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# Compendium of New Zealand Farm Facts



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DEER INDUSTRY NEW ZEALAND	
INTERNATIONAL WOOL TEXTILE ORGANISATION	
LIVESTOCK IMPROVEMENT CORPORATION LTD	
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NIWA	NZ PORK INDUSTRY BOARD
STATISTICS NEW ZEALAND	ASUREQUALITY
NEW ZEALAND WOOL SERVICE INTERNATIONAL LTD	

This booklet brings together in summary form a selection of information which is available from recognised sources noted above and to whom thanks are due.

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## NEW ZEALAND FARM PRODUCTION GENERAL

Area	The total area of New Zealand (including minor islands) is 26.8 million hectares.
Situation	The main islands are located between latitudes 34 and 47S and from 166 to 179E longitude. Including outlying islands, New Zealand's administrative boundaries are significantly larger.
Distance	Approximately 1600 kilometres north to south and 450 kilometres at the widest point. New Zealand is very mountainous with approximately one quarter of the total area below 200 metres altitude.
North Island	11.5 million ha. Mountainous area is one-tenth of total.
South Island	15.0 million ha. Mountainous area is over half of total.
Climate	New Zealand national climate summary for 2010: Settled and warm. Annual mean sea level pressures were above average over the New Zealand region in 2010. The increased prevalence of anticyclones ('highs') near New Zealand produced a relatively settled climate for the year overall, with average or above average annual temperatures in all regions, normal or above normal sunshine hours in most districts, and drought at either end of the year.

### ANNUAL RAINFALL BY DISTRICT (mm)\*

NORTH ISLAND		SOUTH ISLAND	
Kaitiaki	1,334	Nelson	970
Whangarei	1,490	Blenheim	655
Auckland	1,240	Westport	2,274
Tauranga	1,198	Kaikoura	844
Hamilton	1,190	Hokitika	2,875
Rotorua	1,401	Christchurch	648
Gisborne	1,050	Mt Cook	4,293
Taupo	1,102	Lake Tekapo	600
New Plymouth	1,432	Timaru	573
Napier	803	Milford Sound	6,749
Wanganui	882	Queenstown	913
Palmerston North	966	Alexandra	360
Masterton	979	Manapouri	1,164
Wellington	1,249	Dunedin	812
		Invercargill	1,112
		Chatham Islands	855

\*30 year average.

Source: NIWA (Atmospheric Division)

## POPULATION (2010):

New Zealand's total population is estimated at 4,367,700 at 30 June 2010, an increase of 1.2 per cent over the previous 12 months. Based on 2006 Census data 14% of the population live in rural areas and 86% live in urban areas. 76% of the urban population is in the North Island.

MAIN URBAN AREAS		SECONDARY URBAN AREAS	
Whangarei	51,900	Pukekohe	25,600
Auckland	1,354,900	Tokoroa	13,400
Hamilton	203,400	Taupo	22,300
Tauranga	120,000	Whakatane	18,750
Rotorua	55,900	Hawera	11,050
Gisborne	34,200	Feilding	14,500
Napier / Hastings	124,400	Levin	19,550
New Plymouth	52,200	Masterton	20,100
Wanganui	39,700	Blenheim	30,200
Palmerston North	81,600	Greymouth	10,000
Kapiti	40,000	Ashburton	17,800
Wellington	389,700	Timaru	27,600
Nelson	59,800	Oamaru	12,950
Christchurch	390,300	Gore	9,770
Dunedin	116,600		
Invercargill	48,700		

## AREA OF FARMING LAND 2007<sup>1</sup>:

14.7 million hectares. The allocation in million hectares was:

11.0 in grassland, lucerne, tussock or danthonia

1.7 in plantations

0.1 in horticulture

1.9 other land or holdings

## FARM HOLDINGS 2007:

In 2007 there were 63,336 holdings, irrespective of size or location, with an average area of 232 hectares.

## TYPES OF FARMS 2007:

46% mainly sheep & beef farming

18% mainly dairy farming

1% mixed livestock

3% crop farming

17% hort. & orchards

15% other

<sup>1</sup> Source: Statistics New Zealand, Agricultural Census 2007, ANZSIC 2006

## SHEEP

Sheep Numbers at 30 June 2010p

21.7 million Breeding ewes

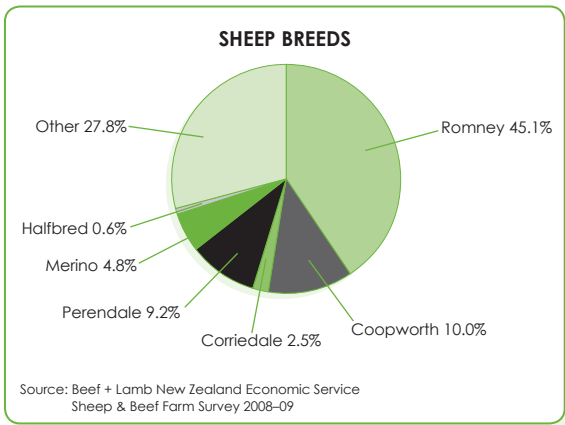
10.8 million ewe hoggets, dry ewes, wethers, rams

32.5 million sheep wintered

-23.1% on 2000

+0.4% on 2009

p = Provisional.



## BREEDING FLOCKS

The major breed in the North Island and southern districts of the South Island is the Romney. Corriedale and Halfbred sheep are mainly found in Canterbury, Marlborough and parts of Otago. Merino sheep are predominantly farmed in the South Island high country.

## WOOL

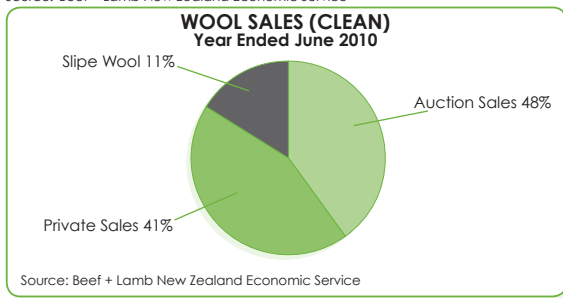
New Zealand is the third largest producer of wool on a "clean" basis in the world, and produces 11% of world production.

The main shear generally takes place from November to January and sheep are machine shorn on approximately 45,000 stands. Merino sheep are sometimes blade shorn in cooler regions.

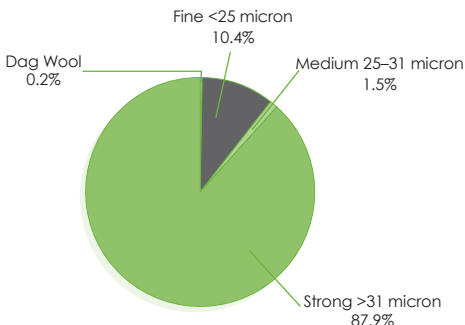
## WOOL PRODUCTION AND AUCTION PRICE

	000 TONNES GREASY	NZ CENTS PER KG GREASY
1939-40	141	22.4
1959-60	262	82.0
1979-80	357	265.1
1985-86	358	343.8
1990-91	305	316.4
1991-92	296	327.6
1992-93	256	326.8
1993-94	284	312.4
1994-95	289	414.4
1995-96	269	371.5
1996-97	275	333.2
1997-98	266	337.5
1998-99	252	304.0
1999-00	257	329.9
2000-01	237	392.2
2001-02	229	385.3
2002-03	230	414.0
2003-04	218	353.3
2004-05	216	326.1
2005-06	225	298.4
2006-07	218	309.6
2007-08	206	313.7
2008-09	158	308.7
2009-10	173	313.5

Source: Beef + Lamb New Zealand Economic Service

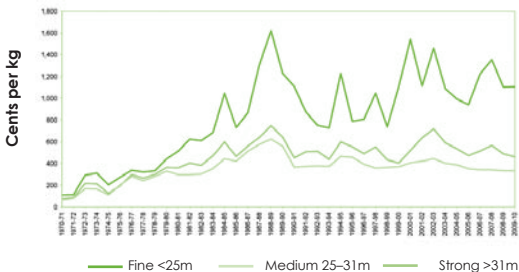


## WOOL SOLD AT AUCTION (CLEAN) Year Ended June 2009



Source: Beef + Lamb New Zealand Economic Service

## ANNUAL WOOL PRICE TREND

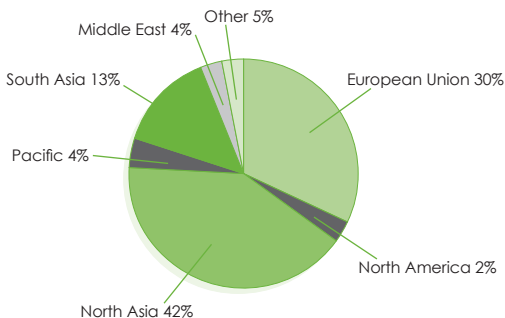


Source: Beef + Lamb New Zealand Economic Service  
New Zealand Wool Service International Ltd

Wool fibre export earnings for the year ended 30 June 2010 were \$552.5 million (FOB). Wool carpet and rug export receipts were \$72.4 million with intermediate products (tops, yarns and sliver) and other final woollen products contributing a further \$120.8 million. All wool products represented 2.1% (\$745.8 million) of the total value of New Zealand merchandise exports.

## WOOL EXPORTS (CLEAN)

Year Ended June 2010



Source: Beef + Lamb New Zealand Economic Service

## MEAT

Total inspected slaughter for the year ended 30 September 2010 at export plants and abattoirs were:

21.4	million lambs	0.7	million pigs
3.9	million sheep	0.4	million deer
2.4	million cattle	0.1	million goats
1.6	million calves		

Total meat production on a bone-in basis for the same period was:

	000 TONNES	% AVAILABLE FOR EXPORT
Lamb	375.2	93%
Mutton	95.7	91%
Beef & Veal	635.3	82%
Pig meat	47.1	4%
Goat meat	1.2	81%
Venison	21.3	99%
	1175.8	84%

Source: Ministry of Agriculture and Forestry (MAF)  
 Beef + Lamb New Zealand Economic Service  
 Statistics New Zealand  
 Deer Industry New Zealand (DINZ)

## MEAT EXPORTS BY REGION

Major destinations of 2009-10 meat shipments by shipped weight were:

SEPTEMBER YEAR	LAMB	MUTTON	BEEF & VEAL	OTHER <sup>1</sup>
Africa	3%	5%	0%	12%
European Union	49%	29%	3%	21%
Middle East	10%	10%	2%	6%
North America	12%	14%	50%	2%
North Asia	16%	25%	26%	26%
Pacific	5%	4%	3%	3%
South Asia	1%	12%	14%	25%
Others	4%	1%	2%	5%
	100%	100%	100%	100%

<sup>1</sup> meat and offal, variety meats, goat meat.

Source: Beef + Lamb New Zealand Economic Service  
New Zealand Meat Board

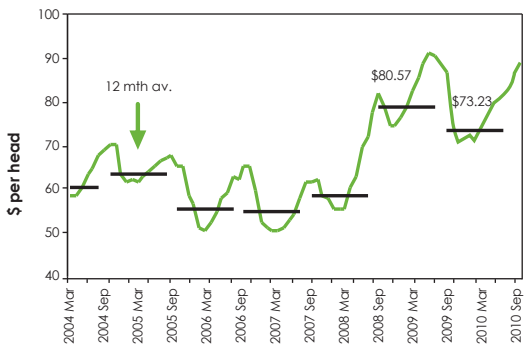
## AVERAGE EXPORT CARCASE WEIGHTS

Kilograms per head:

YEAR ENDED 30 SEPTEMBER	2009	2010	% CHANGE
<b>LAMB</b>			
North Island	17.70	17.58	-0.7%
South Island	17.65	17.68	0.2%
NEW ZEALAND	17.67	17.63	-0.2%
<b>MUTTON</b>			
North Island	23.65	23.38	-1.1%
South Island	25.44	26.12	2.7%
NEW ZEALAND	24.56	24.75	0.8%
<b>STEER AND HEIFER</b>			
North Island	272.56	279.96	2.7%
South Island	285.20	292.91	2.7%
NEW ZEALAND	275.96	283.53	2.7%
<b>COW</b>			
North Island	196.35	195.33	-0.5%
South Island	209.67	210.94	0.6%
NEW ZEALAND	199.76	199.28	-0.2%
<b>BULL</b>			
North Island	299.29	309.60	3.4%
South Island	307.79	318.78	3.6%
NEW ZEALAND	300.84	311.28	3.5%

Source: Beef + Lamb New Zealand Economic Service  
New Zealand Meat Board

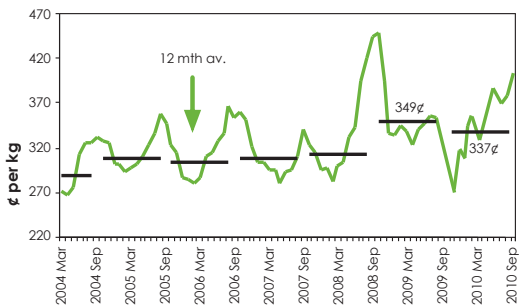
### YM LAMB \$ PER HEAD MONTH AND ANNUAL AVERAGE



Average Carcase 15.6kg

Source: Beef + Lamb New Zealand Economic Service

### M BULL CENTS PER KG MONTH AND ANNUAL AVERAGE



Average Carcase 270–295kg

Source: Beef + Lamb New Zealand Economic Service

## MEAT EXPORTS

Year Ended 30 September 2010

TYPE	TOTAL SHIPPED TONNES	FOB \$(000)	\$ PER SHIPPED TONNE
Carcases	8,121	54,742	6,741
Cuts	242,342	1,792,461	7,396
Boneless	45,179	536,389	11,872
<b>LAMB</b>	<b>295,642</b>	<b>2,383,593</b>	<b>8,062</b>
Carcases	9,346	39,790	4,258
Cuts	27,524	117,058	4,253
Boneless	26,230	190,745	7,272
<b>MUTTON</b>	<b>63,099</b>	<b>347,593</b>	<b>5,509</b>
Carcases	34	139	4,104
Cuts	25,203	78,932	3,132
Boneless	324,811	1,724,841	5,310
<b>BEEF</b>	<b>350,047</b>	<b>1,803,912</b>	<b>5,153</b>
Carcases	948	2,859	3,016
Cuts	3,789	14,615	3,857
Boneless	11,242	49,055	4,364
<b>BOBBY</b>	<b>15,979</b>	<b>66,529</b>	<b>4,164</b>
<b>GOAT</b>	<b>968</b>	<b>6,887</b>	<b>7,114</b>
<b>OFFALS</b>	<b>65,152</b>	<b>188,906</b>	<b>2,899</b>
<b>TOTAL</b>	<b>790,888</b>	<b>4,797,419</b>	<b>6,066</b>

Source: Beef + Lamb New Zealand Economic Service

## AVERAGE EXPORT PAYMENT TO FARMERS

Year Ended 30 September

	LAMB <sup>1</sup> \$ PER HEAD	MUTTON <sup>1</sup> \$ PER HEAD	BEEF \$ PER HEAD
2000	49.81	26.27	777.66
2001	63.62	42.13	966.38
2002	70.73	51.89	945.26
2003	64.23	47.06	697.64
2004	65.52	46.54	725.34
2005	68.25	47.15	787.93
2006	55.92	40.38	800.36
2007	53.61	36.26	789.69
2008	57.90	34.08	809.56
2009	88.76	50.02	818.68
2010	80.24	56.44	810.87

<sup>1</sup> Per head returns including skin and wool pull payments net of processing charges.

Source: Beef + Lamb New Zealand Economic Service

## BEEF CATTLE

### BEEF CATTLE AT 30 JUNE 2010<sup>p</sup>

Beef cattle numbers were provisionally 3.9 million at 30 June 2010 of which 1.1 million were beef breeding cows and heifers. 71% of total beef cattle were in the North Island.

### BEEF CATTLE BREEDS 2008-09

Angus	23%	Friesian Hereford	2%
Angus Hereford	10%	Friesian	22%
Hereford	8%	Mixed	28%
Other	7%		

Few farmers devote themselves exclusively to beef production. In general, the raising and finishing of beef cattle is carried out in conjunction with sheep farming. In addition, beef is produced from cull dairy cows and bobby calves.

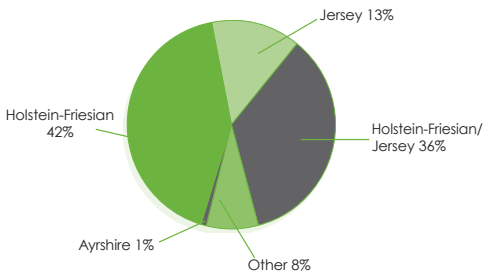
p = Provisional.

## DAIRYING

### DAIRY CATTLE AT 30 JUNE 2010<sup>p</sup>

Dairy cattle including cows, replacement heifers and breeding bulls, totalled 6.0 million at 30 June 2010.

#### DAIRY COW BREEDS 2009-10



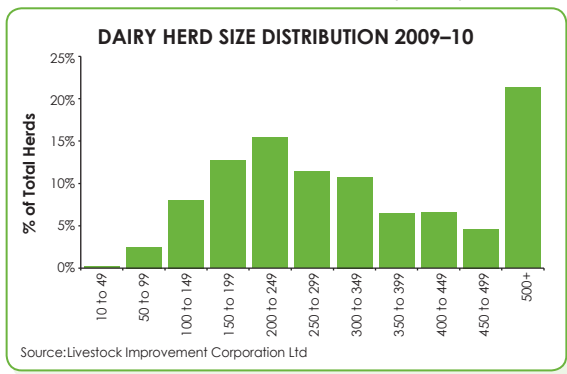
Source: Livestock Improvement Corporation Ltd  
Beef + Lamb New Zealand Economic Service

65% of dairy cattle were in the North Island. The total herd of dairy cows and heifers in calf at 30 June 2010 was 4.6 million.

p = Provisional.

## HERD SIZE

Average herd size in 1979-80 124 cows  
2009-10 376 cows (+203%)



## DAIRY PRODUCTION 2009-10 SEASON

Seasonal herd test averages showed production per cow was 318 kg milk solids or 3,642 litres of milk (comprising 181 kg milk fat and 137 kg protein content).

In 2009-10, 1.44 million tonnes of milk solids were processed by dairy factories.

## EXPORTS OF DAIRY PRODUCE

Year Ended September 2010

	000 TONNES
Butter	395
Milk Powder	1,298
Cheese	281
Whey	87
Milk solids	1,234
Skim milk	363
Whole milk	892
Casein	63

Source: Statistics New Zealand

## DAIRY COMPANIES

There are four co-operative New Zealand dairy companies; Fonterra, Tatua, Westland and Gisborne Milk co-operative. In addition, there are three other non co-operative dairy companies exporting dairy products - New Zealand Dairies Ltd, Open Country Dairy Ltd and Synlait Milk Ltd. The largest of these companies is Fonterra which is owned by over 11,000 dairy farmers out of approximately 11,690 dairy farms. Fonterra accounts for around 95% of New Zealand dairy production.

## DAIRY MEAT

In the year ended 30 September 2010, 1.5 million bobby calves and 0.62 million cull cows were slaughtered. In spring 2009, an estimated 0.88 million calves were retained for dairy beef production.

## ARABLE

Arable farming in New Zealand is located mainly in the South Island on the plains and easier downland country. The greater portion of the area sown is in Canterbury. The following summarises the main arable production:

### CASH CROPS

YEAR ENDED JUNE 2010 <sub>p</sub>	HECTARES	YIELD PER HA
Barley	53,400	5.9 tonnes
Wheat	57,200	8.2 tonnes
Maize	18,600	10.9 tonnes
Oats	9,100	5.4 tonnes
Other	2,100	6.2 tonnes

p = Provisional.

Source: Statistics New Zealand

A large percentage of pasture seeds are grown under the MAFBNZ Seed Varietal Certification Scheme administered byASUREQuality Limited. The scheme operates to ensure that cultivars of important plant species maintain their identity through successive generations of multiplication for the ultimate benefit of the end user.

## CERTIFIED CROP & PASTURE SEEDS

YEAR ENDED DECEMBER (TONNES)			
	2007	2008	2009
Perennial Ryegrass	14,057	14,138	16,716
Other Ryegrass	6,537	8,746	10,326
Cocksfoot	273	229	263
Prairie Grass	37	73	148
Browntop	97	287	147
Tall Fescue	278	552	440
White Clover	3,255	2,777	2,862
Red Clover	234	175	124
Other Clovers and Lucerne	28	15	47
Brassica	1,275	1,890	1,454
Cereals	6,651	7,416	5,653
Peas	30	198	54
Linseed	4	8	43
Plantain	194	106	0
Other	1,869	1,505	2,076

Source:ASUREQuality

## PIGS

At 30 June 2010, estimated total pigs numbered 325,000. Of these 32,300 were estimated breeding sows. There were 200 Registered Pig Farms according to the New Zealand Pork Industry Board.

For the year ended 30 September 2010, pig slaughter numbers were 694,137, which produced 47,081 tonnes of pig meat. The South Island accounted for 62.7% of total pig meat production.

Most of the pig meat production is consumed in the local market. Total supply of pig meat in 2009-10 was 84,772 tonnes, of which 37,960 tonnes were imported in to New Zealand.

## DEER

### FARMED DEER NUMBERS AT 30 JUNE 2010p

Breeding hinds	569,100	Other deer	148,000
Weaners	432,516	Total deer	1,149,616

p = Provisional.

For the year ended September 2010, total deer industry exports were \$280 million. Venison exports were worth \$211 million, velvet export earnings totalled \$31 million while co-products and other totalled \$14 million. Deer hides and leather receipts were \$22.7 million.

Venison exports total 15,693 tonnes, of which 37% went to Germany, 17% was imported through Benelux and 7% went to France. In 2009-10 China was the largest export destination for New Zealand velvet accounting for 43% of exports, although Korea remains the largest market for the consumption of New Zealand velvet.

## GOATS

A total of 82,229 farmed goats were recorded in 2009 by Statistics New Zealand. 67% of goats were in the North Island with the largest population in the Waikato region. It is estimated that two thirds of goats were on commercial Sheep and Beef farms.

For the year ended September 2010, goat exports totalled \$7.8 million (excludes goat dairy products). This comprised \$6.9 million of goat meat, \$0.5 million goat fibre and \$0.4 million for skins.

## NEW ZEALAND MEAT CONSUMPTION

Year Ended September 2009

	KG PER CAPITA	%
Lamb	7.5	8%
Mutton	2.8	4%
Beef and Veal	28.0	31%
Poultry	31.3	35%
Pig meat	19.6	22%
<b>TOTAL</b>	<b>89.2</b>	<b>100%</b>

Source: Beef + Lamb New Zealand Economic Service  
NZ Pork Industry Board  
NZ Poultry Industry Association

## FARMS BY FARM TYPE AT 30 JUNE 2007

PASTORAL	NUMBER OF FARMS*	AREA IN SOWN PASTURE (000 HA)
Dairying	11,400	2,016
Sheep & Beef Farming	29,241	9,574
Cropping	1,878	213
Deer Farming	1,581	341
Goat Farming	N/A	N/A
Mixed Livestock Farming	768	218
Pig Farming	327	17
Poultry	153	7
Total	45,348	12,387
Other	17,988	2,314
<b>TOTAL ALL FARM TYPES</b>	<b>63,336</b>	<b>14,701</b>

\* Includes non-commercial small holding farms.

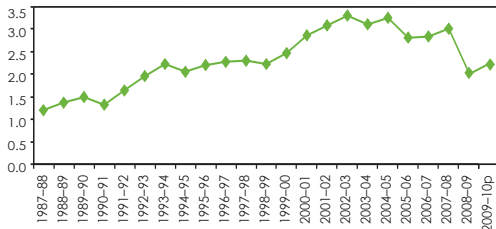
Source: Statistics New Zealand  
2007 Agricultural Census

## FERTILISER

### FERTILISER SALES

Most New Zealand soils need fertilisers - especially phosphate and sulphur - and topdressing of pastures is essential for their maintenance and productivity. Peak deliveries each year are made in October and again in February to April, when spring and autumn topdressing takes place.

#### TOTAL FERTILISER SALES SHEEP & BEEF, DAIRY, HORTICULTURE, CROPPING



Source: Beef + Lamb New Zealand Economic Service  
Fertiliser Companies

p = Provisional.

Fertiliser usage varies considerably between regions due to differences in soil type, climate and type of farming. There is a strong link between stock performance and fertiliser use.

### SHEEP AND BEEF FARM FERTILISER USE 2009–10<sup>p</sup>

REGION	KILOGRAMS PER STOCK UNIT	KILOGRAMS PER HECTARE
Northland / Waikato / BOP	17.1	168.9
East Coast	13.2	109.6
Taranaki / Manawatu	12.6	117.7
<b>NORTH ISLAND</b>	<b>14.4</b>	<b>129.3</b>
Marlborough / Canterbury	22.7	92.1
Otago / Southland	16.7	88.7
<b>SOUTH ISLAND</b>	<b>20.1</b>	<b>89.5</b>
<b>NEW ZEALAND</b>	<b>17.0</b>	<b>103.9</b>

Source: Beef + Lamb New Zealand Economic Service  
p = Provisional.

### LIVESTOCK PRODUCTIVITY

	1999–00	2009–10
Lambing Percentage	113.2	121.5
Average Lamb Wt (kg)	16.6	17.6
Lamb (kg/ewe)	14.0	16.9
Wool (kg/head)	5.8	5.4
Average Steer Wt (kg)	312.9	313.3
Milk solids per cow (kg)	288.0	318.0

Source: Beef + Lamb New Zealand Economic Service  
Livestock Improvement Corporation Ltd

### SHEEP AND BEEF FARM REVENUE SOURCES

	1999–00	2009–10 <sup>p</sup>
Wool	17%	9%
Sheep meat	42%	50%
Beef	25%	21%
Dairy Grazing	1%	4%
Deer	2%	1%
Crop	8%	10%
Other	5%	5%
Total	100%	100%

p = Provisional.

Source: Beef + Lamb New Zealand Economic Service

## ALL CLASSES SHEEP AND BEEF FARM

(\$ Per Farm)<sup>1</sup>:

SUMMARY		1998–99	2008–09	2009–10 <sup>p</sup>
<b>1</b>	<b>REVENUE</b>			
2	Wool	36,110	32,089	32,700
3	Sheep	75,210	166,153	173,900
4	Cattle	38,848	78,307	73,000
5	Dairy Grazing	2,630	16,485	15,500
6	Deer + Velvet	2,916	4,388	3,300
7	Goat + Fibre	9	17	0
8	Cash Crop	16,408	41,685	36,600
9	Other	8,511	16,740	14,700
<b>10</b>	<b>TOTAL GROSS REVENUE</b>	<b>180,642</b>	<b>355,864</b>	<b>349,700</b>
<b>11</b>	<b>EXPENDITURE</b>			
12	Fert, Lime & Seeds	21,556	46,249	42,400
13	Repairs & Maintenance	11,945	20,578	21,100
14	Other Working Expenses	66,470	123,573	122,300
<b>15</b>	<b>TOTAL WORKING EXPENSES</b>	<b>99,971</b>	<b>190,400</b>	<b>185,800</b>
16	Interest & Rent	25,464	67,018	87,900
17	Other Standing Charges	10,695	18,238	19,700
18	Depreciation	13,509	25,266	25,300
<b>19</b>	<b>TOTAL EXPENDITURE</b>	<b>149,639</b>	<b>300,922</b>	<b>288,700</b>
<b>20</b>	<b>FARM PROFIT BEFORE TAX<sup>2</sup></b>	<b>31,003</b>	<b>54,942</b>	<b>61,000</b>

p = Provisional.

<sup>1</sup> The Weighted Average All Classes Sheep and Beef Farm at 1 July 2009 carried 2,740 sheep, 297 beef cattle and 22 deer totalling 3,960 stock units.

<sup>2</sup> Farm Profit Before Tax is required to meet personal drawings, taxation payments, debt repayments and the purchase of capital items.

Source: Beef + Lamb New Zealand Economic Service  
Sheep and Beef Farm Survey

## VALUE AND VOLUME OF AGRICULTURAL PRODUCTION AND EXPORTS

YEAR	TOTAL AGRICULTURAL EXPORTS <sup>1</sup> (\$m FOB)	TOTAL PASTORAL EXPORTS <sup>1</sup> (\$m FOB)	WOOL PRODUCTION <sup>1</sup> (000 TONNES CLEAN)	MILK SOLIDS PROCESSED <sup>2</sup> (000 TONNES)	MEAT PRODUCTION <sup>3,4</sup> (000 TONNES BONE-IN)
1999-00	12,561	9,870	193	981	1,100
2000-01	16,543	13,313	178	1,096	1,154
2001-02	16,909	13,512	174	1,152	1,098
2002-03	14,836	11,586	173	1,191	1,207
2003-04	15,600	12,143	165	1,254	1,228
2004-05	15,254	11,865	161	1,213	1,195
2005-06	16,037	12,566	168	1,267	1,180
2006-07	17,411	13,510	162	1,316	1,196
2007-08	20,269	15,925	153	1,270	1,230
2008-09	22,057	17,167	117	1,393	1,134
2009-10	20,730	16,063	133	1,439	1,106

<sup>1</sup> Year Ended June.

<sup>2</sup> Year Ended May.

<sup>3</sup> Year Ended September.

<sup>4</sup> Inspected meat production at export meat works and abattoirs – lamb, mutton, beef and veal.

Source: Beef + Lamb New Zealand Economic Service  
Livestock Improvement Corporation Ltd  
Ministry of Agriculture and Forestry  
Statistics New Zealand

# VALUE OF NEW ZEALAND EXPORTS

Year Ended June (\$ million FOB)

	2006	2007	2008	2009	2010	%CHANGE
<b>PASTORAL PRODUCTS</b>						
<b>WOOL</b>						
Raw Wool	688.8	654.6	613.0	569.7	552.1	-3.1%
<b>MEAT</b>						
Lamb	2,038.3	2,164.9	2,171.7	2,629.7	2,454.5	-6.7%
Mutton	240.8	274.4	360.9	385.5	348.4	-9.6%
Beef & Veal	1,785.9	1,709.6	1,657.8	2,005.3	1,822.4	-9.1%
Venison	219.7	252.2	287.5	293.5	208.6	-28.9%
Edible Offal	188.8	174.2	175.7	188.2	186.3	-1.1%
Other Meats (poultry,pork)	113.3	120.5	125.6	165.3	184.7	11.7%
<b>TOTAL MEAT</b>	<b>4,586.6</b>	<b>4,695.8</b>	<b>4,779.3</b>	<b>5,667.5</b>	<b>5,204.9</b>	<b>-8.2%</b>
<b>DAIRY</b>						
Milk & Powders	3,582.1	4,163.1	5,788.5	5,665.8	5,758.0	1.6%
Butter	1,032.5	1,062.9	1,526.3	1,693.6	1,745.8	3.1%
Cheese	1,147.1	1,231.9	1,441.8	1,610.6	1,330.7	-17.4%
Casein	784.0	922.0	882.7	1,055.5	643.4	-39.0%
<b>TOTAL DAIRY</b>	<b>6,545.7</b>	<b>7,379.8</b>	<b>9,639.3</b>	<b>10,025.5</b>	<b>9,478.0</b>	<b>-5.5%</b>
<b>OTHER ANIMAL PRODUCTS</b>						
Hides & Skins	178.1	213.5	240.5	203.4	162.9	-19.9%
Deer Velvet	21.8	30.5	25.4	27.8	28.2	1.2%
Tallow	80.9	103.9	155.4	139.3	129.0	-7.4%
Animal Oils & Fats	15.5	13.8	21.2	20.1	22.4	11.3%
Crude Animal Materials	248.0	239.5	261.4	350.2	287.9	-17.8%
<b>TOTAL OTHER</b>	<b>544.3</b>	<b>601.3</b>	<b>703.9</b>	<b>740.8</b>	<b>630.2</b>	<b>-14.9%</b>
<b>LIVESTOCK</b>	<b>201.1</b>	<b>178.7</b>	<b>189.1</b>	<b>163.3</b>	<b>198.2</b>	<b>21.4%</b>
<b>TOTAL PASTORAL</b>	<b>12,566.4</b>	<b>13,510.2</b>	<b>15,924.7</b>	<b>17,166.8</b>	<b>16,063.4</b>	<b>-6.4%</b>
<b>HORTICULTURE &amp; ARABLE</b>						
Fresh Kiwifruit	699.4	765.1	870.7	1,071.7	995.7	-7.1%
Fresh Apples	330.2	343.6	344.9	395.7	324.6	-18.0%
Other Fresh Fruit	129.5	116.2	159.5	140.8	165.8	17.8%
Vegetables	377.9	424.5	422.0	415.5	408.0	-1.8%

## VALUE OF NEW ZEALAND EXPORTS (continued)

	2006	2007	2008	2009	2010	%CHANGE
<b>HORTICULTURE &amp; ARABLE (continued)</b>						
Seeds, Plants & Plant Material	187.4	195.2	216.6	232.7	212.8	-8.5%
Cereals	2.3	3.3	13.4	3.9	9.1	129.7%
<b>TOTAL HORTICULTURE ARABLE</b>	<b>1,726.8</b>	<b>1,847.8</b>	<b>2,027.0</b>	<b>2,260.3</b>	<b>2,116.1</b>	<b>-6.4%</b>
<b>PROCESSED AGRICULTURE</b>						
Tops, Yarns & Sliver	138.1	133.3	146.6	111.0	96.8	-12.8%
Carpets & Rugs	130.1	106.4	75.6	70.0	74.3	6.1%
Other Final Woollen Products	39.4	41.9	40.9	36.4	27.3	-25.1%
Leather & Dressed Skins	283.6	286.9	269.8	264.0	239.8	-9.2%
Meat Meal & Animal Feeds	147.2	164.5	216.8	275.5	219.7	-20.3%
Processed Fruit & Vegetables	187.0	207.8	208.6	237.1	256.3	8.1%
Wine	510.8	698.2	796.1	988.1	1,049.3	6.2%
Cereal Products	4.8	6.6	9.8	11.2	10.6	-5.3%
<b>TOTAL PROCESSED</b>	<b>1,440.9</b>	<b>1,645.6</b>	<b>1,764.1</b>	<b>1,993.3</b>	<b>1,974.0</b>	<b>-1.0%</b>
<b>OTHER AGRICULTURAL EXPORTS</b>	<b>303.5</b>	<b>407.8</b>	<b>553.5</b>	<b>636.7</b>	<b>576.3</b>	<b>-9.5%</b>
<b>TOTAL AGRICULTURE</b>	<b>16,037.5</b>	<b>17,411.5</b>	<b>20,269.4</b>	<b>22,057.1</b>	<b>20,729.8</b>	<b>-6.0%</b>
<b>FORESTRY</b>						
Sawn Timber & Logs	1,338.8	1,584.6	1,389.0	1,687.3	2,067.4	22.5%
Other Wood & Wood Products	617.3	613.6	606.2	640.0	565.4	-11.7%
Pulp & Paper Products	943.4	1,161.9	1,186.8	1,179.9	1,187.2	0.6%
<b>TOTAL FOREST PRODUCTS</b>	<b>2,899.4</b>	<b>3,360.1</b>	<b>3,182.0</b>	<b>3,507.3</b>	<b>3,819.9</b>	<b>8.9%</b>
<b>FISH</b>	<b>1,137.4</b>	<b>1,136.7</b>	<b>1,113.5</b>	<b>1,287.1</b>	<b>1,218.5</b>	<b>-5.3%</b>
<b>TOTAL PRIMARY BASED EXPORTS</b>	<b>20,074.3</b>	<b>21,908.3</b>	<b>24,564.9</b>	<b>26,851.5</b>	<b>25,768.2</b>	<b>-4.0%</b>
Aluminium	1,257.3	1,560.9	1,455.2	1,097.2	1,060.7	-3.3%
Mineral Fuels	965.2	841.8	2,634.5	2,150.1	2,290.8	6.5%
Machinery & Equipment	2,433.4	2,514.1	2,482.8	2,359.7	2,164.8	-8.3%
Other Exports	6,069.2	6,524.0	7,316.1	8,552.8	7,711.3	-9.8%
<b>TOTAL NZ MERCHANDISE EXPORTS</b>	<b>30,799.4</b>	<b>33,349.1</b>	<b>38,453.5</b>	<b>41,011.2</b>	<b>38,995.8</b>	<b>-4.9%</b>
<b>PASTORAL % OF EXPORTS</b>	<b>40.8%</b>	<b>40.5%</b>	<b>41.4%</b>	<b>41.9%</b>	<b>41.2%</b>	
<b>AGRICULTURE % OF EXPORTS</b>	<b>52.1%</b>	<b>52.2%</b>	<b>52.7%</b>	<b>53.8%</b>	<b>53.2%</b>	
<b>PRIMARY % OF EXPORTS</b>	<b>65.2%</b>	<b>65.7%</b>	<b>63.9%</b>	<b>65.5%</b>	<b>66.1%</b>	

Source: Statistics New Zealand  
Beef + Lamb New Zealand Economic Service

## LIVESTOCK NUMBERS AT 30 JUNE (million)

	2000	2010p	% CHANGE
Sheep	42.26	32.52	-23%
Beef Cattle	4.28	3.92	-8%
Dairy Cattle	4.79	6.00	25%
Deer	1.54	1.16	-25%
Total Stock Units	92.24	88.36	-4%

p = Provisional.

Source: Beef + Lamb New Zealand Economic Service  
Statistics New Zealand

Total stock units at 30 June 2010 were estimated to be 4% less than in 2000. The reduction is largely due to the decline in sheep numbers.

While the stock unit is a broad measure of pasture demand, it could be argued that the stock units in 2010 were better fed and more productive than in 2000.

## LIVESTOCK NUMBERS BY PRODUCTION REGION AT 30 JUNE 2009 (000)

PRODUCTION REGION	TOTAL SHEEP	TOTAL BEEF	TOTAL DAIRY	TOTAL DEER
North/South Auckland	4,310	1,457	2,593	178
East Coast	8,149	955	308	112
Taranaki/Manawatu	3,619	484	895	62
<b>TOTAL NORTH ISLAND</b>	<b>16,078</b>	<b>2,896</b>	<b>3,796</b>	<b>353</b>
Canterbury/Westland	6,848	747	1,261	403
Otago	4,902	242	214	148
Southland	4,556	215	589	242
<b>TOTAL SOUTH ISLAND</b>	<b>16,306</b>	<b>1,204</b>	<b>2,064</b>	<b>793</b>
<b>TOTAL NEW ZEALAND</b>	<b>32,384</b>	<b>4,101</b>	<b>5,861</b>	<b>1,146</b>

Source: Beef + Lamb New Zealand Economic Service  
Statistics New Zealand

## LIVESTOCK BY PRODUCTION REGION AT 30 JUNE 2009

PRODUCTION REGION	TOTAL SHEEP	TOTAL BEEF	TOTAL DAIRY	TOTAL DEER
North/South Auckland	13%	36%	44%	16%
East Coast	25%	23%	5%	10%
Taranaki/Manawatu	11%	12%	15%	5%
<b>TOTAL NORTH ISLAND</b>	<b>50%</b>	<b>71%</b>	<b>65%</b>	<b>31%</b>
Canterbury/Westland	21%	18%	21%	35%
Otago	15%	6%	4%	13%
Southland	14%	5%	10%	21%
<b>TOTAL SOUTH ISLAND</b>	<b>50%</b>	<b>29%</b>	<b>35%</b>	<b>69%</b>
<b>TOTAL NEW ZEALAND</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

Source: Beef + Lamb New Zealand Economic Service  
Statistics New Zealand

# MAP OF NEW ZEALAND



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