## Central Forecasting and Modelling Unit

## National School Roll Projections

July 2006 update
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November 2006

## Introduction

This report describes the latest forecast of the number of students ${ }^{1}$ enrolled in New Zealand's schools. Forecasts described here support the forecasting of expenditure on teachers' salaries, schools' operations grants, and student allowances, as part of the Government's fiveyear budget forecasts. The forecast rolls are snapshots; they project primary year-levels as at 1 July and secondary year-levels as at 1 March.

In this update, the 1 July 2006 roll survey forms the new base for the primary level forecast, and the 1 March 2006 roll survey forms the new base for the secondary level forecast. The roll driver assumptions have been revised due to new birth and migration information from Statistics New Zealand (SNZ).

This report is in two parts:

1. Results of the latest national school roll projections (July 2006 update).
2. A detailed breakdown of the major changes between the current forecast and the previous forecast. This section includes a brief description of the methodology used in this forecast.

A more detailed report on the methodology used in the National School Roll Projections is also available on request.

[^0]
## PART 1: Results from the National School Roll Projections

The forecast results are based on the medium projection of a series of four roll projections: low, medium-low, medium, and high. At the time of calculation, all the projections are considered possible in that the roll levels predicted by each will occur if their respective assumptions (rates of migration, births, senior school retention, etc.) become true. While the medium forecast is the projection that the Ministry considers to be the most likely to occur, consideration should be given to the possibility of the high and low projections eventuating.

The roll projections are of regular students in Year 1 to Year 15. These include adult students but exclude foreign fee paying students (FFPs) and students on a scholarship from the New Zealand Agency for International Development (NZAID). Special school students are forecast separately.

## Primary enrolments

Primary level enrolments (Year 1 to Year 8) peaked in 2003 (see Figure 1). In 2006, there were around 479,300 primary level enrolments - around 1,500 (or 0.4 percent) fewer than in 2005.

The single most important driver in the primary level forecast is the number of children born in a given year and their entrance into the school system five years later. Since 2003 there has been a notable increase in the number of births. This increase is expected to boost primary rolls in 2009 and eventually impact on secondary rolls in later years. The current set of SNZ birth projections forecast a decline in births from 2006 on.

Figure 1: Actual and projected Year 1 to Year 8 enrolments, 1996 to 2026


[^1]
## Secondary enrolments

Secondary level enrolments (Year 9 to Year 15) have shown large increases since 2001 (see Figure 2). In 2006, there were around 274,200 secondary level enrolments - around 1,900 (or 0.7 percent) more than in 2005.

The forecast period captures the primary bulge that resulted from the large increase in births from the mid-1980s until 1992. This bulge started flowing into secondary schools in 1999, bringing about increases in secondary school rolls. This bulge continues to push secondary rolls well in excess of previous levels. Secondary rolls are expected to peak in 2007 at around 274,500 enrolments.

The forecast period also captures the increase in birth cohorts since 2003, which will leave primary school around 2016 and enter secondary school in 2017.

Figure 2: Actual and projected Year 9 to Year 15 enrolments, 1996 to 2026

*Actual

## PART 2: Changes in assumptions

The National School Roll Projections are updated following the release of the March and July roll survey results. The March roll survey data is used to update Year 9 to Year 15 projections, and the July roll survey data is used to update the Year 1 to Year 8 projections.

The previous forecast was completed in September 2005 and is referred to as the July 2005 update $^{2}$. The current forecast incorporates the July 2006 Year 1 to Year 8 roll survey data and the March 2006 Year 9 to Year 15 roll survey data, as well as the latest actual migration data. This current forecast is referred to as the July 2006 update.

## Main drivers

Birth data provided by SNZ is the most important factor in determining the number of children at school age. Children born in any one year enter school five years later, and then proceed through primary and secondary schooling in subsequent years.

Migration projections are also provided by SNZ and are another important factor in the roll projections. The current roll projections use SNZ's official long-term population projections for both the age profile of migrants and the projected number of births as mentioned above.

## Methodology

This forecast uses the results from the roll surveys of July 2006 and March 2006 for Year 1 to Year 8 rolls and Year 9 to Year 15 rolls respectively as its base. From this base we use a cohort component methodology to produce the school roll projections out to the year 2026. The projections are snapshot projections - they project primary year-levels as at 1 July and secondary year-levels as at 1 March.

The main drivers used in this projection are:

1. number of actual and projected births;
2. progression rates of students from one school year-level to the next, between calendar years. These are also called retention rates in secondary Years 12 to 15; and
3. the number of actual and projected permanent and long-term (PLT) migrants arriving/leaving NZ.

The number of special school and home-schooled students is also forecast. The regular school roll forecast is adjusted to reflect roll movement to and from these sectors. Please refer to appendices 2 and 3 for the special school and home-school roll forecast.

[^2]
## Baseline update: school enrolments

The current Year 1 to Year 8 and Year 9 to 15 forecast baseline has been updated with the actual rolls from the 1 July 2006 and the 1 March 2006 roll collections. Inclusion of the actuals allows us to:

1. update the primary and secondary level roll base for 2006 on which the projections for the out-years are based;
2. analyse the accuracy of the previous forecast; and
3. evaluate the assumptions (migration, retention, and births) that were previously used and make appropriate revisions for the current forecast.

Actual results from the 1 July 2006 roll survey indicate that the previous forecast of students in primary year-levels was too high by 200 students, or 0.05 percent. The number of Year 1 to Year 8 students attending NZ schools decreased by around 1,500 regular students, or 0.3 percent, between July 2005 and July 2006.

Actual results from the 1 March 2006 roll survey indicate that the previous forecast of students in secondary year-levels was too high by 300 students, or 0.1 percent. The number of Year 9 to Year 15 students attending NZ schools decreased by around 1,600 regular students, or 0.6 percent, between March 2005 and March 2006.

## Assumption changes to migration

Net PLT migration (the difference between migrant arrivals and departures) is the most difficult driver to predict. The roll projection model assumes net migration in 1 July to 30 June years.

The net PLT migration assumptions used in this forecast, as with the previous forecast, come from SNZ's projections (July 2006). For 2007 onwards the assumptions have been changed to reflect the lower than expected level of school-aged migrants experienced in 2006.

Table 1: Net permanent and long-term migration of school-aged children (0 to 17 years)

| Year | Current Forecast <br> (0 to 17 year olds) | Previous Forecast <br> (0 to 17 year olds) | Net Change <br> (0 to 17 year olds) |
| :---: | ---: | ---: | ---: |
| 2006 | $3,200^{*}$ | 3,900 | -700 |
| 2007 | 3,600 | 5,300 | $-1,700$ |
| 2008 | 3,800 | 5,900 | $-2,100$ |
| 2009 | 3,600 | 6,600 | $-3,000$ |
| 2010 | 3,300 | 6,600 | $-3,300$ |
| 2011 onwards | 3,200 | 6,600 | $-3,400$ |

* Actual migration

Net PLT migration statistics give us a starting point for estimating the number of migrants in schools, as they include all children intending to enter/leave New Zealand for a period of 12 months or more. It is important to note however that the number of net PLT school-aged migrants does not translate directly to the number of extra children in schools.

In the roll projections, estimates are made of the number of PLT migrants who will enrol in NZ schools by year level. Table 3 summarises the number of PLT migrants expected to enter NZ schools in coming years.

Table 2: Number of migrant students expected to enter primary and secondary level schooling

| Year | Primary** <br> Current <br> forecast |  |  | Previous <br> Forecast | Net <br> Change | Current <br> forecast |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $2,900^{*}$ | 3,000 | -100 | 1,200 | 1,400 | -200 |  |
| Previous | Net <br> Change |  |  |  |  |  |
| 2006 | 3,400 | 3,700 | -300 | 1,400 | 1,700 | -300 |
| 2008 | 3,300 | 3,900 | -600 | 1,400 | 1,800 | -400 |
| 2009 | 3,000 | 3,900 | -900 | 1,400 | 2,000 | -600 |
| 2010 | 2,500 | 3,900 | $-1,400$ | 1,300 | 2,000 | -700 |
| 2011 onwards | 2,400 | 3,900 | $-1,500$ | 1,200 | 2,000 | -800 |

*Estimated actual
** Primary totals include 0 to 4 year old migrants who arrived in NZ in the last four years and will be turning 5 years old in the projected year.

## Assumption changes to progression rates

Enrolment projections use progression rates to estimate how many students at a given yearlevel will progress to the next year-level the following year. A progression rate is derived by analysing historical, gender-specific trends in enrolments for each year-level, and is adjusted to exclude the effects of net migration.

These progression rates are assumed constant throughout the projection period ${ }^{3}$. They are first applied to the most recent actual roll data to estimate the number of students that will enter each year-level in the following year, and then reapplied to this result to estimate the number of students in subsequent years.

Between the previous forecast and the current one, progression rates have been changed to reflect changes in actual roll data. Primary level progression rates increased for Year 1 and Year 2 students. Secondary level progression rates have generally decreased (Table 3).

Table 3: Progression rates in the current forecast vs. previous forecast

|  | Current Forecast |  | Previous Forecast |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Male | Female | Male | Female |
| Birth to Year 1 | 1.0036 | 1.0096 | 1.0035 | 1.0049 |
| Year 1 to Year 2 | 0.9853 | 0.9914 | 0.9806 | 0.9840 |
| Year 2 to Year 3 | 0.9990 | 0.9986 | 1.0010 | 1.0007 |
| Year 3 to Year 4 | 0.9983 | 0.9977 | 1.0022 | 1.0020 |
| Year 4 to Year 5 | 0.9999 | 0.9971 | 1.0003 | 1.0014 |
| Year 5 to Year 6 | 0.9894 | 0.9906 | 0.9918 | 0.9897 |
| Year 6 to Year 7 | 1.1695 | 1.1546 | 1.1707 | 1.1542 |
| Year 7 to Year 8 | 0.8789 | 0.8869 | 0.8767 | 0.8911 |
| Year 8 to Year 9 | 0.9986 | 0.9954 | 1.0014 | 0.9971 |
| Year 9 to Year 10 | 0.9906 | 1.0006 | 0.9860 | 0.9969 |
| Year 10 to Year 11 | 0.9650 | 0.9846 | 0.9658 | 0.9830 |
| Year 11 to Year 12 | 0.8015 | 0.8621 | 0.8081 | 0.8633 |
| Year 12 to Year 13 | 0.7099 | 0.7752 | 0.7106 | 0.7548 |
| Year 13 to Year 14 | 0.0304 | 0.0289 | 0.0282 | 0.0261 |
| Year 14 to Year 15 | 0.1609 | 0.2602 | 0.1373 | 0.2253 |

[^3]
## APPENDIX

A1 Summaries of primary-level, secondary level and total student rolls

A2 Forecast special school rolls

A3 Forecast home-schooling rolls

## APPENDIX ONE

Table 1: Actual and projected number of students in Year 1 to Year 8, 1996 to 2026

| Actual and Projected Roll |  |  |  |  | Index of Growth | Change from Previous Year |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Low | Medium Low | Medium | High | Medium 2006 Base | Year | Low | Medium Low | Medium | High |
| 1996* |  |  | 460,800 |  | 0.96 | 1996* |  |  |  |  |
| 1997* |  |  | 471,600 |  | 0.98 | 1997* |  |  | 10,800 |  |
| 1998* |  |  | 479,100 |  | 1.00 | 1998* |  |  | 7,500 |  |
| 1999* |  |  | 483,700 |  | 1.01 | 1999* |  |  | 4,600 |  |
| 2000* |  |  | 484,600 |  | 1.01 | 2000* |  |  | 900 |  |
| 2001* |  |  | 484,000 |  | 1.01 | 2001* |  |  | -600 |  |
| 2002* |  |  | 486,700 |  | 1.01 | 2002* |  |  | 2,700 |  |
| 2003* |  |  | 488,500 |  | 1.02 | 2003* |  |  | 1,800 |  |
| 2004* |  |  | 484,500 |  | 1.01 | 2004* |  |  | -4,000 |  |
| 2005* |  |  | 482,600 |  | 1.00 | 2005* |  |  | -1,900 |  |
| 2006* | 481,000 | 481,000 | 481,000 | 481,000 | 1.00 | 2006* | -1,600 | -1,600 | -1,600 | -1,600 |
| 2007 | 475,800 | 477,000 | 478,100 | 481,700 | 0.99 | 2007 | -5,200 | -4,000 | -2,900 | 700 |
| 2008 | 470,600 | 473,000 | 475,000 | 482,300 | 0.99 | 2008 | -5,200 | -4,000 | -3,100 | 600 |
| 2009 | 469,500 | 473,000 | 475,900 | 486,400 | 0.99 | 2009 | -1,100 | 0 | 900 | 4,100 |
| 2010 | 468,600 | 473,000 | 476,700 | 489,900 | 0.99 | 2010 | -900 | 0 | 800 | 3,500 |
| 2011 | 467,700 | 473,000 | 477,100 | 492,800 | 0.99 | 2011 | -900 | 0 | 400 | 2,900 |
| 2012 | 466,700 | 472,900 | 477,600 | 495,500 | 0.99 | 2012 | -1,000 | -100 | 500 | 2,700 |
| 2013 | 463,000 | 470,100 | 475,500 | 495,700 | 0.99 | 2013 | -3,700 | -2,800 | -2,100 | 200 |
| 2014 | 460,000 | 468,000 | 473,800 | 496,100 | 0.99 | 2014 | -3,000 | -2,100 | -1,700 | 400 |
| 2015 | 460,400 | 468,800 | 475,100 | 498,400 | 0.99 | 2015 | 400 | 800 | 1,300 | 2,300 |
| 2016 | 459,300 | 468,300 | 475,000 | 499,400 | 0.99 | 2016 | -1,100 | -500 | -100 | 1,000 |
| 2017 | 455,400 | 464,800 | 472,000 | 497,400 | 0.98 | 2017 | -3,900 | -3,500 | -3,000 | -2,000 |
| 2018 | 451,100 | 461,000 | 468,800 | 495,300 | 0.97 | 2018 | -4,300 | -3,800 | -3,200 | -2,100 |
| 2019 | 446,400 | 456,900 | 465,300 | 493,100 | 0.97 | 2019 | -4,700 | -4,100 | -3,500 | -2,200 |
| 2020 | 442,800 | 454,000 | 463,100 | 492,100 | 0.96 | 2020 | -3,600 | -2,900 | -2,200 | -1,000 |
| 2021 | 439,600 | 451,400 | 461,000 | 491,300 | 0.96 | 2021 | -3,200 | -2,600 | -2,100 | -800 |
| 2022 | 437,100 | 449,400 | 459,600 | 491,100 | 0.96 | 2022 | -2,500 | -2,000 | -1,400 | -200 |
| 2023 | 435,200 | 448,100 | 458,800 | 491,400 | 0.95 | 2023 | -1,900 | -1,300 | -800 | 300 |
| 2024 | 433,900 | 447,300 | 458,600 | 492,300 | 0.95 | 2024 | -1,300 | -800 | -200 | 900 |
| 2025 | 433,200 | 447,100 | 458,900 | 493,600 | 0.95 | 2025 | -700 | -200 | 300 | 1,300 |
| 2026 | 433,000 | 447,300 | 459,500 | 495,200 | 0.96 | 2026 | -200 | 200 | 600 | 1,600 |

Note 1: The total figures may differ from other total figures due to rounding and inclusion of special schools.
Note 2: Actuals and projections are as at 1 July each year, and do not include weighting on the new entrant roll. Where census date is not 1 July, the new entrant roll has been adjusted accordingly Note 3: Includes special school students hence double counting of hospital and health camp students has occurred.

Table 2: Actual and projected number of students in Year 9 to Year 15, 1996 to 2026

| Actual and Projected Roll |  |  |  |  | Index of Growth | Change from Previous Year |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Low | Medium Low | Medium | High | Medium 2006 <br> Base | Year | Low | Medium Low | Medium | High |
| 1996* |  |  | 235,700 |  | 0.85 | 1996* |  |  |  |  |
| 1997* |  |  | 236,100 |  | 0.86 | 1997* |  |  | 400 |  |
| 1998* |  |  | 240,000 |  | 0.87 | 1998* |  |  | 3,900 |  |
| 1999* |  |  | 242,900 |  | 0.88 | 1999* |  |  | 2,900 |  |
| 2000* |  |  | 241,700 |  | 0.88 | 2000* |  |  | -1,200 |  |
| 2001* |  |  | 242,700 |  | 0.88 | 2001* |  |  | 1,000 |  |
| 2002* |  |  | 248,500 |  | 0.90 | 2002* |  |  | 5,800 |  |
| 2003* |  |  | 258,100 |  | 0.94 | 2003* |  |  | 9,600 |  |
| 2004* |  |  | 269,200 |  | 0.98 | 2004* |  |  | 11,100 |  |
| 2005* | 273,900 | 273,900 | 273,900 | 273,900 | 0.99 | 2005* |  |  | 4,700 |  |
| 2006* | 275,800 | 275,800 | 275,800 | 275,800 | 1.00 | 2006* | 1,900 | 1,900 | 1,900 | 1,900 |
| 2007 | 274,500 | 275,400 | 276,500 | 278,000 | 1.00 | 2007 | -1,300 | -400 | 700 | 2,200 |
| 2008 | 271,400 | 273,500 | 275,800 | 278,800 | 1.00 | 2008 | -3,100 | -1,900 | -700 | 800 |
| 2009 | 267,000 | 269,900 | 273,100 | 277,800 | 0.99 | 2009 | -4,400 | -3,600 | -2,700 | -1,000 |
| 2010 | 263,400 | 267,100 | 271,000 | 277,200 | 0.98 | 2010 | -3,600 | -2,800 | -2,100 | -600 |
| 2011 | 261,600 | 266,000 | 270,300 | 277,500 | 0.98 | 2011 | -1,800 | -1,100 | -700 | 300 |
| 2012 | 258,900 | 263,700 | 268,300 | 277,300 | 0.97 | 2012 | -2,700 | -2,300 | -2,000 | -200 |
| 2013 | 258,100 | 263,300 | 268,200 | 278,700 | 0.97 | 2013 | -800 | -400 | -100 | 1,400 |
| 2014 | 257,500 | 263,100 | 268,500 | 280,100 | 0.97 | 2014 | -600 | -200 | 300 | 1,400 |
| 2015 | 253,900 | 260,300 | 266,100 | 280,000 | 0.96 | 2015 | -3,600 | -2,800 | -2,400 | -100 |
| 2016 | 250,700 | 257,800 | 264,100 | 280,000 | 0.96 | 2016 | -3,200 | -2,500 | -2,000 | 0 |
| 2017 | 250,900 | 258,700 | 265,400 | 283,300 | 0.96 | 2017 | 200 | 900 | 1,300 | 3,300 |
| 2018 | 250,600 | 259,000 | 266,000 | 285,400 | 0.96 | 2018 | -300 | 300 | 600 | 2,100 |
| 2019 | 251,400 | 260,100 | 267,400 | 287,900 | 0.97 | 2019 | 800 | 1,100 | 1,400 | 2,500 |
| 2020 | 252,200 | 261,100 | 268,500 | 289,500 | 0.97 | 2020 | 800 | 1,000 | 1,100 | 1,600 |
| 2021 | 251,700 | 260,800 | 268,400 | 289,800 | 0.97 | 2021 | -500 | -300 | -100 | 300 |
| 2022 | 249,200 | 258,500 | 266,400 | 288,200 | 0.97 | 2022 | -2,500 | -2,300 | -2,000 | -1,600 |
| 2023 | 246,600 | 256,200 | 264,400 | 286,800 | 0.96 | 2023 | -2,600 | -2,300 | -2,000 | -1,400 |
| 2024 | 243,800 | 253,800 | 262,200 | 285,300 | 0.95 | 2024 | -2,800 | -2,400 | -2,200 | -1,500 |
| 2025 | 241,700 | 252,000 | 260,800 | 284,600 | 0.95 | 2025 | -2,100 | -1,800 | -1,400 | -700 |
| 2026 | 239,800 | 250,400 | 259,500 | 284,000 | 0.94 | 2026 | -1,900 | -1,600 | -1,300 | -600 |

Note 1: The total figures may differ from other total figures due to rounding and inclusion of special schools.
Note 2: Actuals and projections are as at 1 July each year
Note 3: Includes special school students hence double counting of hospital and health camp students has occurred.

Table 3: Actual and projected number of students in Year 1 to Year 15, 1996 to 2026

| Actual and Projected Roll |  |  |  |  | Index of Growth | Change from Previous Year |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Low | Medium Low | Medium | High | Medium 2006 Base | Year | Low | Medium Low | Medium | High |
| 1996* |  |  | 696,500 |  | 0.92 | 1996* |  |  |  |  |
| 1997* |  |  | 707,700 |  | 0.94 | 1997* |  |  | 11,200 |  |
| 1998* |  |  | 719,100 |  | 0.95 | 1998* |  |  | 11,400 |  |
| 1999* |  |  | 726,500 |  | 0.96 | 1999* |  |  | 7,400 |  |
| 2000* |  |  | 726,300 |  | 0.96 | 2000* |  |  | -200 |  |
| 2001* |  |  | 726,700 |  | 0.96 | 2001* |  |  | 400 |  |
| 2002* |  |  | 735,200 |  | 0.97 | 2002* |  |  | 8,500 |  |
| 2003* |  |  | 746,600 |  | 0.99 | 2003* |  |  | 11,400 |  |
| 2004* |  |  | 753,700 |  | 1.00 | 2004* |  |  | 7,100 |  |
| 2005* |  |  | 756,500 |  | 1.00 | 2005* |  |  | 2,800 |  |
| 2006* | 756,700 | 756,700 | 756,700 | 756,700 | 1.00 | 2006 | 200 | 200 | 200 | 200 |
| 2007 | 750,300 | 752,400 | 754,600 | 759,700 | 1.00 | 2007 | -6,400 | -4,300 | -2,100 | 3,000 |
| 2008 | 742,000 | 746,500 | 750,800 | 761,100 | 0.99 | 2008 | -8,300 | -5,900 | -3,800 | 1,400 |
| 2009 | 736,500 | 742,900 | 749,100 | 764,200 | 0.99 | 2009 | -5,500 | -3,600 | -1,700 | 3,100 |
| 2010 | 731,900 | 740,100 | 747,600 | 767,100 | 0.99 | 2010 | -4,600 | -2,800 | -1,500 | 2,900 |
| 2011 | 729,300 | 738,900 | 747,400 | 770,300 | 0.99 | 2011 | -2,600 | -1,200 | -200 | 3,200 |
| 2012 | 725,500 | 736,500 | 745,900 | 772,800 | 0.99 | 2012 | -3,800 | -2,400 | -1,500 | 2,500 |
| 2013 | 721,100 | 733,400 | 743,600 | 774,400 | 0.98 | 2013 | -4,400 | -3,100 | -2,300 | 1,600 |
| 2014 | 717,500 | 731,100 | 742,300 | 776,300 | 0.98 | 2014 | -3,600 | -2,300 | -1,300 | 1,900 |
| 2015 | 714,300 | 729,100 | 741,200 | 778,400 | 0.98 | 2015 | -3,200 | -2,000 | -1,100 | 2,100 |
| 2016 | 710,000 | 726,000 | 739,100 | 779,300 | 0.98 | 2016 | -4,300 | -3,100 | -2,100 | 900 |
| 2017 | 706,300 | 723,500 | 737,500 | 780,700 | 0.97 | 2017 | -3,700 | -2,500 | -1,600 | 1,400 |
| 2018 | 701,700 | 720,000 | 734,900 | 780,700 | 0.97 | 2018 | -4,600 | -3,500 | -2,600 | 0 |
| 2019 | 697,800 | 717,100 | 732,800 | 781,000 | 0.97 | 2019 | -3,900 | -2,900 | -2,100 | 300 |
| 2020 | 695,000 | 715,100 | 731,600 | 781,500 | 0.97 | 2020 | -2,800 | -2,000 | -1,200 | 500 |
| 2021 | 691,300 | 712,200 | 729,500 | 781,100 | 0.96 | 2021 | -3,700 | -2,900 | -2,100 | -400 |
| 2022 | 686,300 | 707,900 | 726,100 | 779,300 | 0.96 | 2022 | -5,000 | -4,300 | -3,400 | -1,800 |
| 2023 | 681,800 | 704,300 | 723,200 | 778,200 | 0.96 | 2023 | -4,500 | -3,600 | -2,900 | -1,100 |
| 2024 | 677,800 | 701,100 | 720,800 | 777,600 | 0.95 | 2024 | -4,000 | -3,200 | -2,400 | -600 |
| 2025 | 674,900 | 699,000 | 719,700 | 778,200 | 0.95 | 2025 | -2,900 | -2,100 | -1,100 | 600 |
| 2026 | 672,800 | 697,600 | 719,000 | 779,200 | 0.95 | 2026 | -2,100 | -1,400 | -700 | 1,000 |

* Actual

Note 1: The total figures may differ from other total figures due to rounding and inclusion of special schools.
Note 2: Actuals and projections are as at 1 July each year, and do not include weighting on the new entrant roll. Where census date is not 1 July, the new entrant roll has been adjusted accordingly. Note 3: Includes special school students hence double counting of hospital and health camp students has occurred

## APPENDIX TWO

Table 1: Actual and forecast special school students


## APPENDIX THREE

Table 1: Actual and forecast home-schooling rolls

| Year | Number in Home Schooling |  |  |
| :---: | :---: | :---: | :---: |
|  | Primary | Secondary | Total |
| 1996* | 3,383 | 1,768 | 5,151 |
| 1997* | 3,374 | 1,977 | 5,351 |
| 1998* | 3,513 | 1,761 | 5,274 |
| 1999* | 3,645 | 1,806 | 5,451 |
| 2000* | 3,975 | 1,902 | 5,877 |
| 2001* | 3,954 | 2,022 | 5,976 |
| 2002* | 4,118 | 2,055 | 6,173 |
| 2003* | 4,285 | 2,152 | 6,437 |
| 2004* | 4,315 | 2,191 | 6,506 |
| 2005* | 4,371 | 2,057 | 6,428 |
| 2006* | 4,245 | 2,053 | 6,298 |
| 2007 | 4,216 | 2,056 | 6,271 |
| 2008 | 4,189 | 2,050 | 6,239 |
| 2009 | 4,197 | 2,030 | 6,228 |
| 2010 | 4,204 | 2,014 | 6,218 |
| 2011 | 4,207 | 2,009 | 6,216 |
| 2012 | 4,212 | 1,994 | 6,206 |
| 2013 | 4,193 | 1,994 | 6,186 |
| 2014 | 4,178 | 1,996 | 6,174 |
| 2015 | 4,190 | 1,978 | 6,168 |
| 2016 | 4,189 | 1,963 | 6,152 |
| 2017 | 4,162 | 1,973 | 6,136 |
| 2018 | 4,134 | 1,978 | 6,112 |
| 2019 | 4,103 | 1,988 | 6,091 |
| 2020 | 4,083 | 1,996 | 6,080 |
| 2021 | 4,065 | 1,995 | 6,061 |
| 2022 | 4,053 | 1,980 | 6,033 |
| 2023 | 4,046 | 1,965 | 6,011 |
| 2024 | 4,044 | 1,949 | 5,993 |
| 2025 | 4,046 | 1,938 | 5,985 |
| 2026 | 4,052 | 1,929 | 5,981 |

Actua
Note: Home-schooling rolls are as at 1 July.


[^0]:    ${ }^{1}$ Note that this discussion excludes special school students. Special school students are forecast as a proportion of rolls at regular schools. However, the appendix tables include special school students; hence there is a difference between totals in the text and totals in the appendices

[^1]:    *Actual

[^2]:    ${ }^{2}$ The July 2005 update used the results from the roll surveys of July 2005 and March 2005 for Year 1 to Year 8 and Year 9 to Year 15 respectively as its base.

[^3]:    ${ }^{3}$ With the exception of Year 12 and Year 13 which have non-static progression rates applied to the first five years of the projection period.

