178	139
South Canterbury	1,907,017	89,062	69,052	539	419	182	141
Otago	1,546,358	71,215	55,570	515	402	177	138
Southland	1,503,047	70,709	54,895	495	384	182	141
South Island	1,347,631	63,705	48,805	470	359	177	134
New Zealand	839,066	40,365	30,396	439	329	165	123

South Taranaki is the district with the most herds (1,378) and cows totalling 293,248 (Table 3.3). Waimate in South Canterbury has the highest average herd size with 615 cows and largest average hectares (236).



Table 3.3: 1999/00 Herd analysis by district

<i>Region</i>	<i>District</i>	<i>Total herds</i>	<i>Total cows</i>	<i>Average herd size</i>	<i>Average effective hectares</i>	<i>Average cows per hectare</i>
Northland	Far North	412	75,865	184	93	2.1
	Whangarei	457	96,897	212	106	2.1
	Kaipara	586	113,927	194	97	2.1
Central Auckland	Rodney	281	50,609	180	89	2.1
	Manukau City	32	6,520	204	75	2.7
	Papakura	17	2,989	176	74	2.5
	Franklin	430	81,584	190	80	2.5
South Auckland	Waikato	872	185,088	212	84	2.7
	Hamilton City	11	2,030	185	77	2.5
	Waipa	726	155,974	215	80	2.8
	Otorohanga	436	97,528	224	87	2.7
	Thames-Coromandel	116	24,967	215	88	2.6
	Hauraki	539	110,229	205	77	2.8
	Matamata-Piako	1,361	267,738	197	69	3.0
	South Waikato	407	91,478	225	86	2.7
Bay of Plenty	Western Bay of Plenty	284	67,856	239	88	2.8
	Tauranga	11	2,715	247	90	2.6
	Kawerau/Whakatane	380	90,123	237	89	2.8
	Opotiki	107	23,012	215	83	2.7
Central Plateau	Taupo	106	36,299	342	170	2.2
	Rotorua	349	95,893	275	115	2.5
Western Uplands	Waitomo	64	16,681	261	124	2.4
	Ruapehu	16	4,024	252	117	2.3
East Coast	Gisborne	6	1,189	198	67	2.9
	Wairoa	10	2,508	251	90	2.9
Hawkes Bay	Napier/Hastings	23	7,999	348	143	2.5
	Central Hawkes Bay	44	16,063	365	141	2.6
Taranaki	New Plymouth	624	117,673	189	75	2.6
	Stratford	389	71,450	184	70	2.7
	South Taranaki	1,378	293,248	213	76	2.9
Wellington	Wanganui	29	7,756	267	116	2.5
	Rangitikei	94	27,046	288	111	2.7
	Manawatu	303	79,303	262	97	2.8
	Palmerston North City	43	13,757	320	113	2.9
	Horowhenua	159	42,347	266	102	2.8
	Kapiti Coast	32	7,602	238	87	2.9
	Upper Hutt City	9	1,519	169	76	2.2
Wairarapa	Tararua	413	94,796	230	87	2.7
	Masterton	22	7,214	328	124	2.8
	Carterton	89	22,757	256	94	2.9
	South Wairarapa	108	31,586	293	118	2.6
North Island		11,775	2,545,839	216	86	2.7
Nelson/Marlborough	Marlborough	87	19,146	220	85	2.8
	Kaikoura	29	9,366	323	125	2.6
	Nelson City	7	1,320	189	62	3.1
	Tasman	217	49,162	227	93	2.6
West Coast	Buller	124	28,946	233	107	2.3
	Grey	62	16,780	271	144	1.9



Regional dairy statistics

Table 3.3 continued

Region	District	Total herds	Total cows	Average herd size	Average effective hectares	Average cows per hectare
North Canterbury	Westland	180	38,574	214	122	1.8
	Hurunui	47	26,526	564	219	2.9
	Waimakariri	74	20,082	271	107	2.8
	Christchurch City	11	2,927	266	81	3.3
	Banks Peninsula	16	2,358	147	78	2.0
South Canterbury	Selwyn	147	59,903	408	137	3.0
	Ashburton	141	76,756	544	186	3.0
	Timaru/MacKenzie	76	29,681	391	134	3.1
	Waimate	44	27,063	615	236	2.8
	Waitaki/Central Otago	79	40,476	512	180	3.0
Otago	Dunedin City	89	24,924	280	101	3.0
	Clutha	136	52,669	387	147	2.8
Southland	Gore	67	27,890	416	151	2.9
	Invercargill	52	17,968	346	136	2.6
	Southland	401	151,006	377	147	2.7
South Island		2086	723,523	347	135	2.7
New Zealand		13,861	3,269,362	236	93	2.7

NOTE: Districts with fewer than five farms have been added to a neighbouring district to preserve the anonymity of the farms

Waimate district, with 44 farms, has the highest average production per farm with 119,034 kilograms of milkfat per farm and 91,459 kilograms of protein per farm (Table 3.4). The North Island district with the highest production is Central Hawkes Bay with an average of 66,431 kilograms of milkfat per farm and 50,919 kilograms of protein per farm.

Table 3.4: 1999/00 Farm production analysis by district

Region	District	Average litres per farm	Average kg milkfat per farm	Average kg protein per farm	Average kg milkfat per effective ha	Average kg protein per effective ha	Average kg milkfat per cow	Average kg protein per cow
Northland	Far North	589,905	27,556	20,787	295	222	143	108
	Whangarei	725,034	34,949	26,068	335	249	159	118
	Kaipara	650,123	30,533	23,048	323	244	152	115
Central Auckland	Rodney	582,886	28,255	20,935	320	236	150	111
	Manukau City	719,828	31,652	24,722	413	322	152	118
	Papakura	576,619	25,687	19,956	357	275	142	110
	Franklin	631,043	28,827	22,182	366	281	148	113
	Waikato	729,470	34,252	25,994	419	317	157	119
South Auckland	Hamilton City	608,619	30,845	22,487	393	284	150	108
	Waipa	744,571	35,611	26,738	449	336	161	120
	Otorohanga	779,226	37,532	28,004	436	325	163	121
	Thames-Coromandel	728,593	34,629	25,870	400	299	156	117
	Hauraki	700,764	33,577	25,126	440	329	160	120
	Matamata-Piako	665,978	32,719	24,286	482	357	162	120
	South Waikato	792,629	38,031	28,405	450	335	166	124
Bay of Plenty	Western Bay of Plenty	827,620	39,234	29,420	449	336	161	120
	Tauranga	895,393	41,870	31,671	435	328	162	122
	Kawerau/Whakatane	840,404	38,601	29,218	446	337	158	119
	Opotiki	748,664	35,591	26,533	435	323	159	118
Central Plateau	Taupo	1,246,873	58,990	43,997	364	271	166	124
	Rotorua	991,482	46,782	34,860	423	314	168	125
Western Uplands	Waitomo	904,644	43,644	32,452	390	290	163	121



Regional dairy statistics

Table 3.4 continued

Region	District	Average litres per farm	Average kg milkfat per farm	Average kg protein per farm	Average kg milkfat per effective ha	Average kg protein per effective ha	Average kg milkfat per cow	Average kg protein per cow
East Coast	Ruapehu	910,723	50,481	32,108	448	282	197	124
	Gisborne	716,437	34,658	25,975	522	387	188	138
	Wairoa	787,557	37,784	28,425	472	355	158	119
Hawkes Bay	Napier/Hastings	1,414,267	65,210	50,228	425	327	172	132
	Central Hawkes Bay	1,392,250	66,431	50,919	461	352	174	133
Taranaki	New Plymouth	637,662	32,533	23,899	437	321	167	122
	Stratford	618,459	31,218	23,244	445	331	165	122
	South Taranaki	742,947	38,722	28,560	518	382	178	131
Wellington	Wanganui	981,014	44,719	34,449	401	308	164	126
	Rangitikei	1,051,792	51,078	38,597	471	355	172	130
	Manawatu	958,636	44,962	34,398	462	353	166	126
	Palmerston North City	1,203,995	55,742	42,883	490	374	168	128
	Horowhenua	969,776	44,440	34,316	450	346	163	126
	Kapiti Coast	819,196	35,762	28,071	429	337	150	118
	Upper Hutt City	567,287	26,128	19,943	339	259	157	120
Wairarapa	Tararua	817,327	40,107	30,022	465	347	171	127
	Masterton	1,242,526	58,860	44,811	486	367	175	133
	Carterton	915,931	43,717	33,179	471	358	166	126
	South Wairarapa	1,081,148	52,560	39,800	453	341	178	134
North Island		748,971	36,230	27,134	433	324	163	121
Nelson/Marlborough	Marlborough	774,537	35,978	26,804	438	325	160	118
	Kaikoura	1,221,451	58,603	43,942	454	342	177	133
	Nelson City	657,671	28,429	22,285	453	355	148	116
	Tasman	803,938	39,252	28,909	433	318	168	124
West Coast	Buller	808,243	40,557	28,953	379	269	169	120
	Grey	962,906	47,819	34,323	339	242	177	126
	Westland	739,566	38,147	26,977	322	227	178	126
North Canterbury	Hurunui	2,275,457	107,387	82,730	535	413	188	145
	Waimakariri	1,025,621	45,786	36,039	447	352	161	127
	Christchurch City	983,622	45,182	34,917	515	405	153	120
	Banks Peninsula	451,595	20,464	15,622	264	201	135	103
	Selwyn	1,643,711	75,960	59,538	528	415	176	138
	Ashburton	2,221,390	106,033	81,788	585	451	193	149
South Canterbury	Timaru/MacKenzie	1,566,406	71,711	56,080	543	426	175	138
	Waimate	2,495,345	119,034	91,459	531	408	193	148
Otago	Waitaki/Central Otago	2,109,145	97,444	76,011	558	436	186	145
	Dunedin City	1,064,313	47,595	37,353	484	379	165	129
	Clutha	1,534,902	71,436	55,617	510	398	180	140
Southland	Gore	1,638,283	76,034	58,994	515	399	179	139
	Invercargill	1,392,979	64,991	50,902	446	347	174	135
	Southland	1,494,725	70,560	54,728	498	386	184	142
South Island		1,347,631	63,705	48,805	470	359	177	134
New Zealand		839,066	40,365	30,396	439	329	165	123

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