

4. Total Throughput

Total Throughput - 2000/01

| Discharges | Māori | Other | Pacific peoples | Total |
|------------|--------|---------|-----------------|---------|
| Male | 37,787 | 209,341 | 15,669 | 262,797 |
| Female | 55,778 | 271,908 | 23,642 | 351,328 |
| Total | 93,565 | 481,249 | 39,311 | 614,125 |

Price

| | |
|--------------|----------|
| Price | \$ 2,498 |
| Price weight | 1.0044 |

Admission type

| | Number | % |
|----------|---------|------|
| Acute | 333,625 | 54.3 |
| Arranged | 142,679 | 23.2 |
| Elective | 137,821 | 22.4 |

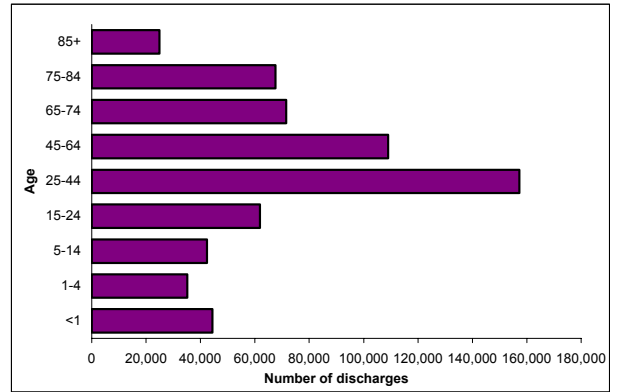
Discharge type

| | Number | % |
|-------------------------|---------|------|
| Routine | 572,177 | 93.2 |
| Self - indemnity signed | 1,226 | 0.2 |
| Self - no indemnity | 1,746 | 0.3 |
| Transfer | 29,615 | 4.8 |
| Died | 9,023 | 1.5 |
| Other | 338 | 0.1 |

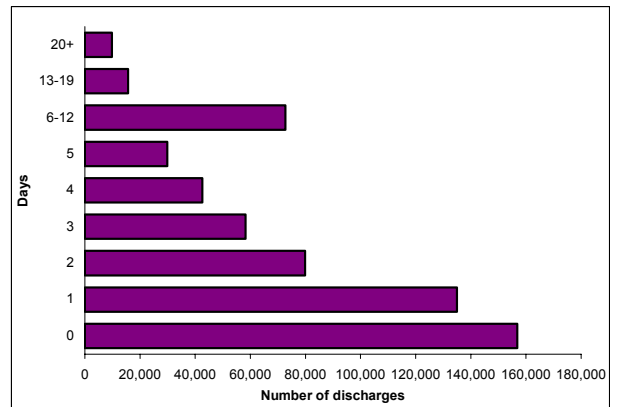
Length of Stay

| | Days |
|---------------------------------------|------|
| Untruncated average | 3.4 |
| Truncated average | 3.2 |
| Truncated average - daycases excluded | 4.3 |
| Minimum | 0 |
| Maximum | 246 |
| Percentage day case | 25.9 |

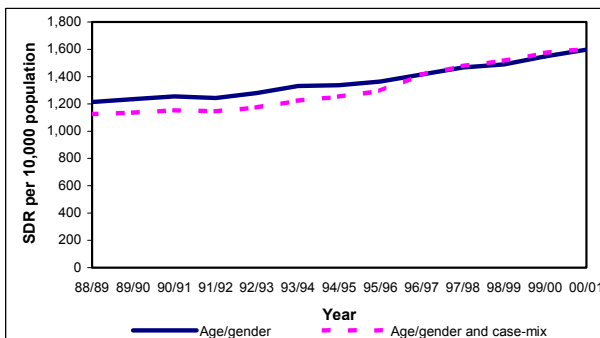
Age distribution



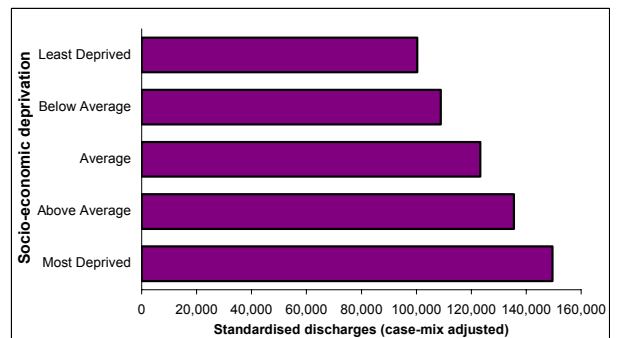
Length of Stay



Standardised discharge rates, by year



Discharges by socio-economic deprivation



Total Throughput - 2000/01

Discharges by provider

| Provider | Throughput | | | | Inpatient Length of Stay | | | Day Cases | |
|--------------------|----------------|-------------------|-----------------------|--------------------|--------------------------|--------------|----------|----------------|------------------|
| | 2000/01 | | Raw percentage change | | Truncated ALOS | ALOS Ratio* | Median | Raw Percentage | Day Case Ratio** |
| | Raw | Case-mix adjusted | 1998/99 to 1999/00 | 1999/00 to 2000/01 | | | | | |
| Northland | 23,738 | 19,708 | 4.5 | 1.9 | 3.6 | 0.974 | 2 | 27.4 | 1.02 |
| Waitemata | 38,796 | 32,625 | 13.1 | 7.4 | 3.9 | 1.003 | 3 | 24.4 | 1.09 |
| Auckland | 88,820 | 102,911 | 2.5 | 9.9 | 4.7 | 0.987 | 3 | 28.4 | 1.03 |
| Counties Manukau | 62,640 | 56,745 | 11.4 | 4.6 | 3.8 | 0.954 | 2 | 24.1 | 1.02 |
| Waikato | 54,174 | 58,244 | 6.2 | 2.4 | 4.6 | 1.009 | 3 | 25.9 | 0.92 |
| Lakes | 15,449 | 12,887 | 0.1 | -1.5 | 3.9 | 1.034 | 2 | 25.8 | 1.01 |
| Bay of Plenty | 30,885 | 28,671 | 4.3 | 0.4 | 4.1 | 1.008 | 3 | 24.4 | 0.99 |
| Tairāwhiti | 8,315 | 6,914 | -3.3 | 2.1 | 3.7 | 1.019 | 2 | 25.1 | 0.92 |
| Taranaki | 18,668 | 15,822 | -1.3 | 9.8 | 3.8 | 1.016 | 3 | 31.1 | 0.95 |
| Hawkes Bay | 24,117 | 21,878 | 1.9 | 0.4 | 4.4 | 1.042 | 3 | 32.6 | 1.09 |
| MidCentral | 21,608 | 22,422 | -2.1 | -1.2 | 4.4 | 1.032 | 3 | 20.9 | 0.89 |
| Whanganui | 11,660 | 10,390 | 6.7 | 5.8 | 4.2 | 0.992 | 2 | 31.6 | 1.04 |
| Capital and Coast | 34,981 | 42,395 | 0.0 | 0.0 | 4.6 | 0.996 | 3 | 24.9 | 0.93 |
| Hutt | 19,703 | 17,207 | 13.6 | 0.2 | 3.8 | 0.994 | 2 | 28.5 | 1.09 |
| Wairarapa | 5,523 | 4,564 | 2.9 | -0.1 | 3.7 | 0.986 | 2 | 23.2 | 1.13 |
| Nelson Marlborough | 16,965 | 15,608 | 11.1 | 0.9 | 3.9 | 0.979 | 2 | 33.7 | 1.02 |
| West Coast | 4,897 | 3,970 | 1.6 | -1.0 | 3.6 | 0.978 | 2 | 22.5 | 0.94 |
| Canterbury | 65,830 | 74,861 | 2.9 | 2.6 | 5.0 | 1.035 | 3 | 24.7 | 0.99 |
| South Canterbury | 8,586 | 7,553 | -6.1 | 2.5 | 4.0 | 1.002 | 3 | 33.5 | 1.08 |
| Otago | 26,980 | 31,137 | 2.8 | 3.9 | 4.5 | 0.987 | 3 | 24.8 | 0.94 |
| Southland | 13,879 | 13,109 | -2.3 | 1.5 | 3.7 | 0.952 | 2 | 25.2 | 1.04 |
| Private Providers | 17,911 | 17,198 | 23.3 | 24.8 | 3.6 | 1.043 | 3 | 22.5 | 0.91 |
| New Zealand | 614,125 | 616,820 | 4.7 | 4.1 | 4.3 | 1.000 | 3 | 25.9 | 1.00 |

Notes:

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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 2001.

4 Case-mix adjusted discharges are based on Victorian cost weights modified by the HFA for deriving 2000/01 contracted prices with HHSs.

5 ALOS = Average length of stay. Note: excludes all day cases.

6 All figures exclude cases for Queen Elizabeth Hospital in Rotorua from September 1 1998 to June 30 2000.

* A shaded ratio implies that the provider ALOS is significantly different from the national ALOS, after case-mix adjustment.

** A shaded ratio implies that the provider percentage is significantly different from the national percentage, after case-mix adjustment.

"_" indicates no cases in 1998/99 and/or 1999/00 and/or 2000/01.

"#" indicates a percentage change of 1,000 percent or more.

Total Throughput 2000/01

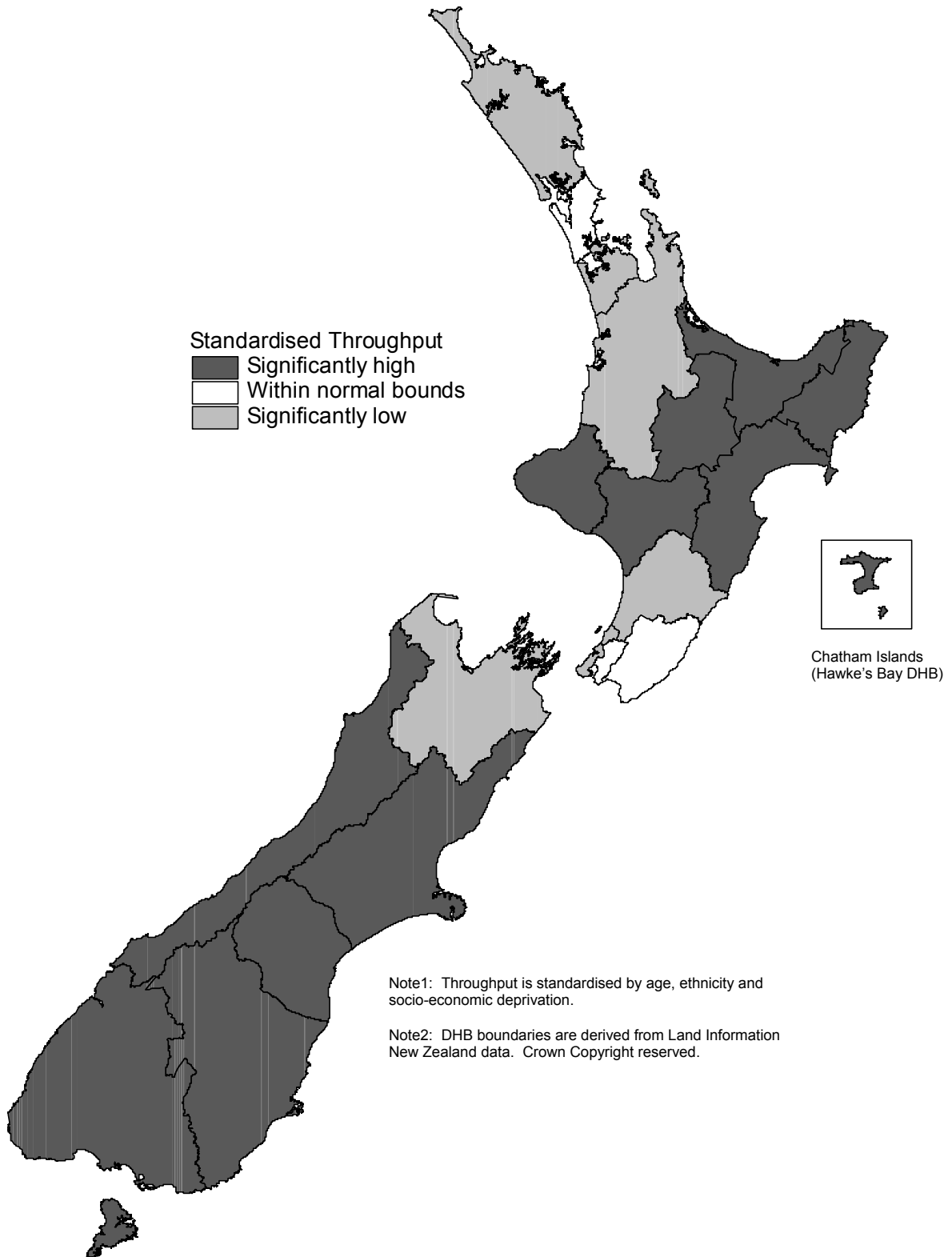
Discharges by DHB region

| DHB Region | Throughput | | | | | Inpatient Length of Stay | | | Day Cases | |
|--------------------|-----------------------|---|---|-----------------------|-------------|--------------------------|-----------------|----------|-------------------|-------------------------|
| | Discharges 2000/01 | Raw | | Case-mix adjusted | | Truncated ALOS | ALOS Ratio** | Median | Raw Percentage | Day Case Ratio*** |
| | | Percentage change 1998/99 to 1999/00 | Percentage change 1999/00 to 2000/01 | Discharges 2000/01 | SDR* | | | | | |
| Northland | 26,114 | 4.6 | 1.5 | 24,968 | 0.94 | 3.9 | 0.979 | 2 | 26.5 | 1.01 |
| Waitemata | 65,892 | 8.3 | 10.9 | 64,796 | 1.01 | 4.3 | 0.999 | 3 | 26.9 | 1.05 |
| Auckland | 61,107 | 5.3 | 13.0 | 58,031 | 0.96 | 4.2 | 0.981 | 3 | 25.9 | 1.06 |
| Counties Manukau | 61,156 | 9.7 | -0.6 | 57,738 | 0.99 | 3.9 | 0.957 | 2 | 26.2 | 1.02 |
| Waikato | 52,308 | 3.8 | 4.1 | 52,495 | 0.98 | 4.3 | 1.003 | 3 | 24.3 | 0.92 |
| Lakes | 17,477 | 4.1 | 2.1 | 16,725 | 1.02 | 4.4 | 1.033 | 3 | 27.2 | 0.98 |
| Bay of Plenty | 34,133 | 4.2 | 1.5 | 34,775 | 1.04 | 4.4 | 1.013 | 3 | 25.5 | 0.98 |
| Tairāwhiti | 9,251 | 0.6 | 4.2 | 8,546 | 1.03 | 4.1 | 1.026 | 2 | 24.4 | 0.91 |
| Taranaki | 20,499 | 0.2 | 9.7 | 19,494 | 1.09 | 4.1 | 1.020 | 3 | 30.0 | 0.95 |
| Hawkes Bay | 26,004 | 2.5 | 1.7 | 26,833 | 1.04 | 4.7 | 1.044 | 3 | 30.8 | 1.07 |
| MidCentral | 22,359 | -0.5 | -1.4 | 24,639 | 0.91 | 4.5 | 1.030 | 3 | 21.8 | 0.90 |
| Whanganui | 13,338 | 7.0 | 4.7 | 13,138 | 1.12 | 4.4 | 1.001 | 3 | 30.7 | 1.02 |
| Capital and Coast | 31,489 | 1.0 | 3.6 | 33,827 | 0.93 | 4.3 | 0.996 | 2 | 24.2 | 0.93 |
| Hutt | 21,631 | 9.4 | 4.8 | 20,879 | 1.00 | 4.0 | 0.993 | 2 | 31.1 | 1.09 |
| Wairarapa | 7,035 | 3.5 | 1.4 | 6,912 | 1.01 | 4.1 | 0.996 | 3 | 27.0 | 1.04 |
| Nelson Marlborough | 18,600 | 10.2 | 2.4 | 19,208 | 0.95 | 4.2 | 0.986 | 3 | 33.0 | 1.01 |
| West Coast | 6,089 | 4.3 | 0.5 | 6,050 | 1.10 | 4.3 | 1.011 | 3 | 22.7 | 0.89 |
| Canterbury | 67,620 | 3.8 | 0.8 | 71,589 | 1.03 | 4.7 | 1.031 | 3 | 24.4 | 1.00 |
| South Canterbury | 9,375 | -3.8 | 2.6 | 9,648 | 1.04 | 4.4 | 1.005 | 3 | 32.0 | 1.06 |
| Otago | 26,706 | 4.2 | 4.1 | 29,717 | 1.05 | 4.4 | 0.990 | 3 | 24.7 | 0.95 |
| Southland | 15,942 | -0.7 | 2.1 | 16,813 | 1.02 | 4.1 | 0.966 | 2 | 24.7 | 1.00 |
| New Zealand | 614,125 | 4.7 | 4.1 | 616,820 | 1.00 | 4.3 | 1.000 | 3 | 25.9 | 1.00 |

Notes:

- 1 Data source: NMDS public hospital data maintained by NZHIS (NZ Health Information Service). The data was extracted from the NMDS on 4 March 2002.
 - 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 2001.
 - 4 Case-mix adjusted discharges are based on Victorian cost weights modified by the HFA for deriving 2000/01 contracted prices with HHSs.
 - 5 SDR = Standardised discharge ratio.
 - 6 ALOS = Average length of stay. Note: excludes all day cases.
 - 7 All figures exclude cases for Queen Elizabeth Hospital in Rotorua from September 1 1998 to June 30 2000.
- * A shaded number implies that the DHB region rate is significantly different from the national rate.
 ** A shaded number implies that the DHB region ALOS is significantly different from the national ALOS, after case-mix adjustment.
 *** A shaded ratio implies that the DHB region percentage is significantly different from the national percentage, after case-mix adjustment.
 "-" indicates no cases in 1998/99 and/or 1999/00 and/or 2000/01.
 "#" indicates a percentage change of 1,000 percent or more.

Total 2000/01



5. Medical Throughput

Medical Throughput - 2000/01

| Discharges | Māori | Other | Pacific peoples | Total |
|------------|--------|---------|-----------------|---------|
| Male | 27,417 | 140,702 | 11,750 | 179,869 |
| Female | 41,579 | 183,093 | 18,363 | 243,035 |
| Total | 68,996 | 323,795 | 30,113 | 422,904 |

Price

| | |
|--------------|----------|
| Price | \$ 1,884 |
| Price weight | 0.7574 |

Admission type

| Admission type | Number | % |
|----------------|---------|------|
| Acute | 283,743 | 67.1 |
| Arranged | 112,700 | 26.6 |
| Elective | 26,461 | 6.3 |

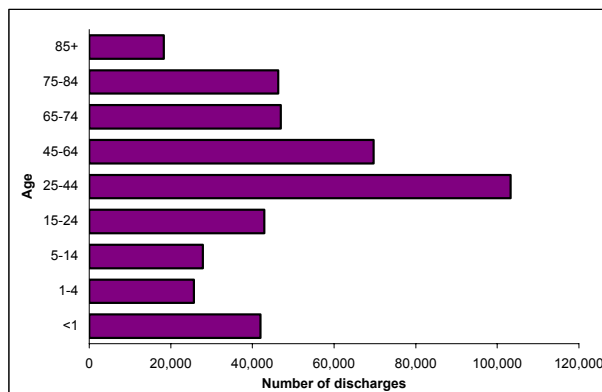
Discharge type

| Discharge type | Number | % |
|-------------------------|---------|------|
| Routine | 389,578 | 92.1 |
| Self - indemnity signed | 1,093 | 0.3 |
| Self - no indemnity | 1,522 | 0.4 |
| Transfer | 22,781 | 5.4 |
| Died | 7,657 | 1.8 |
| Other | 273 | 0.1 |

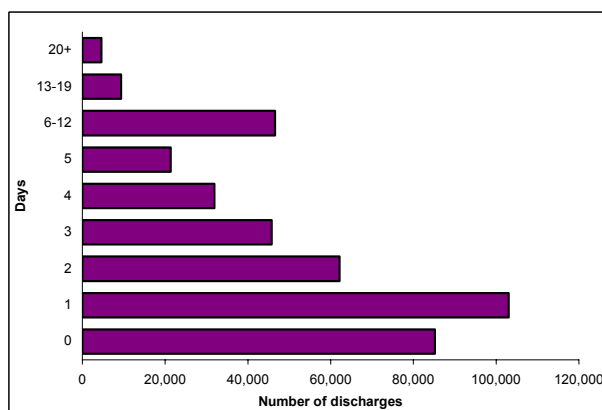
Length of Stay

| Length of Stay | Days |
|---------------------------------------|------|
| Untruncated average | 3.2 |
| Truncated average | 3.0 |
| Truncated average - daycases excluded | 3.8 |
| Minimum | 0 |
| Maximum | 140 |
| Percentage day case | 20.5 |

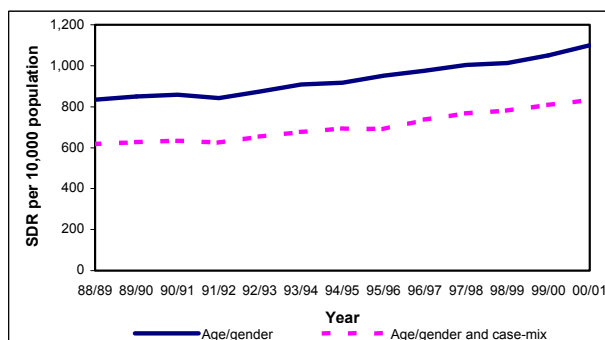
Age distribution



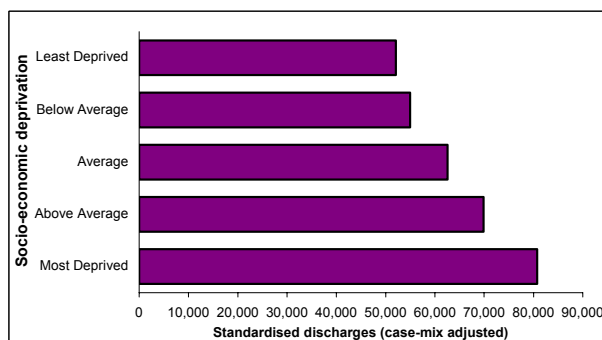
Length of Stay



Standardised discharge rates, by year



Discharges by socio-economic deprivation



Medical Throughput - 2000/01

Discharges by provider

| Provider | Throughput | | | | Inpatient Length of Stay | | | Day Cases | |
|--------------------|----------------|-------------------|-----------------------|--------------------|--------------------------|--------------|----------|----------------|------------------|
| | 2000/01 | | Raw percentage change | | Truncated ALOS | ALOS Ratio* | Median | Raw Percentage | Day Case Ratio** |
| | Raw | Case-mix adjusted | 1998/99 to 1999/00 | 1999/00 to 2000/01 | | | | | |
| Northland | 16,914 | 11,953 | 4.4 | 4.3 | 3.4 | 0.972 | 2 | 19.2 | 1.03 |
| Waitemata | 29,356 | 20,643 | 12.8 | 8.5 | 3.6 | 1.009 | 2 | 18.9 | 1.12 |
| Auckland | 62,900 | 45,994 | 0.2 | 14.7 | 3.8 | 0.976 | 2 | 26.5 | 1.03 |
| Counties Manukau | 43,908 | 31,371 | 11.6 | 6.6 | 3.3 | 0.943 | 2 | 17.8 | 1.00 |
| Waikato | 35,478 | 28,180 | 4.4 | 1.3 | 4.0 | 1.004 | 3 | 20.3 | 0.92 |
| Lakes | 11,116 | 8,113 | -1.0 | -0.8 | 3.8 | 1.046 | 2 | 17.2 | 0.98 |
| Bay of Plenty | 21,945 | 16,822 | 5.5 | 0.5 | 3.8 | 1.016 | 3 | 17.6 | 0.94 |
| Tairāwhiti | 6,063 | 4,266 | -6.4 | 4.2 | 3.4 | 1.010 | 2 | 18.7 | 0.91 |
| Taranaki | 12,861 | 9,164 | -2.1 | 13.1 | 3.6 | 1.033 | 3 | 23.1 | 0.91 |
| Hawkes Bay | 17,840 | 12,960 | 0.7 | 4.2 | 4.0 | 1.042 | 2 | 28.7 | 1.13 |
| MidCentral | 14,920 | 12,644 | -1.1 | 0.2 | 4.2 | 1.036 | 3 | 15.2 | 0.84 |
| Whanganui | 7,390 | 5,519 | 2.3 | 6.2 | 3.9 | 0.998 | 2 | 20.9 | 1.01 |
| Capital and Coast | 22,669 | 18,983 | -0.7 | -0.5 | 4.0 | 0.996 | 2 | 19.9 | 0.87 |
| Hutt | 13,300 | 9,704 | 13.7 | 0.7 | 3.6 | 0.997 | 2 | 24.3 | 1.22 |
| Wairarapa | 4,202 | 3,001 | 2.1 | 3.1 | 3.5 | 0.981 | 2 | 18.4 | 1.15 |
| Nelson Marlborough | 10,697 | 7,912 | 10.0 | 2.6 | 3.5 | 0.962 | 2 | 25.7 | 1.04 |
| West Coast | 3,576 | 2,592 | 4.4 | 2.7 | 3.5 | 0.974 | 2 | 15.0 | 0.91 |
| Canterbury | 43,943 | 36,739 | 1.2 | 3.0 | 4.7 | 1.041 | 3 | 22.5 | 1.07 |
| South Canterbury | 5,701 | 3,878 | -2.4 | 0.1 | 3.5 | 0.997 | 2 | 27.9 | 1.11 |
| Otago | 16,507 | 13,488 | 4.0 | 5.9 | 4.0 | 0.993 | 3 | 16.8 | 0.84 |
| Southland | 9,875 | 7,425 | -0.5 | 3.4 | 3.5 | 0.964 | 2 | 22.0 | 1.04 |
| Private Providers | 11,743 | 8,941 | 46.5 | 20.9 | 3.7 | 1.071 | 3 | 6.5 | 0.66 |
| New Zealand | 422,904 | 320,293 | 4.4 | 5.5 | 3.8 | 1.000 | 2 | 20.5 | 1.00 |

Notes:

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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 2001.

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"_" indicates no cases in 1998/99 and/or 1999/00 and/or 2000/01.

"#" indicates a percentage change of 1,000 percent or more.

Medical Throughput 2000/01

Discharges by DHB region

| DHB Region | Throughput | | | | | Inpatient Length of Stay | | | Day Cases | |
|--------------------|-----------------------|---|---|-----------------------|-------------|--------------------------|-----------------|----------|-------------------|-------------------------|
| | Discharges 2000/01 | Raw | | Case-mix adjusted | | Truncated ALOS | ALOS Ratio** | Median | Raw Percentage | Day Case Ratio*** |
| | | Percentage change 1998/99 to 1999/00 | Percentage change 1999/00 to 2000/01 | Discharges 2000/01 | SDR* | | | | | |
| Northland | 18,272 | 4.6 | 3.1 | 13,340 | 0.96 | 3.5 | 0.974 | 2 | 19.6 | 1.01 |
| Waitemata | 46,502 | 8.3 | 13.5 | 33,328 | 1.01 | 3.7 | 1.000 | 2 | 22.0 | 1.05 |
| Auckland | 44,770 | 4.3 | 18.4 | 31,234 | 0.99 | 3.6 | 0.974 | 2 | 22.0 | 1.07 |
| Counties Manukau | 44,573 | 11.0 | 0.6 | 32,367 | 1.02 | 3.4 | 0.949 | 2 | 20.9 | 1.01 |
| Waikato | 35,637 | 3.7 | 4.0 | 26,923 | 0.96 | 3.8 | 1.000 | 3 | 19.0 | 0.91 |
| Lakes | 11,827 | 1.1 | 0.4 | 9,034 | 1.03 | 4.0 | 1.046 | 2 | 18.4 | 0.94 |
| Bay of Plenty | 23,454 | 6.2 | 1.2 | 18,937 | 1.10 | 4.0 | 1.018 | 3 | 18.0 | 0.93 |
| Tairāwhiti | 6,682 | -2.3 | 6.5 | 4,877 | 1.08 | 3.5 | 1.014 | 2 | 19.3 | 0.91 |
| Taranaki | 13,903 | -1.1 | 12.3 | 10,295 | 1.12 | 3.7 | 1.034 | 3 | 22.9 | 0.91 |
| Hawkes Bay | 18,879 | 1.0 | 6.3 | 14,342 | 1.07 | 4.1 | 1.040 | 3 | 27.7 | 1.10 |
| MidCentral | 14,887 | -0.6 | 0.1 | 12,552 | 0.89 | 4.2 | 1.035 | 3 | 15.6 | 0.86 |
| Whanganui | 8,413 | 4.0 | 4.3 | 6,527 | 1.06 | 4.0 | 1.004 | 2 | 22.0 | 0.99 |
| Capital and Coast | 20,857 | -0.6 | 2.2 | 17,327 | 0.92 | 4.0 | 1.004 | 2 | 17.8 | 0.86 |
| Hutt | 14,589 | 10.5 | 3.8 | 11,115 | 1.02 | 3.7 | 0.995 | 2 | 26.6 | 1.18 |
| Wairarapa | 4,812 | 5.1 | 0.5 | 3,621 | 1.04 | 3.7 | 0.988 | 2 | 21.1 | 1.07 |
| Nelson Marlborough | 11,233 | 10.2 | 2.5 | 8,708 | 0.86 | 3.7 | 0.968 | 2 | 25.5 | 1.03 |
| West Coast | 4,061 | 3.7 | 3.5 | 3,158 | 1.13 | 3.9 | 0.999 | 2 | 15.7 | 0.86 |
| Canterbury | 45,792 | 1.3 | 2.4 | 36,154 | 1.03 | 4.4 | 1.040 | 3 | 21.0 | 1.07 |
| South Canterbury | 6,176 | -0.8 | 0.6 | 4,543 | 0.98 | 3.8 | 1.003 | 2 | 28.4 | 1.09 |
| Otago | 16,640 | 5.4 | 5.5 | 13,496 | 0.94 | 4.0 | 0.995 | 3 | 16.5 | 0.86 |
| Southland | 10,945 | 1.4 | 3.9 | 8,416 | 1.00 | 3.6 | 0.973 | 2 | 21.9 | 0.99 |
| New Zealand | 422,904 | 4.4 | 5.5 | 320,293 | 1.00 | 3.8 | 1.000 | 2 | 20.5 | 1.00 |

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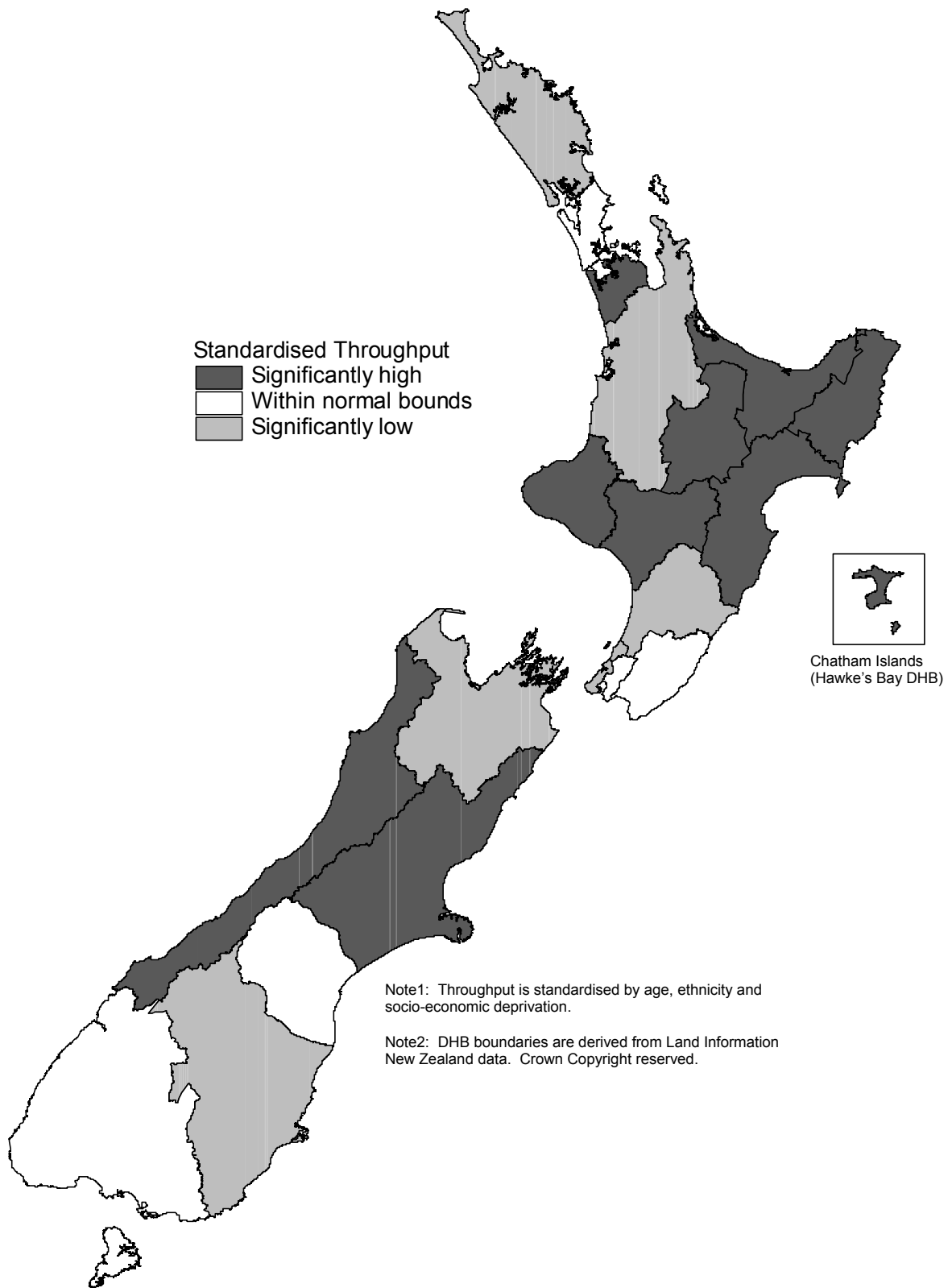
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Medical 2000/01



6. Surgical Throughput

Surgical Throughput - 2000/01

| Discharges | Māori | Other | Pacific peoples | Total |
|------------|--------|---------|-----------------|---------|
| Male | 10,370 | 68,639 | 3,919 | 82,928 |
| Female | 14,199 | 88,815 | 5,279 | 108,293 |
| Total | 24,569 | 157,454 | 9,198 | 191,221 |

Price

| | |
|--------------|----------|
| Price | \$ 3,857 |
| Price weight | 1.5507 |

Admission type

| | Number | % |
|----------|---------|------|
| Acute | 49,882 | 26.1 |
| Arranged | 29,979 | 15.7 |
| Elective | 111,360 | 58.2 |

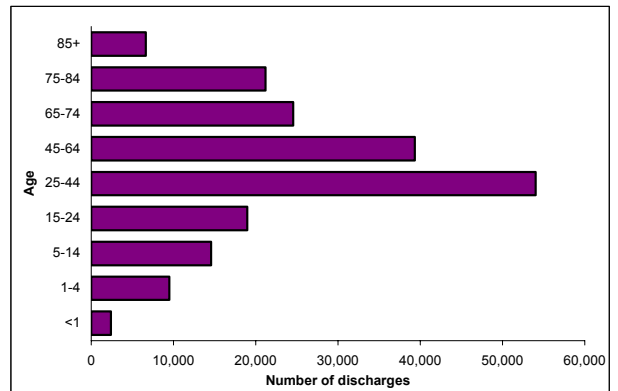
Discharge type

| | Number | % |
|-------------------------|---------|------|
| Routine | 182,599 | 95.5 |
| Self - indemnity signed | 133 | 0.1 |
| Self - no indemnity | 224 | 0.1 |
| Transfer | 6,834 | 3.6 |
| Died | 1,366 | 0.7 |
| Other | 65 | 0.0 |

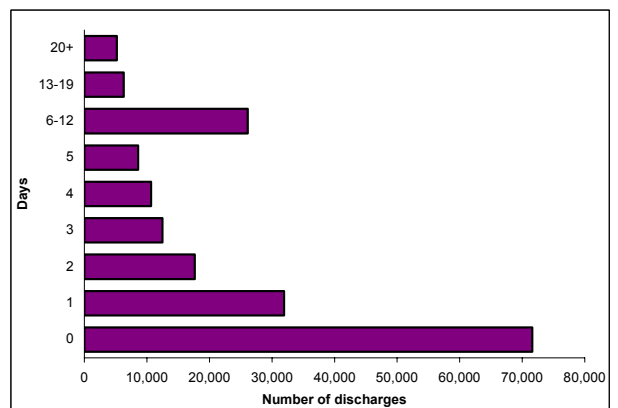
Length of Stay

| | Days |
|---------------------------------------|------|
| Untruncated average | 3.7 |
| Truncated average | 3.5 |
| Truncated average - daycases excluded | 5.5 |
| Minimum | 0 |
| Maximum | 246 |
| Percentage day case | 37.5 |

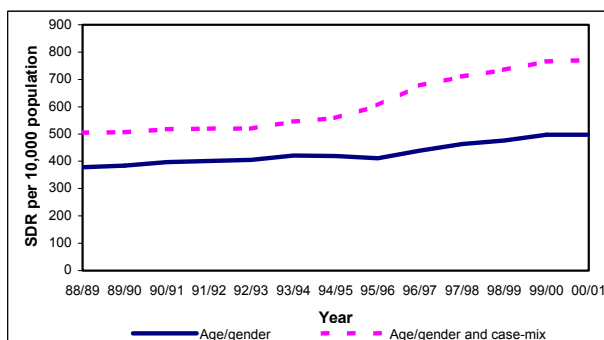
Age distribution



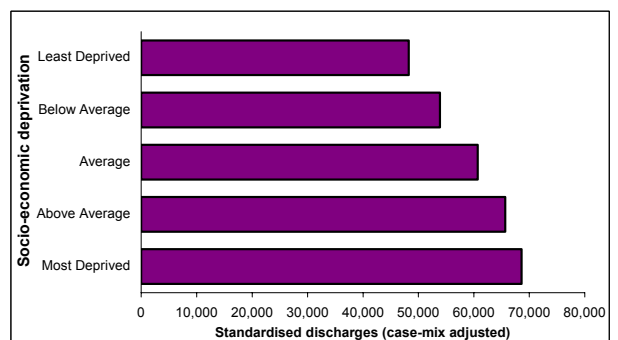
Length of Stay



Standardised discharge rates, by year



Discharges by socio-economic deprivation



Surgical Throughput - 2000/01

Discharges by provider

| Provider | Throughput | | | | Inpatient Length of Stay | | | Day Cases | |
|--------------------|----------------|-------------------|-----------------------|--------------------|--------------------------|--------------|----------|----------------|------------------|
| | 2000/01 | | Raw percentage change | | Truncated ALOS | ALOS Ratio* | Median | Raw Percentage | Day Case Ratio** |
| | Raw | Case-mix adjusted | 1998/99 to 1999/00 | 1999/00 to 2000/01 | | | | | |
| Northland | 6,824 | 7,755 | 4.6 | -3.6 | 4.5 | 0.982 | 3 | 46.9 | 1.01 |
| Waitemata | 9,440 | 11,983 | 14.2 | 4.3 | 4.9 | 0.982 | 3 | 40.5 | 1.06 |
| Auckland | 25,920 | 56,918 | 7.6 | -0.2 | 7.2 | 1.011 | 4 | 33.0 | 1.04 |
| Counties Manukau | 18,732 | 25,375 | 10.9 | 0.0 | 5.4 | 0.986 | 3 | 38.7 | 1.04 |
| Waikato | 18,696 | 30,064 | 9.8 | 4.5 | 6.0 | 1.019 | 3 | 36.3 | 0.92 |
| Lakes | 4,333 | 4,773 | 2.9 | -3.2 | 4.7 | 0.990 | 3 | 46.9 | 1.05 |
| Bay of Plenty | 8,940 | 11,850 | 1.3 | 0.1 | 5.0 | 0.985 | 3 | 40.5 | 1.06 |
| Tairāwhiti | 2,252 | 2,648 | 5.3 | -3.3 | 5.1 | 1.045 | 3 | 41.6 | 0.93 |
| Taranaki | 5,807 | 6,657 | 0.2 | 3.1 | 4.3 | 0.967 | 2 | 48.1 | 1.00 |
| Hawkes Bay | 6,277 | 8,918 | 5.1 | -9.0 | 5.9 | 1.041 | 3 | 43.0 | 1.02 |
| MidCentral | 6,688 | 9,777 | -4.2 | -4.4 | 5.2 | 1.016 | 3 | 33.1 | 0.96 |
| Whanganui | 4,270 | 4,871 | 15.3 | 5.0 | 4.7 | 0.981 | 3 | 49.0 | 1.07 |
| Capital and Coast | 12,312 | 23,412 | 1.4 | 0.9 | 5.9 | 0.995 | 4 | 33.9 | 1.00 |
| Hutt | 6,403 | 7,504 | 13.6 | -0.8 | 4.3 | 0.984 | 2 | 36.9 | 0.96 |
| Wairarapa | 1,321 | 1,563 | 5.3 | -9.1 | 4.5 | 1.006 | 3 | 37.8 | 1.11 |
| Nelson Marlborough | 6,268 | 7,697 | 12.8 | -1.8 | 4.9 | 1.017 | 3 | 46.7 | 1.01 |
| West Coast | 1,321 | 1,378 | -4.7 | -9.8 | 3.7 | 0.993 | 2 | 41.3 | 0.96 |
| Canterbury | 21,887 | 38,122 | 6.5 | 1.9 | 5.7 | 1.020 | 3 | 28.9 | 0.90 |
| South Canterbury | 2,885 | 3,675 | -13.1 | 7.6 | 5.3 | 1.011 | 3 | 44.1 | 1.04 |
| Otago | 10,473 | 17,649 | 1.0 | 1.0 | 5.7 | 0.980 | 3 | 37.2 | 1.03 |
| Southland | 4,004 | 5,684 | -6.3 | -2.9 | 4.3 | 0.925 | 3 | 32.7 | 1.04 |
| Private Providers | 6,168 | 8,256 | -7.5 | 33.1 | 3.4 | 0.967 | 2 | 46.9 | 0.99 |
| New Zealand | 191,221 | 296,527 | 5.4 | 1.0 | 5.5 | 1.000 | 3 | 37.5 | 1.00 |

Notes:

1 Data source: NMDS public hospital data maintained by NZHIS (NZ Health Information Service). The data was extracted from the NMDS on 4 March 2002.

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 2001.

4 Case-mix adjusted discharges are based on Victorian cost weights modified by the HFA for deriving 2000/01 contracted prices with HHSs.

5 ALOS = Average length of stay. Note: excludes all day cases.

6 All figures exclude cases for Queen Elizabeth Hospital in Rotorua from September 1 1998 to June 30 2000.

* A shaded ratio implies that the provider ALOS is significantly different from the national ALOS, after case-mix adjustment.

** A shaded ratio implies that the provider percentage is significantly different from the national percentage, after case-mix adjustment.

"_" indicates no cases in 1998/99 and/or 1999/00 and/or 2000/01.

"#" indicates a percentage change of 1,000 percent or more.

Surgical Throughput 2000/01

Discharges by DHB region

| DHB Region | Throughput | | | | | Inpatient Length of Stay | | | Day Cases | |
|--------------------|-----------------------|---|---|-----------------------|-------------|--------------------------|-----------------|----------|-------------------|-------------------------|
| | Discharges 2000/01 | Raw | | Case-mix adjusted | | Truncated ALOS | ALOS Ratio** | Median | Raw Percentage | Day Case Ratio*** |
| | | Percentage change 1998/99 to 1999/00 | Percentage change 1999/00 to 2000/01 | Discharges 2000/01 | SDR* | | | | | |
| Northland | 7,842 | 4.6 | -2.1 | 11,628 | 0.92 | 5.4 | 0.993 | 3 | 42.3 | 1.00 |
| Waitemata | 19,390 | 8.3 | 4.9 | 31,469 | 1.01 | 5.9 | 0.996 | 4 | 38.0 | 1.06 |
| Auckland | 16,337 | 7.7 | 0.4 | 26,798 | 0.94 | 6.1 | 1.002 | 4 | 36.1 | 1.04 |
| Counties Manukau | 16,583 | 6.5 | -3.7 | 25,371 | 0.94 | 5.7 | 0.983 | 3 | 40.1 | 1.04 |
| Waikato | 16,671 | 4.1 | 4.4 | 25,572 | 1.00 | 5.6 | 1.012 | 3 | 35.5 | 0.93 |
| Lakes | 5,650 | 11.3 | 5.8 | 7,690 | 1.01 | 5.6 | 0.998 | 3 | 44.9 | 1.02 |
| Bay of Plenty | 10,679 | 0.0 | 2.2 | 15,838 | 0.99 | 5.5 | 0.997 | 3 | 41.4 | 1.04 |
| Tairāwhiti | 2,569 | 8.3 | -1.3 | 3,669 | 0.97 | 5.8 | 1.055 | 3 | 37.1 | 0.90 |
| Taranaki | 6,596 | 2.8 | 4.6 | 9,199 | 1.06 | 5.1 | 0.985 | 3 | 44.4 | 1.00 |
| Hawkes Bay | 7,125 | 6.3 | -8.7 | 12,491 | 1.02 | 6.7 | 1.051 | 4 | 38.8 | 1.00 |
| MidCentral | 7,472 | -0.4 | -4.1 | 12,087 | 0.92 | 5.4 | 1.015 | 3 | 33.6 | 0.95 |
| Whanganui | 4,925 | 12.8 | 5.5 | 6,611 | 1.18 | 5.2 | 0.999 | 3 | 44.6 | 1.04 |
| Capital and Coast | 10,632 | 4.6 | 6.6 | 16,501 | 0.95 | 4.9 | 0.977 | 3 | 36.4 | 1.00 |
| Hutt | 7,042 | 7.0 | 7.0 | 9,764 | 0.97 | 4.8 | 0.983 | 3 | 40.3 | 1.00 |
| Wairarapa | 2,223 | 0.3 | 3.3 | 3,291 | 0.99 | 5.2 | 1.012 | 3 | 38.8 | 1.02 |
| Nelson Marlborough | 7,367 | 10.2 | 2.2 | 10,500 | 1.05 | 5.3 | 1.020 | 3 | 43.7 | 0.99 |
| West Coast | 2,028 | 5.4 | -4.8 | 2,892 | 1.06 | 5.0 | 1.039 | 3 | 35.5 | 0.91 |
| Canterbury | 21,828 | 9.2 | -2.3 | 35,435 | 1.04 | 5.4 | 1.012 | 3 | 31.3 | 0.92 |
| South Canterbury | 3,199 | -9.4 | 6.8 | 5,104 | 1.10 | 5.8 | 1.007 | 3 | 38.7 | 1.03 |
| Otago | 10,066 | 2.3 | 1.7 | 16,221 | 1.16 | 5.5 | 0.982 | 3 | 37.9 | 1.02 |
| Southland | 4,997 | -4.7 | -1.7 | 8,397 | 1.04 | 5.1 | 0.952 | 3 | 30.8 | 1.01 |
| New Zealand | 191,221 | 5.4 | 1.0 | 296,527 | 1.00 | 5.5 | 1.000 | 3 | 37.5 | 1.00 |

Notes:

1 Data source: NMDS public hospital data maintained by NZHIS (NZ Health Information Service). The data was extracted from the NMDS on 4 March 2002.

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 2001.

4 Case-mix adjusted discharges are based on Victorian cost weights modified by the HFA for deriving 2000/01 contracted prices with HHSs.

5 SDR = Standardised discharge ratio.

6 ALOS = Average length of stay. Note: excludes all day cases.

7 All figures exclude cases for Queen Elizabeth Hospital in Rotorua from September 1 1998 to June 30 2000.

* A shaded number implies that the DHB region rate is significantly different from the national rate.

** A shaded number implies that the DHB region ALOS is significantly different from the national ALOS, after case-mix adjustment.

*** A shaded ratio implies that the DHB region percentage is significantly different from the national percentage, after case-mix adjustment.

“-” indicates no cases in 1998/99 and/or 1999/00 and/or 2000/01.

Surgical 2000/01

