

# 4 Total Throughput – 2002/03

Discharges	Māori	Other	Pacific peoples	Total
Male	39,253	208,090	17,010	264,353
Female	57,216	271,024	25,395	353,635
<b>Total</b>	<b>96,469</b>	<b>479,114</b>	<b>42,405</b>	<b>617,988</b>

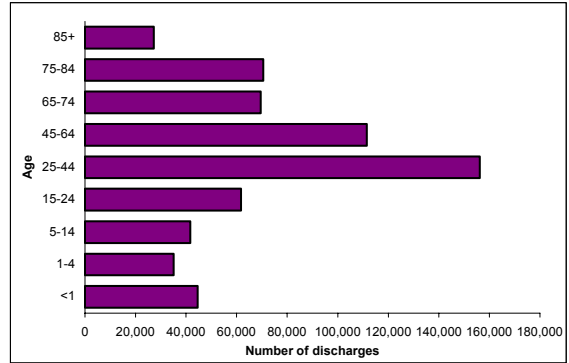
Price	
Price	\$ 2,620
Price weight	1.0009

Admission type	Number	%
Acute	337,154	54.6
Arranged	148,770	24.1
Elective	132,064	21.4

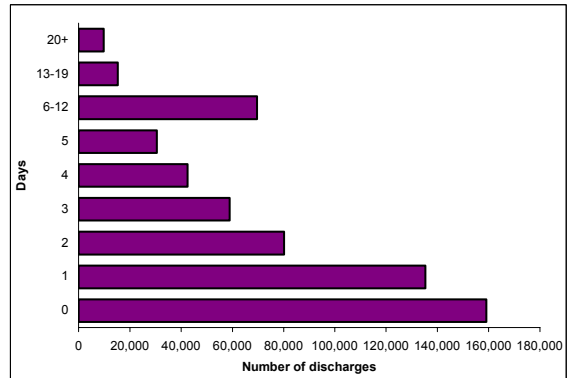
Discharge type	Number	%
Routine	572,281	92.6
Self - indemnity signed	1,399	0.2
Self - no indemnity	1,804	0.3
Transfer	32,398	5.2
Died	9,553	1.5
Other	553	0.1

Length of Stay	Days
Untruncated average	3.4
Truncated average	3.2
Truncated average - daycases excluded	4.3
Minimum	0
Maximum	365
Percentage day case	26.3

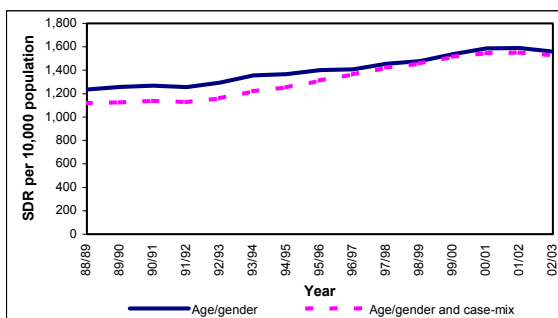
Age distribution



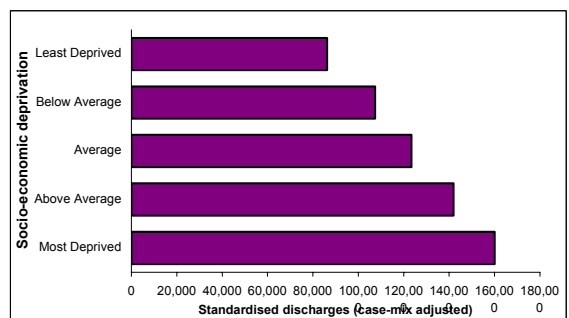
Length of Stay



Standardised discharge rates, by year



Discharges by socio-economic deprivation



# Total Throughput - 2002/03

## Discharges by provider

Provider	Throughput				Inpatient Length of Stay			Day Cases	
	2002/03		Raw percentage change		Truncated ALOS	ALOS Ratio*	Median	Raw Percentage	Day Case Ratio**
	Raw	Case-mix adjusted	2000/01 to 2001/02	2001/02 to 2002/03					
Northland	23,340	19,456	-2.5	0.8	3.6	0.996	2	26.2	0.97
Waitemata	38,863	31,876	4.9	-4.6	3.8	<b>0.991</b>	3	19.9	1.00
Auckland	87,430	101,413	-2.1	0.4	4.7	0.997	3	29.2	1.00
Counties Manukau	67,262	59,572	3.7	3.4	3.7	<b>0.958</b>	2	24.3	1.01
Waikato	52,598	58,964	-1.6	-0.7	4.8	1.024	3	26.5	<b>0.91</b>
Lakes	15,535	12,938	-2.8	3.4	3.8	1.031	2	26.6	1.02
Bay of Plenty	30,535	28,362	-0.8	-0.4	4.1	0.999	3	27.0	1.01
Tairāwhiti	8,347	6,640	0.6	-0.2	3.6	1.030	2	28.1	0.98
Taranaki	15,866	14,612	-6.3	-9.3	3.8	<b>0.965</b>	2	25.3	<b>0.95</b>
Hawkes Bay	27,088	22,755	0.4	11.6	4.2	1.038	3	36.5	1.08
MidCentral	19,963	20,830	-0.7	-7.0	4.5	1.018	3	23.4	<b>0.95</b>
Whanganui	11,351	10,238	-1.6	-1.2	4.0	<b>0.981</b>	2	29.3	<b>0.96</b>
Capital and Coast	36,153	44,972	1.3	1.9	4.7	1.009	3	25.0	<b>0.94</b>
Hutt	19,157	16,706	-0.6	-2.4	3.8	1.006	2	31.5	1.11
Wairarapa	5,960	4,983	5.1	2.7	3.6	<b>0.975</b>	2	26.8	1.18
Nelson Marlborough	18,489	16,013	7.5	0.9	3.9	<b>0.940</b>	2	39.6	1.17
West Coast	5,074	4,429	7.3	-2.8	3.7	1.007	2	23.3	<b>0.91</b>
Canterbury	64,733	71,896	-1.8	0.1	5.0	1.024	3	26.5	1.02
South Canterbury	8,773	7,863	3.4	-1.3	4.1	1.020	3	33.3	1.04
Otago	26,267	31,177	0.5	-3.3	4.6	<b>0.979</b>	3	23.4	<b>0.91</b>
Southland	13,479	12,574	-1.6	-0.9	3.8	0.990	2	28.8	1.08
Private Providers	21,725	20,251	36.2	-14.9	5.1	1.056	3	27.9	0.91
<b>New Zealand</b>	<b>617,988</b>	<b>618,520</b>	<b>1.1</b>	<b>-0.7</b>	<b>4.3</b>	<b>1.000</b>	<b>3</b>	<b>26.3</b>	<b>1.00</b>

**Notes:**

- 1 Data source: NMDS public hospital data maintained by NZHIS (NZ Health Information Service). The data was extracted from the NMDS on 6 January 2004.
  - 2 Data are filtered to exclude certain cases (e.g. well babies, transfers). See Appendix 2 for the full list of cases.
  - 3 Time period covered - 12 months ending 30 June 2003.
  - 4 Case-mix adjusted discharges are based on Victorian cost weights modified by the Ministry of Health for deriving 2002/03 national hospital reference prices with DHBs.
  - 5 ALOS = Average length of stay. Note: excludes all day cases.
  - 6 Figures for 2002/03 exclude records from some private hospitals who had not submitted data to the NMDS by 6 January 2004.
- \* ALOS values in bold type indicate that the provider ALOS is significantly shorter than the overall national ALOS, after case-mix adjustment (99% confidence interval).  
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# Total Throughput 2002/03

## Discharges by DHB region

DHB Region	Throughput					Inpatient Length of Stay			Day Cases	
	Raw			Case-mix adjusted		Truncated ALOS	ALOS Ratio**	Median	Raw Percentage	Day Case Ratio***
	Discharges 2002/03	Percentage change 2000/01 to 2001/02	Percentage change 2001/02 to 2002/03	Discharges 2002/03	SDR*					
Northland	25,944	-1.9	0.0	25,275	<b>0.95</b>	3.9	0.999	2	25.3	<b>0.94</b>
Waitemata	65,424	3.5	-4.6	63,379	<b>0.96</b>	4.2	0.999	3	24.8	0.99
Auckland	60,363	-1.3	0.1	56,057	<b>0.92</b>	4.2	<b>0.991</b>	3	26.1	1.02
Counties Manukau	68,357	7.8	3.3	63,306	1.03	3.8	<b>0.961</b>	2	25.7	1.01
Waikato	51,270	-0.9	-0.8	52,618	<b>0.99</b>	4.4	1.016	3	25.5	<b>0.92</b>
Lakes	17,620	-1.8	2.8	17,274	1.06	4.3	1.032	2	29.1	1.01
Bay of Plenty	33,912	-0.3	-0.2	35,762	1.06	4.5	1.007	3	27.9	0.99
Tairāwhiti	9,270	1.6	-0.9	8,456	1.04	4.0	1.036	2	28.6	0.96
Taranaki	17,772	-5.7	-8.1	18,119	1.02	4.1	<b>0.977</b>	3	24.9	0.94
Hawkes Bay	29,044	1.0	10.3	28,198	1.10	4.7	1.041	3	34.8	1.06
MidCentral	20,734	-0.5	-6.8	22,715	<b>0.84</b>	4.6	1.024	3	24.9	<b>0.95</b>
Whanganui	13,072	-0.6	-1.5	13,486	1.19	4.4	0.992	3	29.0	<b>0.96</b>
Capital and Coast	31,442	-0.7	0.4	32,430	<b>0.89</b>	4.2	1.004	3	25.0	<b>0.95</b>
Hutt	20,843	-0.4	-3.5	20,435	1.01	4.1	1.004	2	32.3	1.12
Wairarapa	7,505	4.9	1.7	7,365	1.11	4.0	0.986	2	29.7	1.09
Nelson Marlborough	20,140	7.2	0.6	20,515	0.99	4.3	<b>0.953</b>	3	38.1	1.15
West Coast	6,313	4.0	0.1	6,538	1.22	4.4	1.023	3	25.8	<b>0.92</b>
Canterbury	66,399	-1.1	-0.8	69,422	1.01	4.8	1.020	3	26.5	1.03
South Canterbury	9,396	2.0	-1.8	9,684	1.06	4.4	1.019	3	31.7	1.03
Otago	27,102	5.0	-3.5	30,550	1.09	4.5	<b>0.983</b>	3	24.1	<b>0.92</b>
Southland	16,067	4.0	-2.8	16,936	1.05	4.3	0.997	3	27.8	1.03
<b>New Zealand</b>	<b>617,988</b>	<b>1.1</b>	<b>-0.7</b>	<b>618,520</b>	<b>1.00</b>	<b>4.3</b>	<b>1.000</b>	<b>3</b>	<b>26.3</b>	<b>1.00</b>

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