

Youth2000 Survey Series

**The Health and Wellbeing of  
New Zealand Secondary School Students in 2012**

**Youth'12 Prevalence Tables**

Adolescent Health Research Group (2013)

**un**iservices



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# Introduction

## Overview

Adolescence is an important stage in life which presents unique opportunities and challenges. Adolescents' wellbeing is of critical importance, both for navigating the challenges of the teenage years, and for setting healthy patterns for adult life. In New Zealand there have been significant reductions in adolescent mortality (deaths) over recent decades (Patton, et al., 2009). However, rates of preventable health problems remain high compared to other developed nations (Office of the Prime Minister's Science Advisory Committee, 2011).

Young people, families, communities and governments have made many efforts to improve adolescent health and wellbeing. This report provides an account of how well we are doing for teenagers in 2012 and how health issues have changed since 2001, when the Youth2000 Survey Series began, and since 2007, when we carried out our second national youth health survey.

The rapidly changing environment in which young people grow means the strengths of young people and the difficulties they face are not necessarily the same as they were in 2001 and 2007. Many of these changes are positive and show that it is possible to support healthier teenagers and to make a difference for the present and the future. These changes also demonstrate the need for up-to-date information.

This report has been produced by the Adolescent Health Research Group (AHRG), which carries out the Youth2000 Survey Series. This report describes the methods used and reports key findings of *Youth'12: The national health and wellbeing survey of New Zealand secondary school students* (Youth'12 survey). The report details the numbers and percentages of young people experiencing a wide range of risk and protective factors and engaged in a wide range of health behaviours. Comparative data from the Youth2000 Survey Series in 2001 and 2007 are presented. This report is accompanied by a "Youth'12 Overview" report, which provides a briefer, less technical,

summary document. These reports will be followed by publications detailing health status and changes for different groups in New Zealand and exploring important issues in more depth. All publications will be listed on our website:

[www.youthresearch.auckland.ac.nz](http://www.youthresearch.auckland.ac.nz).

## The Adolescent Health Research Group and the Youth2000 Survey Series

The Adolescent Health Research Group (AHRG) is a multidisciplinary team of researchers, which is supported by youth, cultural, and stakeholder advisors. The purpose of the AHRG is to promote the healthy development and wellbeing of New Zealand youth through scientific research that delivers high quality useable data to all stakeholders. The group was first established in 1997. Over the years the membership of the AHRG has changed, but the vision and commitment remains.

The AHRG has carried out comprehensive national surveys of secondary school students in 2001 (Adolescent Health Research Group, 2003), 2007 (Adolescent Health Research Group, 2008) and now in 2012. The group has also surveyed students in Alternative Education in 2000 (Adolescent Health Research Group, 2002) and 2009 (Clark et al., 2010), and surveyed students in Teen Parent Units in 2007 (Johnson & Denny, 2007). In 2007 and 2012, our surveys of secondary school students were supplemented by surveys with school staff members about school characteristics. Together, these surveys make up the Youth2000 Survey Series.

The Youth2000 Survey Series measures key risk and protective factors in home, school and community settings. The importance of young people feeling connected and cared for; having opportunities for meaningful challenges, participation and contribution; and feeling safe and free from abuse and harm in each of these settings is recognised. The survey series also measures important health and wellbeing outcomes in areas such as mental health, sexual health and substance use.

The environments in which young people grow up are changing rapidly. Since 2001, there have been considerable changes in the areas of technology and social media and in the wider cultural and economic landscapes.

There have also been important policy changes. Consequently, contemporary data is needed.

The funding of Youth'12 is a partnership between eight government agencies: the Ministry of Youth Development, the Ministry of Social Development, the Ministry of Education, the Ministry of Health, the Ministry of Justice, the Department of Labour, the Health Promotion Agency (formerly ALAC) and the Families Commission. The AHRG is also grateful for the support of Toshiba (Australia) Pty. Limited.

Data from the Youth2000 Survey Series have been extensively presented and published and can be found on our website:

[www.youthresearch.auckland.ac.nz](http://www.youthresearch.auckland.ac.nz).

Researchers and groups who wish to use data from the Youth2000 Survey Series are encouraged to do so. The AHRG has a protocol for potential collaborations which can also be found on our website.

# Methods

## Ethical issues

The AHRG, stakeholders and advisors reviewed the survey content and the methods.

The Youth'12 survey built on the procedures used in the previous Youth2000 Survey Series. Like the previous surveys, Youth'12 was completely voluntary (students did not have to participate and could choose to not answer questions or to leave at any time) and anonymous (no personal identification details were collected). The survey had a 'branching' design, so that students were not asked detailed questions about things that did not apply to them. The following safety message was provided at the end of each section of questions:

Thank you for answering these questions. If these questions have been upsetting for you and you wish to talk to someone, remember you can talk to one of the people here. You can also talk to the school counsellor, health staff or Youthline (Phone: 0800 376633 or free text 234).

Within the survey, students were reminded that they could skip questions if they wished to do so. Reminders were included in areas which were potentially upsetting, such as the bullying and violence questions. On finishing the survey each student was given a thank you card. This card contained the contact information for the school staff, the Youth'12 Principal Investigator, the Youth'12 Project Manager and Youthline.

School principals gave consent for their own school to take part. A few weeks before the survey, information was sent to each school for distribution to parents and students. Parents were able to have their child excluded from the survey. On the day of the survey, an explanation was given to selected students and each student personally consented to participate.

The Youth'12 survey obtained ethical approval from the University of Auckland Human Participants Ethics Committee (ref 2011/206).

## Translation of the survey into te reo Māori

All content for the Youth'12 survey was translated into te reo Māori by certified translators. The main translator completed the translation, which was then checked by another person fluent in te reo Māori for clarity and meaning. In addition, the translation was further assessed for clarity by a sample of adolescents who spoke te reo Māori.

## Survey delivery

The survey was delivered utilising audio-visual content on hand held internet tablets. The survey questions were displayed on the tablet and were also available by voiceover via headphones. Students answered the questions by touching the appropriate checkbox on the screen. The Youth'12 survey was available in both English and Māori, with students being able to move between the two languages.

Data from the tablets was saved on laptops at the site before being uploaded to a central web server. The raw data was then exported into a statistical package on a secure server at The University of Auckland for detailed analyses.

## The Youth'12 survey questionnaire

Nine key topic areas were included in the Youth'12 survey: culture and ethnicity; home and family; school; nutrition, exercise and activities; health and emotional health; substance use and gambling; sexual health; injuries and violence; and neighbourhood and spirituality.

The survey was made up of 608 questions. Screening questions were used to ensure that only those who had experienced a particular issue were asked more detailed questions (for example, those who said they had not smoked cigarettes, were not asked further questions about smoking). Thus, students generally answered considerably fewer questions than the survey total.

The survey questions and response options for Youth'12 were built on those used in the 2001 and 2007 surveys. Core items from those earlier surveys were included in Youth'12 so that trends or changes could be observed.

To allow for consideration of additional issues, new items were developed in consultation with stakeholders, advisory groups and researchers. New items were tested as part of our piloting process.

The majority of the survey questions included in the final Youth'12 survey are the same as, or very similar to, those used in previous Youth2000 surveys. Changes are noted in the relevant sections of this report, along with details of specific measures or scales used in the nine key areas of the survey.

The full questionnaire, with exact wording of the questions and response options used, can be found on our website:

[www.youthresearch.auckland.ac.nz](http://www.youthresearch.auckland.ac.nz).

## Measurement of height and weight

As well as completing the questionnaire, each student's height and weight was measured. These measurements were taken in private, part way through the survey by trained research staff following standardised protocols.

Students were asked to remove jackets or large jumpers and shoes during measurements. They were weighed on digital scales (Health-o-Meter model 349KLX) and weights were recorded to 0.1 kg. Height was measured with portable stadiometers (Seca model 214) to the nearest 0.1 cm.

At this time, students were asked to provide their address to determine their census meshblock as described in the following geocoding section.

## Geocoding

Each student was asked to allow their address to be entered into a geo-coding programme for the purposes of ascertaining the census meshblock number for their usual place of residence. For students who lived in more than one home we asked them to provide the address of the home where they spend most of their time. When the student's address was entered, their census meshblock (neighbourhood area) was obtained. The meshblock number was recorded on a paper data collection form, and the address was deleted from the programme. As only the meshblock number was recorded, anonymity and confidentiality was assured. The process was carefully explained to students so that they understood that their anonymity was maintained.

The meshblock numbers were matched with the meshblock numbers in a concordance file from the Otago University Wellington School of Medicine social indicators research programme (Salmond, Crampton, Sutton, & Atkinson, 2006). This allowed for each student's data file to include a NZ Deprivation Index decile and score, an urban/rural code and area information such as district health board area.

## Piloting

The survey was pilot tested in early 2012 with approximately 200 students from an Auckland secondary school. This provided information on the time needed to complete the survey, and also tested flow and branching, the ease of use of the internet tablets, and network capabilities. Focus groups of students were conducted following the pilot to assess the acceptability of the survey, comprehension of questions and ease of use of the survey instrument. Based on this information, the survey procedures and questionnaire were refined. Following this, further testing was conducted utilising adult volunteers to ensure that changes in the questionnaire had not compromised the flow and branching.



## Sample size

The Youth2000 Survey Series utilise large sample sizes so that precise estimates can be given for young people overall and for different age, sex, socio-economic and ethnic groups.

## Working with participating schools

Communication with the schools prior to the survey was through the Youth'12 project team at The University of Auckland, via phone or email. The School Liaison Officer conducted a pre-survey visit with the primary contact person at the school, usually about two weeks prior to the survey date itself. At this visit, the survey was explained in detail and the time, date, venue and number of survey sessions was confirmed. The information sheets for both students and family/whānau were also explained and distributed and the 20% randomisation of students who would be invited to participate in the survey was undertaken. The resulting file of selected students was left with the school so that they could arrange for the students to be available for the survey.

Considerable efforts were made to make the survey process as easy and as unobtrusive for schools as possible. In spite of the demands we made of schools and the disruption to routines that conducting the survey caused, schools were overwhelmingly positive in their feedback.

## Where the survey was conducted

Depending on the space available and the number of students, the survey was conducted in a variety of school venues, including school halls and gymnasiums, classrooms, libraries, lecture theatres and school marae.

Using tablets meant that desks were not necessary and it was generally easy to space students out to ensure privacy. The main requirement for the venue was to ensure sufficient space was available to set up screens for privacy while students' physical measurements were taken.

# School and Student Participation

## School participation

There was a total of 493 composite or secondary schools in New Zealand in 2012 with Year 9 students or above. Schools with fewer than 50 students were excluded from the population of eligible schools, as were Kura Kaupapa Māori schools. Of the 397 eligible schools, 125 were randomly selected and invited to participate.

Of these, 91 schools (73%) took part in the survey. Of the 34 invited schools that did not participate, 26 schools declined, a further two schools initially agreed to participate but withdrew during 2012, and six did not respond to the invitation to participate. School participation was lowest for state-integrated schools (59%), boys' schools (40%), decile 6 (50%) and decile 7 (64%) schools, rural schools (60%), and schools in the following regions: Wellington (50%), Nelson Marlborough, Tasman and West Coast (60%) and Otago or Southland (54%).

Table 1 shows the characteristics of the eligible, invited, and participating schools. The characteristics of the eligible and invited schools were similar. However, due to unequally distributed school participation rates, boys only schools were slightly under-represented in the final survey sample.

**Table 1: Characteristics of participating schools in 2012**

| Variable                     | Eligible |         | Invited |         | Participating |         |
|------------------------------|----------|---------|---------|---------|---------------|---------|
| Total                        | 397      |         | 125     |         | 91            |         |
| Authority                    | Number   | Percent | Number  | Percent | Number        | Percent |
| Private: fully registered    | 33       | 8.3     | 12      | 9.6     | 8             | 8.8     |
| State: integrated            | 88       | 22.2    | 27      | 21.6    | 16            | 17.6    |
| State: not integrated        | 276      | 69.5    | 86      | 68.8    | 67            | 73.6    |
| Type of school               | Number   | Percent | Number  | Percent | Number        | Percent |
| Co-educational               | 290      | 73.1    | 90      | 72.0    | 71            | 78.0    |
| Boys' school                 | 46       | 11.6    | 15      | 12.0    | 6             | 6.6     |
| Girls' school                | 61       | 15.4    | 20      | 16.0    | 14            | 15.4    |
| School size <sup>1</sup>     | Number   | Percent | Number  | Percent | Number        | Percent |
| Large (≥350 students)        | 267      | 67.3    | 81      | 64.8    | 57            | 62.6    |
| Small-medium (<350 students) | 130      | 32.8    | 44      | 35.2    | 34            | 37.4    |
| School decile grouping       | Number   | Percent | Number  | Percent | Number        | Percent |
| Low (decile 1-3)             | 107      | 26.9    | 34      | 27.2    | 26            | 28.6    |
| Medium (decile 4-7)          | 166      | 41.8    | 52      | 41.6    | 36            | 39.6    |
| High (decile 8-10)           | 121      | 30.4    | 39      | 31.2    | 29            | 31.9    |
| School decile                | Number   | Percent | Number  | Percent | Number        | Percent |
| Decile 1                     | 22       | 5.5     | 9       | 7.2     | 7             | 7.7     |
| Decile 2                     | 49       | 12.3    | 11      | 8.8     | 8             | 8.8     |
| Decile 3                     | 36       | 9.1     | 14      | 11.2    | 11            | 12.1    |
| Decile 4                     | 36       | 9.1     | 13      | 10.4    | 11            | 12.1    |
| Decile 5                     | 41       | 10.3    | 13      | 10.4    | 10            | 11.0    |
| Decile 6                     | 42       | 10.6    | 12      | 9.6     | 6             | 6.6     |
| Decile 7                     | 47       | 11.8    | 14      | 11.2    | 9             | 9.9     |
| Decile 8                     | 39       | 9.8     | 17      | 13.6    | 12            | 13.2    |
| Decile 9                     | 43       | 10.8    | 9       | 7.2     | 8             | 8.8     |
| Decile 10                    | 39       | 9.8     | 13      | 10.4    | 9             | 9.9     |
| No decile information        | 3        | 0.8     | 0       | 0       | 0             | 0.0     |

Note: 1. Students in Year 9-15

## Student participation

For participating schools with more than 150 students in Year 9 to 13, 20% of these students were randomly selected from the school roll and invited to participate. In the 13 schools with 150 students or fewer in these years, 30 students were randomly selected and invited to participate. This was done to reduce the risk of identification of individual students when reporting results back to these smaller schools. In the national reports, results are adjusted for the likelihood of selection, with data from these smaller schools given less weight to allow for the higher proportion of students selected from them.

In total, 12,503 students from the 91 consenting schools were randomly selected and invited to participate in the survey. Of these, 8,500 (68%) students took part. This represents 3.1% of Year 9-15 students attending an eligible school and 3.0% of all Year 9-15 students in 2012. (Years 14 and 15 are those students who are repeating Years 12 and 13).

Table 2 shows characteristics of students attending eligible and invited schools and of students that participated in the survey.

**Table 2: Characteristics of participating students in 2012**

| Variable                     | Students attending eligible schools |         | Students attending invited schools |         | Surveyed students |         |
|------------------------------|-------------------------------------|---------|------------------------------------|---------|-------------------|---------|
|                              | Number                              | Percent | Number                             | Percent | Number            | Percent |
| <b>Sex</b>                   |                                     |         |                                    |         |                   |         |
| Male                         | 137,250                             | 50.6    | 42,430                             | 49.9    | 3,874             | 45.6    |
| Female                       | 133,961                             | 49.4    | 42,609                             | 50.1    | 4,623             | 54.4    |
| Total                        | 271,211                             | 100.0   | 85,039                             | 100.0   | 8,497             | 100.0   |
| <b>Age</b>                   |                                     |         |                                    |         |                   |         |
| 13 year or younger           | 46,301                              | 17.1    | 14,562                             | 17.1    | 1,838             | 21.7    |
| 14 years                     | 57,712                              | 21.3    | 18,146                             | 21.3    | 1,896             | 22.3    |
| 15 years                     | 57,210                              | 21.1    | 18,126                             | 21.3    | 1,755             | 20.7    |
| 16 years                     | 53,005                              | 19.5    | 16,829                             | 19.8    | 1,578             | 18.6    |
| 17 years or older            | 56,983                              | 21.0    | 17,376                             | 20.4    | 1,422             | 16.8    |
| <b>Year</b>                  |                                     |         |                                    |         |                   |         |
| Year 9                       | 56,514                              | 20.8    | 17,793                             | 20.9    | 2,061             | 24.3    |
| Year 10                      | 58,150                              | 21.4    | 18,102                             | 21.3    | 1,936             | 22.8    |
| Year 11                      | 57,117                              | 21.1    | 18,236                             | 21.4    | 1,727             | 20.4    |
| Year 12                      | 53,173                              | 19.6    | 16,814                             | 19.8    | 1,534             | 18.1    |
| Year 13                      | 44,767                              | 16.5    | 13,673                             | 16.1    | 1,227             | 14.5    |
| Year 14 <sup>1</sup>         | 921                                 | 0.3     | 162                                | 0.2     |                   |         |
| Year 15 <sup>1</sup>         | 569                                 | 0.2     | 259                                | 0.3     |                   |         |
| <b>School decile</b>         |                                     |         |                                    |         |                   |         |
| 1                            | 10,749                              | 4.0     | 4,746                              | 5.6     | 681               | 8.0     |
| 2                            | 16,847                              | 6.2     | 6,788                              | 8.0     | 542               | 6.4     |
| 3                            | 16,739                              | 6.2     | 5,054                              | 5.9     | 570               | 6.7     |
| 4                            | 24,758                              | 9.1     | 7,440                              | 8.7     | 845               | 9.9     |
| 5                            | 28,510                              | 10.5    | 9,651                              | 11.3    | 1,103             | 13.0    |
| 6                            | 34,063                              | 12.6    | 9,686                              | 11.4    | 626               | 7.4     |
| 7                            | 28,246                              | 10.4    | 9,609                              | 11.3    | 722               | 8.5     |
| 8                            | 36,368                              | 13.4    | 14,220                             | 16.7    | 1,536             | 18.1    |
| 9                            | 34,425                              | 12.7    | 9,150                              | 10.8    | 1,137             | 13.4    |
| 10                           | 40,254                              | 14.8    | 8,695                              | 10.2    | 738               | 8.7     |
| <b>Ethnicity<sup>2</sup></b> |                                     |         |                                    |         |                   |         |
| Māori                        | 53,311                              | 19.7    | 16,927                             | 19.9    | 1,701             | 20.1    |
| Pacific                      | 25,656                              | 9.5     | 9,881                              | 11.6    | 1,201             | 14.1    |
| Non-Māori Non-Pacific        | 192,244                             | 70.9    | 58,231                             | 68.5    | 5,586             | 65.8    |

Notes: 1. Year 14 or 15 students are combined into Year 13

2. Ethnicity is prioritised using the NZ Census ethnicity prioritisation method

## Reasons for students not participating

Students who did not participate were generally absent from school, declined to take part, or were unavailable due to other school activities such as school trips or examinations. Due to the difficulty in collecting information on non-attending students, either by the field research team at the time or through the school subsequently, little is known about the characteristics of many of these students.

Students who do not participate in school health surveys generally have worse health and wellbeing than students attending school and participating in surveys (Bovet, Viswanathan, Faeh, & Warren, 2006; Weitzman, Guttmacher, Weinberg, & Kapadia, 2003). This means that the survey is likely to present a somewhat positive picture of the health and wellbeing of young people.

**Table 3: Reasons for students not participating**

| Reason   | Number       | Percent (%)  |
|--|--------------|--------------|
| Parent refusal   | 142          | 3.5          |
| Student refusal  | 811          | 20.3         |
| Student no longer at school  | 78           | 1.9          |
| Student absent from school   | 889          | 22.2         |
| Student unable to participate (e.g. disability, reading ability, language) | 181          | 4.5          |
| Student involved in other school activities                                | 432          | 10.8         |
| No information from school on non-participating student                    | 1,470        | 36.7         |
| <b>Total</b>   | <b>4,003</b> | <b>100.0</b> |

## Time taken by students to complete the survey

The survey was designed to be completed within two class periods or about two hours, including the height and weight measurements and the geo-coding process. The average time taken to complete the survey was 67 minutes.

# How to use the information in this report

This report presents information reported by students who participated in the Youth'12 survey. The Youth2000 surveys are the largest surveys of the health and wellbeing of young people in New Zealand and are of considerable importance for the purposes of planning and programme development for communities, schools and policy makers. However, it is important to remember that only students who were at school on the day of the survey were included. Hence, findings are likely to represent a slightly more positive view of the health of students in schools. Also, as the survey was carried out at a single time point, relationships between variables do not necessarily indicate cause and effect.

These national youth health surveys have been designed to describe health and wellbeing issues for students attending secondary schools in New Zealand. We have randomly selected schools and then randomly selected students attending these schools to participate in the surveys. From the information obtained from these students, we estimate the prevalence of various behaviours, risk factors and other issues in the New Zealand student population.

The level of uncertainty of these estimates is indicated by their confidence intervals of 95%. A confidence interval provides an indication of the precision of the estimated prevalence as an interval in which it is relatively certain that the true prevalence (or New Zealand student population prevalence) sits. The wider the confidence interval, the more uncertain the estimate. Note that we have adjusted all confidence intervals in this report for the clustering of students within schools, reflecting evidence that students from the same school are more alike than those from different schools (Murray, 1998).

Unless otherwise stated, the number of students who answered a particular question is expressed as the denominator in the tables. For questions only asked of a subset of students following a filter question, the denominator is either only those who answered or all students if more appropriate. This will be noted in the table.

Information is broken down by sex, age, deprivation grouping and urban/rural location

of the student's home in order to indicate health and wellbeing issues for these groupings of students. The purpose of this is to inform schools, communities and families about particular issues and to assist in targeting resource allocation. It is important, however, to avoid placing too much emphasis on apparent differences between groups, especially when the numbers of students reporting on certain issues are small. One useful guide is to compare the confidence intervals. If the confidence intervals of two estimates overlap, differences are unlikely to be meaningful.

Tables in this report present results according to sex, age, New Zealand 2006 Deprivation Index (NZDep2006) grouping and an urban/rural classification. Where there are very few students responding to a specific question, results are presented as totals or by sex only.

## Statistical terms and reading tables in this report

In the tables 'N' refers to the number of students who answered the particular question. The N varies as students could choose not to answer questions and also students were not asked detailed questions which did not apply to them. For example students who did not drink alcohol were not asked questions about where they get alcohol from.

The 'n' refers to the number of students who chose the particular response of interest. For example, in the question regarding a students' intention to stay at school until Year 13', the number of students that answered this question was 8,457 (N) and 7,379 students (n) responded that they did intend to stay at school until Year 13.

The percentage (%) refers to the proportion of the students who reported the particular response or behaviour. This can be regarded as an estimate of the true proportion of the population of all students. The confidence interval (CI) indicates the precision of this estimate by providing an interval in which we are relatively sure the true value lies.

The percentages and confidence intervals are adjusted for the weighting and clustering in the complex sampling design.

# Comparisons between 2001, 2007 and 2012 surveys

Results for key health indicators in 2001, 2007 and 2012 are included in tables at the end of each section in this report. When interpreting differences, it is important to consider the issues raised in the preceding section on interpreting the results, as well as differences in the questionnaires themselves, in response rates and in the student populations who participated.

To enable results from the 2001, 2007 and 2012 surveys to be compared, the Youth'12 survey followed a similar methodology to the earlier surveys in the sampling of schools and students, the use of technology to enhance accuracy of reporting and identical or similar questions and response options.

The response rate among schools and students was lower in 2012 than in 2007 and 2001. In 2012, 73% of invited schools took part, compared to 84% in 2007 and 86% in 2001. Sixty-eight percent of invited students took part in 2012, compared to 74% in 2007 and 75% in 2001. Overall, 3.0% of the total secondary school population took part in 2012, compared to 3.4% in 2007 and 4.0% in 2001.

The poorer response rates in 2012 mostly reflect the significant school resistance to participation in research. Schools reported overwhelming requests from researchers to utilise schools for their research, the increasing demands by the Ministry of Education to focus on their 'core education function' and 'being too busy'. This was also reflected in increasing resistance by teaching staff to release students from class if they were selected. Future studies within the school environment should ensure that schools and students are not overburdened with research and that researchers collaborate to gather information on this population.

Table 4 compares the population characteristics of students who participated in 2012, 2007 and 2001. The samples were similar by age and year of schooling, but there were differences with respect to the ratios of male and female students. There were more female students than male students in 2012 and 2001 (54% vs. 46%) whereas in 2007 there were more male students compared to female students (54% vs. 46%). This is due to differences in the number of single sex schools participating. Tables comparing results across survey waves are presented for the total sample and by sex.

**Table 4: Students participating in the Youth2000 Survey Series by year**

|                       |              | 2001 students |         | 2007 students |         | 2012 students |         |
|-----------------------|--------------|---------------|---------|---------------|---------|---------------|---------|
|                       |              | Number        | Percent | Number        | Percent | Number        | Percent |
| <b>Total</b>          |              | 9,567         | 100.0   | 9,107         | 100.0   | 8,500         | 100.0   |
| <b>By sex</b>         | Male         | 4,414         | 46.1    | 4,911         | 54.0    | 3,874         | 45.6    |
|                       | Female       | 5,152         | 53.9    | 4,187         | 46.0    | 4,623         | 54.4    |
| <b>By age</b>         | 13 and under | 2,050         | 21.5    | 1,860         | 20.5    | 1,838         | 21.7    |
|                       | 14           | 2,285         | 23.9    | 2,101         | 23.1    | 1,896         | 22.3    |
|                       | 15           | 2,178         | 22.8    | 1,973         | 21.7    | 1,755         | 20.7    |
|                       | 16           | 1,725         | 18.1    | 1,743         | 19.2    | 1,578         | 18.6    |
|                       | 17 and over  | 1,308         | 13.7    | 1,415         | 15.6    | 1,422         | 16.8    |
| <b>By school year</b> | Year 9       | 2,457         | 26.1    | 2,176         | 24.3    | 2,061         | 24.3    |
|                       | Year 10      | 2,233         | 23.7    | 2,090         | 23.4    | 1,936         | 22.8    |
|                       | Year 11      | 2,156         | 22.9    | 1,933         | 21.6    | 1,727         | 20.4    |
|                       | Year 12      | 1,580         | 16.8    | 1,669         | 18.7    | 1,534         | 18.1    |
|                       | Year 13      | 978           | 10.4    | 1,077         | 12.0    | 1,227         | 14.5    |
| <b>School decile</b>  | 1            | 414           | 4.3     | 342           | 3.8     | 681           | 8.0     |
|                       | 2            | 546           | 5.7     | 288           | 3.2     | 542           | 6.4     |
|                       | 3            | 507           | 5.3     | 668           | 7.3     | 570           | 6.7     |
|                       | 4            | 987           | 10.3    | 1086          | 11.9    | 845           | 9.9     |
|                       | 5            | 1359          | 14.2    | 1094          | 12.0    | 1103          | 13.0    |
|                       | 6            | 1008          | 10.5    | 1364          | 15.0    | 626           | 7.4     |
|                       | 7            | 1192          | 12.5    | 831           | 9.1     | 722           | 8.5     |
|                       | 8            | 1275          | 13.3    | 517           | 5.7     | 1536          | 18.1    |
|                       | 9            | 1061          | 11.1    | 942           | 10.3    | 1137          | 13.4    |
|                       | 10           | 1218          | 12.7    | 1975          | 21.7    | 738           | 8.7     |

## Demographics

Students reported their age and sex at the beginning of the questionnaire. Their NZ Deprivation Index and their urban/rural classification were derived from geo-coding of the address of their usual place of residence.

## NZ Deprivation Index

NZDep2006 Index is an updated version of earlier indexes of socioeconomic deprivation and combines nine variables from the 2006 census which reflect dimensions of deprivation (see Table 5 below) (Salmond, Crampton, & Atkinson, 2007; Salmond et al., 2006). The NZDep2006 Index uses a scale from 1 to 10 which divides the distribution of the NZDep2006 score for the total New Zealand population into equal tenths. A decile of 1 represents areas with the least deprived scores and 10 represents areas with the most deprived scores. For the purposes of this report, students are grouped into three decile bands, indicating low (1 – 3), medium (4 – 7) and high (8 – 10) levels of deprivation.

It should be noted that NZDep2006 deprivation scores apply to areas rather than individual people.

**Table 5: Variables included in the construction of NZDep2006 Deprivation Index**

| Dimension of deprivation | Variable of description (in order of decreasing weight)                       |
|--------------------------|---|
| <b>Income</b>            | People aged 18-64 receiving a means tested benefit                            |
|                          | People living in equivalised households with income below an income threshold |
| <b>Owned home</b>        | People not living in own home   |
| <b>Support</b>           | People aged <65 living in a single parent family                              |
| <b>Employment</b>        | People aged 18-64 unemployed  |
| <b>Qualifications</b>    | People aged 18-64 without any qualifications                                  |
| <b>Living space</b>      | People living in equivalised households below a bedroom occupancy threshold   |
| <b>Communication</b>     | People with no access to a telephone  |
| <b>Transport</b>         | People with no access to a car  |

Note: Equivalisation: methods used to control for household composition. Source: Salmond et al., 2007.



## Urban/Rural Classification

### Urban areas

These are statistically defined areas with no administrative or legal basis and are divided into main, secondary and minor urban areas. The urban area classification is intended to identify concentrated urban or semi-urban settlements, while avoiding the distortions of administrative boundaries (Statistics New Zealand\*).

**Main urban areas:** Main urban areas have a minimum population of 30,000 and are very large urban areas centred on a city or major urban centre.

**Secondary urban areas:** Established at the 1981 Census of Population and Dwellings, secondary urban areas have a population between 10,000 and 29,999 and are centred on the larger regional centres.

**Minor urban areas:** Minor urban areas have a population between 1,000 and 9,999 and are urbanised settlements (outside main and secondary urban areas), centred around smaller towns.

### Rural areas

Rural areas have a population between 300 and 999. They have no administrative or legal status, but are statistical units defined by complete area units. Rural areas were established during the 1989 Review of Geostatistical Boundaries.

**Table 6: Distribution of students by NZ Deprivation Index decile**

| NZ deprivation decile | Number       | Percent      | Deprivation groupings              | Number in group | Percent in group |
|-----------------------|--------------|--------------|------------------------------------|-----------------|------------------|
| 1                     | 954          | 11.2         | Low deprivation (deciles 1 – 3)    | 2,718           | 32.0             |
| 2                     | 897          | 10.6         |                                    |                 |                  |
| 3                     | 867          | 10.2         |                                    |                 |                  |
| 4                     | 834          | 9.8          | Medium deprivation (deciles 4 – 7) | 3,001           | 35.3             |
| 5                     | 734          | 8.6          |                                    |                 |                  |
| 6                     | 745          | 8.8          |                                    |                 |                  |
| 7                     | 688          | 8.1          |                                    |                 |                  |
| 8                     | 770          | 9.1          | High deprivation (deciles 8 – 10)  | 2,674           | 31.5             |
| 9                     | 881          | 10.4         |                                    |                 |                  |
| 10                    | 1,023        | 12.0         |                                    |                 |                  |
| Unknown               | 107          | 1.3          | Missing                            | 107             | 1.3              |
| <b>Total</b>          | <b>8,500</b> | <b>100.0</b> | <b>Total</b>                       | <b>8,500</b>    | <b>100.0</b>     |

**Table 7: Distribution of students by urban/rural classification**

| Urban/rural description                  | Number       | Percent      | Grouping     | Number in group | Percent in group |
|--|--------------|--------------|--------------|-----------------|------------------|
| Main urban area                          | 6,187        | 72.8         | Urban        | 7,121           | 83.8             |
| Secondary urban area                     | 415          | 4.9          |              |                 |                  |
| Minor urban area                         | 519          | 6.1          |              |                 |                  |
| Rural centre                             | 139          | 1.6          | Rural        | 1,272           | 15.0             |
| Other rural                              | 1,077        | 12.7         |              |                 |                  |
| Other (inland water, inlet, and oceanic) | 56           | 0.7          |              |                 |                  |
| Unknown                                  | 107          | 1.3          | Unknown      | 107             | 1.3              |
| <b>Total</b>                             | <b>8,500</b> | <b>100.0</b> | <b>Total</b> | <b>8,500</b>    | <b>100.0</b>     |

\* Statistics New Zealand. Geographic definitions.



# Youth'12 Results

## Distribution of students by sex

|                     |             | Male  |       | Female |       | Total |       |
|---------------------|-------------|-------|-------|--------|-------|-------|-------|
|                     |             | n     | %     | n      | %     | n     | %     |
| <b>Total</b>        |             | 3,874 | 45.6  | 4,623  | 54.4  | 8,500 | 100.0 |
| <b>By age</b>       | 13 or less  | 843   | 21.8  | 995    | 21.5  | 1,838 | 21.7  |
|                     | 14          | 910   | 23.5  | 985    | 21.3  | 1,896 | 22.3  |
|                     | 15          | 783   | 20.2  | 972    | 21.0  | 1,755 | 20.7  |
|                     | 16          | 724   | 18.7  | 854    | 18.5  | 1,578 | 18.6  |
|                     | 17 or older | 609   | 15.7  | 812    | 17.6  | 1,422 | 16.8  |
|                     | Total       | 3,869 | 100.0 | 4,618  | 100.0 | 8,489 | 100.0 |
| <b>By NZDep2006</b> | Low         | 1,183 | 31.0  | 1,534  | 33.5  | 2,718 | 32.4  |
|                     | Medium      | 1,406 | 36.9  | 1,594  | 34.8  | 3,001 | 35.8  |
|                     | High        | 1,225 | 32.1  | 1,448  | 31.6  | 2,674 | 31.9  |
|                     | Total       | 3,814 | 100.0 | 4,576  | 100.0 | 8,393 | 100.0 |
| <b>By geography</b> | Urban       | 3,213 | 84.2  | 3,905  | 85.3  | 7,121 | 84.8  |
|                     | Rural       | 601   | 15.8  | 671    | 14.7  | 1,272 | 15.2  |
|                     | Total       | 3,814 | 100.0 | 4,576  | 100.0 | 8,393 | 100.0 |

## Distribution of students by NZ Deprivation Index decile and age

|               |             | Low Deprivation |       | Medium Deprivation |       | High Deprivation |       |
|---------------|-------------|-----------------|-------|--------------------|-------|------------------|-------|
|               |             | n               | %     | n                  | %     | n                | %     |
| <b>Total</b>  |             | 2,716           | 100.0 | 2,995              | 100.0 | 2,671            | 100.0 |
| <b>By age</b> | 13 or less  | 544             | 20.0  | 643                | 21.5  | 627              | 23.5  |
|               | 14          | 593             | 21.8  | 668                | 22.3  | 612              | 22.9  |
|               | 15          | 554             | 20.4  | 611                | 20.4  | 575              | 21.5  |
|               | 16          | 537             | 19.8  | 558                | 18.6  | 462              | 17.3  |
|               | 17 or older | 488             | 18.0  | 515                | 17.2  | 395              | 14.8  |

## Distribution of students by geography<sup>1</sup>

|                     |             | Main urban area |       | Secondary urban area |       | Minor urban area |       | Total Urban |       | Rural |       |
|---------------------|-------------|-----------------|-------|----------------------|-------|------------------|-------|-------------|-------|-------|-------|
|                     |             | n               | %     | n                    | %     | n                | %     | n           | %     | n     | %     |
| <b>Total</b>        |             | 6,187           | 73.7  | 415                  | 4.9   | 519              | 6.2   | 7,121       | 84.8  | 1,272 | 15.2  |
| <b>By sex</b>       | Male        | 2,842           | 45.9  | 135                  | 32.7  | 236              | 45.5  | 3,213       | 45.1  | 601   | 47.2  |
|                     | Female      | 3,344           | 54.1  | 278                  | 67.3  | 283              | 54.5  | 3,905       | 54.9  | 671   | 52.8  |
|                     | Total       | 6,186           | 100.0 | 413                  | 100.0 | 519              | 100.0 | 7,118       | 100.0 | 1,272 | 100.0 |
| <b>By age</b>       | 13 or less  | 1,370           | 22.2  | 84                   | 20.4  | 101              | 19.5  | 1,555       | 21.9  | 259   | 20.4  |
|                     | 14          | 1,341           | 21.7  | 89                   | 21.6  | 137              | 26.5  | 1,567       | 22.0  | 306   | 24.1  |
|                     | 15          | 1,283           | 20.8  | 89                   | 21.6  | 99               | 19.1  | 1,471       | 20.7  | 269   | 21.1  |
|                     | 16          | 1,168           | 18.9  | 77                   | 18.7  | 78               | 15.1  | 1,323       | 18.6  | 234   | 18.4  |
|                     | 17 or older | 1,019           | 16.5  | 73                   | 17.7  | 102              | 19.7  | 1,194       | 16.8  | 204   | 16.0  |
| Total               | 6,181       | 100.0           | 412   | 100.0                | 517   | 100.0            | 7,110 | 100.0       | 1,272 | 100.0 |       |
| <b>By NZDep2006</b> | Low         | 2,001           | 32.3  | 124                  | 29.9  | 59               | 11.4  | 2,184       | 30.7  | 534   | 42.0  |
|                     | Medium      | 2,073           | 33.5  | 160                  | 38.6  | 200              | 38.5  | 2,433       | 34.2  | 568   | 44.7  |
|                     | High        | 2,113           | 34.2  | 131                  | 31.6  | 260              | 50.1  | 2,504       | 35.2  | 170   | 13.4  |
|                     | Total       | 6,187           | 100.0 | 415                  | 100.0 | 519              | 100.0 | 7,121       | 100.0 | 1,272 | 100.0 |

1. Note: Statistics New Zealand classifications are used. Rural includes rural centres and other rural areas.

# Culture and Ethnicity

This section reports on students' culture and ethnicity. Students were first asked a question based on the New Zealand census standard 2001/2006 ethnicity question: 'Which ethnic group do you belong to?' They were able to choose more than one response from a list of 23 categories used in the statistical standard for ethnicity (Statistics New Zealand, 2005). Students who had selected more than one ethnic group were also asked 'Which is your main ethnic group (the one you identify with the most)?' and were able to select from the same list of response options with an additional response item: 'I can't choose only one ethnic group'.

Students were then asked more detailed questions about the ethnic group(s) to which they belonged. Students who identified with more than two ethnicities (13%) were only asked questions relating to their main ethnic group and their prioritised ethnic group,<sup>1</sup> if this was different. No student was asked questions relating to more than two ethnic groupings, in order to keep the survey length manageable.

For the purposes of comparing ethnic groups, we have utilised the NZ ethnic prioritisation method (Lang, 2002). Total ethnic group demonstrates multiple ethnic groups identified by students.

## Ethnicity

### Ethnicity of Youth'12 sample (prioritised)

|                     |             | European |       | Māori |       | Pacific Island |       | Asian |       | Other Ethnic Groups |       |
|---------------------|-------------|----------|-------|-------|-------|----------------|-------|-------|-------|---------------------|-------|
|                     |             | n        | %     | n     | %     | n              | %     | n     | %     | n                   | %     |
| <b>Total</b>        |             | 4024     | 47.4  | 1701  | 20.0  | 1201           | 14.1  | 1051  | 12.4  | 511                 | 6.0   |
| <b>By gender</b>    | Male        | 1791     | 44.5  | 801   | 47.1  | 521            | 43.4  | 522   | 49.7  | 230                 | 45.0  |
|                     | Female      | 2232     | 55.5  | 898   | 52.9  | 680            | 56.6  | 529   | 50.3  | 281                 | 55.0  |
|                     | Total       | 4023     | 100.0 | 1699  | 100.0 | 1201           | 100.0 | 1051  | 100.0 | 511                 | 100.0 |
| <b>By age</b>       | 13 or less  | 840      | 20.9  | 413   | 24.3  | 271            | 22.6  | 196   | 18.7  | 115                 | 22.5  |
|                     | 14          | 881      | 21.9  | 435   | 25.6  | 270            | 22.5  | 179   | 17.1  | 128                 | 25.0  |
|                     | 15          | 821      | 20.4  | 354   | 20.8  | 262            | 21.8  | 206   | 19.6  | 108                 | 21.1  |
|                     | 16          | 778      | 19.4  | 278   | 16.4  | 218            | 18.2  | 231   | 22.0  | 72                  | 14.1  |
|                     | 17 or older | 699      | 17.4  | 218   | 12.8  | 179            | 14.9  | 237   | 22.6  | 88                  | 17.2  |
|                     | Total       | 4019     | 100.0 | 1698  | 100.0 | 1200           | 100.0 | 1049  | 100.0 | 511                 | 100.0 |
| <b>By NZDep</b>     | Low         | 1798     | 45.2  | 331   | 19.7  | 91             | 7.7   | 328   | 31.8  | 166                 | 32.7  |
|                     | Medium      | 1579     | 39.7  | 573   | 34.1  | 225            | 19.0  | 421   | 40.8  | 199                 | 39.3  |
|                     | High        | 600      | 15.1  | 777   | 46.2  | 870            | 73.4  | 284   | 27.5  | 142                 | 28.0  |
|                     | Total       | 3977     | 100.0 | 1681  | 100.0 | 1186           | 100.0 | 1033  | 100.0 | 507                 | 100.0 |
| <b>By geography</b> | Urban       | 3136     | 78.9  | 1378  | 82.0  | 1159           | 97.7  | 995   | 96.3  | 447                 | 88.2  |
|                     | Rural       | 841      | 21.1  | 303   | 18.0  | 27             | 2.3   | 38    | 3.7   | 60                  | 11.8  |
|                     | Total       | 3977     | 100.0 | 1681  | 100.0 | 1186           | 100.0 | 1033  | 100.0 | 507                 | 100.0 |

<sup>1</sup> Single level one prioritised ethnicity for each student, which is based on the prioritisation system developed by Statistics NZ using the following hierarchy: Māori > Pacific > Asian > Other > European. Statistics New Zealand. *Statistical standard for ethnicity 2005*.

## Ethnicity - major ethnic groupings<sup>1</sup> (total ethnic reporting<sup>2</sup>)

|                     |             | European |       | Māori |       | Pacific Island |       | Asian |       | MELAA <sup>3</sup> |       | Other |       |
|---------------------|-------------|----------|-------|-------|-------|----------------|-------|-------|-------|--------------------|-------|-------|-------|
|                     |             | n        | %     | n     | %     | n              | %     | n     | %     | n                  | %     | n     | %     |
| <b>Total</b>        |             | 6,250    | 73.6  | 1,701 | 20.0  | 1,445          | 17.0  | 1,293 | 15.2  | 260                | 3.1   | 620   | 7.3   |
| <b>By sex</b>       | Male        | 2,822    | 45.2  | 801   | 47.2  | 627            | 43.4  | 622   | 48.1  | 138                | 53.1  | 267   | 43.1  |
|                     | Female      | 3,427    | 54.8  | 898   | 52.9  | 818            | 56.6  | 670   | 51.9  | 122                | 46.9  | 353   | 56.9  |
|                     | Total       | 6,249    | 100.0 | 1,699 | 100.0 | 1,445          | 100.0 | 1,292 | 100.0 | 260                | 100.0 | 620   | 100.0 |
| <b>By age</b>       | 13 or less  | 1,377    | 22.1  | 413   | 24.3  | 337            | 23.3  | 242   | 18.8  | 42                 | 16.2  | 158   | 25.5  |
|                     | 14          | 1,428    | 22.9  | 435   | 25.6  | 333            | 23.1  | 239   | 18.5  | 55                 | 21.2  | 172   | 27.7  |
|                     | 15          | 1,279    | 20.5  | 354   | 20.9  | 318            | 22.0  | 265   | 20.5  | 62                 | 23.9  | 116   | 18.7  |
|                     | 16          | 1,148    | 18.4  | 278   | 16.4  | 253            | 17.5  | 271   | 21.0  | 51                 | 19.6  | 94    | 15.2  |
|                     | 17 or older | 1,010    | 16.2  | 218   | 12.8  | 203            | 14.1  | 274   | 21.2  | 50                 | 19.2  | 80    | 12.9  |
|                     | Total       | 6,242    | 100.0 | 1,698 | 100.0 | 1,444          | 100.0 | 1,291 | 100.0 | 260                | 100.0 | 620   | 100.0 |
| <b>By NZDep2006</b> | Low         | 2,345    | 38.0  | 331   | 19.7  | 129            | 9.0   | 371   | 29.2  | 76                 | 29.3  | 166   | 27.2  |
|                     | Medium      | 2,372    | 38.4  | 573   | 34.1  | 287            | 20.1  | 489   | 38.5  | 103                | 39.8  | 203   | 33.2  |
|                     | High        | 1,458    | 23.6  | 777   | 46.2  | 1,011          | 70.9  | 411   | 32.3  | 80                 | 30.9  | 242   | 39.6  |
|                     | Total       | 6,175    | 100.0 | 1,681 | 100.0 | 1,427          | 100.0 | 1,271 | 100.0 | 259                | 100.0 | 611   | 100.0 |
| <b>By geography</b> | Urban       | 5,015    | 81.2  | 1,378 | 82.0  | 1,370          | 96.0  | 1,220 | 96.0  | 240                | 92.7  | 517   | 84.6  |
|                     | Rural       | 1,160    | 18.8  | 303   | 18.0  | 57             | 4.0   | 51    | 4.0   | 19                 | 7.3   | 94    | 15.4  |
|                     | Total       | 6,175    | 100.0 | 1,681 | 100.0 | 1,427          | 100.0 | 1,271 | 100.0 | 259                | 100.0 | 611   | 100.0 |

### Notes:

1. Students' ethnicity responses were aggregated to Statistics New Zealand six major ethnic groups. Students are counted in each of the six aggregated ethnic groups that are applicable to them. Consequently, students who identify with more than one ethnic grouping are included in two or more of the six ethnic groups and it is inappropriate to compare these ethnic-specific proportions as mutually exclusive categories.
2. Students could choose more than one response option
3. MELAA: Middle Eastern, Latin American, African.

## Ethnicity - number of ethnic groups reported

| Number of ethnic groups | n            | %            |
|-------------------------|--------------|--------------|
| 1                       | 4,948        | 58.3         |
| 2                       | 2,416        | 28.5         |
| 3                       | 764          | 9.0          |
| 4 or more               | 360          | 4.2          |
| <b>Total</b>            | <b>8,488</b> | <b>100.0</b> |

## Ethnicity - expanded groups

| Response options      | Total response <sup>1</sup> |      |
|-----------------------|-----------------------------|------|
|                       | n                           | %    |
| New Zealand European  | 5,558                       | 65.5 |
| English               | 1,408                       | 16.6 |
| Australian            | 269                         | 3.2  |
| Dutch                 | 251                         | 3.0  |
| Other European        | 431                         | 5.1  |
| Māori                 | 1,701                       | 20.0 |
| Samoan                | 698                         | 8.2  |
| Cook Island Māori     | 296                         | 3.5  |
| Tongan                | 372                         | 4.4  |
| Niuean                | 120                         | 1.4  |
| Tokelauan             | 53                          | 0.6  |
| Fijian                | 196                         | 2.3  |
| Other Pacific Peoples | 86                          | 1.0  |
| Filipino              | 147                         | 1.7  |
| Chinese               | 463                         | 5.5  |
| Indian                | 366                         | 4.3  |
| Japanese              | 95                          | 1.1  |
| Korean                | 161                         | 1.9  |
| Cambodian             | 31                          | 0.4  |
| Other Asian           | 163                         | 1.9  |
| Middle Eastern        | 72                          | 0.9  |
| Latin American        | 54                          | 0.6  |
| African               | 146                         | 1.7  |
| Other                 | 620                         | 7.3  |

### Notes:

1. Total Response: students could select more than one response option, so total will add to greater than 100%. 'I can't choose only one' was not offered as a response option.

## Country or area of birth

| Where were you<br>(your parents) born | Student      |              | Mother       |              | Father       |              |
|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                       | Number       | Percent      | Number       | Percent      | Number       | Percent      |
| New Zealand                           | 6,618        | 78.0         | 5,389        | 63.5         | 5,255        | 62.1         |
| Australia                             | 164          | 1.9          | 113          | 1.3          | 119          | 1.4          |
| Samoa                                 | 151          | 1.8          | 406          | 4.8          | 441          | 5.2          |
| Cook Islands                          | 31           | 0.4          | 98           | 1.2          | 105          | 1.2          |
| Fiji                                  | 112          | 1.3          | 172          | 2.0          | 183          | 2.2          |
| Tonga                                 | 61           | 0.7          | 237          | 2.8          | 255          | 3.0          |
| United Kingdom                        | 211          | 2.5          | 370          | 4.4          | 411          | 4.9          |
| Niue                                  | 7            | 0.1          | 23           | 0.3          | 26           | 0.3          |
| China (People's Republic of)          | 133          | 1.6          | 239          | 2.8          | 235          | 2.8          |
| South Africa                          | 107          | 1.3          | 115          | 1.4          | 113          | 1.3          |
| Korea                                 | 113          | 1.3          | 138          | 1.6          | 135          | 1.6          |
| Taiwan                                | 17           | 0.2          | 29           | 0.3          | 26           | 0.3          |
| Hong Kong                             | 20           | 0.2          | 29           | 0.3          | 26           | 0.3          |
| India                                 | 99           | 1.2          | 149          | 1.8          | 162          | 1.9          |
| Sri Lanka                             | 19           | 0.2          | 24           | 0.3          | 24           | 0.3          |
| Malaysia                              | 24           | 0.3          | 52           | 0.6          | 44           | 0.5          |
| Indonesia                             | 7            | 0.1          | 13           | 0.2          | 6            | 0.1          |
| Japan                                 | 36           | 0.4          | 57           | 0.7          | 40           | 0.5          |
| Europe                                | 111          | 1.3          | 180          | 2.1          | 194          | 2.3          |
| Middle East                           | 35           | 0.4          | 40           | 0.5          | 48           | 0.6          |
| North America                         | 44           | 0.5          | 50           | 0.6          | 59           | 0.7          |
| South America                         | 16           | 0.2          | 26           | 0.3          | 26           | 0.3          |
| Africa                                | 64           | 0.8          | 76           | 0.9          | 85           | 1.0          |
| Another country                       | 290          | 3.4          | 457          | 5.4          | 440          | 5.2          |
| <b>Total</b>                          | <b>8,490</b> | <b>100.0</b> | <b>8,482</b> | <b>100.0</b> | <b>8,458</b> | <b>100.0</b> |

# Culture

Māori students (table 1 of 2)

|                      |             | Very proud of being Māori |                     | Important or very important to be recognised as Māori |                     | Satisfied or very satisfied with their knowledge of things Māori |                     |
|----------------------|-------------|---------------------------|---------------------|---|---------------------|--|---------------------|
|                      |             | n (N)                     | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>         |             | 1,233<br>(1,716)          | 71.5<br>68.5 - 74.6 | 999<br>(1,716)  | 58.0<br>54.4 - 61.6 | 778<br>(1,713)   | 45.2<br>42.1 - 48.3 |
| <b>By sex</b>        | Male        | 572<br>(813)              | 69.9<br>65.5 - 74.2 | 462<br>(815)  | 56.3<br>52.1 - 60.6 | 371<br>(812)   | 45.6<br>42.0 - 49.2 |
|                      | Female      | 659<br>(901)              | 73.0<br>69.5 - 76.4 | 535<br>(899)  | 59.4<br>54.9 - 63.9 | 405<br>(899)   | 44.7<br>40.3 - 49.2 |
| <b>By age</b>        | 13 or less  | 323<br>(416)              | 77.3<br>73.2 - 81.4 | 254<br>(418)  | 60.5<br>55.7 - 65.3 | 223<br>(416)   | 53.6<br>47.9 - 59.3 |
|                      | 14          | 318<br>(437)              | 72.6<br>68.6 - 76.7 | 270<br>(436)  | 61.7<br>56.3 - 67.2 | 207<br>(437)   | 47.5<br>42.0 - 53.0 |
|                      | 15          | 253<br>(359)              | 70.1<br>65.5 - 74.7 | 206<br>(359)  | 57.0<br>51.3 - 62.7 | 153<br>(358)   | 42.4<br>36.7 - 48.2 |
|                      | 16          | 205<br>(283)              | 72.2<br>66.1 - 78.4 | 161<br>(283)  | 57.2<br>50.6 - 63.8 | 125<br>(281)   | 44.0<br>37.6 - 50.3 |
|                      | 17 or older | 132<br>(218)              | 59.7<br>52.2 - 67.3 | 107<br>(217)  | 48.7<br>40.7 - 56.6 | 69<br>(218)  | 31.0<br>24.5 - 37.5 |
| <b>By NZDep 2006</b> | Low         | 199<br>(332)              | 59.3<br>53.0 - 65.5 | 145<br>(330)  | 43.6<br>37.8 - 49.4 | 112<br>(332)   | 33.5<br>28.9 - 38.2 |
|                      | Medium      | 383<br>(580)              | 66.1<br>61.8 - 70.4 | 305<br>(580)  | 52.6<br>47.5 - 57.7 | 225<br>(580)   | 38.9<br>34.8 - 42.9 |
|                      | High        | 633<br>(784)              | 80.4<br>76.7 - 84.1 | 535<br>(786)  | 67.8<br>64.3 - 71.4 | 428<br>(781)   | 54.6<br>50.9 - 58.3 |
| <b>By geography</b>  | Urban       | 998<br>(1,386)            | 71.7<br>68.2 - 75.3 | 816<br>(1,388)  | 58.6<br>54.7 - 62.5 | 623<br>(1,385)   | 44.9<br>41.6 - 48.3 |
|                      | Rural       | 217<br>(310)              | 69.4<br>64.2 - 74.6 | 169<br>(308)  | 54.4<br>48.0 - 60.8 | 142<br>(308)   | 45.2<br>38.9 - 51.6 |

Continued...



## Māori students (table 2 of 2)

|                      |             | Can speak Māori fairly well, well, or very well |                     | Can understand spoken Māori fairly well, well, or very well |                     | Māori students know their iwi |                     | Māori students have learnt about Māori culture |                     |
|----------------------|-------------|---|---------------------|---|---------------------|-------------------------------|---------------------|--|---------------------|
|                      |             | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)                         | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>         |             | 538<br>(1,720)                                  | 31.1<br>28.5 - 33.7 | 800<br>(1,721)  | 46.2<br>43.4 - 49.0 | 1,322<br>(1,722)              | 76.7<br>74.6 - 78.9 | 1,532<br>(1,721)                               | 89.0<br>87.3 - 90.8 |
| <b>By sex</b>        | Male        | 245<br>(816)                                    | 29.8<br>26.5 - 33.1 | 371<br>(815)  | 45.2<br>41.5 - 48.9 | 613<br>(816)                  | 75.1<br>71.8 - 78.5 | 702<br>(815)                                   | 86.2<br>83.5 - 89.0 |
|                      | Female      | 292<br>(902)                                    | 32.2<br>28.1 - 36.3 | 427<br>(904)  | 47.0<br>42.7 - 51.2 | 707<br>(904)                  | 78.1<br>75.2 - 81.1 | 828<br>(904)                                   | 91.5<br>89.2 - 93.9 |
| <b>By age</b>        | 13 or less  | 161<br>(420)                                    | 38.3<br>34.0 - 42.5 | 212<br>(420)  | 50.3<br>45.6 - 54.9 | 311<br>(420)                  | 74.0<br>69.8 - 78.3 | 382<br>(420)                                   | 91.1<br>88.4 - 93.9 |
|                      | 14          | 148<br>(436)                                    | 33.8<br>28.7 - 39.0 | 242<br>(437)  | 55.2<br>50.7 - 59.7 | 323<br>(437)                  | 73.9<br>70.0 - 77.9 | 393<br>(437)                                   | 90.0<br>87.5 - 92.5 |
|                      | 15          | 114<br>(359)                                    | 31.6<br>26.5 - 36.6 | 159<br>(360)  | 43.9<br>38.5 - 49.3 | 281<br>(360)                  | 78.0<br>73.1 - 82.8 | 312<br>(359)                                   | 86.8<br>83.0 - 90.7 |
|                      | 16          | 68<br>(283)                                     | 23.8<br>18.8 - 28.8 | 112<br>(283)  | 39.3<br>34.0 - 44.6 | 226<br>(283)                  | 79.9<br>74.8 - 85.0 | 256<br>(283)                                   | 90.3<br>87.0 - 93.7 |
|                      | 17 or older | 47<br>(219)                                     | 20.9<br>14.9 - 26.8 | 74<br>(218)   | 33.3<br>25.7 - 40.9 | 179<br>(219)                  | 81.4<br>76.1 - 86.6 | 186<br>(219)                                   | 84.7<br>79.4 - 90.0 |
| <b>By NZDep 2006</b> | Low         | 71<br>(332)                                     | 21.2<br>17.1 - 25.4 | 117<br>(333)  | 34.9<br>29.8 - 39.9 | 238<br>(333)                  | 71.7<br>66.3 - 77.1 | 280<br>(333)                                   | 84.2<br>80.9 - 87.4 |
|                      | Medium      | 156<br>(582)                                    | 26.8<br>22.9 - 30.6 | 235<br>(582)  | 40.3<br>36.7 - 43.8 | 441<br>(582)                  | 75.8<br>72.3 - 79.2 | 503<br>(581)                                   | 86.6<br>83.6 - 89.7 |
|                      | High        | 306<br>(786)                                    | 38.8<br>35.1 - 42.6 | 437<br>(786)  | 55.4<br>51.5 - 59.3 | 628<br>(787)                  | 79.7<br>76.7 - 82.6 | 729<br>(787)                                   | 92.6<br>90.9 - 94.3 |
| <b>By geography</b>  | Urban       | 431<br>(1,391)                                  | 30.9<br>27.9 - 33.9 | 641<br>(1,391)  | 45.9<br>42.8 - 49.1 | 1,066<br>(1,392)              | 76.5<br>74.2 - 78.8 | 1,230<br>(1,391)                               | 88.4<br>86.4 - 90.4 |
|                      | Rural       | 102<br>(309)                                    | 32.6<br>27.6 - 37.6 | 148<br>(310)  | 46.9<br>40.4 - 53.4 | 241<br>(310)                  | 77.9<br>72.8 - 82.9 | 282<br>(310)                                   | 91.2<br>87.7 - 94.8 |

### Most common sources of knowledge of Māori culture<sup>1</sup>

|                     | Parents          |                     | Relatives           |                     | On the marae        |                     | Primary school      |                     | Secondary school    |                     |                     |
|---------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                     | n (N)            | % 95% CI            | n (N)               | % 95% CI            | n (N)               | % 95% CI            | n (N)               | % 95% CI            | n (N)               | % 95% CI            |                     |
| <b>Total</b>        | 1,048<br>(1,532) | 68.4<br>66.1 - 70.7 | 965<br>(1,532)      | 63.2<br>60.9 - 65.6 | 779<br>(1,532)      | 50.7<br>47.3 - 54.1 | 818<br>(1,532)      | 53.4<br>50.7 - 56.2 | 821<br>(1,532)      | 53.7<br>50.6 - 56.8 |                     |
| <b>By sex</b>       | Male             | 464<br>(702)        | 66.0<br>62.8 - 69.3 | 401<br>(702)        | 57.3<br>53.9 - 60.7 | 345<br>(702)        | 48.8<br>44.5 - 53.0 | 345<br>(702)        | 49.2<br>45.8 - 52.6 | 369<br>(702)        | 52.6<br>48.9 - 56.4 |
|                     | Female           | 583<br>(828)        | 70.5<br>67.5 - 73.5 | 563<br>(828)        | 68.3<br>64.5 - 72.0 | 433<br>(828)        | 52.3<br>48.1 - 56.6 | 472<br>(828)        | 57.1<br>52.8 - 61.4 | 450<br>(828)        | 54.5<br>50.6 - 58.3 |
| <b>By age</b>       | 13 or less       | 275<br>(382)        | 71.8<br>67.6 - 76.0 | 198<br>(382)        | 52.0<br>47.4 - 56.5 | 189<br>(382)        | 49.3<br>43.6 - 55.1 | 202<br>(382)        | 52.7<br>47.1 - 58.4 | 188<br>(382)        | 49.5<br>43.5 - 55.5 |
|                     | 14               | 264<br>(393)        | 67.3<br>62.9 - 71.8 | 254<br>(393)        | 65.0<br>59.9 - 70.2 | 190<br>(393)        | 48.2<br>43.5 - 53.0 | 190<br>(393)        | 48.4<br>43.2 - 53.7 | 222<br>(393)        | 56.5<br>51.5 - 61.5 |
|                     | 15               | 202<br>(312)        | 64.8<br>59.2 - 70.3 | 200<br>(312)        | 64.5<br>59.1 - 70.0 | 168<br>(312)        | 53.9<br>48.4 - 59.5 | 167<br>(312)        | 53.8<br>47.5 - 60.0 | 178<br>(312)        | 57.6<br>51.3 - 63.9 |
|                     | 16               | 181<br>(256)        | 71.0<br>65.0 - 77.0 | 180<br>(256)        | 70.7<br>65.5 - 76.0 | 139<br>(256)        | 54.1<br>47.2 - 61.1 | 143<br>(256)        | 55.8<br>49.6 - 61.9 | 132<br>(256)        | 51.4<br>45.1 - 57.7 |
| 17 or older         | 125<br>(186)     | 67.0<br>59.8 - 74.1 | 132<br>(186)        | 70.4<br>63.9 - 76.8 | 93<br>(186)         | 49.3<br>42.4 - 56.3 | 115<br>(186)        | 62.0<br>54.2 - 69.7 | 99<br>(186)         | 52.6<br>46.0 - 59.2 |                     |
| <b>By NZDep2006</b> | Low              | 179<br>(280)        | 63.9<br>57.6 - 70.1 | 177<br>(280)        | 63.3<br>57.4 - 69.1 | 112<br>(280)        | 40.3<br>34.3 - 46.3 | 160<br>(280)        | 57.3<br>51.2 - 63.3 | 153<br>(280)        | 54.8<br>49.4 - 60.2 |
|                     | Medium           | 340<br>(503)        | 67.6<br>63.6 - 71.6 | 313<br>(503)        | 62.2<br>57.2 - 67.1 | 227<br>(503)        | 45.1<br>40.4 - 49.9 | 269<br>(503)        | 53.4<br>48.5 - 58.3 | 285<br>(503)        | 56.6<br>51.6 - 61.7 |
|                     | High             | 513<br>(729)        | 70.5<br>67.7 - 73.2 | 460<br>(729)        | 63.6<br>60.8 - 66.4 | 430<br>(729)        | 58.7<br>54.7 - 62.8 | 377<br>(729)        | 51.7<br>48.5 - 55.0 | 370<br>(729)        | 50.9<br>46.7 - 55.1 |
| <b>By geography</b> | Urban            | 842<br>(1,230)      | 68.5<br>66.0 - 71.1 | 786<br>(1,230)      | 64.1<br>61.4 - 66.8 | 625<br>(1,230)      | 50.8<br>47.2 - 54.3 | 651<br>(1,230)      | 52.9<br>49.8 - 56.0 | 652<br>(1,230)      | 53.2<br>50.0 - 56.4 |
|                     | Rural            | 190<br>(282)        | 67.0<br>62.3 - 71.8 | 164<br>(282)        | 58.4<br>53.8 - 63.0 | 144<br>(282)        | 50.4<br>43.0 - 57.8 | 155<br>(282)        | 55.1<br>49.5 - 60.6 | 156<br>(282)        | 55.2<br>47.6 - 62.7 |

Notes: 1. Students could choose more than one response option; not all options are shown here.

## Samoaan students

|               |        | Very proud of being Samoan |                     | Important <sup>1</sup> to be recognised as Samoan |                     | Satisfied or very satisfied with their knowledge of things Samoan |                     | Can speak Samoan fairly well, well, or very well |                     | Can understand spoken Samoan fairly well, well, or very well |                     |
|---------------|--------|----------------------------|---------------------|---|---------------------|---|---------------------|--|---------------------|--|---------------------|
|               |        | n (N)                      | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>  |        | 559 (642)                  | 87.0<br>82.6 - 91.5 | 522 (644)   | 81.0<br>76.6 - 85.4 | 421 (642)   | 65.6<br>59.4 - 71.7 | 402 (642)  | 62.6<br>55.5 - 69.6 | 464 (643)  | 72.1<br>64.7 - 79.5 |
| <b>By sex</b> | Male   | 218 (253)                  | 86.1<br>80.8 - 91.3 | 208 (255)   | 81.4<br>74.8 - 88.0 | 170 (254)   | 66.7<br>57.8 - 75.7 | 153 (253)  | 60.2<br>50.8 - 69.7 | 173 (254)  | 67.8<br>59.4 - 76.3 |
|               | Female | 341 (389)                  | 87.7<br>82.2 - 93.1 | 314 (389)   | 80.7<br>75.8 - 85.6 | 251 (388)   | 64.8<br>58.9 - 70.7 | 249 (389)  | 64.1<br>57.3 - 70.8 | 291 (389)  | 74.9<br>66.4 - 83.3 |

Notes: 1. Important, somewhat important, or very important.

## Cook Island students

|               |        | Very proud of being a Cook Islander |                     | Important <sup>1</sup> to be recognised as a Cook Islander |                     | Satisfied or very satisfied with their knowledge of Cook Island culture |                     | Can speak Cook Island Māori fairly well, well, or very well |                     | Can understand spoken Cook Island Māori fairly well, well, or very well |                     |
|---------------|--------|-------------------------------------|---------------------|--|---------------------|---|---------------------|---|---------------------|---|---------------------|
|               |        | n (N)                               | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 226 (280)                           | 80.8<br>73.8 - 87.7 | 193 (281)  | 68.8<br>59.2 - 78.4 | 152 (279)   | 54.6<br>47.3 - 61.9 | 80 (278)  | 28.8<br>21.8 - 35.7 | 129 (281)   | 45.9<br>37.7 - 54.2 |
| <b>By sex</b> | Male   | 99 (127)                            | 78.0<br>68.3 - 87.7 | 79 (127)   | 62.5<br>49.1 - 75.9 | 67 (125)  | 53.9<br>43.4 - 64.4 | 30 (124)  | 24.2<br>17.4 - 30.9 | 52 (127)  | 41.0<br>32.4 - 49.7 |
|               | Female | 127 (153)                           | 83.0<br>75.7 - 90.4 | 114 (154)  | 74.0<br>65.6 - 82.4 | 85 (154)  | 55.2<br>48.6 - 61.8 | 50 (154)  | 32.5<br>22.6 - 42.3 | 77 (154)  | 50.0<br>39.7 - 60.3 |

Notes: 1. Important, somewhat important, or very important.

## Tongan students

|               |        | Very proud of being Tongan |                     | Important <sup>1</sup> to be recognised as Tongan |                     | Satisfied or very satisfied with their knowledge of things Tongan |                     | Can speak Tongan fairly well, well, or very well |                     | Can understand spoken Tongan fairly well, well, or very well |                     |
|---------------|--------|----------------------------|---------------------|---|---------------------|---|---------------------|--|---------------------|--|---------------------|
|               |        | n (N)                      | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>  |        | 300 (349)                  | 86.0<br>79.1 - 92.9 | 271 (349)   | 77.7<br>71.7 - 83.8 | 241 (350)   | 69.2<br>62.7 - 75.8 | 239 (348)  | 68.9<br>60.9 - 77.0 | 273 (349)  | 78.6<br>70.9 - 86.2 |
| <b>By sex</b> | Male   | 127 (156)                  | 81.5<br>72.4 - 90.5 | 113 (156)   | 72.4<br>63.6 - 81.2 | 106 (156)   | 68.4<br>60.2 - 76.6 | 102 (154)  | 66.6<br>56.6 - 76.6 | 116 (155)  | 75.3<br>64.9 - 85.8 |
|               | Female | 173 (193)                  | 89.6<br>82.1 - 97.1 | 158 (193)   | 82.0<br>74.4 - 89.6 | 135 (194)   | 69.9<br>60.7 - 79.1 | 137 (194)  | 70.8<br>60.9 - 80.6 | 157 (194)  | 81.1<br>72.8 - 89.5 |

Notes: 1. Important, somewhat important, or very important.

## Niuean students

|               |        | Very proud of being Niuean |                     | Important <sup>1</sup> to be recognised as Niuean |                     | Satisfied or very satisfied with their knowledge of things Niuean |                     | Can speak Niuean fairly well, well, or very well |                     | Can understand spoken Niuean fairly well, well, or very well |                     |
|---------------|--------|----------------------------|---------------------|---|---------------------|---|---------------------|--|---------------------|--|---------------------|
|               |        | n (N)                      | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>  |        | 90 (111)                   | 80.9<br>72.2 - 89.6 | 79 (111)  | 71.0<br>62.3 - 79.6 | 52 (111)  | 46.7<br>36.9 - 56.5 | 25 (111)   | 22.2<br>14.3 - 30.2 | 35 (111)   | 31.2<br>22.5 - 39.9 |
| <b>By sex</b> | Male   | 34 (47)                    | 71.9<br>61.1 - 82.8 | 32 (47)   | 67.7<br>52.3 - 83.1 | 21 (47)   | 44.3<br>32.4 - 56.2 | 8 (47)   | 16.3<br>7.0 - 25.7  | 14 (47)  | 29.0<br>17.8 - 40.2 |
|               | Female | 56 (64)                    | 87.5<br>77.5 - 97.5 | 47 (64)   | 73.4<br>65.2 - 81.7 | 31 (64)   | 48.5<br>35.3 - 61.6 | 17 (64)  | 26.6<br>16.0 - 37.1 | 21 (64)  | 32.8<br>22.9 - 42.7 |

Notes: 1. Important, somewhat important, or very important.

## Other Pacific students (Tokelauan, Fijian and other Pacific students)

|               |        | Very proud of being a person from their family's culture |                     | Important <sup>1</sup> to be recognised as a person from their family's culture |                     | Satisfied or very satisfied with their knowledge of their family's culture |                     | Can speak the language of their family's culture fairly well, well, or very well |                     | Can understand the language of their family's culture fairly well, well, or very well |                     |
|---------------|--------|--|---------------------|---|---------------------|--|---------------------|--|---------------------|---|---------------------|
|               |        | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 112 (146)  | 77.1<br>69.0 - 85.2 | 103 (145)   | 71.3<br>63.6 - 79.0 | 105 (146)  | 72.3<br>64.5 - 80.1 | 89 (146)   | 60.9<br>48.8 - 73.0 | 110 (146)   | 75.4<br>65.8 - 85.0 |
| <b>By sex</b> | Male   | 56 (72)  | 78.6<br>69.2 - 87.9 | 49 (71)   | 69.6<br>59.2 - 80.0 | 51 (72)  | 71.7<br>59.4 - 83.9 | 45 (72)  | 62.4<br>50.3 - 74.5 | 51 (72)   | 71.0<br>58.6 - 83.4 |
|               | Female | 56 (74)  | 75.6<br>64.0 - 87.3 | 54 (74)   | 73.0<br>63.1 - 82.9 | 54 (74)  | 73.0<br>63.2 - 82.7 | 44 (74)  | 59.5<br>41.7 - 77.3 | 59 (74)   | 79.7<br>66.1 - 93.3 |

Notes: 1. Important, somewhat important, or very important.

## Chinese students

|               |        | Very proud of being Chinese |                     | Important <sup>1</sup> to be recognised as Chinese |                     | Satisfied or very satisfied with their knowledge of things Chinese |                     | Can speak a spoken Chinese language fairly well, well, or very well |                     | Can understand a spoken Chinese language fairly well, well, or very well |                     |
|---------------|--------|-----------------------------|---------------------|--|---------------------|--|---------------------|---|---------------------|--|---------------------|
|               |        | n (N)                       | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>  |        | 239 (417)                   | 57.4<br>53.6 - 61.1 | 219 (417)  | 52.6<br>48.4 - 56.8 | 194 (418)  | 46.5<br>41.8 - 51.2 | 292 (418)   | 69.8<br>60.5 - 79.1 | 318 (418)  | 76.0<br>68.1 - 83.9 |
| <b>By sex</b> | Male   | 115 (192)                   | 60.0<br>54.0 - 66.1 | 95 (191)   | 49.7<br>43.7 - 55.8 | 92 (192)   | 48.0<br>42.0 - 53.9 | 138 (192)   | 71.9<br>62.1 - 81.7 | 152 (192)  | 79.2<br>71.2 - 87.1 |
|               | Female | 123 (224)                   | 54.9<br>48.7 - 61.2 | 123 (225)  | 54.8<br>48.7 - 60.9 | 101 (225)  | 45.0<br>37.9 - 52.1 | 154 (225)   | 68.3<br>57.5 - 79.1 | 166 (225)  | 73.7<br>64.1 - 83.2 |

Notes: 1. Important, somewhat important, or very important.

## Indian students

|               |        | Very proud of being Indian |                     | Important <sup>1</sup> to be recognised as Indian |                     | Satisfied or very satisfied with their knowledge of things Indian |                     | Can speak a spoken Indian language fairly well, well, or very well |                     | Can understand a spoken Indian language fairly well, well, or very well |                     |
|---------------|--------|----------------------------|---------------------|---|---------------------|---|---------------------|--|---------------------|---|---------------------|
|               |        | n (N)                      | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 229 (359)                  | 63.8<br>56.7 - 70.8 | 215 (359)   | 59.9<br>51.2 - 68.5 | 236 (359)   | 65.7<br>59.7 - 71.7 | 253 (359)  | 70.5<br>61.4 - 79.5 | 268 (358)   | 74.9<br>66.1 - 83.7 |
| <b>By sex</b> | Male   | 110 (168)                  | 65.6<br>59.1 - 72.0 | 100 (168)   | 59.5<br>49.5 - 69.5 | 116 (168)   | 69.2<br>59.5 - 78.9 | 123 (168)  | 73.2<br>64.3 - 82.2 | 129 (167)   | 77.4<br>69.0 - 85.8 |
|               | Female | 119 (191)                  | 62.2<br>52.1 - 72.2 | 115 (191)   | 60.2<br>50.9 - 69.5 | 120 (191)   | 62.6<br>55.0 - 70.3 | 130 (191)  | 68.0<br>57.2 - 78.8 | 139 (191)   | 72.7<br>61.9 - 83.5 |

Notes: 1. Important, somewhat important, or very important.

## Other Asian students (Filipino, Japanese, Korean, Cambodian, and other Asian students)

|               |        | Very proud of being a person from their family's culture |                     | Important <sup>1</sup> to be recognised as a person from their family's culture |                     | Satisfied or very satisfied with their knowledge of their family's culture |                     | Can speak the language of their family's culture fairly well, well, or very well |                     | Can understand the language of their family's culture fairly well, well, or very well |                     |
|---------------|--------|--|---------------------|---|---------------------|--|---------------------|--|---------------------|---|---------------------|
|               |        | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 358 (479)  | 74.8<br>71.3 - 78.3 | 306 (478)   | 64.1<br>59.3 - 68.9 | 314 (479)  | 65.8<br>60.3 - 71.2 | 406 (478)  | 85.0<br>80.7 - 89.3 | 429 (479)   | 89.7<br>86.2 - 93.2 |
| <b>By sex</b> | Male   | 187 (253)  | 74.2<br>68.6 - 79.7 | 162 (252)   | 64.5<br>58.5 - 70.5 | 171 (253)  | 68.0<br>62.1 - 73.9 | 211 (253)  | 83.6<br>77.2 - 90.1 | 223 (253)   | 88.4<br>83.1 - 93.8 |
|               | Female | 171 (226)  | 75.6<br>70.5 - 80.7 | 144 (226)   | 63.6<br>56.5 - 70.7 | 143 (226)  | 63.2<br>56.7 - 69.7 | 195 (225)  | 86.6<br>81.8 - 91.4 | 206 (226)   | 91.1<br>87.1 - 95.2 |

Notes: 1. Important, somewhat important, or very important.

## European students (New Zealand European and other European (e.g. English, Australian, Dutch etc))

|               |        | Very proud of being a person from their family's culture |                     | Important <sup>1</sup> to be recognised as a person from their family's culture |                     | Satisfied or very satisfied with their knowledge of their family's culture |                     | Can speak the language of their family's culture fairly well, well, or very well |                     | Can understand the language of their family's culture fairly well, well, or very well |                     |
|---------------|--------|--|---------------------|---|---------------------|--|---------------------|--|---------------------|---|---------------------|
|               |        | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 3,794 (5,234)  | 72.5<br>70.9 - 74.2 | 2,571 (5,224)   | 49.3<br>47.4 - 51.2 | 3,218 (5,225)  | 61.7<br>60.2 - 63.2 | 4,392 (5,211)  | 84.3<br>82.9 - 85.7 | 4,499 (5,222)   | 86.2<br>85.0 - 87.3 |
| <b>By sex</b> | Male   | 1,662 (2,338)  | 71.2<br>69.0 - 73.4 | 1,097 (2,334)   | 47.2<br>44.7 - 49.7 | 1,475 (2,332)  | 63.4<br>61.2 - 65.7 | 1,947 (2,326)  | 83.7<br>81.8 - 85.7 | 2,004 (2,333)   | 86.0<br>84.4 - 87.5 |
|               | Female | 2,132 (2,895)  | 73.6<br>71.7 - 75.5 | 1,474 (2,889)   | 51.1<br>48.9 - 53.2 | 1,743 (2,892)  | 60.3<br>58.3 - 62.3 | 2,445 (2,884)  | 84.8<br>82.9 - 86.6 | 2,495 (2,888)   | 86.4<br>84.8 - 87.9 |

Notes: 1. Important, somewhat important, or very important.

## Middle Eastern, Latin American, African students

|               |        | Very proud of being a person from their family's culture |                     | Important <sup>1</sup> to be recognised as a person from their family's culture |                     | Satisfied or very satisfied with their knowledge of their family's culture |                     | Can speak the language of their family's culture fairly well, well, or very well |                     | Can understand the language of their family's culture fairly well, well, or very well |                     |
|---------------|--------|--|---------------------|---|---------------------|--|---------------------|--|---------------------|---|---------------------|
|               |        | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 163<br>(221)   | 74.3<br>68.1 - 80.5 | 146<br>(219)  | 67.4<br>61.1 - 73.6 | 145<br>(221)   | 66.0<br>60.6 - 71.5 | 158<br>(220)   | 72.9<br>65.9 - 79.8 | 174<br>(221)  | 79.5<br>73.4 - 85.6 |
| <b>By sex</b> | Male   | 85<br>(114)  | 76.0<br>67.4 - 84.7 | 66<br>(112)   | 60.3<br>50.6 - 70.1 | 76<br>(114)  | 67.7<br>59.7 - 75.6 | 79<br>(114)  | 71.2<br>61.3 - 81.0 | 88<br>(114)   | 78.9<br>71.4 - 86.4 |
|               | Female | 78<br>(107)  | 72.5<br>65.6 - 79.4 | 80<br>(107)   | 74.6<br>67.5 - 81.8 | 69<br>(107)  | 64.3<br>56.2 - 72.4 | 79<br>(106)  | 74.7<br>64.8 - 84.5 | 86<br>(107)   | 80.1<br>71.1 - 89.2 |

Notes: 1. Important, somewhat important, or very important.

## Other students (students who selected 'other' as one of their ethnic groups)

|               |        | Very proud of being a person from their family's culture |                     | Important <sup>1</sup> to be recognised as a person from their family's culture |                     | Satisfied or very satisfied with their knowledge of their family's culture |                     | Can speak the language of their family's culture fairly well, well, or very well |                     | Can understand the language of their family's culture fairly well, well, or very well |                     |
|---------------|--------|--|---------------------|---|---------------------|--|---------------------|--|---------------------|---|---------------------|
|               |        | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>  |        | 301<br>(421)   | 71.5<br>66.6 - 76.4 | 257<br>(421)  | 61.1<br>55.6 - 66.7 | 258<br>(418)   | 61.7<br>56.1 - 67.2 | 298<br>(421)   | 70.6<br>65.6 - 75.6 | 320<br>(422)  | 75.6<br>71.2 - 80.1 |
| <b>By sex</b> | Male   | 134<br>(185)   | 72.6<br>67.1 - 78.1 | 108<br>(185)  | 58.7<br>51.1 - 66.3 | 125<br>(182)   | 68.7<br>61.9 - 75.5 | 130<br>(185)   | 69.8<br>62.0 - 77.5 | 143<br>(186)  | 76.7<br>70.0 - 83.3 |
|               | Female | 167<br>(236)   | 70.7<br>64.1 - 77.2 | 149<br>(236)  | 63.1<br>55.6 - 70.5 | 133<br>(236)   | 56.2<br>49.0 - 63.4 | 168<br>(236)   | 71.3<br>64.3 - 78.2 | 177<br>(236)  | 74.8<br>69.0 - 80.7 |

Notes: 1. Important, somewhat important, or very important.

## Ethnicity comparisons<sup>1</sup> 2001 – 2012

| Students who report two or more ethnic groups |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>                                  |        | 2,743<br>(9,440) | 29.0<br>27.3 - 30.8 | 3,565<br>(9,065) | 39.4<br>37.1 - 41.7 | 3,540<br>(8,488) | 41.8<br>39.4 - 44.2 |
| <b>By sex</b>                                 | Male   | 1,284<br>(4,346) | 29.3<br>27.4 - 31.2 | 1,854<br>(4,889) | 37.9<br>35.0 - 40.9 | 1,602<br>(3,865) | 41.6<br>38.5 - 44.7 |
|   | Female | 1,459<br>(5,094) | 28.8<br>26.4 - 31.2 | 1,711<br>(4,176) | 41.1<br>38.7 - 43.5 | 1,937<br>(4,620) | 42.0<br>39.2 - 44.8 |

Note: 1. Response options changed from 2001 to 2007/2012. In 2001 students were given 27 ethnic groups to choose from using branching to show additional response options. In 2007 and 2012 students could choose from 24 ethnicities only.

# Home and Family

This section includes questions on students' family background, the number of homes they live in, their family circumstances and their relationship with parents.

## Family Background

### Number of homes a student lives in

|                     |             | One              |                     | Two or more      |                     |
|---------------------|-------------|------------------|---------------------|------------------|---------------------|
|                     |             | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>        |             | 6,039<br>(8,491) | 71.1<br>69.7 - 72.5 | 2,452<br>(8,491) | 28.9<br>27.5 - 30.3 |
| <b>By sex</b>       | Male        | 2,683<br>(3,871) | 69.3<br>67.6 - 70.9 | 1,188<br>(3,871) | 30.7<br>29.1 - 32.4 |
|                     | Female      | 3,354<br>(4,617) | 72.7<br>70.9 - 74.4 | 1,263<br>(4,617) | 27.3<br>25.6 - 29.1 |
| <b>By age</b>       | 13 or less  | 1,329<br>(1,837) | 72.4<br>70.0 - 74.8 | 508<br>(1,837)   | 27.6<br>25.2 - 30.0 |
|                     | 14          | 1,339<br>(1,896) | 70.6<br>68.4 - 72.8 | 557<br>(1,896)   | 29.4<br>27.2 - 31.6 |
|                     | 15          | 1,223<br>(1,753) | 69.8<br>67.7 - 71.9 | 530<br>(1,753)   | 30.2<br>28.1 - 32.3 |
|                     | 16          | 1,132<br>(1,577) | 71.8<br>69.0 - 74.6 | 445<br>(1,577)   | 28.2<br>25.4 - 31.0 |
|                     | 17 or older | 1,009<br>(1,417) | 71.2<br>68.2 - 74.1 | 408<br>(1,417)   | 28.8<br>25.9 - 31.8 |
| <b>By NZDep2006</b> | Low         | 2,012<br>(2,715) | 74.1<br>72.7 - 75.5 | 703<br>(2,715)   | 25.9<br>24.5 - 27.3 |
|                     | Medium      | 2,124<br>(2,999) | 70.7<br>69.0 - 72.5 | 875<br>(2,999)   | 29.3<br>27.5 - 31.0 |
|                     | High        | 1,837<br>(2,672) | 68.8<br>65.8 - 71.8 | 835<br>(2,672)   | 31.2<br>28.2 - 34.2 |
| <b>By geography</b> | Urban       | 5,070<br>(7,114) | 71.2<br>69.8 - 72.7 | 2,044<br>(7,114) | 28.8<br>27.3 - 30.2 |
|                     | Rural       | 903<br>(1,272)   | 71.0<br>68.4 - 73.7 | 369<br>(1,272)   | 29.0<br>26.3 - 31.6 |

## People who student lives with in their main or only home<sup>1</sup>

|                             | n<br>(N)         | %<br>95% CI         |
|-----------------------------|------------------|---------------------|
| Mother                      | 7,673<br>(8,487) | 90.5<br>89.4 - 91.5 |
| Father                      | 6,147<br>(8,487) | 72.5<br>70.9 - 74.0 |
| Parent's partner            | 654<br>(8,487)   | 7.7<br>6.9 - 8.5    |
| Brother(s) and/or sister(s) | 5,993<br>(8,487) | 70.7<br>69.1 - 72.3 |
| Grandparent(s)              | 670<br>(8,487)   | 7.9<br>6.5 - 9.3    |
| Other relatives             | 548<br>(8,487)   | 6.4<br>4.9 - 7.9    |
| Friend(s)                   | 94<br>(8,487)    | 1.1<br>0.8 - 1.4    |
| Friend's parents            | 40<br>(8,487)    | 0.5<br>0.3 - 0.6    |
| Girlfriend or boyfriend     | 84<br>(8,487)    | 1.0<br>0.8 - 1.2    |
| Foster parent(s)            | 49<br>(8,487)    | 0.5<br>0.4 - 0.7    |
| Flatmate(s) or boarder(s)   | 151<br>(8,487)   | 1.8<br>1.3 - 2.2    |
| Someone else                | 183<br>(8,487)   | 2.1<br>1.8 - 2.4    |

Note: 1. Students could choose more than one response option.



# Family Relationships

## People who act as a parent for students<sup>1</sup>

|                     | Mother        |                  | Father        |                  | Parent's partner |               | Grandparents  |                  | Other relatives <sup>2</sup> |                  | Other adults <sup>3</sup> |               |
|---------------------|---------------|------------------|---------------|------------------|------------------|---------------|---------------|------------------|------------------------------|------------------|---------------------------|---------------|
|                     | n (N)         | % 95% CI         | n (N)         | % 95% CI         | n (N)            | % 95% CI      | n (N)         | % 95% CI         | n (N)                        | % 95% CI         | n (N)                     | % 95% CI      |
| <b>Total</b>        | 7,694 (8,488) | 90.7 89.6 - 91.8 | 6,179 (8,488) | 72.9 71.3 - 74.4 | 518 (8,488)      | 6.1 5.4 - 6.8 | 1,072 (8,488) | 12.6 11.2 - 14.1 | 1,431 (8,488)                | 16.9 14.3 - 19.5 | 343 (8,488)               | 4.0 3.6 - 4.5 |
| <b>By sex</b>       |               |                  |               |                  |                  |               |               |                  |                              |                  |                           |               |
| Male                | 3,455 (3,866) | 89.5 87.9 - 91.0 | 2,857 (3,866) | 74.1 71.9 - 76.3 | 230 (3,866)      | 5.9 4.9 - 7.0 | 519 (3,866)   | 13.5 12.0 - 15.1 | 646 (3,866)                  | 16.7 14.2 - 19.3 | 134 (3,866)               | 3.5 2.9 - 4.1 |
| Female              | 4,236 (4,619) | 91.8 90.4 - 93.1 | 3,322 (4,619) | 71.9 70.0 - 73.8 | 287 (4,619)      | 6.2 5.5 - 7.0 | 552 (4,619)   | 11.9 10.2 - 13.6 | 784 (4,619)                  | 17.0 13.7 - 20.3 | 209 (4,619)               | 4.5 3.8 - 5.2 |
| <b>By age</b>       |               |                  |               |                  |                  |               |               |                  |                              |                  |                           |               |
| 13 or less          | 1,692 (1,834) | 92.2 90.8 - 93.7 | 1,391 (1,834) | 75.9 73.3 - 78.5 | 116 (1,834)      | 6.3 5.1 - 7.5 | 281 (1,834)   | 15.3 13.2 - 17.5 | 338 (1,834)                  | 18.5 15.5 - 21.5 | 72 (1,834)                | 3.9 3.0 - 4.8 |
| 14                  | 1,713 (1,894) | 90.6 88.9 - 92.3 | 1,381 (1,894) | 73.0 70.5 - 75.4 | 128 (1,894)      | 6.8 5.4 - 8.2 | 266 (1,894)   | 14.1 12.3 - 15.8 | 382 (1,894)                  | 20.2 16.9 - 23.5 | 79 (1,894)                | 4.2 3.2 - 5.2 |
| 15                  | 1,592 (1,754) | 90.8 89.0 - 92.6 | 1,247 (1,754) | 71.2 68.7 - 73.8 | 106 (1,754)      | 6.0 4.8 - 7.3 | 231 (1,754)   | 13.2 10.9 - 15.5 | 284 (1,754)                  | 16.2 13.3 - 19.0 | 70 (1,754)                | 4.0 3.1 - 5.0 |
| 16                  | 1,416 (1,577) | 89.8 88.2 - 91.5 | 1,142 (1,577) | 72.5 70.1 - 74.9 | 95 (1,577)       | 6.0 4.9 - 7.2 | 170 (1,577)   | 10.8 8.5 - 13.1  | 227 (1,577)                  | 14.4 11.3 - 17.6 | 52 (1,577)                | 3.3 2.3 - 4.3 |
| 17 or older         | 1,270 (1,418) | 89.7 87.6 - 91.7 | 1,010 (1,418) | 71.2 68.8 - 73.7 | 73 (1,418)       | 5.2 3.9 - 6.5 | 123 (1,418)   | 8.6 6.8 - 10.5   | 200 (1,418)                  | 14.1 11.1 - 17.2 | 70 (1,418)                | 4.9 3.4 - 6.4 |
| <b>By NZDep2006</b> |               |                  |               |                  |                  |               |               |                  |                              |                  |                           |               |
| Low                 | 2,555 (2,714) | 94.2 93.2 - 95.2 | 2,176 (2,714) | 80.2 78.5 - 82.0 | 152 (2,714)      | 5.6 4.7 - 6.5 | 248 (2,714)   | 9.2 8.0 - 10.4   | 301 (2,714)                  | 11.1 9.7 - 12.4  | 102 (2,714)               | 3.7 3.2 - 4.2 |
| Medium              | 2,736 (2,999) | 91.2 90.0 - 92.5 | 2,177 (2,999) | 72.6 70.5 - 74.6 | 201 (2,999)      | 6.7 5.6 - 7.8 | 337 (2,999)   | 11.3 10.0 - 12.6 | 414 (2,999)                  | 13.8 12.1 - 15.6 | 115 (2,999)               | 3.9 3.0 - 4.7 |
| High                | 2,313 (2,670) | 86.8 84.9 - 88.7 | 1,756 (2,670) | 65.9 63.3 - 68.5 | 157 (2,670)      | 5.8 4.7 - 7.0 | 472 (2,670)   | 17.7 15.3 - 20.1 | 697 (2,670)                  | 26.2 22.2 - 30.3 | 115 (2,670)               | 4.3 3.3 - 5.2 |
| <b>By geography</b> |               |                  |               |                  |                  |               |               |                  |                              |                  |                           |               |
| Urban               | 6,460 (7,111) | 90.9 89.7 - 92.0 | 5,138 (7,111) | 72.3 70.6 - 73.9 | 419 (7,111)      | 5.9 5.2 - 6.6 | 928 (7,111)   | 13.0 11.5 - 14.6 | 1,255 (7,111)                | 17.7 14.7 - 20.6 | 285 (7,111)               | 4.0 3.5 - 4.5 |
| Rural               | 1,144 (1,272) | 90.3 87.8 - 92.7 | 971 (1,272)   | 76.7 73.7 - 79.8 | 91 (1,272)       | 7.1 5.7 - 8.6 | 129 (1,272)   | 10.2 8.1 - 12.4  | 157 (1,272)                  | 12.3 10.1 - 14.4 | 47 (1,272)                | 3.7 2.5 - 4.8 |

Notes:

1. Students could choose more than one response option.
2. Other relatives includes siblings, and other relatives.
3. Other adults includes friends' parents, another adult or adults.

## Family relationships

|                     |             | Student has fun with their family often or a lot |                     | Family members get along well or very well |                     | Student is happy about how they get along with their family |                     | Family always wants to know where student is |                     |
|---------------------|-------------|--|---------------------|--|---------------------|---|---------------------|--|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)                                      | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 5,876<br>(8,490)                                 | 69.2<br>67.7 - 70.8 | 6,866<br>(8,491)                           | 80.9<br>79.8 - 82.1 | 6,106<br>(8,482)  | 72.0<br>71.0 - 73.0 | 5,173<br>(8,484)                             | 61.0<br>58.8 - 63.2 |
| <b>By sex</b>       | Male        | 2,630<br>(3,870)                                 | 67.9<br>66.1 - 69.8 | 3,100<br>(3,869)                           | 80.2<br>78.8 - 81.6 | 2,899<br>(3,864)  | 75.1<br>73.8 - 76.4 | 2,014<br>(3,867)                             | 52.1<br>49.9 - 54.3 |
|                     | Female      | 3,243<br>(4,617)                                 | 70.3<br>68.3 - 72.2 | 3,763<br>(4,619)                           | 81.5<br>80.2 - 82.9 | 3,205<br>(4,615)  | 69.4<br>67.7 - 71.1 | 3,157<br>(4,615)                             | 68.5<br>66.2 - 70.8 |
| <b>By age</b>       | 13 or less  | 1,364<br>(1,836)                                 | 74.2<br>71.9 - 76.6 | 1,514<br>(1,836)                           | 82.5<br>80.6 - 84.4 | 1,364<br>(1,836)  | 74.3<br>72.5 - 76.1 | 1,189<br>(1,837)                             | 64.8<br>62.3 - 67.3 |
|                     | 14          | 1,316<br>(1,894)                                 | 69.4<br>67.0 - 71.9 | 1,507<br>(1,895)                           | 79.6<br>77.7 - 81.5 | 1,347<br>(1,894)  | 71.1<br>68.9 - 73.3 | 1,121<br>(1,896)                             | 59.0<br>55.4 - 62.6 |
|                     | 15          | 1,208<br>(1,753)                                 | 68.9<br>66.6 - 71.2 | 1,440<br>(1,754)                           | 82.1<br>80.4 - 83.9 | 1,253<br>(1,752)  | 71.5<br>69.3 - 73.8 | 1,109<br>(1,753)                             | 63.2<br>60.2 - 66.3 |
|                     | 16          | 1,032<br>(1,577)                                 | 65.6<br>62.8 - 68.5 | 1,258<br>(1,577)                           | 79.9<br>77.7 - 82.2 | 1,113<br>(1,575)  | 70.8<br>68.7 - 73.0 | 929<br>(1,573)                               | 59.2<br>55.8 - 62.6 |
|                     | 17 or older | 946<br>(1,419)                                   | 66.7<br>63.7 - 69.7 | 1,139<br>(1,418)                           | 80.3<br>78.0 - 82.6 | 1,021<br>(1,414)  | 72.1<br>69.6 - 74.7 | 819<br>(1,415)                               | 58.0<br>54.7 - 61.4 |
| <b>By NZDep2006</b> | Low         | 1,891<br>(2,716)                                 | 69.6<br>67.3 - 71.9 | 2,225<br>(2,717)                           | 82.0<br>80.3 - 83.6 | 1,992<br>(2,715)  | 73.4<br>71.7 - 75.1 | 1,626<br>(2,716)                             | 59.9<br>57.3 - 62.4 |
|                     | Medium      | 2,040<br>(3,000)                                 | 68.0<br>66.2 - 69.8 | 2,386<br>(2,999)                           | 79.5<br>78.1 - 80.9 | 2,112<br>(2,992)  | 70.6<br>69.1 - 72.1 | 1,754<br>(2,998)                             | 58.5<br>56.6 - 60.4 |
|                     | High        | 1,876<br>(2,669)                                 | 70.4<br>67.8 - 73.0 | 2,179<br>(2,670)                           | 81.8<br>79.8 - 83.9 | 1,931<br>(2,670)  | 72.4<br>70.3 - 74.4 | 1,736<br>(2,667)                             | 65.2<br>61.3 - 69.1 |
| <b>By geography</b> | Urban       | 4,909<br>(7,113)                                 | 69.0<br>67.3 - 70.7 | 5,746<br>(7,114)                           | 80.8<br>79.6 - 82.1 | 5,114<br>(7,105)  | 72.0<br>70.9 - 73.1 | 4,390<br>(7,110)                             | 61.7<br>59.3 - 64.1 |
|                     | Rural       | 898<br>(1,272)                                   | 71.0<br>68.6 - 73.3 | 1,044<br>(1,272)                           | 82.3<br>80.3 - 84.2 | 921<br>(1,272)  | 72.5<br>70.0 - 74.9 | 726<br>(1,271)                               | 57.4<br>54.1 - 60.7 |

## Parental relationships

|                     |             | Most of the time feel close to mother and/or father |                     | Mother and/or father care a lot |                     | Most of the time mother and/or father is warm and loving |                     |
|---------------------|-------------|---|---------------------|---------------------------------|---------------------|--|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)                           | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 6,587<br>(8,465)                                    | 77.9<br>76.5 - 79.3 | 7,776<br>(8,363)                | 93.0<br>92.3 - 93.7 | 6,867<br>(8,459)   | 81.2<br>79.9 - 82.5 |
| <b>By sex</b>       | Male        | 3,085<br>(3,856)                                    | 80.1<br>78.3 - 81.8 | 3,520<br>(3,789)                | 92.9<br>92.0 - 93.8 | 3,117<br>(3,853)   | 80.9<br>79.5 - 82.3 |
|                     | Female      | 3,501<br>(4,607)                                    | 76.0<br>74.2 - 77.8 | 4,253<br>(4,571)                | 93.1<br>92.1 - 94.1 | 3,748<br>(4,604)   | 81.4<br>79.7 - 83.2 |
| <b>By age</b>       | 13 or less  | 1,485<br>(1,836)                                    | 80.9<br>78.9 - 82.9 | 1,665<br>(1,803)                | 92.3<br>91.0 - 93.6 | 1,522<br>(1,836)   | 82.9<br>80.9 - 84.9 |
|                     | 14          | 1,483<br>(1,890)                                    | 78.5<br>76.6 - 80.3 | 1,732<br>(1,865)                | 92.9<br>91.6 - 94.2 | 1,524<br>(1,890)   | 80.7<br>78.6 - 82.8 |
|                     | 15          | 1,354<br>(1,746)                                    | 77.5<br>75.5 - 79.6 | 1,611<br>(1,731)                | 93.0<br>91.9 - 94.2 | 1,386<br>(1,743)   | 79.4<br>77.2 - 81.6 |
|                     | 16          | 1,196<br>(1,569)                                    | 76.4<br>73.7 - 79.2 | 1,433<br>(1,555)                | 92.3<br>90.9 - 93.7 | 1,272<br>(1,567)   | 81.3<br>79.6 - 83.0 |
|                     | 17 or older | 1,062<br>(1,414)                                    | 75.1<br>72.7 - 77.5 | 1,325<br>(1,398)                | 94.8<br>93.8 - 95.8 | 1,156<br>(1,413)   | 81.8<br>79.2 - 84.4 |
| <b>By NZDep2006</b> | Low         | 2,174<br>(2,711)                                    | 80.2<br>78.3 - 82.0 | 2,548<br>(2,694)                | 94.6<br>93.6 - 95.5 | 2,266<br>(2,710)   | 83.6<br>81.6 - 85.6 |
|                     | Medium      | 2,305<br>(2,990)                                    | 77.1<br>75.0 - 79.2 | 2,757<br>(2,962)                | 93.1<br>92.2 - 94.0 | 2,431<br>(2,988)   | 81.3<br>79.6 - 83.1 |
|                     | High        | 2,035<br>(2,660)                                    | 76.7<br>74.4 - 78.9 | 2,385<br>(2,609)                | 91.5<br>90.3 - 92.7 | 2,091<br>(2,658)   | 78.7<br>77.3 - 80.2 |
| <b>By geography</b> | Urban       | 5,515<br>(7,092)                                    | 77.8<br>76.3 - 79.2 | 6,524<br>(7,007)                | 93.1<br>92.3 - 93.9 | 5,753<br>(7,089)   | 81.1<br>79.8 - 82.5 |
|                     | Rural       | 999<br>(1,269)                                      | 78.9<br>76.4 - 81.5 | 1,166<br>(1,258)                | 92.9<br>91.5 - 94.3 | 1,035<br>(1,267)   | 81.9<br>79.3 - 84.5 |

## Students get enough time with their mother

|                     |             | Most of the time |                     | Sometimes        |                     | Hardly ever    |                     |
|---------------------|-------------|------------------|---------------------|------------------|---------------------|----------------|---------------------|
|                     |             | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)       | %<br>95% CI         |
| <b>Total</b>        |             | 4,062<br>(8,317) | 48.8<br>47.3 - 50.4 | 3,358<br>(8,317) | 40.4<br>39.0 - 41.7 | 897<br>(8,317) | 10.8<br>9.8 - 11.7  |
| <b>By sex</b>       | Male        | 1,923<br>(3,779) | 50.9<br>49.2 - 52.6 | 1,520<br>(3,779) | 40.3<br>38.7 - 41.9 | 336<br>(3,779) | 8.8<br>7.7 - 10.0   |
|                     | Female      | 2,138<br>(4,536) | 47.1<br>45.0 - 49.3 | 1,837<br>(4,536) | 40.5<br>38.7 - 42.3 | 561<br>(4,536) | 12.4<br>11.2 - 13.5 |
| <b>By age</b>       | 13 or less  | 941<br>(1,810)   | 51.9<br>49.1 - 54.6 | 706<br>(1,810)   | 39.1<br>36.7 - 41.5 | 163<br>(1,810) | 9.0<br>7.3 - 10.7   |
|                     | 14          | 903<br>(1,860)   | 48.5<br>46.2 - 50.9 | 761<br>(1,860)   | 40.9<br>39.1 - 42.7 | 196<br>(1,860) | 10.6<br>9.2 - 12.0  |
|                     | 15          | 835<br>(1,718)   | 48.7<br>46.0 - 51.4 | 680<br>(1,718)   | 39.5<br>36.9 - 42.1 | 203<br>(1,718) | 11.8<br>10.3 - 13.3 |
|                     | 16          | 718<br>(1,536)   | 46.8<br>44.1 - 49.6 | 646<br>(1,536)   | 42.2<br>39.2 - 45.1 | 172<br>(1,536) | 11.0<br>9.4 - 12.6  |
|                     | 17 or older | 659<br>(1,383)   | 47.7<br>45.0 - 50.4 | 562<br>(1,383)   | 40.5<br>38.1 - 43.0 | 162<br>(1,383) | 11.8<br>9.8 - 13.7  |
| <b>By NZDep2006</b> | Low         | 1,418<br>(2,687) | 52.8<br>50.7 - 55.0 | 1,042<br>(2,687) | 38.8<br>36.8 - 40.8 | 227<br>(2,687) | 8.4<br>7.3 - 9.5    |
|                     | Medium      | 1,471<br>(2,934) | 50.0<br>48.2 - 51.9 | 1,147<br>(2,934) | 39.1<br>37.2 - 41.1 | 316<br>(2,934) | 10.8<br>9.4 - 12.2  |
|                     | High        | 1,122<br>(2,593) | 43.3<br>40.8 - 45.9 | 1,132<br>(2,593) | 43.6<br>41.0 - 46.3 | 339<br>(2,593) | 13.0<br>11.5 - 14.5 |
| <b>By geography</b> | Urban       | 3,362<br>(6,963) | 48.3<br>46.6 - 50.0 | 2,856<br>(6,963) | 41.0<br>39.5 - 42.5 | 745<br>(6,963) | 10.7<br>9.7 - 11.7  |
|                     | Rural       | 649<br>(1,251)   | 52.0<br>49.4 - 54.6 | 465<br>(1,251)   | 37.2<br>34.6 - 39.9 | 137<br>(1,251) | 10.7<br>8.9 - 12.6  |

### Reasons students gave for not getting enough time with their mother<sup>1,2</sup>

|                     | She's at work |                     | She's out   |                     | She is busy with housework, other children or other family members |                     | She chooses not to spend time with me |                    | I choose not to spend time with her |                     | I don't live with her |                     |
|---------------------|---------------|---------------------|-------------|---------------------|--|---------------------|---------------------------------------|--------------------|-------------------------------------|---------------------|-----------------------|---------------------|
|                     | n (N)         | % 95% CI            | n (N)       | % 95% CI            | n (N)  | % 95% CI            | n (N)                                 | % 95% CI           | n (N)                               | % 95% CI            | n (N)                 | % 95% CI            |
| <b>Total</b>        | 2,572 (4,189) | 61.5<br>59.7 - 63.4 | 757 (4,189) | 18.0<br>16.7 - 19.3 | 2,107 (4,189)  | 50.3<br>48.4 - 52.2 | 327 (4,189)                           | 7.8<br>6.8 - 8.8   | 925 (4,189)                         | 22.1<br>20.7 - 23.4 | 486 (4,189)           | 11.6<br>9.9 - 13.2  |
| <b>By sex</b>       |               |                     |             |                     |  |                     |                                       |                    |                                     |                     |                       |                     |
| Male                | 1,049 (1,817) | 58.0<br>55.3 - 60.7 | 309 (1,817) | 16.8<br>14.9 - 18.8 | 823 (1,817)  | 45.3<br>42.9 - 47.8 | 83 (1,817)                            | 4.6<br>3.5 - 5.6   | 411 (1,817)                         | 22.6<br>20.8 - 24.4 | 245 (1,817)           | 13.4<br>11.7 - 15.2 |
| Female              | 1,523 (2,371) | 64.3<br>62.0 - 66.6 | 448 (2,371) | 18.9<br>17.2 - 20.7 | 1,283 (2,371)  | 54.1<br>51.9 - 56.3 | 244 (2,371)                           | 10.3<br>8.9 - 11.7 | 513 (2,371)                         | 21.6<br>19.9 - 23.3 | 240 (2,371)           | 10.1<br>8.1 - 12.2  |
| <b>By age</b>       |               |                     |             |                     |  |                     |                                       |                    |                                     |                     |                       |                     |
| 13 or less          | 524 (854)     | 61.5<br>57.6 - 65.5 | 151 (854)   | 17.5<br>14.4 - 20.5 | 445 (854)  | 52.1<br>48.4 - 55.8 | 57 (854)                              | 6.7<br>5.2 - 8.3   | 123 (854)                           | 14.3<br>12.0 - 16.6 | 64 (854)              | 7.6<br>5.6 - 9.6    |
| 14                  | 572 (944)     | 60.8<br>57.7 - 63.8 | 157 (944)   | 16.5<br>14.0 - 19.0 | 513 (944)  | 54.3<br>51.6 - 57.0 | 72 (944)                              | 7.6<br>6.1 - 9.2   | 211 (944)                           | 22.3<br>19.9 - 24.8 | 91 (944)              | 9.5<br>7.7 - 11.4   |
| 15                  | 543 (869)     | 62.7<br>58.9 - 66.4 | 157 (869)   | 18.3<br>15.8 - 20.9 | 450 (869)  | 51.9<br>48.4 - 55.3 | 90 (869)                              | 10.5<br>8.3 - 12.7 | 203 (869)                           | 23.5<br>20.2 - 26.8 | 99 (869)              | 11.5<br>8.7 - 14.2  |
| 16                  | 481 (808)     | 59.6<br>56.1 - 63.1 | 164 (808)   | 20.3<br>17.5 - 23.1 | 374 (808)  | 46.2<br>42.5 - 49.9 | 65 (808)                              | 7.9<br>5.9 - 10.0  | 203 (808)                           | 25.0<br>21.9 - 28.0 | 111 (808)             | 13.6<br>10.8 - 16.5 |
| 17 or older         | 449 (710)     | 63.3<br>59.7 - 66.8 | 128 (710)   | 17.9<br>15.6 - 20.1 | 324 (710)  | 45.6<br>41.5 - 49.7 | 43 (710)                              | 6.0<br>4.2 - 7.8   | 184 (710)                           | 26.0<br>22.9 - 29.0 | 121 (710)             | 17.0<br>12.4 - 21.6 |
| <b>By NZDep2006</b> |               |                     |             |                     |  |                     |                                       |                    |                                     |                     |                       |                     |
| Low                 | 797 (1,245)   | 64.3<br>61.4 - 67.2 | 254 (1,245) | 20.3<br>18.1 - 22.5 | 623 (1,245)  | 49.9<br>46.2 - 53.6 | 86 (1,245)                            | 6.9<br>5.3 - 8.5   | 288 (1,245)                         | 23.1<br>20.5 - 25.8 | 123 (1,245)           | 9.9<br>8.0 - 11.8   |
| Medium              | 924 (1,448)   | 63.9<br>61.3 - 66.5 | 271 (1,448) | 18.8<br>16.4 - 21.1 | 713 (1,448)  | 49.2<br>46.4 - 52.0 | 129 (1,448)                           | 8.9<br>7.2 - 10.7  | 351 (1,448)                         | 24.2<br>22.0 - 26.4 | 164 (1,448)           | 11.4<br>9.6 - 13.1  |
| High                | 820 (1,445)   | 56.8<br>54.1 - 59.4 | 222 (1,445) | 15.2<br>13.5 - 16.9 | 747 (1,445)  | 51.9<br>48.7 - 55.1 | 103 (1,445)                           | 7.1<br>5.8 - 8.3   | 273 (1,445)                         | 18.8<br>16.6 - 21.0 | 190 (1,445)           | 13.1<br>9.4 - 16.8  |
| <b>By geography</b> |               |                     |             |                     |  |                     |                                       |                    |                                     |                     |                       |                     |
| Urban               | 2,200 (3,549) | 62.1<br>60.0 - 64.2 | 647 (3,549) | 18.2<br>16.7 - 19.7 | 1,806 (3,549)  | 50.9<br>49.0 - 52.8 | 267 (3,549)                           | 7.5<br>6.5 - 8.6   | 775 (3,549)                         | 21.8<br>20.3 - 23.3 | 379 (3,549)           | 10.6<br>9.0 - 12.3  |
| Rural               | 341 (589)     | 58.1<br>53.8 - 62.4 | 100 (589)   | 16.8<br>13.4 - 20.1 | 277 (589)  | 46.8<br>42.7 - 50.9 | 51 (589)                              | 8.5<br>5.8 - 11.2  | 137 (589)                           | 23.3<br>20.0 - 26.7 | 98 (589)              | 16.9<br>13.5 - 20.3 |

Notes:

1. Among students who do not get enough time with their mother (i.e. sometimes or hardly ever get enough time).
2. Students could choose more than one response option.

## Students get enough time with their father<sup>1</sup> (table 1 of 2)

|                     |             | Most of the time |                     | Sometimes        |                     | Hardly ever      |                     |
|---------------------|-------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|                     |             | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>        |             | 2,953<br>(7,900) | 37.3<br>35.7 - 38.9 | 3,070<br>(7,900) | 38.9<br>37.6 - 40.1 | 1,877<br>(7,900) | 23.8<br>22.5 - 25.0 |
| <b>By sex</b>       | Male        | 1,524<br>(3,608) | 42.2<br>40.3 - 44.1 | 1,361<br>(3,608) | 37.8<br>36.0 - 39.5 | 723<br>(3,608)   | 20.1<br>18.9 - 21.2 |
|                     | Female      | 1,429<br>(4,291) | 33.2<br>31.3 - 35.2 | 1,708<br>(4,291) | 39.8<br>38.3 - 41.3 | 1,154<br>(4,291) | 27.0<br>25.2 - 28.7 |
| <b>By age</b>       | 13 or less  | 691<br>(1,716)   | 40.1<br>37.6 - 42.6 | 668<br>(1,716)   | 39.0<br>36.5 - 41.6 | 357<br>(1,716)   | 20.9<br>18.9 - 22.8 |
|                     | 14          | 695<br>(1,776)   | 39.1<br>36.3 - 42.0 | 678<br>(1,776)   | 38.1<br>35.9 - 40.3 | 403<br>(1,776)   | 22.8<br>20.4 - 25.1 |
|                     | 15          | 588<br>(1,622)   | 36.2<br>33.4 - 39.1 | 619<br>(1,622)   | 38.2<br>35.7 - 40.6 | 415<br>(1,622)   | 25.6<br>23.2 - 28.0 |
|                     | 16          | 488<br>(1,455)   | 33.6<br>30.3 - 36.8 | 593<br>(1,455)   | 40.8<br>38.0 - 43.5 | 374<br>(1,455)   | 25.6<br>23.3 - 27.9 |
|                     | 17 or older | 488<br>(1,322)   | 36.9<br>33.5 - 40.3 | 509<br>(1,322)   | 38.5<br>35.9 - 41.0 | 325<br>(1,322)   | 24.6<br>22.3 - 26.9 |
| <b>By NZDep2006</b> | Low         | 1,040<br>(2,592) | 40.1<br>37.8 - 42.3 | 1,012<br>(2,592) | 39.1<br>37.4 - 40.8 | 540<br>(2,592)   | 20.8<br>19.0 - 22.6 |
|                     | Medium      | 1,019<br>(2,808) | 36.2<br>33.9 - 38.5 | 1,096<br>(2,808) | 39.0<br>37.1 - 40.9 | 693<br>(2,808)   | 24.8<br>22.9 - 26.7 |
|                     | High        | 860<br>(2,404)   | 35.7<br>32.8 - 38.6 | 924<br>(2,404)   | 38.5<br>36.0 - 40.9 | 620<br>(2,404)   | 25.8<br>23.6 - 28.0 |
| <b>By geography</b> | Urban       | 2,380<br>(6,604) | 36.0<br>34.3 - 37.7 | 2,615<br>(6,604) | 39.6<br>38.2 - 40.9 | 1,609<br>(6,604) | 24.4<br>23.1 - 25.7 |
|                     | Rural       | 539<br>(1,200)   | 44.9<br>41.9 - 47.9 | 417<br>(1,200)   | 34.8<br>32.1 - 37.6 | 244<br>(1,200)   | 20.2<br>17.9 - 22.6 |

Note: 1. Students who responded 'doesn't apply to me' are not included in the denominator.

Continued...

Reasons students gave for not getting enough time with their father <sup>1,2</sup> (table 2 of 2)

|                     | He's at work  |                     | He's out      |                     | He is busy with household, other children or other family members |                     | He chooses not to spend time with me |                     | I choose not to spend time with him |                     | I don't live with him |                     |
|---------------------|---------------|---------------------|---------------|---------------------|---|---------------------|--------------------------------------|---------------------|-------------------------------------|---------------------|-----------------------|---------------------|
|                     | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)   | % 95% CI            | n (N)                                | % 95% CI            | n (N)                               | % 95% CI            | n (N)                 | % 95% CI            |
| <b>Total</b>        | 3,472 (4,914) | 70.7<br>69.1 - 72.2 | 1,068 (4,914) | 21.8<br>20.7 - 22.9 | 1,138 (4,914)   | 23.1<br>21.6 - 24.7 | 546 (4,914)                          | 11.1<br>10.0 - 12.2 | 947 (4,914)                         | 19.3<br>18.4 - 20.2 | 1,346 (4,914)         | 27.3<br>25.4 - 29.2 |
| <b>By sex</b>       |               |                     |               |                     |   |                     |                                      |                     |                                     |                     |                       |                     |
| Male                | 1,407 (2,070) | 67.9<br>65.5 - 70.3 | 425 (2,070)   | 20.6<br>18.9 - 22.2 | 405 (2,070)   | 19.5<br>17.5 - 21.5 | 193 (2,070)                          | 9.3<br>8.0 - 10.6   | 392 (2,070)                         | 19.0<br>17.4 - 20.5 | 555 (2,070)           | 26.7<br>24.5 - 28.9 |
| Female              | 2,064 (2,843) | 72.6<br>70.5 - 74.8 | 642 (2,843)   | 22.6<br>21.0 - 24.2 | 732 (2,843)   | 25.8<br>23.9 - 27.6 | 352 (2,843)                          | 12.4<br>10.9 - 13.9 | 554 (2,843)                         | 19.5<br>18.3 - 20.8 | 791 (2,843)           | 27.8<br>25.6 - 30.1 |
| <b>By age</b>       |               |                     |               |                     |   |                     |                                      |                     |                                     |                     |                       |                     |
| 13 or less          | 734 (1,020)   | 72.0<br>69.0 - 75.0 | 213 (1,020)   | 20.8<br>18.4 - 23.2 | 242 (1,020)   | 23.7<br>20.2 - 27.2 | 81 (1,020)                           | 7.9<br>6.0 - 9.9    | 141 (1,020)                         | 13.8<br>11.8 - 15.8 | 254 (1,020)           | 24.8<br>21.9 - 27.6 |
| 14                  | 744 (1,071)   | 69.3<br>66.0 - 72.6 | 224 (1,071)   | 21.0<br>18.6 - 23.4 | 231 (1,071)   | 21.5<br>18.7 - 24.2 | 102 (1,071)                          | 9.5<br>7.6 - 11.4   | 172 (1,071)                         | 16.2<br>14.1 - 18.3 | 297 (1,071)           | 27.8<br>24.7 - 30.9 |
| 15                  | 721 (1,030)   | 70.3<br>67.4 - 73.1 | 238 (1,030)   | 23.3<br>20.7 - 25.9 | 275 (1,030)   | 26.7<br>24.0 - 29.3 | 133 (1,030)                          | 13.0<br>10.9 - 15.1 | 211 (1,030)                         | 20.4<br>18.1 - 22.8 | 284 (1,030)           | 27.5<br>24.3 - 30.7 |
| 16                  | 695 (960)     | 72.3<br>69.6 - 75.1 | 223 (960)     | 23.1<br>20.8 - 25.5 | 219 (960)   | 22.8<br>20.4 - 25.2 | 130 (960)                            | 13.5<br>11.3 - 15.7 | 243 (960)                           | 25.3<br>22.6 - 28.1 | 249 (960)             | 25.8<br>22.5 - 29.2 |
| 17 or older         | 572 (827)     | 69.2<br>66.2 - 72.1 | 168 (827)     | 20.4<br>17.8 - 22.9 | 171 (827)   | 20.8<br>18.1 - 23.4 | 99 (827)                             | 12.0<br>9.7 - 14.4  | 179 (827)                           | 21.7<br>18.2 - 25.2 | 262 (827)             | 31.7<br>27.5 - 35.8 |
| <b>By NZDep2006</b> |               |                     |               |                     |   |                     |                                      |                     |                                     |                     |                       |                     |
| Low                 | 1,202 (1,542) | 78.0<br>75.8 - 80.2 | 341 (1,542)   | 22.1<br>20.3 - 23.9 | 323 (1,542)   | 20.9<br>18.5 - 23.2 | 176 (1,542)                          | 11.4<br>10.0 - 12.8 | 282 (1,542)                         | 18.3<br>16.3 - 20.4 | 329 (1,542)           | 21.3<br>18.9 - 23.8 |
| Medium              | 1,233 (1,776) | 69.3<br>67.2 - 71.4 | 393 (1,776)   | 22.2<br>20.5 - 23.8 | 399 (1,776)   | 22.4<br>20.7 - 24.1 | 209 (1,776)                          | 11.8<br>10.0 - 13.6 | 363 (1,776)                         | 20.5<br>18.8 - 22.1 | 536 (1,776)           | 30.2<br>28.1 - 32.4 |
| High                | 995 (1,534)   | 65.0<br>62.7 - 67.2 | 316 (1,534)   | 20.7<br>18.5 - 22.9 | 405 (1,534)   | 26.5<br>24.1 - 28.8 | 153 (1,534)                          | 10.0<br>8.2 - 11.8  | 288 (1,534)                         | 18.8<br>17.2 - 20.3 | 462 (1,534)           | 29.9<br>26.0 - 33.8 |
| <b>By geography</b> |               |                     |               |                     |   |                     |                                      |                     |                                     |                     |                       |                     |
| Urban               | 2,954 (4,197) | 70.4<br>68.7 - 72.0 | 902 (4,197)   | 21.5<br>20.4 - 22.7 | 980 (4,197)   | 23.3<br>21.7 - 25.0 | 456 (4,197)                          | 10.9<br>9.7 - 12.1  | 808 (4,197)                         | 19.2<br>18.3 - 20.2 | 1,152 (4,197)         | 27.5<br>25.3 - 29.6 |
| Rural               | 476 (655)     | 73.0<br>69.1 - 76.9 | 148 (655)     | 22.6<br>18.5 - 26.6 | 147 (655)   | 22.3<br>18.0 - 26.6 | 82 (655)                             | 12.5<br>9.3 - 15.7  | 125 (655)                           | 19.4<br>16.1 - 22.7 | 175 (655)             | 26.2<br>23.1 - 29.3 |

Notes:

1. Among students who do not get enough time with their father (i.e. sometimes or hardly ever get enough time).
2. Students could choose more than one response option.

## Contribution at Home

|                     |             | Do chores and help around the home for one hour or more each day |                     | Look after younger siblings for one hour or more each day |                     | Do extra work around the home because someone at home is disabled, sick, or can't do things |                     |
|---------------------|-------------|--|---------------------|---|---------------------|---|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 3,232<br>(8,090)   | 39.9<br>36.8 - 43.0 | 1,967<br>(8,090)  | 24.4<br>21.6 - 27.2 | 668<br>(8,185)  | 8.2<br>7.1 - 9.2    |
| <b>By sex</b>       | Male        | 1,403<br>(3,619)   | 38.7<br>35.3 - 42.1 | 745<br>(3,619)  | 20.7<br>17.6 - 23.7 | 265<br>(3,682)  | 7.2<br>6.0 - 8.4    |
|                     | Female      | 1,829<br>(4,469)   | 40.9<br>37.1 - 44.7 | 1,222<br>(4,469)  | 27.4<br>24.2 - 30.5 | 402<br>(4,501)  | 9.0<br>7.5 - 10.4   |
| <b>By age</b>       | 13 or less  | 713<br>(1,735)   | 41.0<br>37.5 - 44.5 | 388<br>(1,735)  | 22.4<br>19.1 - 25.7 | 131<br>(1,772)  | 7.4<br>5.9 - 9.0    |
|                     | 14          | 769<br>(1,812)   | 42.5<br>38.6 - 46.4 | 505<br>(1,812)  | 28.0<br>25.1 - 30.8 | 135<br>(1,833)  | 7.3<br>5.7 - 8.9    |
|                     | 15          | 640<br>(1,663)   | 38.5<br>34.9 - 42.1 | 451<br>(1,663)  | 27.2<br>23.9 - 30.5 | 146<br>(1,680)  | 8.7<br>6.9 - 10.5   |
|                     | 16          | 586<br>(1,507)   | 38.9<br>34.7 - 43.0 | 345<br>(1,507)  | 22.9<br>19.3 - 26.5 | 133<br>(1,518)  | 8.7<br>7.3 - 10.2   |
|                     | 17 or older | 520<br>(1,363)   | 38.0<br>33.6 - 42.4 | 275<br>(1,363)  | 20.2<br>16.3 - 24.1 | 121<br>(1,372)  | 8.9<br>7.2 - 10.6   |
| <b>By NZDep2006</b> | Low         | 828<br>(2,649)   | 31.2<br>28.9 - 33.5 | 432<br>(2,649)  | 16.3<br>14.9 - 17.7 | 144<br>(2,669)  | 5.4<br>4.3 - 6.5    |
|                     | Medium      | 1,095<br>(2,892)   | 37.8<br>35.3 - 40.3 | 637<br>(2,892)  | 22.1<br>20.3 - 23.8 | 215<br>(2,929)  | 7.4<br>6.3 - 8.5    |
|                     | High        | 1,276<br>(2,460)   | 52.0<br>47.7 - 56.4 | 870<br>(2,460)  | 35.5<br>30.9 - 40.1 | 300<br>(2,494)  | 12.0<br>10.5 - 13.5 |
| <b>By geography</b> | Urban       | 2,696<br>(6,777)   | 39.8<br>36.3 - 43.3 | 1,700<br>(6,777)  | 25.1<br>21.9 - 28.3 | 580<br>(6,861)  | 8.5<br>7.3 - 9.6    |
|                     | Rural       | 503<br>(1,224)   | 40.9<br>37.2 - 44.7 | 239<br>(1,224)  | 19.6<br>17.3 - 21.8 | 79<br>(1,231)   | 6.4<br>4.7 - 8.2    |



## Family Background and Circumstances

|                     |             | Moved home 2 or more times in the last 12 months |                    | Neither parent working |                  | More than 2 people per bedroom |                    | No computer or laptop at home |                   |
|---------------------|-------------|--|--------------------|------------------------|------------------|--------------------------------|--------------------|-------------------------------|-------------------|
|                     |             | n (N)  | % 95% CI           | n (N)                  | % 95% CI         | n (N)                          | % 95% CI           | n (N)                         | % 95% CI          |
| <b>Total</b>        |             | 623<br>(8,479)                                   | 7.3<br>6.5 - 8.1   | 301<br>(8,345)         | 3.6<br>2.7 - 4.5 | 465<br>(8,477)                 | 5.5<br>3.5 - 7.4   | 372<br>(8,433)                | 4.4<br>3.1 - 5.7  |
| <b>By sex</b>       | Male        | 280<br>(3,864)                                   | 7.2<br>6.1 - 8.2   | 141<br>(3,801)         | 3.7<br>2.7 - 4.7 | 207<br>(3,861)                 | 5.3<br>3.2 - 7.4   | 169<br>(3,834)                | 4.4<br>3.0 - 5.8  |
|                     | Female      | 342<br>(4,612)                                   | 7.4<br>6.4 - 8.4   | 158<br>(4,541)         | 3.5<br>2.5 - 4.4 | 258<br>(4,613)                 | 5.6<br>3.5 - 7.7   | 202<br>(4,596)                | 4.4<br>2.8 - 5.9  |
| <b>By age</b>       | 13 or less  | 148<br>(1,834)                                   | 8.0<br>6.5 - 9.4   | 63<br>(1,799)          | 3.5<br>2.6 - 4.4 | 103<br>(1,831)                 | 5.6<br>3.3 - 8.0   | 103<br>(1,824)                | 5.7<br>3.6 - 7.7  |
|                     | 14          | 165<br>(1,893)                                   | 8.7<br>7.5 - 9.8   | 59<br>(1,861)          | 3.2<br>2.3 - 4.1 | 118<br>(1,894)                 | 6.2<br>3.6 - 8.9   | 85<br>(1,881)                 | 4.5<br>2.7 - 6.3  |
|                     | 15          | 128<br>(1,751)                                   | 7.3<br>6.0 - 8.5   | 70<br>(1,720)          | 4.1<br>2.6 - 5.6 | 96<br>(1,753)                  | 5.5<br>3.2 - 7.8   | 85<br>(1,740)                 | 4.8<br>3.2 - 6.4  |
|                     | 16          | 92<br>(1,572)                                    | 5.8<br>4.7 - 7.0   | 56<br>(1,552)          | 3.6<br>2.2 - 4.9 | 86<br>(1,572)                  | 5.5<br>3.5 - 7.4   | 57<br>(1,565)                 | 3.6<br>2.2 - 5.1  |
|                     | 17 or older | 89<br>(1,418)                                    | 6.3<br>4.8 - 7.8   | 52<br>(1,402)          | 3.7<br>2.3 - 5.1 | 62<br>(1,416)                  | 4.4<br>2.7 - 6.0   | 41<br>(1,412)                 | 2.9<br>1.7 - 4.0  |
| <b>By NZDep2006</b> | Low         | 136<br>(2,716)                                   | 5.0<br>4.3 - 5.8   | 35<br>(2,707)          | 1.3<br>0.8 - 1.8 | 37<br>(2,714)                  | 1.4<br>0.9 - 1.9   | 21<br>(2,713)                 | 0.8<br>0.4 - 1.1  |
|                     | Medium      | 198<br>(2,998)                                   | 6.6<br>5.7 - 7.6   | 81<br>(2,951)          | 2.8<br>2.1 - 3.5 | 97<br>(2,997)                  | 3.3<br>2.4 - 4.2   | 90<br>(2,990)                 | 3.0<br>2.3 - 3.7  |
|                     | High        | 276<br>(2,662)                                   | 10.2<br>8.7 - 11.7 | 182<br>(2,585)         | 7.0<br>5.4 - 8.6 | 320<br>(2,663)                 | 12.0<br>8.2 - 15.8 | 253<br>(2,629)                | 9.6<br>7.0 - 12.2 |
| <b>By geography</b> | Urban       | 532<br>(7,104)                                   | 7.5<br>6.6 - 8.4   | 269<br>(6,984)         | 3.9<br>2.9 - 4.8 | 421<br>(7,103)                 | 5.9<br>3.7 - 8.2   | 328<br>(7,064)                | 4.6<br>3.1 - 6.2  |
|                     | Rural       | 78<br>(1,272)                                    | 5.9<br>4.3 - 7.5   | 29<br>(1,259)          | 2.2<br>1.2 - 3.1 | 33<br>(1,271)                  | 2.4<br>1.4 - 3.4   | 36<br>(1,268)                 | 2.7<br>1.7 - 3.6  |

## Parents worry about not having enough money for food<sup>1</sup>

|                     |             | Often or all the time |                     | Sometimes or occasionally |                     | Never            |                     |
|---------------------|-------------|-----------------------|---------------------|---------------------------|---------------------|------------------|---------------------|
|                     |             | n (N)                 | % 95% CI            | n (N)                     | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>        |             | 920<br>(7,986)        | 11.5<br>9.8 - 13.2  | 2,621<br>(7,986)          | 32.8<br>31.0 - 34.7 | 4,445<br>(7,986) | 55.7<br>52.5 - 58.8 |
| <b>By sex</b>       | Male        | 396<br>(3,647)        | 10.8<br>9.1 - 12.6  | 1,189<br>(3,647)          | 32.6<br>30.6 - 34.7 | 2,062<br>(3,647) | 56.5<br>53.3 - 59.8 |
|                     | Female      | 523<br>(4,336)        | 12.1<br>9.9 - 14.2  | 1,432<br>(4,336)          | 33.0<br>30.4 - 35.7 | 2,381<br>(4,336) | 54.9<br>50.6 - 59.2 |
| <b>By age</b>       | 13 or less  | 213<br>(1,691)        | 12.7<br>10.7 - 14.7 | 627<br>(1,691)            | 37.1<br>34.3 - 39.9 | 851<br>(1,691)   | 50.2<br>46.8 - 53.7 |
|                     | 14          | 230<br>(1,791)        | 12.7<br>10.3 - 15.2 | 642<br>(1,791)            | 36.0<br>33.0 - 39.0 | 919<br>(1,791)   | 51.3<br>47.2 - 55.3 |
|                     | 15          | 198<br>(1,651)        | 12.0<br>10.0 - 14.0 | 553<br>(1,651)            | 33.5<br>30.7 - 36.4 | 900<br>(1,651)   | 54.5<br>50.4 - 58.5 |
|                     | 16          | 162<br>(1,500)        | 10.8<br>8.4 - 13.2  | 445<br>(1,500)            | 29.6<br>27.0 - 32.3 | 893<br>(1,500)   | 59.6<br>55.7 - 63.4 |
|                     | 17 or older | 116<br>(1,342)        | 8.6<br>6.5 - 10.8   | 349<br>(1,342)            | 25.9<br>23.3 - 28.5 | 877<br>(1,342)   | 65.5<br>61.6 - 69.4 |
| <b>By NZDep2006</b> | Low         | 157<br>(2,576)        | 6.1<br>4.9 - 7.2    | 656<br>(2,576)            | 25.5<br>23.5 - 27.6 | 1,763<br>(2,576) | 68.4<br>65.8 - 71.0 |
|                     | Medium      | 291<br>(2,825)        | 10.3<br>8.8 - 11.8  | 936<br>(2,825)            | 33.2<br>30.7 - 35.6 | 1,598<br>(2,825) | 56.5<br>53.4 - 59.6 |
|                     | High        | 459<br>(2,487)        | 18.4<br>15.8 - 21.1 | 1,004<br>(2,487)          | 40.4<br>38.0 - 42.8 | 1,024<br>(2,487) | 41.2<br>37.3 - 45.0 |
| <b>By geography</b> | Urban       | 824<br>(6,684)        | 12.3<br>10.5 - 14.2 | 2,229<br>(6,684)          | 33.4<br>31.3 - 35.4 | 3,631<br>(6,684) | 54.3<br>50.8 - 57.8 |
|                     | Rural       | 83<br>(1,204)         | 6.7<br>5.2 - 8.2    | 367<br>(1,204)            | 30.3<br>27.0 - 33.7 | 754<br>(1,204)   | 63.0<br>59.0 - 66.9 |

Note: 1. Students who responded 'I don't know' are not included in the denominator.

## Places other than bedrooms used as bedrooms

|                     |             | Living room      |                     | Garage         |                    | Caravan        |                  | Other rooms that aren't bedrooms |                  |
|---------------------|-------------|------------------|---------------------|----------------|--------------------|----------------|------------------|----------------------------------|------------------|
|                     |             | n (N)            | % 95% CI            | n (N)          | % 95% CI           | n (N)          | % 95% CI         | n (N)                            | % 95% CI         |
| <b>Total</b>        |             | 1,031<br>(8,460) | 12.1<br>9.9 - 14.3  | 520<br>(8,460) | 6.2<br>4.8 - 7.6   | 113<br>(8,460) | 1.3<br>1.0 - 1.7 | 643<br>(8,460)                   | 7.6<br>6.9 - 8.2 |
| <b>By sex</b>       | Male        | 560<br>(3,848)   | 14.5<br>12.1 - 16.9 | 271<br>(3,848) | 7.1<br>5.3 - 8.8   | 79<br>(3,848)  | 2.0<br>1.4 - 2.6 | 318<br>(3,848)                   | 8.2<br>7.2 - 9.2 |
|                     | Female      | 470<br>(4,609)   | 10.2<br>7.7 - 12.7  | 249<br>(4,609) | 5.4<br>3.9 - 7.0   | 34<br>(4,609)  | 0.7<br>0.5 - 1.0 | 325<br>(4,609)                   | 7.0<br>6.2 - 7.8 |
| <b>By age</b>       | 13 or less  | 245<br>(1,822)   | 13.4<br>11.0 - 15.9 | 97<br>(1,822)  | 5.4<br>3.6 - 7.2   | 27<br>(1,822)  | 1.5<br>0.8 - 2.1 | 125<br>(1,822)                   | 6.9<br>5.8 - 8.0 |
|                     | 14          | 234<br>(1,888)   | 12.3<br>9.9 - 14.6  | 131<br>(1,888) | 6.9<br>5.4 - 8.4   | 21<br>(1,888)  | 1.1<br>0.6 - 1.6 | 162<br>(1,888)                   | 8.6<br>7.3 - 9.9 |
|                     | 15          | 198<br>(1,752)   | 11.3<br>8.4 - 14.2  | 109<br>(1,752) | 6.3<br>4.4 - 8.1   | 21<br>(1,752)  | 1.2<br>0.7 - 1.7 | 133<br>(1,752)                   | 7.6<br>6.3 - 8.8 |
|                     | 16          | 182<br>(1,571)   | 11.5<br>9.0 - 14.1  | 106<br>(1,571) | 6.8<br>5.2 - 8.4   | 26<br>(1,571)  | 1.7<br>1.0 - 2.3 | 111<br>(1,571)                   | 7.0<br>5.7 - 8.3 |
|                     | 17 or older | 170<br>(1,416)   | 11.9<br>9.0 - 14.9  | 77<br>(1,416)  | 5.4<br>3.5 - 7.4   | 18<br>(1,416)  | 1.2<br>0.6 - 1.9 | 111<br>(1,416)                   | 7.7<br>6.1 - 9.4 |
| <b>By NZDep2006</b> | Low         | 148<br>(2,710)   | 5.5<br>4.5 - 6.5    | 85<br>(2,710)  | 3.2<br>2.4 - 3.9   | 28<br>(2,710)  | 1.1<br>0.6 - 1.5 | 215<br>(2,710)                   | 8.0<br>6.8 - 9.1 |
|                     | Medium      | 267<br>(2,988)   | 8.9<br>7.7 - 10.2   | 160<br>(2,988) | 5.4<br>4.2 - 6.5   | 43<br>(2,988)  | 1.4<br>0.9 - 2.0 | 231<br>(2,988)                   | 7.7<br>6.6 - 8.7 |
|                     | High        | 593<br>(2,659)   | 22.2<br>18.9 - 25.5 | 266<br>(2,659) | 10.1<br>7.5 - 12.7 | 41<br>(2,659)  | 1.5<br>1.0 - 2.0 | 186<br>(2,659)                   | 6.9<br>5.9 - 8.0 |
| <b>By geography</b> | Urban       | 916<br>(7,088)   | 12.9<br>10.5 - 15.3 | 454<br>(7,088) | 6.4<br>4.8 - 8.1   | 86<br>(7,088)  | 1.2<br>0.9 - 1.6 | 535<br>(7,088)                   | 7.6<br>6.8 - 8.3 |
|                     | Rural       | 92<br>(1,269)    | 6.8<br>4.8 - 8.7    | 57<br>(1,269)  | 4.4<br>3.2 - 5.6   | 26<br>(1,269)  | 2.0<br>1.2 - 2.8 | 97<br>(1,269)                    | 7.5<br>5.9 - 9.0 |

# Home and Family Comparisons 2001 – 2012

## Parental relationships

| Students who feel that at least one parent cares about them a lot                   |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total   |        | 8,662<br>(9,341) | 92.7<br>92.0 - 93.4 | 8,052<br>(8,916) | 90.3<br>89.6 - 91.1 | 7,776<br>(8,363) | 93.0<br>92.3 - 93.7 |
| By sex  | Male   | 3,984<br>(4,280) | 93.1<br>92.1 - 94.0 | 4,367<br>(4,809) | 90.8<br>89.8 - 91.8 | 3,520<br>(3,789) | 92.9<br>92.0 - 93.8 |
|   | Female | 4,678<br>(5,061) | 92.4<br>91.6 - 93.2 | 3,685<br>(4,107) | 89.8<br>88.8 - 90.8 | 4,253<br>(4,571) | 93.1<br>92.1 - 94.1 |
| Students who get enough time with at least one parent most of the time <sup>1</sup> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total   |        | 5,752<br>(9,311) | 61.8<br>60.5 - 63.1 | 5,024<br>(8,895) | 56.5<br>55.1 - 58.0 | 4,916<br>(8,438) | 58.3<br>56.6 - 60.0 |
| By sex  | Male   | 2,692<br>(4,278) | 62.9<br>60.9 - 64.9 | 2,966<br>(4,798) | 61.8<br>60.0 - 63.6 | 2,368<br>(3,838) | 61.7<br>59.9 - 63.5 |
|   | Female | 3,060<br>(5,033) | 60.9<br>59.3 - 62.6 | 2,058<br>(4,097) | 50.3<br>48.5 - 52.1 | 2,547<br>(4,598) | 55.4<br>53.2 - 57.6 |

Note:

1. The question format and response options changed between 2001 and 2007/2012. In 2001 students were asked 'Most weeks you get enough time to spend with your mum/dad (or someone who acts as your mum/dad)?, whereas in 2007/2012 students were asked 'Do you get to spend enough time with her/him (your mum/dad or the person who acts as your mum/dad)?' In 2001 the response options were: Always, Sometimes, Hardly ever, Almost never, and Does not apply to me. In 2007/2012 the response options were: Most of the time, Sometimes, Hardly ever, and Does not apply to me.

## Contribution at home

| Do chores at home for one hour or more each day <sup>1</sup>   |        | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total  |        | 3,082<br>(8,504) | 36.2<br>33.4 - 39.0 | 3,232<br>(8,090) | 39.9<br>36.8 - 43.0 |
| By sex   | Male   | 1,575<br>(4,540) | 34.6<br>30.9 - 38.3 | 1,403<br>(3,619) | 38.7<br>35.3 - 42.1 |
|  | Female | 1,507<br>(3,964) | 38.1<br>35.1 - 41.0 | 1,829<br>(4,469) | 40.9<br>37.1 - 44.7 |
| Look after younger family members for one hour or more each day <sup>1</sup>                             |        | 2007             |                     | 2012             |                     |
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total  |        | 1,631<br>(8,460) | 19.3<br>17.2 - 21.4 | 1,967<br>(8,090) | 24.4<br>21.6 - 27.2 |
| By sex   | Male   | 716<br>(4,502)   | 15.9<br>13.8 - 18.0 | 745<br>(3,619)   | 20.7<br>17.6 - 23.7 |
|  | Female | 915<br>(3,958)   | 23.2<br>20.4 - 26.0 | 1,222<br>(4,469) | 27.4<br>24.2 - 30.5 |
| Do extra work around the home because someone at home is disabled, sick, or can't do things <sup>1</sup> |        | 2007             |                     | 2012             |                     |
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total  |        | 512<br>(8,402)   | 6.1<br>5.4 - 6.7    | 668<br>(8,185)   | 8.2<br>7.1 - 9.2    |
| By sex   | Male   | 247<br>(4,474)   | 5.5<br>4.7 - 6.2    | 265<br>(3,682)   | 7.2<br>6.0 - 8.4    |
|  | Female | 265<br>(3,928)   | 6.8<br>5.8 - 7.7    | 402<br>(4,501)   | 9.0<br>7.5 - 10.4   |

Note: 1. Not asked in 2001.

## Family background and circumstances

| Student has moved home 2 or more times in last 12 months)                               |        | 2001             |                     | 2007             |                     | 2012           |                    |
|---|--------|------------------|---------------------|------------------|---------------------|----------------|--------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)          | % 95% CI           |
| <b>Total</b>  |        | 1,032<br>(9,379) | 11.0<br>9.9 - 12.1  | 1,143<br>(8,939) | 12.8<br>11.7 - 13.9 | 623<br>(8,479) | 7.3<br>6.5 - 8.1   |
| <b>By sex</b>   | Male   | 418<br>(4,307)   | 9.8<br>8.4 - 11.1   | 577<br>(4,822)   | 12.0<br>10.7 - 13.3 | 280<br>(3,864) | 7.2<br>6.1 - 8.2   |
|   | Female | 614<br>(5,072)   | 12.1<br>10.7 - 13.4 | 566<br>(4,117)   | 13.8<br>12.4 - 15.2 | 342<br>(4,612) | 7.4<br>6.4 - 8.4   |
| Parents worry often or all the time about not having enough money for food <sup>1</sup> |        | 2001             |                     | 2007             |                     | 2012           |                    |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)          | % 95% CI           |
| <b>Total</b>  |        | 663<br>(8,592)   | 7.7<br>6.9 - 8.6    | 660<br>(8,431)   | 7.8<br>6.8 - 8.8    | 920<br>(7,986) | 11.5<br>9.8 - 13.2 |
| <b>By sex</b>   | Male   | 269<br>(3,934)   | 6.9<br>6.0 - 7.8    | 307<br>(4,561)   | 6.7<br>5.4 - 7.9    | 396<br>(3,647) | 10.8<br>9.1 - 12.6 |
|   | Female | 394<br>(4,658)   | 8.5<br>7.3 - 9.7    | 353<br>(3,870)   | 9.1<br>7.8 - 10.4   | 523<br>(4,336) | 12.1<br>9.9 - 14.2 |
| More than 2 people per bedroom <sup>2</sup>   |        | 2001             |                     | 2007             |                     | 2012           |                    |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)          | % 95% CI           |
| <b>Total</b>  |        | 446<br>(9,354)   | 4.9<br>3.5 - 6.3    | 427<br>(8,936)   | 4.8<br>3.5 - 6.1    | 465<br>(8,477) | 5.5<br>3.5 - 7.4   |
| <b>By sex</b>   | Male   | 184<br>(4,296)   | 4.4<br>3.1 - 5.7    | 221<br>(4,822)   | 4.6<br>3.2 - 5.9    | 207<br>(3,861) | 5.3<br>3.2 - 7.4   |
|   | Female | 262<br>(5,058)   | 5.3<br>3.5 - 7.1    | 206<br>(4,114)   | 5.0<br>3.4 - 6.6    | 258<br>(4,613) | 5.6<br>3.5 - 7.7   |

### Notes:

1. In 2001 students were able to respond 'Does not apply to me'. This response option was not available in 2007 and 2012.
2. In 2007 students who lived in two or more homes were asked about the number of people living in their main home and their second home. Crowding was defined as either home having more than 2 people per bedroom.

# School

This section includes questions on students' perceptions of school, relationships with school staff, the academic orientation of students, family participation in schooling, truancy, and students' plans following secondary school. It also includes the question of students feeling safe at school and the issue of bullying.

## School Connectedness

### Number of secondary schools attended since started Year 9

|                     |             | One              |                     | Two              |                     | Three or more  |                  |
|---------------------|-------------|------------------|---------------------|------------------|---------------------|----------------|------------------|
|                     |             | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)       | %<br>95% CI      |
| <b>Total</b>        |             | 6,942<br>(8,482) | 82.0<br>79.9 - 84.0 | 1,129<br>(8,482) | 13.2<br>11.6 - 14.8 | 411<br>(8,482) | 4.8<br>4.1 - 5.5 |
| <b>By sex</b>       | Male        | 3,137<br>(3,865) | 81.3<br>78.8 - 83.9 | 525<br>(3,865)   | 13.5<br>11.4 - 15.6 | 203<br>(3,865) | 5.2<br>4.4 - 6.0 |
|                     | Female      | 3,803<br>(4,615) | 82.5<br>80.4 - 84.7 | 604<br>(4,615)   | 13.0<br>11.4 - 14.7 | 208<br>(4,615) | 4.4<br>3.7 - 5.2 |
| <b>By age</b>       | 13 or less  | 1,561<br>(1,835) | 85.1<br>83.3 - 86.8 | 162<br>(1,835)   | 8.8<br>7.4 - 10.3   | 112<br>(1,835) | 6.1<br>5.0 - 7.2 |
|                     | 14          | 1,648<br>(1,894) | 87.2<br>85.6 - 88.8 | 178<br>(1,894)   | 9.3<br>8.0 - 10.6   | 68<br>(1,894)  | 3.6<br>2.6 - 4.5 |
|                     | 15          | 1,430<br>(1,752) | 81.8<br>79.1 - 84.5 | 255<br>(1,752)   | 14.4<br>11.9 - 16.9 | 67<br>(1,752)  | 3.8<br>2.8 - 4.7 |
|                     | 16          | 1,243<br>(1,573) | 79.2<br>75.1 - 83.2 | 258<br>(1,573)   | 16.3<br>13.0 - 19.6 | 72<br>(1,573)  | 4.5<br>3.2 - 5.9 |
|                     | 17 or older | 1,054<br>(1,418) | 74.5<br>69.8 - 79.3 | 273<br>(1,418)   | 19.2<br>16.1 - 22.4 | 91<br>(1,418)  | 6.2<br>4.0 - 8.5 |
| <b>By NZDep2006</b> | Low         | 2,274<br>(2,716) | 83.7<br>81.2 - 86.3 | 350<br>(2,716)   | 12.9<br>10.6 - 15.1 | 92<br>(2,716)  | 3.4<br>2.7 - 4.1 |
|                     | Medium      | 2,502<br>(2,997) | 83.6<br>81.7 - 85.4 | 344<br>(2,997)   | 11.4<br>9.9 - 13.0  | 151<br>(2,997) | 5.0<br>4.1 - 5.9 |
|                     | High        | 2,089<br>(2,666) | 78.6<br>75.4 - 81.9 | 422<br>(2,666)   | 15.7<br>13.5 - 17.9 | 155<br>(2,666) | 5.7<br>4.3 - 7.1 |
| <b>By geography</b> | Urban       | 5,791<br>(7,107) | 81.6<br>79.2 - 83.9 | 967<br>(7,107)   | 13.6<br>11.7 - 15.4 | 349<br>(7,107) | 4.9<br>4.2 - 5.6 |
|                     | Rural       | 1,074<br>(1,272) | 84.8<br>82.7 - 86.9 | 149<br>(1,272)   | 11.5<br>9.6 - 13.4  | 49<br>(1,272)  | 3.7<br>2.6 - 4.8 |

## How students feel about school

|                     |             | Student likes school a lot |                     | Student likes school a bit or thinks it's OK |                     | Student doesn't like school |                     |
|---------------------|-------------|----------------------------|---------------------|--|---------------------|-----------------------------|---------------------|
|                     |             | n (N)                      | % 95% CI            | n (N)  | % 95% CI            | n (N)                       | % 95% CI            |
| <b>Total</b>        |             | 2,468<br>(8,484)           | 29.1<br>26.4 - 31.9 | 5,185<br>(8,484)                             | 61.1<br>59.0 - 63.1 | 831<br>(8,484)              | 9.8<br>8.7 - 10.9   |
| <b>By sex</b>       | Male        | 1,019<br>(3,867)           | 26.3<br>23.1 - 29.6 | 2,472<br>(3,867)                             | 63.9<br>61.4 - 66.4 | 376<br>(3,867)              | 9.7<br>8.3 - 11.1   |
|                     | Female      | 1,448<br>(4,615)           | 31.5<br>28.6 - 34.3 | 2,712<br>(4,615)                             | 58.7<br>56.5 - 60.8 | 455<br>(4,615)              | 9.9<br>8.6 - 11.2   |
| <b>By age</b>       | 13 or less  | 621<br>(1,836)             | 33.9<br>30.3 - 37.6 | 1,100<br>(1,836)                             | 59.8<br>56.9 - 62.7 | 115<br>(1,836)              | 6.3<br>4.8 - 7.7    |
|                     | 14          | 514<br>(1,895)             | 27.1<br>23.6 - 30.7 | 1,199<br>(1,895)                             | 63.3<br>60.2 - 66.4 | 182<br>(1,895)              | 9.6<br>7.9 - 11.2   |
|                     | 15          | 471<br>(1,754)             | 26.9<br>23.7 - 30.0 | 1,080<br>(1,754)                             | 61.5<br>58.4 - 64.6 | 203<br>(1,754)              | 11.6<br>9.9 - 13.3  |
|                     | 16          | 429<br>(1,573)             | 27.4<br>24.4 - 30.3 | 950<br>(1,573)                               | 60.3<br>57.7 - 62.8 | 194<br>(1,573)              | 12.3<br>10.4 - 14.3 |
|                     | 17 or older | 429<br>(1,416)             | 30.3<br>26.4 - 34.2 | 850<br>(1,416)                               | 60.1<br>56.6 - 63.5 | 137<br>(1,416)              | 9.6<br>7.8 - 11.5   |
| <b>By NZDep2006</b> | Low         | 742<br>(2,717)             | 27.3<br>24.6 - 30.0 | 1,688<br>(2,717)                             | 62.2<br>59.7 - 64.6 | 287<br>(2,717)              | 10.5<br>9.2 - 11.8  |
|                     | Medium      | 811<br>(2,998)             | 27.1<br>24.6 - 29.7 | 1,873<br>(2,998)                             | 62.4<br>60.1 - 64.8 | 314<br>(2,998)              | 10.4<br>9.0 - 11.9  |
|                     | High        | 889<br>(2,666)             | 33.4<br>28.2 - 38.6 | 1,565<br>(2,666)                             | 58.6<br>54.7 - 62.5 | 212<br>(2,666)              | 8.0<br>6.2 - 9.8    |
| <b>By geography</b> | Urban       | 2,143<br>(7,110)           | 30.2<br>27.1 - 33.2 | 4,296<br>(7,110)                             | 60.4<br>58.2 - 62.6 | 671<br>(7,110)              | 9.5<br>8.2 - 10.7   |
|                     | Rural       | 299<br>(1,271)             | 23.6<br>21.1 - 26.1 | 830<br>(1,271)                               | 65.4<br>62.4 - 68.3 | 142<br>(1,271)              | 11.0<br>9.3 - 12.7  |



## School engagement

|                     |             | Feel part of their school |                     | Somewhat or very important to students that they attend school |                     | Students who have waggged or skipped school for a whole day in the last 12 months |                     |
|---------------------|-------------|---------------------------|---------------------|--|---------------------|---|---------------------|
|                     |             | n (N)                     | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 7,401<br>(8,474)          | 87.3<br>86.1 - 88.5 | 8,076<br>(8,476)   | 95.3<br>94.6 - 96.0 | 1,924<br>(8,463)  | 22.7<br>20.7 - 24.7 |
| <b>By sex</b>       | Male        | 3,378<br>(3,863)          | 87.4<br>86.1 - 88.7 | 3,655<br>(3,865)   | 94.6<br>93.5 - 95.7 | 905<br>(3,857)  | 23.4<br>21.4 - 25.5 |
|                     | Female      | 4,022<br>(4,609)          | 87.2<br>85.7 - 88.8 | 4,419<br>(4,609)   | 95.9<br>95.2 - 96.6 | 1,018<br>(4,604)  | 22.0<br>19.2 - 24.9 |
| <b>By age</b>       | 13 or less  | 1,662<br>(1,831)          | 90.8<br>89.3 - 92.3 | 1,753<br>(1,832)   | 95.7<br>94.7 - 96.7 | 258<br>(1,828)  | 14.0<br>11.5 - 16.6 |
|                     | 14          | 1,677<br>(1,893)          | 88.5<br>86.7 - 90.4 | 1,785<br>(1,895)   | 94.2<br>92.8 - 95.6 | 365<br>(1,891)  | 19.2<br>16.5 - 22.0 |
|                     | 15          | 1,502<br>(1,753)          | 85.6<br>83.9 - 87.4 | 1,667<br>(1,751)   | 95.2<br>94.1 - 96.3 | 408<br>(1,750)  | 23.3<br>20.5 - 26.1 |
|                     | 16          | 1,325<br>(1,571)          | 84.3<br>82.1 - 86.5 | 1,498<br>(1,573)   | 95.2<br>94.1 - 96.3 | 445<br>(1,569)  | 28.3<br>25.2 - 31.4 |
|                     | 17 or older | 1,225<br>(1,416)          | 86.4<br>84.2 - 88.6 | 1,363<br>(1,415)   | 96.3<br>95.3 - 97.3 | 446<br>(1,415)  | 31.4<br>28.6 - 34.3 |
| <b>By NZDep2006</b> | Low         | 2,361<br>(2,714)          | 86.9<br>85.7 - 88.1 | 2,591<br>(2,716)   | 95.4<br>94.5 - 96.4 | 467<br>(2,712)  | 17.3<br>15.2 - 19.4 |
|                     | Medium      | 2,567<br>(2,997)          | 85.7<br>84.0 - 87.3 | 2,838<br>(2,995)   | 94.8<br>93.8 - 95.8 | 622<br>(2,992)  | 20.8<br>18.6 - 22.9 |
|                     | High        | 2,391<br>(2,662)          | 89.8<br>87.9 - 91.8 | 2,555<br>(2,665)   | 95.9<br>94.7 - 97.0 | 804<br>(2,659)  | 30.1<br>27.3 - 32.8 |
| <b>By geography</b> | Urban       | 6,208<br>(7,103)          | 87.4<br>86.0 - 88.7 | 6,784<br>(7,104)   | 95.5<br>94.7 - 96.2 | 1,619<br>(7,094)  | 22.8<br>20.7 - 25.0 |
|                     | Rural       | 1,111<br>(1,270)          | 87.6<br>86.0 - 89.1 | 1,200<br>(1,272)   | 94.4<br>93.0 - 95.9 | 274<br>(1,269)  | 21.2<br>17.9 - 24.4 |

## What students enjoy most about school<sup>1</sup> (table 1 of 2)

|                      |             | Hanging out with friends |                     | School work      |                     | Sports           |                     | Kapa-haka or cultural activities |                     |
|----------------------|-------------|--------------------------|---------------------|------------------|---------------------|------------------|---------------------|----------------------------------|---------------------|
|                      |             | n (N)                    | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)                            | % 95% CI            |
| <b>Total</b>         |             | 7,868<br>(8,485)         | 92.8<br>92.0 - 93.5 | 2,710<br>(8,485) | 32.0<br>28.5 - 35.5 | 4,693<br>(8,485) | 55.2<br>52.9 - 57.6 | 879<br>(8,485)                   | 10.3<br>8.1 - 12.5  |
| <b>By sex</b>        | Male        | 3,538<br>(3,869)         | 91.5<br>90.3 - 92.7 | 1,071<br>(3,869) | 27.7<br>23.9 - 31.4 | 2,488<br>(3,869) | 64.3<br>61.5 - 67.1 | 297<br>(3,869)                   | 7.6<br>5.5 - 9.6    |
|                      | Female      | 4,328<br>(4,614)         | 93.8<br>93.1 - 94.6 | 1,638<br>(4,614) | 35.6<br>31.9 - 39.3 | 2,204<br>(4,614) | 47.6<br>45.4 - 49.8 | 581<br>(4,614)                   | 12.6<br>9.7 - 15.5  |
| <b>By age</b>        | 13 or less  | 1,724<br>(1,836)         | 94.0<br>92.9 - 95.0 | 522<br>(1,836)   | 28.4<br>24.9 - 32.0 | 1,158<br>(1,836) | 62.9<br>60.1 - 65.7 | 219<br>(1,836)                   | 11.9<br>9.0 - 14.8  |
|                      | 14          | 1,756<br>(1,895)         | 92.8<br>91.5 - 94.1 | 539<br>(1,895)   | 28.5<br>24.0 - 33.1 | 1,160<br>(1,895) | 61.2<br>58.2 - 64.2 | 215<br>(1,895)                   | 11.3<br>8.3 - 14.3  |
|                      | 15          | 1,625<br>(1,754)         | 92.6<br>91.2 - 94.1 | 540<br>(1,754)   | 30.8<br>27.0 - 34.6 | 961<br>(1,754)   | 54.7<br>51.6 - 57.8 | 182<br>(1,754)                   | 10.4<br>8.0 - 12.7  |
|                      | 16          | 1,455<br>(1,573)         | 92.5<br>91.0 - 94.0 | 532<br>(1,573)   | 34.0<br>30.2 - 37.7 | 760<br>(1,573)   | 48.3<br>45.1 - 51.5 | 136<br>(1,573)                   | 8.6<br>6.6 - 10.5   |
|                      | 17 or older | 1,300<br>(1,417)         | 91.8<br>90.2 - 93.3 | 573<br>(1,417)   | 40.3<br>36.2 - 44.5 | 646<br>(1,417)   | 45.5<br>41.7 - 49.4 | 127<br>(1,417)                   | 8.8<br>6.0 - 11.5   |
| <b>By NZDep 2006</b> | Low         | 2,537<br>(2,717)         | 93.4<br>92.4 - 94.5 | 756<br>(2,717)   | 27.8<br>25.2 - 30.4 | 1,475<br>(2,717) | 54.3<br>51.5 - 57.1 | 110<br>(2,717)                   | 4.0<br>3.3 - 4.8    |
|                      | Medium      | 2,778<br>(2,998)         | 92.8<br>91.5 - 94.0 | 892<br>(2,998)   | 29.8<br>27.2 - 32.4 | 1,576<br>(2,998) | 52.5<br>50.1 - 55.0 | 218<br>(2,998)                   | 7.3<br>5.9 - 8.7    |
|                      | High        | 2,471<br>(2,668)         | 92.6<br>91.6 - 93.7 | 1,032<br>(2,668) | 38.9<br>31.9 - 45.8 | 1,587<br>(2,668) | 59.3<br>56.1 - 62.5 | 542<br>(2,668)                   | 20.2<br>16.6 - 23.8 |
| <b>By geography</b>  | Urban       | 6,595<br>(7,112)         | 92.8<br>92.0 - 93.5 | 2,328<br>(7,112) | 32.8<br>28.8 - 36.8 | 3,881<br>(7,112) | 54.5<br>51.9 - 57.1 | 774<br>(7,112)                   | 10.9<br>8.4 - 13.4  |
|                      | Rural       | 1,191<br>(1,271)         | 93.9<br>92.6 - 95.3 | 352<br>(1,271)   | 27.7<br>25.2 - 30.2 | 757<br>(1,271)   | 59.4<br>56.3 - 62.4 | 96<br>(1,271)                    | 7.1<br>4.9 - 9.2    |

Note: 1. Students could choose more than one response option.

Continued...

## What students enjoy most about school (table 2 of 2)

|                      |             | Other arts and/or music |                     | Being away from home |                     | Some other reason |                     | I don't enjoy school at all |                  |
|----------------------|-------------|-------------------------|---------------------|----------------------|---------------------|-------------------|---------------------|-----------------------------|------------------|
|                      |             | n (N)                   | % 95% CI            | n (N)                | % 95% CI            | n (N)             | % 95% CI            | n (N)                       | % 95% CI         |
| <b>Total</b>         |             | 2,816<br>(8,485)        | 33.1<br>31.1 - 35.1 | 1,476<br>(8,485)     | 17.4<br>15.8 - 19.0 | 1,305<br>(8,485)  | 15.5<br>14.6 - 16.3 | 176<br>(8,485)              | 2.1<br>1.7 - 2.5 |
| <b>By sex</b>        | Male        | 1,038<br>(3,869)        | 26.7<br>24.2 - 29.2 | 539<br>(3,869)       | 13.9<br>12.3 - 15.4 | 650<br>(3,869)    | 16.9<br>15.8 - 17.9 | 83<br>(3,869)               | 2.1<br>1.6 - 2.7 |
|                      | Female      | 1,777<br>(4,614)        | 38.5<br>36.3 - 40.6 | 936<br>(4,614)       | 20.3<br>18.1 - 22.5 | 655<br>(4,614)    | 14.3<br>13.1 - 15.4 | 93<br>(4,614)               | 2.0<br>1.6 - 2.4 |
| <b>By age</b>        | 13 or less  | 747<br>(1,836)          | 40.5<br>37.1 - 43.9 | 259<br>(1,836)       | 14.1<br>12.3 - 15.8 | 276<br>(1,836)    | 15.1<br>13.4 - 16.8 | 20<br>(1,836)               | 1.1<br>0.7 - 1.5 |
|                      | 14          | 679<br>(1,895)          | 35.8<br>32.7 - 38.8 | 321<br>(1,895)       | 16.9<br>14.7 - 19.1 | 272<br>(1,895)    | 14.5<br>12.6 - 16.5 | 40<br>(1,895)               | 2.1<br>1.4 - 2.8 |
|                      | 15          | 583<br>(1,754)          | 33.2<br>30.2 - 36.2 | 333<br>(1,754)       | 19.0<br>16.8 - 21.2 | 275<br>(1,754)    | 15.8<br>13.8 - 17.8 | 42<br>(1,754)               | 2.4<br>1.7 - 3.1 |
|                      | 16          | 445<br>(1,573)          | 28.3<br>25.5 - 31.0 | 309<br>(1,573)       | 19.5<br>16.7 - 22.4 | 240<br>(1,573)    | 15.2<br>13.4 - 17.1 | 36<br>(1,573)               | 2.3<br>1.5 - 3.2 |
|                      | 17 or older | 360<br>(1,417)          | 25.4<br>22.9 - 27.8 | 253<br>(1,417)       | 17.8<br>15.6 - 20.1 | 241<br>(1,417)    | 17.0<br>15.1 - 19.0 | 38<br>(1,417)               | 2.7<br>1.9 - 3.5 |
| <b>By NZDep 2006</b> | Low         | 829<br>(2,717)          | 30.4<br>27.3 - 33.4 | 365<br>(2,717)       | 13.4<br>11.9 - 14.8 | 352<br>(2,717)    | 13.0<br>11.7 - 14.3 | 55<br>(2,717)               | 2.0<br>1.5 - 2.5 |
|                      | Medium      | 968<br>(2,998)          | 32.3<br>30.0 - 34.7 | 472<br>(2,998)       | 15.8<br>14.2 - 17.4 | 461<br>(2,998)    | 15.5<br>14.0 - 17.0 | 72<br>(2,998)               | 2.4<br>1.7 - 3.1 |
|                      | High        | 987<br>(2,668)          | 36.9<br>34.1 - 39.6 | 620<br>(2,668)       | 23.2<br>20.7 - 25.7 | 477<br>(2,668)    | 17.9<br>16.8 - 19.0 | 45<br>(2,668)               | 1.7<br>1.2 - 2.2 |
| <b>By geography</b>  | Urban       | 2,404<br>(7,112)        | 33.8<br>31.7 - 35.9 | 1,231<br>(7,112)     | 17.3<br>15.5 - 19.1 | 1,105<br>(7,112)  | 15.6<br>14.7 - 16.5 | 146<br>(7,112)              | 2.1<br>1.7 - 2.5 |
|                      | Rural       | 380<br>(1,271)          | 29.4<br>26.2 - 32.5 | 226<br>(1,271)       | 17.6<br>15.4 - 19.7 | 185<br>(1,271)    | 14.7<br>13.0 - 16.5 | 26<br>(1,271)               | 2.0<br>1.3 - 2.7 |

## School activities

|                     |             | Students belong to a school sports team |                     | Students belong to a school club |                     | Students spend time in activities helping others at school |                     |
|---------------------|-------------|---|---------------------|----------------------------------|---------------------|--|---------------------|
|                     |             | n (N)                                   | % 95% CI            | n (N)                            | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 4,206<br>(8,477)                        | 49.7<br>46.3 - 53.0 | 3,093<br>(8,474)                 | 36.5<br>34.0 - 38.9 | 3,326<br>(8,470)   | 39.2<br>36.9 - 41.5 |
| <b>By sex</b>       | Male        | 1,974<br>(3,862)                        | 51.2<br>47.1 - 55.4 | 1,161<br>(3,861)                 | 30.0<br>28.0 - 32.0 | 1,362<br>(3,863)   | 35.2<br>32.4 - 38.0 |
|                     | Female      | 2,231<br>(4,613)                        | 48.3<br>43.9 - 52.8 | 1,931<br>(4,611)                 | 41.9<br>38.8 - 45.0 | 1,963<br>(4,605)   | 42.6<br>39.9 - 45.2 |
| <b>By age</b>       | 13 or less  | 847<br>(1,830)                          | 46.2<br>41.6 - 50.8 | 576<br>(1,831)                   | 31.3<br>28.3 - 34.3 | 589<br>(1,829)   | 31.9<br>28.4 - 35.4 |
|                     | 14          | 995<br>(1,894)                          | 52.8<br>49.1 - 56.6 | 629<br>(1,893)                   | 33.2<br>30.1 - 36.3 | 595<br>(1,894)   | 31.3<br>28.1 - 34.6 |
|                     | 15          | 902<br>(1,754)                          | 51.5<br>47.8 - 55.2 | 657<br>(1,752)                   | 37.5<br>34.3 - 40.6 | 621<br>(1,751)   | 35.5<br>32.3 - 38.7 |
|                     | 16          | 785<br>(1,573)                          | 50.0<br>46.1 - 53.8 | 607<br>(1,571)                   | 38.6<br>34.5 - 42.7 | 678<br>(1,570)   | 43.2<br>39.5 - 46.9 |
|                     | 17 or older | 672<br>(1,416)                          | 47.3<br>43.1 - 51.5 | 620<br>(1,417)                   | 43.8<br>39.6 - 48.0 | 839<br>(1,416)   | 59.2<br>55.7 - 62.7 |
| <b>By NZDep2006</b> | Low         | 1,553<br>(2,715)                        | 57.2<br>52.9 - 61.6 | 1,004<br>(2,717)                 | 36.9<br>33.3 - 40.6 | 1,030<br>(2,712)   | 37.9<br>35.0 - 40.8 |
|                     | Medium      | 1,468<br>(2,996)                        | 49.1<br>45.7 - 52.5 | 1,078<br>(2,993)                 | 36.0<br>33.3 - 38.7 | 1,125<br>(2,994)   | 37.6<br>34.9 - 40.3 |
|                     | High        | 1,143<br>(2,665)                        | 42.9<br>39.8 - 46.0 | 984<br>(2,662)                   | 36.9<br>33.9 - 40.0 | 1,131<br>(2,662)   | 42.4<br>39.3 - 45.5 |
| <b>By geography</b> | Urban       | 3,455<br>(7,105)                        | 48.7<br>45.1 - 52.2 | 2,644<br>(7,101)                 | 37.2<br>34.6 - 39.9 | 2,766<br>(7,098)   | 38.9<br>36.3 - 41.6 |
|                     | Rural       | 709<br>(1,271)                          | 56.0<br>51.4 - 60.7 | 422<br>(1,271)                   | 33.0<br>28.9 - 37.1 | 520<br>(1,270)   | 40.7<br>37.8 - 43.5 |

## School Safety

|                     |             | Feel safe at school all or most of the time |                     | Afraid that someone would hurt or bother them at school 3 or more times in the last 12 months |                     | Bullied at school weekly or more often |                  | Did not go to school because of bullying at least once in the last month |                  |
|---------------------|-------------|---|---------------------|---|---------------------|--|------------------|--|------------------|
|                     |             | n (N)                                       | % 95% CI            | n (N)   | % 95% CI            | n (N)                                  | % 95% CI         | n (N)  | % 95% CI         |
| <b>Total</b>        |             | 7,363 (8,470)                               | 86.9<br>85.3 - 88.4 | 789 (8,469)   | 9.3<br>8.6 - 10.1   | 526 (8,435)                            | 6.2<br>5.5 - 7.0 | 446 (8,446)  | 5.3<br>4.7 - 5.8 |
| <b>By sex</b>       | Male        | 3,292 (3,860)                               | 85.2<br>83.6 - 86.8 | 386 (3,861)   | 10.0<br>9.0 - 11.1  | 265 (3,842)                            | 6.9<br>5.9 - 7.9 | 132 (3,848)  | 3.5<br>2.7 - 4.2 |
|                     | Female      | 4,070 (4,608)                               | 88.3<br>86.3 - 90.3 | 402 (4,606)   | 8.7<br>7.8 - 9.7    | 261 (4,591)                            | 5.7<br>4.8 - 6.5 | 314 (4,596)  | 6.8<br>6.1 - 7.6 |
| <b>By age</b>       | 13 or less  | 1,572 (1,833)                               | 85.7<br>83.5 - 87.8 | 218 (1,831)   | 12.0<br>10.1 - 13.8 | 152 (1,823)                            | 8.4<br>6.9 - 9.8 | 111 (1,828)  | 6.1<br>4.9 - 7.3 |
|                     | 14          | 1,586 (1,892)                               | 83.7<br>81.0 - 86.4 | 231 (1,895)   | 12.3<br>10.5 - 14.1 | 153 (1,886)                            | 8.1<br>6.7 - 9.5 | 143 (1,890)  | 7.6<br>6.2 - 9.0 |
|                     | 15          | 1,510 (1,749)                               | 86.2<br>84.1 - 88.4 | 155 (1,751)   | 8.9<br>7.6 - 10.1   | 118 (1,747)                            | 6.7<br>5.4 - 8.0 | 97 (1,746)   | 5.6<br>4.4 - 6.9 |
|                     | 16          | 1,384 (1,572)                               | 88.0<br>85.9 - 90.1 | 114 (1,569)   | 7.3<br>6.0 - 8.6    | 69 (1,565)                             | 4.4<br>3.1 - 5.8 | 64 (1,566)   | 4.1<br>3.1 - 5.1 |
|                     | 17 or older | 1,301 (1,414)                               | 92.0<br>90.7 - 93.4 | 069 (1,413)   | 4.8<br>3.9 - 5.8    | 33 (1,404)                             | 2.4<br>1.6 - 3.1 | 31 (1,406)   | 2.2<br>1.5 - 3.0 |
| <b>By NZDep2006</b> | Low         | 2,386 (2,715)                               | 87.8<br>85.5 - 90.1 | 264 (2,716)   | 9.7<br>8.5 - 11.0   | 175 (2,710)                            | 6.4<br>5.6 - 7.3 | 141 (2,712)  | 5.2<br>4.3 - 6.1 |
|                     | Medium      | 2,587 (2,992)                               | 86.4<br>84.6 - 88.2 | 275 (2,993)   | 9.2<br>8.3 - 10.2   | 193 (2,989)                            | 6.5<br>5.6 - 7.4 | 140 (2,991)  | 4.7<br>3.9 - 5.6 |
|                     | High        | 2,310 (2,664)                               | 86.6<br>84.8 - 88.4 | 241 (2,660)   | 9.1<br>7.3 - 10.9   | 152 (2,639)                            | 5.8<br>4.4 - 7.1 | 158 (2,644)  | 6.0<br>5.1 - 6.9 |
| <b>By geography</b> | Urban       | 6,190 (7,101)                               | 87.1<br>85.5 - 88.7 | 655 (7,099)   | 9.3<br>8.4 - 10.1   | 436 (7,072)                            | 6.2<br>5.4 - 7.0 | 376 (7,082)  | 5.3<br>4.7 - 5.9 |
|                     | Rural       | 1,093 (1,270)                               | 86.0<br>83.0 - 88.9 | 125 (1,270)   | 9.9<br>8.3 - 11.5   | 84 (1,266)                             | 6.6<br>5.5 - 7.7 | 63 (1,265)   | 5.1<br>3.9 - 6.3 |

## School Relationships

|                     |             | Adults (like teachers, coaches or other adults) at school care a lot |                     | Teachers are fair most of the time |                     | Student usually gets on with teachers |                     |
|---------------------|-------------|--|---------------------|------------------------------------|---------------------|---------------------------------------|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)                              | % 95% CI            | n (N)                                 | % 95% CI            |
| <b>Total</b>        |             | 2,311<br>(8,468)   | 27.2<br>25.5 - 28.9 | 4,386<br>(8,470)                   | 51.7<br>49.7 - 53.6 | 5,290<br>(8,479)                      | 62.4<br>60.5 - 64.3 |
| <b>By sex</b>       | Male        | 987<br>(3,859)   | 25.5<br>24.0 - 27.0 | 1,928<br>(3,863)                   | 49.7<br>47.7 - 51.8 | 2,266<br>(3,866)                      | 58.6<br>56.5 - 60.6 |
|                     | Female      | 1,323<br>(4,607)   | 28.6<br>26.1 - 31.2 | 2,457<br>(4,605)                   | 53.3<br>50.9 - 55.7 | 3,022<br>(4,610)                      | 65.6<br>63.3 - 67.8 |
| <b>By age</b>       | 13 or less  | 476<br>(1,831)   | 26.0<br>23.5 - 28.4 | 995<br>(1,835)                     | 54.2<br>50.9 - 57.5 | 1,121<br>(1,835)                      | 61.0<br>58.8 - 63.2 |
|                     | 14          | 468<br>(1,891)   | 24.7<br>22.6 - 26.8 | 887<br>(1,893)                     | 46.6<br>44.2 - 49.1 | 1,071<br>(1,893)                      | 56.5<br>53.4 - 59.5 |
|                     | 15          | 457<br>(1,750)   | 25.8<br>22.7 - 29.0 | 848<br>(1,749)                     | 48.3<br>45.4 - 51.3 | 1,053<br>(1,753)                      | 60.0<br>57.4 - 62.7 |
|                     | 16          | 421<br>(1,571)   | 26.8<br>24.4 - 29.2 | 801<br>(1,569)                     | 51.0<br>47.8 - 54.1 | 1,017<br>(1,572)                      | 64.8<br>62.0 - 67.6 |
|                     | 17 or older | 486<br>(1,415)   | 34.3<br>31.2 - 37.4 | 851<br>(1,414)                     | 60.1<br>57.2 - 63.1 | 1,022<br>(1,415)                      | 72.3<br>68.4 - 76.2 |
| <b>By NZDep2006</b> | Low         | 733<br>(2,714)   | 26.9<br>24.4 - 29.5 | 1,531<br>(2,714)                   | 56.3<br>53.1 - 59.5 | 1,806<br>(2,715)                      | 66.5<br>63.9 - 69.1 |
|                     | Medium      | 786<br>(2,990)   | 26.1<br>24.4 - 27.9 | 1,573<br>(2,994)                   | 52.3<br>49.9 - 54.8 | 1,949<br>(2,997)                      | 65.0<br>62.6 - 67.3 |
|                     | High        | 768<br>(2,662)   | 28.9<br>26.1 - 31.7 | 1,242<br>(2,661)                   | 46.7<br>44.6 - 48.8 | 1,490<br>(2,665)                      | 55.9<br>53.2 - 58.6 |
| <b>By geography</b> | Urban       | 1,966<br>(7,097)   | 27.6<br>25.6 - 29.5 | 3,695<br>(7,101)                   | 51.9<br>49.9 - 54.0 | 4,433<br>(7,106)                      | 62.4<br>60.3 - 64.4 |
|                     | Rural       | 321<br>(1,269)   | 25.5<br>22.9 - 28.1 | 651<br>(1,268)                     | 51.4<br>48.0 - 54.7 | 812<br>(1,271)                        | 64.0<br>60.7 - 67.3 |

## Expectations and Achievement

|                     | People at school expect student to do well |                                      | Somewhat or very important for students to be proud of their schoolwork |                                      | Spend at least one hour each day doing homework |                                      | Student plans to complete school (i.e. finish Year 13) |                     | Students at this school try to get the best grades they can |                     |
|---------------------|--|--------------------------------------|---|--------------------------------------|---|--------------------------------------|--|---------------------|---|---------------------|
|                     | n (N)                                      | % 95% CI                             | n (N)   | % 95% CI                             | n (N)   | % 95% CI                             | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        | 7,724 (8,461)                              | 91.3<br>90.6 - 92.0                  | 8,058 (8,479)   | 95.0<br>94.3 - 95.8                  | 3,215 (8,090)                                   | 39.8<br>36.2 - 43.4                  | 7,379 (8,457)  | 87.4<br>86.1 - 88.7 | 4,691 (8,309)   | 56.3<br>53.2 - 59.5 |
| <b>By sex</b>       | Male                                       | 3,480 (3,857)<br>90.2<br>89.2 - 91.2 | 3,586 (3,864)<br>92.8<br>91.7 - 94.0                                    | 1,120 (3,619)<br>31.0<br>27.3 - 34.8 | 3,200 (3,855)<br>83.3<br>81.5 - 85.1            | 2,145 (3,760)<br>56.8<br>53.7 - 59.9 |  |                     |   |                     |
|                     | Female                                     | 4,241 (4,601)<br>92.2<br>91.2 - 93.2 | 4,470 (4,612)<br>96.9<br>96.4 - 97.4                                    | 2,095 (4,469)<br>47.0<br>42.8 - 51.1 | 4,177 (4,600)<br>90.8<br>89.6 - 92.1            | 2,545 (4,547)<br>56.0<br>51.7 - 60.2 |  |                     |   |                     |
| <b>By age</b>       | 13 or less                                 | 1,634 (1,827)<br>89.4<br>88.2 - 90.7 | 1,759 (1,834)<br>95.9<br>94.9 - 96.9                                    | 696 (1,735)<br>40.3<br>36.0 - 44.6   | 1,575 (1,826)<br>86.4<br>84.3 - 88.4            | 1,095 (1,793)<br>61.0<br>57.6 - 64.5 |  |                     |   |                     |
|                     | 14   | 1,711 (1,887)<br>90.7<br>89.3 - 92.1 | 1,788 (1,893)<br>94.5<br>93.2 - 95.7                                    | 637 (1,812)<br>35.3<br>31.3 - 39.4   | 1,595 (1,891)<br>84.6<br>82.4 - 86.9            | 996 (1,840)<br>53.9<br>49.6 - 58.3   |  |                     |   |                     |
|                     | 15   | 1,611 (1,752)<br>91.9<br>90.2 - 93.6 | 1,667 (1,754)<br>95.0<br>94.0 - 96.1                                    | 688 (1,663)<br>41.3<br>37.3 - 45.3   | 1,494 (1,749)<br>85.5<br>83.2 - 87.8            | 946 (1,720)<br>54.9<br>50.6 - 59.1   |  |                     |   |                     |
|                     | 16   | 1,453 (1,568)<br>92.7<br>91.2 - 94.2 | 1,477 (1,572)<br>94.0<br>92.6 - 95.4                                    | 592 (1,507)<br>39.2<br>34.0 - 44.4   | 1,348 (1,571)<br>85.9<br>83.6 - 88.2            | 863 (1,557)<br>55.4<br>51.4 - 59.4   |  |                     |   |                     |
|                     | 17 or older                                | 1,304 (1,416)<br>92.0<br>90.7 - 93.4 | 1,357 (1,415)<br>95.9<br>94.8 - 97.0                                    | 599 (1,363)<br>44.0<br>39.1 - 48.9   | 1,358 (1,411)<br>96.3<br>95.0 - 97.5            | 785 (1,389)<br>56.3<br>52.0 - 60.6   |  |                     |   |                     |
|                     |  | 2,493 (2,709)<br>92.0<br>90.8 - 93.2 | 2,596 (2,716)<br>95.6<br>94.6 - 96.6                                    | 1,086 (2,649)<br>41.0<br>36.2 - 45.9 | 2,399 (2,713)<br>88.5<br>86.7 - 90.3            | 1,448 (2,692)<br>53.6<br>49.4 - 57.8 |  |                     |   |                     |
| <b>By NZDep2006</b> | Medium                                     | 2,732 (2,994)<br>91.2<br>90.2 - 92.3 | 2,822 (2,998)<br>94.2<br>93.1 - 95.3                                    | 1,123 (2,892)<br>38.9<br>34.6 - 43.2 | 2,603 (2,990)<br>87.2<br>85.4 - 88.9            | 1,577 (2,946)<br>53.3<br>50.4 - 56.2 |  |                     |   |                     |
|                     | High                                       | 2,406 (2,657)<br>90.6<br>89.3 - 91.8 | 2,549 (2,664)<br>95.7<br>94.7 - 96.6                                    | 970 (2,460)<br>39.5<br>34.9 - 44.1   | 2,299 (2,654)<br>86.8<br>84.6 - 89.0            | 1,614 (2,576)<br>62.7<br>58.3 - 67.2 |  |                     |   |                     |
|                     | Low  | 6,472 (7,090)<br>91.3<br>90.5 - 92.0 | 6,779 (7,107)<br>95.4<br>94.6 - 96.1                                    | 2,752 (6,777)<br>40.6<br>36.8 - 44.4 | 6,229 (7,085)<br>88.0<br>86.5 - 89.4            | 4,022 (6,967)<br>57.7<br>54.4 - 61.0 |  |                     |   |                     |
| <b>By geography</b> | Urban                                      | 1,159 (1,270)<br>91.4<br>90.0 - 92.8 | 1,188 (1,271)<br>93.6<br>92.2 - 95.0                                    | 427 (1,224)<br>35.2<br>30.1 - 40.4   | 1,072 (1,272)<br>84.8<br>82.8 - 86.7            | 617 (1,247)<br>48.8<br>44.7 - 52.9   |  |                     |   |                     |

# Family and School

## Family engagement in school in the last 12 months<sup>1</sup>

|                     | A family member has gone to parent teacher meeting |                                      | A family member has helped out at school |                                      | A family member has asked about homework |                                      | A family member has helped with homework |                     | A family member has gone to school event |                     |
|---------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|---------------------|--|---------------------|
|                     | n (N)  | % 95% CI                             | n (N)                                    | % 95% CI                             | n (N)                                    | % 95% CI                             | n (N)                                    | % 95% CI            | n (N)                                    | % 95% CI            |
| <b>Total</b>        | 5,038 (8,460)                                      | 59.6<br>57.3 - 61.8                  | 1,686 (8,460)                            | 19.8<br>18.0 - 21.5                  | 7,127 (8,460)                            | 84.4<br>83.1 - 85.6                  | 5,226 (8,460)                            | 61.8<br>60.0 - 63.5 | 3,696 (8,460)                            | 43.6<br>40.5 - 46.6 |
| <b>By sex</b>       | Male   | 2,311 (3,858)<br>60.0<br>57.2 - 62.7 | 787 (3,858)<br>20.2<br>18.0 - 22.4       | 3,224 (3,858)<br>83.7<br>82.2 - 85.3 | 2,262 (3,858)<br>58.6<br>56.6 - 60.7     | 1,523 (3,858)<br>39.3<br>36.4 - 42.2 |  |                     |  |                     |
|                     | Female   | 2,726 (4,599)<br>59.3<br>56.6 - 62.0 | 899 (4,599)<br>19.4<br>17.0 - 21.8       | 3,901 (4,599)<br>84.9<br>83.3 - 86.5 | 2,962 (4,599)<br>64.5<br>62.3 - 66.7     | 2,172 (4,599)<br>47.2<br>43.0 - 51.4 |  |                     |  |                     |
| <b>By age</b>       | 13 or less   | 1,194 (1,826)<br>65.4<br>61.9 - 68.8 | 393 (1,826)<br>21.4<br>18.9 - 23.9       | 1,559 (1,826)<br>85.5<br>83.9 - 87.0 | 1,364 (1,826)<br>74.8<br>71.7 - 77.8     | 797 (1,826)<br>43.4<br>39.6 - 47.2   |  |                     |  |                     |
|                     | 14   | 1,137 (1,891)<br>60.2<br>57.1 - 63.3 | 360 (1,891)<br>18.8<br>16.8 - 20.9       | 1,607 (1,891)<br>85.1<br>83.0 - 87.3 | 1,246 (1,891)<br>66.0<br>63.2 - 68.8     | 794 (1,891)<br>41.8<br>38.5 - 45.2   |  |                     |  |                     |
|                     | 15   | 1,046 (1,747)<br>59.9<br>56.6 - 63.2 | 337 (1,747)<br>19.1<br>16.5 - 21.6       | 1,472 (1,747)<br>84.3<br>82.3 - 86.4 | 1,092 (1,747)<br>62.3<br>59.4 - 65.3     | 779 (1,747)<br>44.5<br>40.8 - 48.1   |  |                     |  |                     |
|                     | 16   | 878 (1,570)<br>56.0<br>52.1 - 59.9   | 296 (1,570)<br>18.7<br>15.9 - 21.5       | 1,319 (1,570)<br>84.2<br>82.4 - 86.0 | 850 (1,570)<br>54.3<br>51.7 - 57.0       | 669 (1,570)<br>42.7<br>38.7 - 46.6   |  |                     |  |                     |
|                     | 17 or older  | 776 (1,415)<br>54.8<br>51.6 - 58.0   | 298 (1,415)<br>21.0<br>18.6 - 23.3       | 1,162 (1,415)<br>82.2<br>80.0 - 84.4 | 666 (1,415)<br>47.0<br>43.8 - 50.3       | 651 (1,415)<br>45.9<br>41.6 - 50.2   |  |                     |  |                     |
| <b>By NZDep2006</b> | Low  | 1,780 (2,714)<br>65.5<br>63.0 - 68.1 | 644 (2,714)<br>23.6<br>20.7 - 26.5       | 2,391 (2,714)<br>88.1<br>86.8 - 89.5 | 1,818 (2,714)<br>67.0<br>64.7 - 69.2     | 1,344 (2,714)<br>49.4<br>45.2 - 53.6 |  |                     |  |                     |
|                     | Medium   | 1,781 (2,990)<br>59.6<br>57.1 - 62.1 | 563 (2,990)<br>18.7<br>16.8 - 20.6       | 2,544 (2,990)<br>85.2<br>83.9 - 86.4 | 1,847 (2,990)<br>61.7<br>59.5 - 63.9     | 1,270 (2,990)<br>42.3<br>39.0 - 45.6 |  |                     |  |                     |
|                     | High   | 1,426 (2,656)<br>53.7<br>50.4 - 57.0 | 460 (2,656)<br>17.1<br>15.5 - 18.7       | 2,115 (2,656)<br>79.9<br>77.9 - 81.8 | 1,509 (2,656)<br>56.8<br>54.5 - 59.2     | 1,045 (2,656)<br>39.2<br>35.9 - 42.5 |  |                     |  |                     |
| <b>By geography</b> | Urban  | 4,192 (7,090)<br>59.1<br>56.7 - 61.5 | 1,366 (7,090)<br>19.1<br>17.4 - 20.9     | 5,968 (7,090)<br>84.2<br>82.9 - 85.6 | 4,356 (7,090)<br>61.4<br>59.5 - 63.3     | 3,048 (7,090)<br>42.9<br>39.6 - 46.1 |  |                     |  |                     |
|                     | Rural  | 795 (1,270)<br>63.0<br>59.7 - 66.4   | 301 (1,270)<br>23.5<br>20.3 - 26.8       | 1,082 (1,270)<br>85.7<br>83.0 - 88.4 | 818 (1,270)<br>64.8<br>61.6 - 67.9       | 611 (1,270)<br>48.0<br>44.1 - 51.9   |  |                     |  |                     |

Note: 1. Students could choose more than one response option.



## Importance to parents that student goes to school

|                     |             | Very important   |                     | Important        |                     | Not very important |                  |
|---------------------|-------------|------------------|---------------------|------------------|---------------------|--------------------|------------------|
|                     |             | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)           | %<br>95% CI      |
| <b>Total</b>        |             | 7,187<br>(8,474) | 84.9<br>83.7 - 86.1 | 1,199<br>(8,474) | 14.1<br>13.0 - 15.3 | 88<br>(8,474)      | 1.0<br>0.8 - 1.3 |
| <b>By sex</b>       | Male        | 3,249<br>(3,861) | 84.2<br>82.7 - 85.7 | 571<br>(3,861)   | 14.8<br>13.3 - 16.2 | 41<br>(3,861)      | 1.0<br>0.7 - 1.3 |
|                     | Female      | 3,936<br>(4,611) | 85.4<br>83.9 - 87.0 | 628<br>(4,611)   | 13.6<br>12.1 - 15.1 | 47<br>(4,611)      | 1.0<br>0.6 - 1.4 |
| <b>By age</b>       | 13 or less  | 1,580<br>(1,830) | 86.3<br>84.3 - 88.3 | 242<br>(1,830)   | 13.2<br>11.2 - 15.3 | 8<br>(1,830)       | 0.4<br>0.1 - 0.7 |
|                     | 14          | 1,597<br>(1,894) | 84.4<br>82.5 - 86.4 | 271<br>(1,894)   | 14.3<br>12.5 - 16.1 | 26<br>(1,894)      | 1.3<br>0.8 - 1.9 |
|                     | 15          | 1,523<br>(1,753) | 86.9<br>85.0 - 88.7 | 214<br>(1,753)   | 12.2<br>10.4 - 14.0 | 16<br>(1,753)      | 0.9<br>0.5 - 1.4 |
|                     | 16          | 1,307<br>(1,572) | 83.4<br>81.2 - 85.5 | 245<br>(1,572)   | 15.4<br>13.4 - 17.5 | 20<br>(1,572)      | 1.2<br>0.6 - 1.8 |
|                     | 17 or older | 1,172<br>(1,415) | 82.8<br>80.7 - 84.9 | 225<br>(1,415)   | 15.9<br>13.9 - 17.9 | 18<br>(1,415)      | 1.2<br>0.6 - 1.8 |
| <b>By NZDep2006</b> | Low         | 2,337<br>(2,716) | 86.1<br>84.6 - 87.5 | 363<br>(2,716)   | 13.4<br>11.9 - 14.8 | 16<br>(2,716)      | 0.6<br>0.3 - 0.9 |
|                     | Medium      | 2,527<br>(2,995) | 84.4<br>82.6 - 86.1 | 428<br>(2,995)   | 14.3<br>12.8 - 15.8 | 40<br>(2,995)      | 1.3<br>0.8 - 1.9 |
|                     | High        | 2,249<br>(2,662) | 84.6<br>82.4 - 86.9 | 384<br>(2,662)   | 14.3<br>12.2 - 16.5 | 29<br>(2,662)      | 1.0<br>0.6 - 1.4 |
| <b>By geography</b> | Urban       | 6,077<br>(7,103) | 85.6<br>84.3 - 86.9 | 962<br>(7,103)   | 13.5<br>12.3 - 14.8 | 64<br>(7,103)      | 0.9<br>0.6 - 1.2 |
|                     | Rural       | 1,036<br>(1,270) | 81.8<br>79.6 - 83.9 | 213<br>(1,270)   | 16.7<br>14.8 - 18.5 | 21<br>(1,270)      | 1.6<br>0.8 - 2.3 |

## Students' Plans for after Leaving Secondary School

|                     | More education or training |                     | Start work or look for a job |                     | Go back to their country of birth |                  | Start a family |                  | Plan to do nothing, don't know, no plans |                     |
|---------------------|----------------------------|---------------------|------------------------------|---------------------|-----------------------------------|------------------|----------------|------------------|--|---------------------|
|                     | n (N)                      | % 95% CI            | n (N)                        | % 95% CI            | n (N)                             | % 95% CI         | n (N)          | % 95% CI         | n (N)                                    | % 95% CI            |
| <b>Total</b>        | 5,426 (8,462)              | 64.2<br>62.0 - 66.4 | 2,103 (8,462)                | 24.8<br>22.6 - 26.9 | 108 (8,462)                       | 1.3<br>1.0 - 1.6 | 79 (8,462)     | 0.9<br>0.7 - 1.2 | 746 (8,462)                              | 8.8<br>8.0 - 9.6    |
| <b>By sex</b>       |                            |                     |                              |                     |                                   |                  |                |                  |  |                     |
| Male                | 2,171 (3,859)              | 56.4<br>54.0 - 58.9 | 1,227 (3,859)                | 31.6<br>28.8 - 34.5 | 62 (3,859)                        | 1.6<br>1.1 - 2.2 | 45 (3,859)     | 1.2<br>0.8 - 1.5 | 354 (3,859)                              | 9.2<br>8.1 - 10.2   |
| Female              | 3,254 (4,601)              | 70.8<br>68.6 - 73.0 | 875 (4,601)                  | 19.0<br>17.0 - 20.9 | 46 (4,601)                        | 1.0<br>0.6 - 1.4 | 34 (4,601)     | 0.7<br>0.5 - 1.0 | 392 (4,601)                              | 8.5<br>7.5 - 9.4    |
| <b>By age</b>       |                            |                     |                              |                     |                                   |                  |                |                  |  |                     |
| 13 or less          | 978 (1,825)                | 53.6<br>50.5 - 56.7 | 593 (1,825)                  | 32.5<br>29.3 - 35.7 | 13 (1,825)                        | 0.7<br>0.3 - 1.1 | 24 (1,825)     | 1.3<br>0.8 - 1.9 | 217 (1,825)                              | 11.9<br>10.1 - 13.6 |
| 14                  | 1,124 (1,892)              | 59.6<br>56.8 - 62.4 | 528 (1,892)                  | 27.8<br>25.4 - 30.2 | 23 (1,892)                        | 1.2<br>0.7 - 1.7 | 25 (1,892)     | 1.3<br>0.8 - 1.8 | 192 (1,892)                              | 10.1<br>8.7 - 11.4  |
| 15                  | 1,137 (1,750)              | 65.1<br>62.1 - 68.1 | 430 (1,750)                  | 24.4<br>21.3 - 27.6 | 15 (1,750)                        | 0.9<br>0.4 - 1.3 | 14 (1,750)     | 0.8<br>0.4 - 1.2 | 154 (1,750)                              | 8.8<br>7.3 - 10.2   |
| 16                  | 1,080 (1,572)              | 68.8<br>65.9 - 71.8 | 345 (1,572)                  | 21.9<br>18.8 - 24.9 | 28 (1,572)                        | 1.8<br>1.1 - 2.5 | 10 (1,572)     | 0.6<br>0.2 - 1.0 | 109 (1,572)                              | 6.9<br>5.6 - 8.1    |
| 17 or older         | 1,100 (1,413)              | 77.9<br>75.2 - 80.6 | 206 (1,413)                  | 14.5<br>12.2 - 16.8 | 29 (1,413)                        | 2.1<br>1.0 - 3.2 | 05 (1,413)     | 0.4<br>0.0 - 0.7 | 73 (1,413)                               | 5.2<br>3.9 - 6.4    |
| <b>By NZDep2006</b> |                            |                     |                              |                     |                                   |                  |                |                  |  |                     |
| Low                 | 1,868 (2,713)              | 68.9<br>65.8 - 71.9 | 538 (2,713)                  | 19.8<br>17.3 - 22.3 | 38 (2,713)                        | 1.4<br>0.9 - 1.9 | 21 (2,713)     | 0.8<br>0.4 - 1.2 | 248 (2,713)                              | 9.1<br>7.7 - 10.5   |
| Medium              | 1,981 (2,993)              | 66.2<br>63.8 - 68.7 | 685 (2,993)                  | 22.8<br>20.6 - 25.0 | 37 (2,993)                        | 1.3<br>0.9 - 1.6 | 24 (2,993)     | 0.8<br>0.5 - 1.1 | 266 (2,993)                              | 8.9<br>7.7 - 10.1   |
| High                | 1,530 (2,656)              | 57.9<br>54.7 - 61.0 | 847 (2,656)                  | 31.8<br>28.9 - 34.6 | 26 (2,656)                        | 1.0<br>0.6 - 1.4 | 32 (2,656)     | 1.2<br>0.8 - 1.7 | 221 (2,656)                              | 8.2<br>7.0 - 9.3    |
| <b>By geography</b> |                            |                     |                              |                     |                                   |                  |                |                  |  |                     |
| Urban               | 4,610 (7,092)              | 65.0<br>62.7 - 67.3 | 1,693 (7,092)                | 23.9<br>21.7 - 26.1 | 87 (7,092)                        | 1.2<br>0.9 - 1.6 | 67 (7,092)     | 0.9<br>0.7 - 1.2 | 635 (7,092)                              | 8.9<br>8.0 - 9.8    |
| Rural               | 769 (1,270)                | 61.2<br>57.6 - 64.9 | 377 (1,270)                  | 29.1<br>25.8 - 32.5 | 14 (1,270)                        | 1.1<br>0.7 - 1.6 | 10 (1,270)     | 0.8<br>0.3 - 1.2 | 100 (1,270)                              | 7.7<br>6.1 - 9.4    |

## School Comparison 2001 – 2012

| People at school care a lot<br>(like teachers, coaches, or<br>other adults) |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>  |        | 2,175<br>(9,333) | 23.2<br>22.1 - 24.3 | 2,246<br>(8,925) | 25.1<br>23.3 - 26.9 | 2,311<br>(8,468) | 27.2<br>25.5 - 28.9 |
| <b>By sex</b>   | Male   | 918<br>(4,283)   | 21.3<br>20.0 - 22.6 | 1,136<br>(4,811) | 23.5<br>21.3 - 25.8 | 987<br>(3,859)   | 25.5<br>24.0 - 27.0 |
|   | Female | 1,257<br>(5,050) | 24.9<br>23.4 - 26.4 | 1,110<br>(4,114) | 27.0<br>24.7 - 29.3 | 1,323<br>(4,607) | 28.6<br>26.1 - 31.2 |
| <b>Teachers are fair most<br/>of the time</b>                               |        |                  |                     |                  |                     |                  |                     |
|   |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>  |        | 4,002<br>(9,349) | 42.8<br>41.0 - 44.7 | 4,355<br>(8,925) | 48.8<br>46.6 - 50.9 | 4,386<br>(8,470) | 51.7<br>49.7 - 53.6 |
| <b>By sex</b>   | Male   | 1,726<br>(4,291) | 40.3<br>38.1 - 42.4 | 2,302<br>(4,813) | 47.8<br>45.3 - 50.2 | 1,928<br>(3,863) | 49.7<br>47.7 - 51.8 |
|   | Female | 2,276<br>(5,058) | 45.0<br>42.6 - 47.5 | 2,053<br>(4,112) | 49.9<br>47.1 - 52.7 | 2,457<br>(4,605) | 53.3<br>50.9 - 55.7 |
| <b>Student likes school a lot, a<br/>bit, or thinks it's OK</b>             |        |                  |                     |                  |                     |                  |                     |
|   |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>  |        | 8,009<br>(9,393) | 85.5<br>84.4 - 86.7 | 7,852<br>(8,947) | 87.8<br>86.6 - 89.0 | 7,653<br>(8,484) | 90.2<br>89.1 - 91.3 |
| <b>By Sex</b>   | Male   | 3,635<br>(4,315) | 84.5<br>83.0 - 86.0 | 4,206<br>(4,831) | 87.1<br>85.5 - 88.7 | 3,491<br>(3,867) | 90.3<br>88.9 - 91.7 |
|   | Female | 4,374<br>(5,078) | 86.4<br>85.1 - 87.7 | 3,646<br>(4,116) | 88.6<br>87.2 - 90.1 | 4,160<br>(4,615) | 90.1<br>88.8 - 91.4 |
| <b>Bullied at school weekly or<br/>more often</b>                           |        |                  |                     |                  |                     |                  |                     |
|   |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>  |        | 656<br>(9,132)   | 7.1<br>6.3 - 7.8    | 548<br>(8,893)   | 6.1<br>5.4 - 6.9    | 526<br>(8,435)   | 6.2<br>5.5 - 7.0    |
| <b>By sex</b>   | Male   | 391<br>(4,149)   | 9.2<br>8.2 - 10.3   | 343<br>(4,796)   | 7.1<br>6.0 - 8.2    | 265<br>(3,842)   | 6.9<br>5.9 - 7.9    |
|   | Female | 265<br>(4,983)   | 5.2<br>4.5 - 6.0    | 205<br>(4,097)   | 5.0<br>4.2 - 5.8    | 261<br>(4,591)   | 5.7<br>4.8 - 6.5    |

# Body Size

Height and weight measurements were taken by trained research staff following standardised protocols as described in the methods section of this report. The percentages of students who are underweight, overweight and obese have been determined using age and sex-specific BMI definitions for children and adolescents as recommended by the International Obesity Taskforce (Cole & Lobstein, 2012). These definitions of underweight, overweight and obesity are based on pooled data from large international datasets and provide nationally and internationally comparable data.

## Body Size<sup>1</sup>

|                     |             | Underweight    |                  | Healthy weight   |                     | Overweight       |                     | Obese            |                     |
|---------------------|-------------|----------------|------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|                     |             | n<br>(N)       | %<br>95% CI      | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>        |             | 262<br>(8,359) | 3.1<br>2.6 - 3.7 | 5,033<br>(8,359) | 60.2<br>56.9 - 63.5 | 2,009<br>(8,359) | 24.1<br>22.8 - 25.4 | 1,055<br>(8,359) | 12.6<br>10.1 - 15.1 |
| <b>By sex</b>       | Male        | 124<br>(3,848) | 3.2<br>2.5 - 3.9 | 2,361<br>(3,848) | 61.3<br>58.4 - 64.3 | 899<br>(3,848)   | 23.4<br>21.9 - 24.8 | 464<br>(3,848)   | 12.1<br>9.9 - 14.2  |
|                     | Female      | 138<br>(4,511) | 3.1<br>2.4 - 3.7 | 2,672<br>(4,511) | 59.2<br>54.7 - 63.6 | 1,110<br>(4,511) | 24.7<br>22.8 - 26.5 | 591<br>(4,511)   | 13.1<br>9.6 - 16.6  |
| <b>By age</b>       | 13 or less  | 46<br>(1,806)  | 2.5<br>1.8 - 3.2 | 1,082<br>(1,806) | 59.8<br>56.2 - 63.3 | 450<br>(1,806)   | 25.0<br>22.6 - 27.4 | 228<br>(1,806)   | 12.7<br>10.0 - 15.4 |
|                     | 14          | 50<br>(1,865)  | 2.7<br>1.9 - 3.5 | 1,113<br>(1,865) | 59.6<br>55.4 - 63.9 | 470<br>(1,865)   | 25.2<br>22.8 - 27.7 | 232<br>(1,865)   | 12.5<br>9.3 - 15.6  |
|                     | 15          | 48<br>(1,738)  | 2.8<br>2.0 - 3.6 | 1,029<br>(1,738) | 59.2<br>55.6 - 62.8 | 442<br>(1,738)   | 25.4<br>23.3 - 27.5 | 219<br>(1,738)   | 12.6<br>9.7 - 15.4  |
|                     | 16          | 57<br>(1,553)  | 3.6<br>2.6 - 4.7 | 950<br>(1,553)   | 61.2<br>57.4 - 65.0 | 332<br>(1,553)   | 21.4<br>19.2 - 23.6 | 214<br>(1,553)   | 13.7<br>10.9 - 16.6 |
|                     | 17 or older | 61<br>(1,397)  | 4.4<br>3.3 - 5.5 | 859<br>(1,397)   | 61.5<br>57.1 - 65.8 | 315<br>(1,397)   | 22.6<br>20.2 - 25.0 | 162<br>(1,397)   | 11.5<br>8.6 - 14.5  |
| <b>By NZDep2006</b> | Low         | 97<br>(2,687)  | 3.6<br>2.8 - 4.4 | 1,824<br>(2,687) | 67.9<br>65.6 - 70.2 | 577<br>(2,687)   | 21.4<br>19.6 - 23.3 | 189<br>(2,687)   | 7.0<br>5.8 - 8.2    |
|                     | Medium      | 97<br>(2,953)  | 3.3<br>2.6 - 3.9 | 1,896<br>(2,953) | 64.2<br>62.0 - 66.3 | 674<br>(2,953)   | 22.9<br>21.2 - 24.5 | 286<br>(2,953)   | 9.7<br>8.3 - 11.0   |
|                     | High        | 63<br>(2,636)  | 2.4<br>1.5 - 3.2 | 1,257<br>(2,636) | 47.5<br>41.8 - 53.2 | 742<br>(2,636)   | 28.2<br>26.1 - 30.4 | 574<br>(2,636)   | 21.9<br>17.2 - 26.6 |
| <b>By geography</b> | Urban       | 231<br>(7,009) | 3.3<br>2.7 - 3.9 | 4,124<br>(7,009) | 58.8<br>55.0 - 62.5 | 1,722<br>(7,009) | 24.6<br>23.2 - 26.0 | 932<br>(7,009)   | 13.3<br>10.4 - 16.2 |
|                     | Rural       | 26<br>(1,267)  | 2.0<br>1.1 - 2.9 | 853<br>(1,267)   | 67.6<br>64.7 - 70.5 | 271<br>(1,267)   | 21.3<br>18.6 - 24.0 | 117<br>(1,267)   | 9.1<br>7.4 - 10.9   |

Note: 1. Categories determined using updated age- and sex-specific body mass index cut-offs published by Cole et al. in 2012 (Cole & Lobstein, 2012).

# Weight Concerns

## Students' happiness with their weight

|                     | Very happy       |                  |             | Happy            |                  |             | Okay             |                  |             | Unhappy          |                  |             | Very unhappy   |                |           |            |
|---------------------|------------------|------------------|-------------|------------------|------------------|-------------|------------------|------------------|-------------|------------------|------------------|-------------|----------------|----------------|-----------|------------|
|                     | n (N)            | %                | 95% CI      | n (N)            | %                | 95% CI      | n (N)            | %                | 95% CI      | n (N)            | %                | 95% CI      | n (N)          | %              | 95% CI    |            |
| <b>Total</b>        | 1,450<br>(8,325) | 17.4             | 15.9 - 18.9 | 2,177<br>(8,325) | 26.1             | 24.7 - 27.6 | 2,820<br>(8,325) | 33.9             | 32.9 - 35.0 | 1,372<br>(8,325) | 16.5             | 15.1 - 17.8 | 506<br>(8,325) | 6.1            | 5.3 - 6.8 |            |
| <b>By sex</b>       | Male             | 948<br>(3,766)   | 25.1        | 23.7 - 26.6      | 1,216<br>(3,766) | 32.2        | 30.2 - 34.3      | 1,163<br>(3,766) | 31.0        | 29.6 - 32.3      | 361<br>(3,766)   | 9.6         | 8.3 - 10.8     | 78<br>(3,766)  | 2.1       | 1.6 - 2.6  |
|                     | Female           | 502<br>(4,557)   | 11.0        | 9.7 - 12.3       | 961<br>(4,557)   | 21.1        | 19.6 - 22.5      | 1,656<br>(4,557) | 36.3        | 35.0 - 37.7      | 1,010<br>(4,557) | 22.2        | 20.7 - 23.7    | 428<br>(4,557) | 9.4       | 8.4 - 10.4 |
| <b>By age</b>       | 13 or less       | 383<br>(1,790)   | 21.2        | 18.9 - 23.6      | 461<br>(1,790)   | 25.7        | 23.4 - 28.0      | 632<br>(1,790)   | 35.4        | 33.3 - 37.5      | 237<br>(1,790)   | 13.3        | 11.8 - 14.9    | 77<br>(1,790)  | 4.3       | 3.1 - 5.5  |
|                     | 14               | 343<br>(1,863)   | 18.4        | 16.0 - 20.7      | 495<br>(1,863)   | 26.5        | 24.1 - 28.8      | 631<br>(1,863)   | 34.0        | 31.8 - 36.3      | 279<br>(1,863)   | 15.0        | 12.7 - 17.3    | 115<br>(1,863) | 6.2       | 4.9 - 7.4  |
|                     | 15               | 283<br>(1,721)   | 16.5        | 14.4 - 18.6      | 468<br>(1,721)   | 27.2        | 25.1 - 29.3      | 549<br>(1,721)   | 31.9        | 29.8 - 34.0      | 302<br>(1,721)   | 17.5        | 15.4 - 19.6    | 119<br>(1,721) | 6.9       | 5.6 - 8.2  |
|                     | 16               | 238<br>(1,546)   | 15.4        | 13.2 - 17.6      | 402<br>(1,546)   | 26.0        | 23.7 - 28.4      | 510<br>(1,546)   | 33.0        | 30.3 - 35.7      | 286<br>(1,546)   | 18.4        | 16.0 - 20.9    | 110<br>(1,546) | 7.1       | 5.9 - 8.3  |
|                     | 17 or older      | 202<br>(1,395)   | 14.7        | 12.4 - 16.9      | 349<br>(1,395)   | 25.0        | 22.4 - 27.6      | 496<br>(1,395)   | 35.5        | 33.0 - 38.1      | 263<br>(1,395)   | 18.8        | 15.9 - 21.7    | 85<br>(1,395)  | 6.0       | 4.8 - 7.3  |
| <b>By NZDep2006</b> | Low              | 451<br>(2,696)   | 16.7        | 14.6 - 18.8      | 751<br>(2,696)   | 27.9        | 25.4 - 30.4      | 885<br>(2,696)   | 32.9        | 31.2 - 34.5      | 452<br>(2,696)   | 16.7        | 14.9 - 18.6    | 157<br>(2,696) | 5.8       | 4.8 - 6.8  |
|                     | Medium           | 483<br>(2,955)   | 16.3        | 14.7 - 17.9      | 795<br>(2,955)   | 26.9        | 25.1 - 28.8      | 983<br>(2,955)   | 33.3        | 31.7 - 34.9      | 503<br>(2,955)   | 17.0        | 15.3 - 18.7    | 191<br>(2,955) | 6.5       | 5.5 - 7.5  |
|                     | High             | 501<br>(2,582)   | 19.5        | 17.2 - 21.8      | 599<br>(2,582)   | 23.0        | 20.8 - 25.2      | 927<br>(2,582)   | 36.0        | 34.2 - 37.7      | 404<br>(2,582)   | 15.7        | 13.5 - 17.8    | 151<br>(2,582) | 5.9       | 4.6 - 7.2  |
| <b>By geography</b> | Urban            | 1,194<br>(6,979) | 17.1        | 15.6 - 18.7      | 1,791<br>(6,979) | 25.7        | 24.1 - 27.2      | 2,393<br>(6,979) | 34.3        | 33.1 - 35.4      | 1,165<br>(6,979) | 16.7        | 15.3 - 18.1    | 436<br>(6,979) | 6.2       | 5.5 - 7.0  |
|                     | Rural            | 241<br>(1,254)   | 19.1        | 16.1 - 22.1      | 354<br>(1,254)   | 28.1        | 25.3 - 31.0      | 402<br>(1,254)   | 32.3        | 29.9 - 34.7      | 194<br>(1,254)   | 15.4        | 12.8 - 18.1    | 63<br>(1,254)  | 5.0       | 3.9 - 6.2  |

## Weight concerns of students

|                     |             | Has tried to lose weight in the last 12 months |                     | Worried about gaining weight (a lot or a little) |                     | Teased by other young people because of their weight |                     | Teased by family because of their weight |                     |
|---------------------|-------------|--|---------------------|--|---------------------|--|---------------------|--|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)                                    | % 95% CI            |
| <b>Total</b>        |             | 4,715<br>(8,315)                               | 56.7<br>54.3 - 59.1 | 5,053<br>(8,324)                                 | 60.7<br>58.0 - 63.4 | 2,449<br>(8,321)                                     | 29.5<br>28.3 - 30.7 | 2,129<br>(8,329)                         | 25.6<br>24.1 - 27.1 |
| <b>By sex</b>       | Male        | 1,586<br>(3,756)                               | 42.3<br>40.1 - 44.5 | 1,616<br>(3,766)                                 | 42.9<br>41.3 - 44.5 | 912<br>(3,763)                                       | 24.3<br>22.8 - 25.9 | 617<br>(3,771)                           | 16.4<br>15.1 - 17.6 |
|                     | Female      | 3,127<br>(4,557)                               | 68.6<br>67.1 - 70.1 | 3,435<br>(4,556)                                 | 75.5<br>74.1 - 76.8 | 1,536<br>(4,556)                                     | 33.7<br>31.8 - 35.7 | 1,512<br>(4,556)                         | 33.2<br>31.4 - 35.0 |
| <b>By age</b>       | 13 or less  | 980<br>(1,788)                                 | 55.0<br>52.3 - 57.7 | 1,064<br>(1,793)                                 | 59.4<br>56.6 - 62.2 | 472<br>(1,791)                                       | 26.5<br>24.3 - 28.8 | 344<br>(1,792)                           | 19.3<br>17.3 - 21.3 |
|                     | 14          | 1,023<br>(1,859)                               | 55.2<br>51.9 - 58.5 | 1,116<br>(1,861)                                 | 60.2<br>56.5 - 63.9 | 542<br>(1,867)                                       | 29.0<br>26.8 - 31.3 | 455<br>(1,867)                           | 24.5<br>22.2 - 26.9 |
|                     | 15          | 987<br>(1,717)                                 | 57.5<br>54.1 - 60.9 | 1,024<br>(1,720)                                 | 59.5<br>56.2 - 62.9 | 545<br>(1,715)                                       | 31.9<br>29.5 - 34.2 | 467<br>(1,718)                           | 27.2<br>24.6 - 29.8 |
|                     | 16          | 891<br>(1,545)                                 | 57.4<br>53.7 - 61.2 | 958<br>(1,545)                                   | 61.9<br>57.7 - 66.2 | 489<br>(1,544)                                       | 31.7<br>29.1 - 34.3 | 446<br>(1,547)                           | 28.7<br>26.1 - 31.2 |
|                     | 17 or older | 829<br>(1,396)                                 | 59.1<br>55.2 - 63.0 | 883<br>(1,395)                                   | 63.1<br>59.0 - 67.2 | 396<br>(1,394)                                       | 28.4<br>25.9 - 30.9 | 413<br>(1,395)                           | 29.5<br>26.6 - 32.4 |
| <b>By NZDep2006</b> | Low         | 1,472<br>(2,695)                               | 54.5<br>51.2 - 57.8 | 1,642<br>(2,696)                                 | 60.8<br>56.6 - 65.0 | 747<br>(2,698)                                       | 27.7<br>26.0 - 29.5 | 633<br>(2,696)                           | 23.5<br>21.7 - 25.2 |
|                     | Medium      | 1,612<br>(2,950)                               | 54.8<br>52.3 - 57.2 | 1,790<br>(2,956)                                 | 60.6<br>57.2 - 64.0 | 860<br>(2,955)                                       | 29.2<br>27.4 - 31.0 | 762<br>(2,962)                           | 25.8<br>24.0 - 27.6 |
|                     | High        | 1,588<br>(2,578)                               | 61.6<br>58.3 - 65.0 | 1,573<br>(2,579)                                 | 61.1<br>58.0 - 64.1 | 816<br>(2,576)                                       | 31.7<br>29.6 - 33.8 | 714<br>(2,580)                           | 27.7<br>25.1 - 30.4 |
| <b>By geography</b> | Urban       | 4,013<br>(6,973)                               | 57.5<br>55.1 - 60.0 | 4,284<br>(6,978)                                 | 61.4<br>58.5 - 64.2 | 2,053<br>(6,979)                                     | 29.4<br>28.2 - 30.7 | 1,812<br>(6,987)                         | 26.0<br>24.3 - 27.6 |
|                     | Rural       | 659<br>(1,250)                                 | 52.7<br>49.1 - 56.4 | 721<br>(1,253)                                   | 57.7<br>53.7 - 61.8 | 370<br>(1,250)                                       | 29.8<br>26.9 - 32.7 | 297<br>(1,251)                           | 23.7<br>21.4 - 26.0 |

## Body Size Comparisons 2007 - 2012<sup>1</sup>

| Underweight            |        | 2007             |                     | 2012             |                     |
|------------------------|--------|------------------|---------------------|------------------|---------------------|
|                        |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| Total                  |        | 227<br>(8,802)   | 2.6<br>2.2 - 3.0    | 262<br>(8,359)   | 3.1<br>2.6 - 3.7    |
| By sex                 | Male   | 96<br>(4,811)    | 2.0<br>1.6 - 2.4    | 124<br>(3,848)   | 3.2<br>2.5 - 3.9    |
|                        | Female | 131<br>(3,991)   | 3.3<br>2.5 - 4.1    | 138<br>(4,511)   | 3.1<br>2.4 - 3.7    |
| Healthy weight         |        | 2007             |                     | 2012             |                     |
|                        |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| Total                  |        | 5,537<br>(8,802) | 62.9<br>60.5 - 65.3 | 5,033<br>(8,359) | 60.2<br>56.9 - 63.5 |
| By sex                 | Male   | 3,060<br>(4,811) | 63.6<br>60.8 - 66.4 | 2,361<br>(3,848) | 61.3<br>58.4 - 64.3 |
|                        | Female | 2,477<br>(3,991) | 62.0<br>59.1 - 65.0 | 2,672<br>(4,511) | 59.2<br>54.7 - 63.6 |
| Overweight (not obese) |        | 2007             |                     | 2012             |                     |
|                        |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| Total                  |        | 2,127<br>(8,802) | 24.2<br>22.7 - 25.6 | 2,009<br>(8,359) | 24.1<br>22.8 - 25.4 |
| By sex                 | Male   | 1,137<br>(4,811) | 23.6<br>21.9 - 25.3 | 899<br>(3,848)   | 23.4<br>21.9 - 24.8 |
|                        | Female | 990<br>(3,991)   | 24.8<br>22.7 - 26.9 | 1,110<br>(4,511) | 24.7<br>22.8 - 26.5 |
| Obese                  |        | 2007             |                     | 2012             |                     |
|                        |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| Total                  |        | 911<br>(8,802)   | 10.4<br>8.8 - 11.9  | 1,055<br>(8,359) | 12.6<br>10.1 - 15.1 |
| By sex                 | Male   | 518<br>(4,811)   | 10.8<br>9.2 - 12.4  | 464<br>(3,848)   | 12.1<br>9.9 - 14.2  |
|                        | Female | 393<br>(3,991)   | 9.8<br>7.8 - 11.8   | 591<br>(4,511)   | 13.1<br>9.6 - 16.6  |
| Overweight OR obese    |        | 2007             |                     | 2012             |                     |
|                        |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| Total                  |        | 3,038<br>(8,802) | 34.5<br>32.0 - 37.0 | 3,064<br>(8,359) | 36.7<br>33.3 - 40.1 |
| By sex                 | Male   | 1,655<br>(4,811) | 34.4<br>31.5 - 37.2 | 1,363<br>(3,848) | 35.4<br>32.5 - 38.4 |
|                        | Female | 1,383<br>(3,991) | 34.7<br>31.4 - 37.9 | 1,701<br>(4,511) | 37.8<br>33.1 - 42.4 |

Note:

- Categories determined using updated age- and sex-specific body mass index cut-offs published by Cole et al. in 2012 (Cole & Lobstein, 2012). Therefore, results may vary from those reported in previous Youth2000 Series publications. BMI was not determined in 2001.

# Nutrition

This section includes questions on students' eating habits and dietary behaviours and how often the family eats meals together.

## Breakfast

### How often students eat breakfast

|                     |             | Always           |                     | Sometimes        |                     | Hardly ever      |                     |
|---------------------|-------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|                     |             | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>        |             | 4,560<br>(8,382) | 54.4<br>51.0 - 57.7 | 2,428<br>(8,382) | 29.0<br>26.8 - 31.1 | 1,394<br>(8,382) | 16.7<br>15.1 - 18.2 |
| <b>By sex</b>       | Male        | 2,330<br>(3,799) | 61.3<br>57.8 - 64.7 | 1,025<br>(3,799) | 27.0<br>24.2 - 29.9 | 444<br>(3,799)   | 11.7<br>10.6 - 12.8 |
|                     | Female      | 2,229<br>(4,581) | 48.6<br>44.2 - 53.0 | 1,402<br>(4,581) | 30.6<br>28.2 - 32.9 | 950<br>(4,581)   | 20.8<br>18.4 - 23.3 |
| <b>By age</b>       | 13 or less  | 1,034<br>(1,811) | 57.0<br>53.0 - 60.9 | 521<br>(1,811)   | 28.9<br>25.9 - 31.8 | 256<br>(1,811)   | 14.2<br>12.0 - 16.3 |
|                     | 14          | 1,035<br>(1,873) | 55.3<br>51.3 - 59.2 | 529<br>(1,873)   | 28.2<br>25.4 - 30.9 | 309<br>(1,873)   | 16.6<br>14.1 - 19.0 |
|                     | 15          | 916<br>(1,731)   | 52.8<br>48.8 - 56.8 | 511<br>(1,731)   | 29.5<br>26.6 - 32.4 | 304<br>(1,731)   | 17.7<br>15.4 - 19.9 |
|                     | 16          | 817<br>(1,554)   | 52.6<br>48.6 - 56.5 | 460<br>(1,554)   | 29.7<br>26.7 - 32.8 | 277<br>(1,554)   | 17.7<br>15.2 - 20.2 |
|                     | 17 or older | 752<br>(1,403)   | 53.7<br>49.8 - 57.7 | 405<br>(1,403)   | 28.8<br>25.8 - 31.7 | 246<br>(1,403)   | 17.5<br>14.8 - 20.2 |
| <b>By NZDep2006</b> | Low         | 1,707<br>(2,701) | 63.2<br>60.1 - 66.2 | 652<br>(2,701)   | 24.2<br>22.0 - 26.3 | 342<br>(2,701)   | 12.7<br>11.0 - 14.3 |
|                     | Medium      | 1,725<br>(2,980) | 57.9<br>55.0 - 60.7 | 783<br>(2,980)   | 26.3<br>24.2 - 28.4 | 472<br>(2,980)   | 15.9<br>14.3 - 17.4 |
|                     | High        | 1,076<br>(2,605) | 41.2<br>36.4 - 45.9 | 962<br>(2,605)   | 37.0<br>33.9 - 40.2 | 567<br>(2,605)   | 21.8<br>19.4 - 24.3 |
| <b>By geography</b> | Urban       | 3,735<br>(7,024) | 53.1<br>49.3 - 56.9 | 2,080<br>(7,024) | 29.6<br>27.2 - 32.1 | 1,209<br>(7,024) | 17.2<br>15.5 - 19.0 |
|                     | Rural       | 773<br>(1,262)   | 61.4<br>58.1 - 64.7 | 317<br>(1,262)   | 24.9<br>22.3 - 27.5 | 172<br>(1,262)   | 13.8<br>11.5 - 16.0 |



# Lunch

## Where students usually get lunch from<sup>1</sup>

|                     | Home          |                  | School        |                  | Shops or takeaways |                  | Other       |                  | Don't have lunch |               |
|---------------------|---------------|------------------|---------------|------------------|--------------------|------------------|-------------|------------------|------------------|---------------|
|                     | n (N)         | % 95% CI         | n (N)         | % 95% CI         | n (N)              | % 95% CI         | n (N)       | % 95% CI         | n (N)            | % 95% CI      |
| <b>Total</b>        | 7,720 (8,398) | 91.9 90.5 - 93.3 | 4,313 (8,398) | 51.7 49.0 - 54.4 | 3,284 (8,398)      | 39.0 35.7 - 42.4 | 627 (8,398) | 7.5 6.4 - 8.5    | 238 (8,398)      | 2.8 2.3 - 3.3 |
| <b>By sex</b>       |               |                  |               |                  |                    |                  |             |                  |                  |               |
| Male                | 3,533 (3,812) | 92.7 91.3 - 94.0 | 1,886 (3,812) | 49.8 47.0 - 52.6 | 1,650 (3,812)      | 43.2 40.1 - 46.4 | 337 (3,812) | 8.9 7.7 - 10.1   | 96 (3,812)       | 2.5 1.9 - 3.1 |
| Female              | 4,185 (4,584) | 91.3 89.4 - 93.2 | 2,426 (4,584) | 53.2 49.7 - 56.7 | 1,633 (4,584)      | 35.5 31.4 - 39.7 | 290 (4,584) | 6.3 5.1 - 7.5    | 142 (4,584)      | 3.1 2.4 - 3.9 |
| <b>By age</b>       |               |                  |               |                  |                    |                  |             |                  |                  |               |
| 13 or less          | 1,716 (1,813) | 94.6 93.1 - 96.1 | 981 (1,813)   | 54.3 51.3 - 57.3 | 663 (1,813)        | 36.5 32.5 - 40.5 | 137 (1,813) | 7.6 6.1 - 9.1    | 27 (1,813)       | 1.5 0.8 - 2.2 |
| 14                  | 1,742 (1,877) | 92.8 91.2 - 94.3 | 953 (1,877)   | 51.2 47.9 - 54.5 | 668 (1,877)        | 35.6 31.2 - 39.9 | 149 (1,877) | 8.0 6.3 - 9.6    | 54 (1,877)       | 2.9 2.1 - 3.7 |
| 15                  | 1,589 (1,736) | 91.5 89.7 - 93.3 | 883 (1,736)   | 51.1 47.4 - 54.8 | 635 (1,736)        | 36.5 32.2 - 40.9 | 122 (1,736) | 7.1 5.6 - 8.6    | 57 (1,736)       | 3.3 2.3 - 4.3 |
| 16                  | 1,393 (1,558) | 89.4 87.5 - 91.3 | 802 (1,558)   | 51.8 48.1 - 55.4 | 619 (1,558)        | 39.6 35.8 - 43.3 | 117 (1,558) | 7.6 6.2 - 9.0    | 68 (1,558)       | 4.3 3.3 - 5.3 |
| 17 or older         | 1,271 (1,404) | 90.6 87.3 - 93.9 | 690 (1,404)   | 49.5 45.1 - 54.0 | 696 (1,404)        | 49.5 45.3 - 53.7 | 102 (1,404) | 7.2 5.5 - 8.9    | 32 (1,404)       | 2.3 1.6 - 3.0 |
| <b>By NZDep2006</b> |               |                  |               |                  |                    |                  |             |                  |                  |               |
| Low                 | 2,539 (2,702) | 94.0 92.3 - 95.7 | 1,262 (2,702) | 47.0 43.5 - 50.4 | 843 (2,702)        | 31.2 28.6 - 33.9 | 123 (2,702) | 4.6 3.7 - 5.4    | 59 (2,702)       | 2.2 1.6 - 2.8 |
| Medium              | 2,777 (2,984) | 93.0 91.6 - 94.4 | 1,490 (2,984) | 50.3 47.2 - 53.4 | 1,052 (2,984)      | 35.2 32.5 - 37.9 | 188 (2,984) | 6.4 5.4 - 7.3    | 97 (2,984)       | 3.3 2.5 - 4.1 |
| High                | 2,318 (2,617) | 88.6 86.1 - 91.0 | 1,510 (2,617) | 58.1 54.3 - 61.9 | 1,354 (2,617)      | 51.6 46.9 - 56.4 | 309 (2,617) | 11.9 10.2 - 13.5 | 79 (2,617)       | 3.0 2.3 - 3.8 |
| <b>By geography</b> |               |                  |               |                  |                    |                  |             |                  |                  |               |
| Urban               | 6,466 (7,042) | 91.8 90.3 - 93.3 | 3,636 (7,042) | 51.9 48.8 - 54.9 | 2,828 (7,042)      | 40.2 36.5 - 43.8 | 537 (7,042) | 7.7 6.4 - 8.9    | 197 (7,042)      | 2.8 2.3 - 3.4 |
| Rural               | 1,168 (1,261) | 92.6 90.4 - 94.7 | 626 (1,261)   | 50.5 46.4 - 54.6 | 421 (1,261)        | 32.9 28.9 - 36.9 | 83 (1,261)  | 6.5 4.9 - 8.2    | 38 (1,261)       | 3.0 2.1 - 4.0 |

Note: 1. Students could choose more than one response.

# Family Meals

## Number of times all or most of a student's family ate a meal together in the last 7 days

|                     | None        |                   | 1 – 2 times   |                     | 3 – 4 times   |                     | 5 – 6 times   |                     | 7 or more times |                     |
|---------------------|-------------|-------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|-----------------|---------------------|
|                     | n (N)       | % 95% CI          | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)           | % 95% CI            |
| <b>Total</b>        | 682 (8,373) | 8.1<br>7.1 - 9.1  | 1,166 (8,373) | 13.9<br>13.1 - 14.7 | 1,308 (8,373) | 15.6<br>14.7 - 16.5 | 1,741 (8,373) | 20.8<br>19.2 - 22.5 | 3,476 (8,373)   | 41.5<br>40.1 - 42.9 |
| <b>By sex</b>       |             |                   |               |                     |               |                     |               |                     |                 |                     |
| Male                | 266 (3,794) | 7.0<br>5.9 - 8.1  | 508 (3,794)   | 13.4<br>12.2 - 14.6 | 549 (3,794)   | 14.5<br>13.4 - 15.6 | 743 (3,794)   | 19.7<br>17.7 - 21.6 | 1,728 (3,794)   | 45.5<br>43.5 - 47.4 |
| Female              | 416 (4,577) | 9.1<br>7.8 - 10.3 | 657 (4,577)   | 14.3<br>13.3 - 15.4 | 759 (4,577)   | 16.6<br>15.4 - 17.7 | 997 (4,577)   | 21.8<br>19.8 - 23.8 | 1,748 (4,577)   | 38.2<br>36.5 - 39.9 |
| <b>By age</b>       |             |                   |               |                     |               |                     |               |                     |                 |                     |
| 13 or less          | 125 (1,805) | 6.9<br>5.7 - 8.2  | 230 (1,805)   | 12.7<br>11.2 - 14.3 | 238 (1,805)   | 13.3<br>11.6 - 14.9 | 337 (1,805)   | 18.8<br>16.7 - 20.8 | 875 (1,805)     | 48.3<br>45.9 - 50.8 |
| 14                  | 143 (1,871) | 7.6<br>6.5 - 8.8  | 246 (1,871)   | 13.2<br>11.6 - 14.7 | 292 (1,871)   | 15.6<br>13.9 - 17.2 | 365 (1,871)   | 19.5<br>17.1 - 22.0 | 825 (1,871)     | 44.1<br>41.8 - 46.4 |
| 15                  | 143 (1,728) | 8.3<br>6.9 - 9.6  | 247 (1,728)   | 14.3<br>12.6 - 16.1 | 267 (1,728)   | 15.4<br>13.5 - 17.4 | 373 (1,728)   | 21.7<br>19.6 - 23.7 | 698 (1,728)     | 40.4<br>37.6 - 43.1 |
| 16                  | 129 (1,555) | 8.2<br>6.6 - 9.8  | 246 (1,555)   | 15.7<br>14.0 - 17.4 | 232 (1,555)   | 15.0<br>13.3 - 16.6 | 344 (1,555)   | 22.1<br>19.4 - 24.9 | 604 (1,555)     | 39.0<br>35.9 - 42.1 |
| 17 or older         | 140 (1,404) | 9.9<br>7.0 - 12.8 | 197 (1,404)   | 14.1<br>12.0 - 16.2 | 278 (1,404)   | 19.7<br>17.3 - 22.1 | 319 (1,404)   | 22.8<br>20.2 - 25.3 | 470 (1,404)     | 33.5<br>31.1 - 36.0 |
| <b>By NZDep2006</b> |             |                   |               |                     |               |                     |               |                     |                 |                     |
| Low                 | 172 (2,703) | 6.3<br>5.1 - 7.5  | 317 (2,703)   | 11.7<br>10.4 - 13.0 | 427 (2,703)   | 15.8<br>14.5 - 17.0 | 663 (2,703)   | 24.5<br>22.4 - 26.7 | 1,124 (2,703)   | 41.7<br>39.8 - 43.5 |
| Medium              | 257 (2,973) | 8.7<br>7.3 - 10.0 | 415 (2,973)   | 14.0<br>12.8 - 15.2 | 446 (2,973)   | 15.0<br>13.7 - 16.3 | 632 (2,973)   | 21.3<br>19.8 - 22.8 | 1,223 (2,973)   | 41.0<br>39.2 - 42.8 |
| High                | 244 (2,603) | 9.3<br>7.2 - 11.5 | 419 (2,603)   | 16.1<br>14.8 - 17.3 | 426 (2,603)   | 16.3<br>14.5 - 18.2 | 419 (2,603)   | 16.2<br>14.2 - 18.2 | 1,095 (2,603)   | 42.1<br>39.6 - 44.6 |
| <b>By geography</b> |             |                   |               |                     |               |                     |               |                     |                 |                     |
| Urban               | 584 (7,021) | 8.3<br>7.2 - 9.4  | 986 (7,021)   | 14.1<br>13.2 - 14.9 | 1,119 (7,021) | 15.9<br>14.8 - 17.0 | 1,450 (7,021) | 20.7<br>18.9 - 22.4 | 2,882 (7,021)   | 41.0<br>39.6 - 42.5 |
| Rural               | 89 (1,258)  | 6.9<br>5.2 - 8.6  | 165 (1,258)   | 13.0<br>10.6 - 15.4 | 180 (1,258)   | 14.4<br>12.8 - 16.1 | 264 (1,258)   | 21.1<br>18.6 - 23.6 | 560 (1,258)     | 44.5<br>41.0 - 48.0 |

# Dietary Behaviours

## Fruit and vegetable consumption

|                     |             | Eat 2 or more servings of fruit a day |                     | Eat 3 or more servings of vegetables a day <sup>1</sup> |                     | 2+ fruit and 3+ vegetables a day <sup>2</sup> |                     |
|---------------------|-------------|---------------------------------------|---------------------|---|---------------------|---|---------------------|
|                     |             | n (N)                                 | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 4,298<br>(8,286)                      | 51.9<br>49.8 - 54.1 | 3,059<br>(8,286)  | 37.0<br>35.0 - 39.0 | 2,482<br>(8,286)                              | 30.0<br>28.4 - 31.6 |
| <b>By sex</b>       | Male        | 1,807<br>(3,732)                      | 48.5<br>46.0 - 51.0 | 1,374<br>(3,732)  | 36.9<br>34.6 - 39.2 | 1,098<br>(3,732)                              | 29.5<br>27.5 - 31.4 |
|                     | Female      | 2,491<br>(4,552)                      | 54.8<br>52.2 - 57.4 | 1,685<br>(4,552)  | 37.1<br>35.0 - 39.2 | 1,384<br>(4,552)                              | 30.4<br>28.6 - 32.3 |
| <b>By age</b>       | 13 or less  | 957<br>(1,777)                        | 53.9<br>51.3 - 56.4 | 659<br>(1,777)  | 37.2<br>33.9 - 40.5 | 557<br>(1,777)                                | 31.4<br>28.5 - 34.2 |
|                     | 14          | 994<br>(1,856)                        | 53.7<br>50.2 - 57.1 | 704<br>(1,856)  | 38.1<br>35.4 - 40.8 | 582<br>(1,856)                                | 31.5<br>28.9 - 34.1 |
|                     | 15          | 899<br>(1,711)                        | 52.5<br>49.5 - 55.6 | 630<br>(1,711)  | 36.8<br>34.1 - 39.5 | 515<br>(1,711)                                | 30.1<br>27.6 - 32.7 |
|                     | 16          | 767<br>(1,542)                        | 50.0<br>47.1 - 52.8 | 577<br>(1,542)  | 37.5<br>34.8 - 40.2 | 454<br>(1,542)                                | 29.5<br>27.4 - 31.7 |
|                     | 17 or older | 673<br>(1,390)                        | 48.5<br>44.7 - 52.3 | 483<br>(1,390)  | 34.8<br>31.2 - 38.4 | 369<br>(1,390)                                | 26.5<br>23.4 - 29.7 |
| <b>By NZDep2006</b> | Low         | 1,438<br>(2,681)                      | 53.7<br>50.6 - 56.9 | 956<br>(2,681)  | 35.7<br>33.7 - 37.8 | 784<br>(2,681)                                | 29.3<br>27.3 - 31.4 |
|                     | Medium      | 1,456<br>(2,950)                      | 49.4<br>47.0 - 51.7 | 1,026<br>(2,950)  | 34.8<br>32.6 - 37.0 | 822<br>(2,950)                                | 27.9<br>25.9 - 29.8 |
|                     | High        | 1,362<br>(2,565)                      | 53.2<br>50.3 - 56.1 | 1,046<br>(2,565)  | 40.9<br>37.4 - 44.4 | 853<br>(2,565)                                | 33.4<br>30.6 - 36.1 |
| <b>By geography</b> | Urban       | 3,591<br>(6,949)                      | 51.8<br>49.5 - 54.0 | 2,586<br>(6,949)  | 37.3<br>35.0 - 39.5 | 2,088<br>(6,949)                              | 30.1<br>28.3 - 31.9 |
|                     | Rural       | 665<br>(1,247)                        | 53.4<br>49.9 - 56.9 | 442<br>(1,247)  | 35.6<br>32.9 - 38.2 | 371<br>(1,247)                                | 29.8<br>27.2 - 32.4 |

Notes: 1. Potatoes, taro and other starchy vegetables are included in the calculation of consumption of fruit and vegetables.  
2. As above.

### Convenience food, fizzy drink, and energy drink consumption

|                     | Fast-food eaten at least 4 times in the last 7 days |                    |  | Other takeaways eaten at least 4 times in the last 7 days |                     |  | Ate food from a dairy or petrol station at least 4 times in the last 7 days |                     |  | Consumed 4 or more fizzy drinks in the last 7 days |                     |  | Consumed 4 or more energy drinks in the last 7 days |                     |  |
|---------------------|---|--------------------|--|---|---------------------|--|---|---------------------|--|--|---------------------|--|---|---------------------|--|
|                     | n (N)   | % 95% CI           |  | n (N)   | % 95% CI            |  | n (N)   | % 95% CI            |  | n (N)  | % 95% CI            |  | n (N)   | % 95% CI            |  |
| <b>Total</b>        | 528 (8,300)   | 6.4<br>5.0 - 7.8   |  | 537 (8,301)   | 6.5<br>4.7 - 8.2    |  | 730 (8,301)   | 8.8<br>6.8 - 10.9   |  | 1,912 (8,304)                                      | 23.1<br>20.4 - 25.7 |  | 1,023 (8,304)                                       | 12.3<br>10.1 - 14.6 |  |
| <b>By sex</b>       |   |                    |  |   |                     |  |   |                     |  |  |                     |  |   |                     |  |
| Male                | 266 (3,744)   | 7.1<br>5.6 - 8.6   |  | 279 (3,744)   | 7.5<br>5.5 - 9.4    |  | 382 (3,744)   | 10.2<br>8.1 - 12.3  |  | 1,090 (3,751)                                      | 29.1<br>26.5 - 31.7 |  | 614 (3,751)   | 16.4<br>13.9 - 18.8 |  |
| Female              | 260 (4,554)   | 5.7<br>4.1 - 7.4   |  | 257 (4,555)   | 5.6<br>3.6 - 7.7    |  | 347 (4,555)   | 7.7<br>5.2 - 10.1   |  | 822 (4,551)  | 18.1<br>14.9 - 21.3 |  | 409 (4,551)   | 9.0<br>6.5 - 11.5   |  |
| <b>By age</b>       |   |                    |  |   |                     |  |   |                     |  |  |                     |  |   |                     |  |
| 13 or less          | 123 (1,785)   | 6.9<br>4.9 - 8.8   |  | 128 (1,785)   | 7.2<br>4.9 - 9.5    |  | 151 (1,785)   | 8.5<br>6.1 - 10.8   |  | 400 (1,783)  | 22.4<br>18.7 - 26.2 |  | 214 (1,783)   | 12.0<br>9.3 - 14.7  |  |
| 14                  | 111 (1,846)   | 6.0<br>4.1 - 7.9   |  | 112 (1,847)   | 6.1<br>4.2 - 8.0    |  | 178 (1,847)   | 9.7<br>6.9 - 12.4   |  | 460 (1,860)  | 24.7<br>21.3 - 28.1 |  | 252 (1,860)   | 13.6<br>11.1 - 16.1 |  |
| 15                  | 104 (1,718)   | 6.1<br>4.2 - 7.9   |  | 108 (1,718)   | 6.3<br>4.2 - 8.3    |  | 164 (1,718)   | 9.6<br>7.1 - 12.1   |  | 414 (1,714)  | 24.3<br>20.9 - 27.6 |  | 207 (1,714)   | 12.1<br>9.4 - 14.9  |  |
| 16                  | 096 (1,547)   | 6.3<br>5.0 - 7.6   |  | 99 (1,547)  | 6.5<br>4.5 - 8.5    |  | 135 (1,547)   | 8.8<br>6.7 - 10.9   |  | 336 (1,546)  | 21.8<br>18.6 - 25.1 |  | 194 (1,546)   | 12.6<br>10.2 - 15.0 |  |
| 17 or older         | 93 (1,394)  | 6.7<br>5.1 - 8.3   |  | 89 (1,394)  | 6.4<br>4.6 - 8.2    |  | 101 (1,394)   | 7.2<br>5.2 - 9.2    |  | 301 (1,391)  | 21.6<br>18.8 - 24.5 |  | 155 (1,391)   | 11.2<br>8.5 - 13.9  |  |
| <b>By NZDep2006</b> |   |                    |  |   |                     |  |   |                     |  |  |                     |  |   |                     |  |
| Low                 | 79 (2,688)  | 3.0<br>2.2 - 3.7   |  | 68 (2,688)  | 2.5<br>1.6 - 3.4    |  | 123 (2,688)   | 4.6<br>3.6 - 5.5    |  | 466 (2,692)  | 17.4<br>15.2 - 19.5 |  | 182 (2,692)   | 6.8<br>5.5 - 8.1    |  |
| Medium              | 141 (2,959)   | 4.8<br>4.0 - 5.6   |  | 120 (2,960)   | 4.1<br>3.3 - 4.9    |  | 154 (2,960)   | 5.2<br>4.3 - 6.2    |  | 592 (2,958)  | 20.1<br>18.1 - 22.0 |  | 282 (2,958)   | 9.5<br>8.1 - 11.0   |  |
| High                | 300 (2,561)   | 11.8<br>9.3 - 14.2 |  | 338 (2,561)   | 13.2<br>10.1 - 16.4 |  | 438 (2,561)   | 17.2<br>13.7 - 20.7 |  | 837 (2,563)  | 32.7<br>28.1 - 37.4 |  | 544 (2,563)   | 21.4<br>17.7 - 25.1 |  |
| <b>By geography</b> |   |                    |  |   |                     |  |   |                     |  |  |                     |  |   |                     |  |
| Urban               | 474 (6,958)   | 6.8<br>5.3 - 8.4   |  | 484 (6,959)   | 7.0<br>5.0 - 8.9    |  | 639 (6,959)   | 9.2<br>6.9 - 11.5   |  | 1,674 (6,965)                                      | 24.1<br>21.1 - 27.0 |  | 888 (6,965)   | 12.8<br>10.3 - 15.3 |  |
| Rural               | 46 (1,250)  | 3.7<br>2.6 - 4.7   |  | 42 (1,250)  | 3.3<br>2.0 - 4.6    |  | 76 (1,250)  | 6.1<br>4.5 - 7.7    |  | 221 (1,248)  | 17.8<br>15.0 - 20.5 |  | 120 (1,248)   | 9.6<br>7.4 - 11.7   |  |

## Nutrition Comparisons 2001 - 2012

| Students always eat breakfast <sup>1</sup> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total                                      |        | 4,749<br>(9,396) | 50.5<br>47.9 - 53.1 | 5,105<br>(8,789) | 58.1<br>55.0 - 61.3 | 4,560<br>(8,382) | 54.4<br>51.0 - 57.7 |
| By sex                                     | Male   | 2,596<br>(4,313) | 60.1<br>57.4 - 62.8 | 3,098<br>(4,727) | 65.6<br>62.3 - 68.8 | 2,330<br>(3,799) | 61.3<br>57.8 - 64.7 |
|  | Female | 2,153<br>(5,083) | 42.2<br>39.4 - 45.0 | 2,007<br>(4,062) | 49.5<br>46.4 - 52.6 | 2,229<br>(4,581) | 48.6<br>44.2 - 53.0 |

| Ate a meal with their family 5 or more times in the last 7 days <sup>2</sup> |        | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total  |        | 5,104<br>(8,734) | 58.5<br>56.7 - 60.3 | 5,217<br>(8,373) | 62.3<br>61.1 - 63.6 |
| By sex   | Male   | 2,874<br>(4,691) | 61.3<br>59.2 - 63.4 | 2,471<br>(3,794) | 65.1<br>63.6 - 66.6 |
|  | Female | 2,230<br>(4,043) | 55.2<br>53.3 - 57.2 | 2,745<br>(4,577) | 60.0<br>58.4 - 61.7 |

| Eat two or more servings of fruit and three or more servings of vegetables every day <sup>3</sup> |        | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total   |        | 2,337<br>(8,710) | 26.8<br>25.5 - 28.1 | 2,482<br>(8,286) | 30.0<br>28.4 - 31.6 |
| By sex  | Male   | 1,265<br>(4,666) | 27.1<br>25.4 - 28.8 | 1,098<br>(3,732) | 29.5<br>27.5 - 31.4 |
|   | Female | 1,072<br>(4,044) | 26.5<br>25.1 - 27.9 | 1,384<br>(4,552) | 30.4<br>28.6 - 32.3 |

### Notes:

1. There was a minor change in the question format from 2001 to 2007/2012, although the response options remained the same throughout. In 2001 students were asked 'Do you eat breakfast?' while in 2007/2012 students were asked 'How often do you usually eat these meals...breakfast?'
2. In 2001, the question and response options for eating meals with family differed significantly and are therefore not included in trend analyses.
3. Potatoes, taro and other starchy vegetables are included in the calculation of consumption of fruit and vegetables. Students were not asked about the consumption of fruit and vegetables in 2001.

# Exercise and Activities

This section includes questions on students' physical and leisure activities.

It is recommended that young people in New Zealand are active for at least 60 minutes every day (Sport and Recreation New Zealand, 2008), and that young people spend less than 2 hours per day (outside of school time) watching television, using the computer, or playing video games.

## Physical Activity

|                     |             | More than 20 minutes of vigorous activity <sup>1</sup> on three or more occasions in the last 7 days |                     | 60 minutes or more of physical activity daily |                     | Physical activity, sport or exercise is definitely an important part of life |                     | Participates in a sports team or club outside of school (before or after school or in the weekend) |                     |
|---------------------|-------------|--|---------------------|---|---------------------|--|---------------------|--|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 5,110<br>(8,268)   | 61.9<br>59.9 - 64.0 | 786<br>(8,209)                                | 9.6<br>8.7 - 10.5   | 4,538<br>(8,318)   | 54.6<br>52.9 - 56.4 | 4,837<br>(8,260)   | 58.7<br>55.9 - 61.4 |
| <b>By sex</b>       | Male        | 2,558<br>(3,741)   | 68.5<br>66.2 - 70.8 | 505<br>(3,718)                                | 13.6<br>12.4 - 14.7 | 2,326<br>(3,758)   | 62.0<br>59.8 - 64.2 | 2,296<br>(3,724)   | 61.8<br>59.2 - 64.5 |
|                     | Female      | 2,551<br>(4,525)   | 56.5<br>53.9 - 59.1 | 281<br>(4,489)                                | 6.3<br>5.6 - 7.0    | 2,212<br>(4,558)   | 48.6<br>46.4 - 50.7 | 2,540<br>(4,534)   | 56.0<br>52.2 - 59.9 |
| <b>By age</b>       | 13 or less  | 1,160<br>(1,773)   | 65.6<br>63.0 - 68.2 | 152<br>(1,755)                                | 8.7<br>7.3 - 10.0   | 1,040<br>(1,789)   | 58.1<br>55.8 - 60.5 | 1,089<br>(1,776)   | 61.3<br>57.5 - 65.0 |
|                     | 14          | 1,212<br>(1,855)   | 65.6<br>62.5 - 68.7 | 217<br>(1,834)                                | 11.8<br>9.8 - 13.8  | 1,053<br>(1,864)   | 56.6<br>53.9 - 59.3 | 1,155<br>(1,847)   | 62.8<br>59.1 - 66.5 |
|                     | 15          | 1,102<br>(1,709)   | 64.6<br>61.5 - 67.7 | 182<br>(1,695)                                | 10.7<br>9.3 - 12.2  | 924<br>(1,715)   | 53.9<br>51.4 - 56.4 | 1,030<br>(1,709)   | 60.4<br>57.2 - 63.5 |
|                     | 16          | 878<br>(1,536)   | 57.2<br>53.9 - 60.4 | 126<br>(1,530)                                | 8.3<br>6.6 - 9.9    | 818<br>(1,549)   | 53.1<br>50.1 - 56.0 | 843<br>(1,531)   | 55.2<br>52.1 - 58.2 |
|                     | 17 or older | 749<br>(1,385)   | 54.1<br>50.3 - 57.9 | 109<br>(1,385)                                | 7.9<br>6.4 - 9.5    | 696<br>(1,391)   | 50.1<br>46.3 - 53.8 | 712<br>(1,387)   | 51.4<br>47.6 - 55.2 |
| <b>By NZDep2006</b> | Low         | 1,777<br>(2,687)   | 66.3<br>63.5 - 69.1 | 248<br>(2,669)                                | 9.3<br>7.9 - 10.7   | 1,571<br>(2,693)   | 58.4<br>55.7 - 61.2 | 1,770<br>(2,682)   | 66.1<br>63.5 - 68.7 |
|                     | Medium      | 1,843<br>(2,942)   | 62.7<br>60.5 - 65.0 | 293<br>(2,922)                                | 10.0<br>8.6 - 11.5  | 1,579<br>(2,958)   | 53.4<br>51.4 - 55.3 | 1,731<br>(2,944)   | 58.9<br>56.0 - 61.8 |
|                     | High        | 1,445<br>(2,549)   | 56.7<br>54.2 - 59.3 | 235<br>(2,526)                                | 9.3<br>8.1 - 10.4   | 1,344<br>(2,574)   | 52.4<br>49.7 - 55.1 | 1,287<br>(2,541)   | 50.6<br>47.3 - 53.9 |
| <b>By geography</b> | Urban       | 4,220<br>(6,927)   | 61.0<br>58.9 - 63.2 | 653<br>(6,869)                                | 9.5<br>8.6 - 10.4   | 3,743<br>(6,971)   | 53.8<br>51.9 - 55.6 | 3,949<br>(6,923)   | 57.1<br>54.3 - 59.9 |
|                     | Rural       | 845<br>(1,251)   | 68.0<br>64.6 - 71.3 | 123<br>(1,248)                                | 9.9<br>8.0 - 11.8   | 751<br>(1,254)   | 60.1<br>56.9 - 63.4 | 839<br>(1,244)   | 67.9<br>64.4 - 71.4 |

Notes: 1. Any exercise or activity that makes you sweat or breathe hard, or gets your heart rate up (such as soccer or rugby, running, swimming laps, fast bicycling, etc.).

Reasons for not participating in sports team or clubs outside school<sup>1,2</sup> (table 1 of 2)

|                     | It costs too much |                     | I'm not good enough at sport |                     | I'm not interested |                     | It takes too much time |                     | None of my friends are in sports |                    | The sports I'm interested in aren't available |                     | Can't get there |                     |
|---------------------|-------------------|---------------------|------------------------------|---------------------|--------------------|---------------------|------------------------|---------------------|----------------------------------|--------------------|---|---------------------|-----------------|---------------------|
|                     | n (N)             | % 95% CI            | n (N)                        | % 95% CI            | n (N)              | % 95% CI            | n (N)                  | % 95% CI            | n (N)                            | % 95% CI           | n (N)   | % 95% CI            | n (N)           | % 95% CI            |
| <b>Total</b>        | 484 (3,379)       | 14.3<br>12.6 - 16.1 | 704 (3,379)                  | 20.8<br>19.2 - 22.4 | 1,327 (3,379)      | 39.4<br>37.2 - 41.6 | 503 (3,379)            | 15.0<br>13.1 - 16.8 | 309 (3,379)                      | 9.1<br>8.0 - 10.3  | 383 (3,379)                                   | 11.3<br>10.1 - 12.4 | 412 (3,379)     | 12.1<br>10.9 - 13.4 |
| <b>By sex</b>       |                   |                     |                              |                     |                    |                     |                        |                     |                                  |                    |   |                     |                 |                     |
| Male                | 164 (1,404)       | 11.6<br>9.6 - 13.7  | 193 (1,404)                  | 13.7<br>11.9 - 15.5 | 579 (1,404)        | 41.2<br>38.6 - 43.9 | 197 (1,404)            | 14.1<br>11.9 - 16.3 | 105 (1,404)                      | 7.4<br>5.9 - 9.0   | 152 (1,404)                                   | 10.8<br>8.7 - 13.0  | 148 (1,404)     | 10.5<br>8.7 - 12.2  |
| Female              | 320 (1,974)       | 16.3<br>14.1 - 18.4 | 510 (1,974)                  | 25.9<br>23.7 - 28.1 | 747 (1,974)        | 38.0<br>35.3 - 40.7 | 305 (1,974)            | 15.5<br>13.2 - 17.8 | 203 (1,974)                      | 10.3<br>8.9 - 11.6 | 231 (1,974)                                   | 11.6<br>10.3 - 13.0 | 264 (1,974)     | 13.3<br>11.6 - 14.9 |
| <b>By age</b>       |                   |                     |                              |                     |                    |                     |                        |                     |                                  |                    |   |                     |                 |                     |
| 13 or less          | 110 (674)         | 16.3<br>12.5 - 20.1 | 109 (674)                    | 16.1<br>13.6 - 18.7 | 251 (674)          | 37.4<br>33.7 - 41.2 | 61 (674)               | 9.0<br>6.6 - 11.4   | 47 (674)                         | 7.0<br>5.3 - 8.8   | 87 (674)                                      | 12.8<br>10.6 - 15.1 | 69 (674)        | 10.0<br>7.7 - 12.4  |
| 14                  | 104 (680)         | 15.3<br>12.2 - 18.5 | 132 (680)                    | 19.3<br>16.5 - 22.1 | 276 (680)          | 40.5<br>36.5 - 44.5 | 88 (680)               | 13.0<br>10.5 - 15.6 | 52 (680)                         | 7.5<br>5.6 - 9.4   | 91 (680)                                      | 13.6<br>10.8 - 16.3 | 91 (680)        | 13.3<br>10.7 - 15.9 |
| 15                  | 99 (672)          | 14.8<br>12.2 - 17.4 | 153 (672)                    | 22.8<br>19.5 - 26.1 | 268 (672)          | 40.0<br>35.4 - 44.5 | 102 (672)              | 15.3<br>12.1 - 18.5 | 68 (672)                         | 10.1<br>7.8 - 12.5 | 69 (672)                                      | 10.3<br>7.9 - 12.7  | 89 (672)        | 13.2<br>10.7 - 15.8 |
| 16                  | 96 (684)          | 14.0<br>10.8 - 17.1 | 154 (684)                    | 22.5<br>19.2 - 25.8 | 259 (684)          | 38.1<br>33.6 - 42.5 | 110 (684)              | 16.1<br>13.0 - 19.2 | 71 (684)                         | 10.3<br>7.6 - 12.9 | 73 (684)                                      | 10.4<br>7.9 - 12.8  | 80 (684)        | 11.5<br>9.0 - 14.0  |
| 17 or older         | 75 (667)          | 11.3<br>8.7 - 13.8  | 156 (667)                    | 23.5<br>20.2 - 26.8 | 273 (667)          | 41.0<br>37.5 - 44.5 | 142 (667)              | 21.4<br>17.9 - 24.8 | 71 (667)                         | 10.7<br>8.2 - 13.2 | 62 (667)                                      | 9.2<br>6.6 - 11.8   | 82 (667)        | 12.4<br>9.5 - 15.3  |
| <b>By NZDep2006</b> |                   |                     |                              |                     |                    |                     |                        |                     |                                  |                    |   |                     |                 |                     |
| Low                 | 92 (902)          | 10.2<br>8.2 - 12.2  | 189 (902)                    | 20.8<br>18.0 - 23.5 | 374 (902)          | 41.5<br>38.3 - 44.7 | 160 (902)              | 17.8<br>14.4 - 21.2 | 91 (902)                         | 10.1<br>8.5 - 11.6 | 107 (902)                                     | 11.9<br>9.7 - 14.1  | 103 (902)       | 11.3<br>9.0 - 13.7  |
| Medium              | 199 (1,200)       | 16.5<br>13.6 - 19.5 | 263 (1,200)                  | 22.0<br>19.5 - 24.4 | 508 (1,200)        | 42.5<br>39.3 - 45.7 | 198 (1,200)            | 16.5<br>14.2 - 18.8 | 112 (1,200)                      | 9.3<br>7.2 - 11.3  | 124 (1,200)                                   | 10.2<br>8.5 - 11.9  | 152 (1,200)     | 12.6<br>10.6 - 14.5 |
| High                | 187 (1,234)       | 15.2<br>12.2 - 18.2 | 241 (1,234)                  | 19.6<br>17.1 - 22.2 | 427 (1,234)        | 34.7<br>32.0 - 37.3 | 134 (1,234)            | 11.0<br>8.9 - 13.1  | 102 (1,234)                      | 8.2<br>6.5 - 9.9   | 146 (1,234)                                   | 11.8<br>10.2 - 13.4 | 149 (1,234)     | 12.0<br>9.7 - 14.4  |
| <b>By geography</b> |                   |                     |                              |                     |                    |                     |                        |                     |                                  |                    |   |                     |                 |                     |
| Urban               | 423 (2,937)       | 14.4<br>12.5 - 16.4 | 618 (2,937)                  | 21.0<br>19.3 - 22.8 | 1,153 (2,937)      | 39.3<br>36.9 - 41.7 | 435 (2,937)            | 14.9<br>12.9 - 16.8 | 275 (2,937)                      | 9.3<br>8.0 - 10.6  | 323 (2,937)                                   | 11.0<br>9.8 - 12.2  | 315 (2,937)     | 10.7<br>9.4 - 12.1  |
| Rural               | 55 (399)          | 13.4<br>10.3 - 16.6 | 75 (399)                     | 19.1<br>16.2 - 22.0 | 156 (399)          | 39.5<br>35.0 - 44.0 | 57 (399)               | 14.5<br>10.4 - 18.6 | 30 (399)                         | 7.6<br>5.4 - 9.7   | 54 (399)                                      | 13.4<br>10.2 - 16.6 | 89 (399)        | 22.0<br>18.7 - 25.2 |

Notes: 1. Among students not involved in sports teams or clubs. 2. Students could choose more than one response option. Continued...

Reasons for not participating in sports team or clubs outside school<sup>1,2</sup> (table 2 of 2)

|                     | I would feel shy, nervous or embarrassed |                     | I have other responsibilities |                     | My parents wouldn't let me |                  | I don't know     |                    | There are no sports facilities in my area |                     | Other               |                  |                   |
|---------------------|--|---------------------|-------------------------------|---------------------|----------------------------|------------------|------------------|--------------------|---|---------------------|---------------------|------------------|-------------------|
|                     | n (N)                                    | % 95% CI            | n (N)                         | % 95% CI            | n (N)                      | % 95% CI         | n (N)            | % 95% CI           | n (N)                                     | % 95% CI            | n (N)               | % 95% CI         |                   |
| <b>Total</b>        | 590 (3,379)                              | 17.5<br>16.0 - 19.0 | 781 (3,379)                   | 23.2<br>21.6 - 24.7 | 158 (3,379)                | 4.7<br>3.5 - 5.8 | 361 (3,379)      | 10.8<br>9.5 - 12.1 | 497 (3,379)                               | 14.6<br>13.3 - 16.0 | 131 (3,379)         | 3.9<br>3.1 - 4.6 |                   |
| <b>By sex</b>       | Male                                     | 150 (1,404)         | 10.7<br>8.8 - 12.5            | 225 (1,404)         | 16.1<br>14.3 - 17.8        | 45 (1,404)       | 3.2<br>1.9 - 4.6 | 162 (1,404)        | 11.7<br>9.7 - 13.6                        | 236 (1,404)         | 16.7<br>14.5 - 19.0 | 49 (1,404)       | 3.5<br>2.5 - 4.5  |
|                     | Female                                   | 440 (1,974)         | 22.4<br>20.4 - 24.5           | 555 (1,974)         | 28.2<br>26.3 - 30.0        | 113 (1,974)      | 5.7<br>4.3 - 7.1 | 199 (1,974)        | 10.2<br>8.7 - 11.7                        | 261 (1,974)         | 13.2<br>11.6 - 14.7 | 82 (1,974)       | 4.1<br>3.1 - 5.1  |
| <b>By age</b>       | 13 or less                               | 103 (674)           | 15.3<br>12.6 - 18.1           | 97 (674)            | 14.4<br>11.4 - 17.4        | 40 (674)         | 5.9<br>3.6 - 8.2 | 80 (674)           | 11.9<br>9.2 - 14.6                        | 120 (674)           | 17.8<br>15.0 - 20.6 | 27 (674)         | 4.0<br>2.5 - 5.6  |
|                     | 14                                       | 122 (680)           | 18.0<br>15.2 - 20.7           | 122 (680)           | 18.0<br>14.9 - 21.2        | 42 (680)         | 6.3<br>3.5 - 9.1 | 69 (680)           | 10.4<br>7.8 - 13.0                        | 121 (680)           | 17.8<br>15.1 - 20.4 | 32 (680)         | 4.7<br>2.8 - 6.5  |
|                     | 15                                       | 120 (672)           | 18.0<br>14.4 - 21.5           | 128 (672)           | 19.0<br>16.4 - 21.6        | 23 (672)         | 3.5<br>2.1 - 4.8 | 67 (672)           | 10.0<br>7.6 - 12.4                        | 103 (672)           | 15.3<br>12.6 - 17.9 | 21 (672)         | 3.1<br>1.8 - 4.5  |
|                     | 16                                       | 134 (684)           | 19.6<br>16.4 - 22.8           | 204 (684)           | 29.8<br>25.7 - 34.0        | 32 (684)         | 4.6<br>2.7 - 6.4 | 71 (684)           | 10.6<br>8.3 - 12.9                        | 85 (684)            | 12.4<br>9.3 - 15.5  | 35 (684)         | 5.0<br>3.5 - 6.5  |
| 17 or older         | 110 (667)                                | 16.6<br>13.6 - 19.6 | 230 (667)                     | 34.6<br>30.4 - 38.7 | 21 (667)                   | 3.1<br>1.6 - 4.6 | 74 (667)         | 11.2<br>8.5 - 13.9 | 67 (667)                                  | 9.9<br>7.5 - 12.4   | 16 (667)            | 2.4<br>0.9 - 3.9 |                   |
| <b>By NZDep2006</b> | Low                                      | 153 (902)           | 16.9<br>14.7 - 19.1           | 234 (902)           | 25.8<br>22.4 - 29.2        | 22 (902)         | 2.4<br>1.5 - 3.4 | 85 (902)           | 9.6<br>7.8 - 11.3                         | 135 (902)           | 15.0<br>12.3 - 17.7 | 40 (902)         | 4.4<br>2.8 - 5.9  |
|                     | Medium                                   | 208 (1,200)         | 17.4<br>14.9 - 19.9           | 274 (1,200)         | 22.8<br>20.7 - 25.0        | 47 (1,200)       | 3.9<br>2.5 - 5.3 | 149 (1,200)        | 12.5<br>10.5 - 14.6                       | 156 (1,200)         | 13.0<br>11.0 - 15.0 | 40 (1,200)       | 3.3<br>2.1 - 4.6  |
|                     | High                                     | 217 (1,234)         | 17.8<br>15.4 - 20.1           | 264 (1,234)         | 21.6<br>18.9 - 24.3        | 85 (1,234)       | 6.9<br>5.0 - 8.8 | 124 (1,234)        | 10.1<br>7.9 - 12.3                        | 206 (1,234)         | 16.5<br>14.5 - 18.5 | 49 (1,234)       | 4.0<br>2.7 - 5.3  |
| <b>By geography</b> | Urban                                    | 517 (2,937)         | 17.6<br>16.0 - 19.2           | 669 (2,937)         | 22.8<br>21.1 - 24.5        | 137 (2,937)      | 4.7<br>3.4 - 6.0 | 311 (2,937)        | 10.7<br>9.4 - 12.0                        | 448 (2,937)         | 15.2<br>13.7 - 16.6 | 97 (2,937)       | 3.3<br>2.6 - 4.0  |
|                     | Rural                                    | 61 (399)            | 15.9<br>12.5 - 19.3           | 103 (399)           | 26.3<br>22.0 - 30.6        | 17 (399)         | 4.0<br>2.0 - 6.1 | 47 (399)           | 12.1<br>9.4 - 14.8                        | 49 (399)            | 12.3<br>9.1 - 15.5  | 32 (399)         | 8.0<br>5.3 - 10.6 |

Notes:

1. Among students not involved in sports teams or clubs.
2. Students could choose more than one response option.



## Physical Activity and School

|                     |             | Attended PE class in the last 7 days |                     | Walk, bike or skate to or from school 6 or more times in the last 7 days <sup>1</sup> |                     | School encourages physical activity in students (some or very much) |                     |
|---------------------|-------------|--------------------------------------|---------------------|---|---------------------|---|---------------------|
|                     |             | n (N)                                | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 5,434<br>(8,309)                     | 65.4<br>62.5 - 68.2 | 2,700<br>(8,292)  | 32.7<br>29.5 - 35.9 | 6,239<br>(8,290)  | 75.2<br>73.1 - 77.2 |
| <b>By sex</b>       | Male        | 2,669<br>(3,760)                     | 71.0<br>67.8 - 74.2 | 1,267<br>(3,748)  | 33.9<br>30.0 - 37.8 | 2,769<br>(3,733)  | 74.1<br>72.1 - 76.0 |
|                     | Female      | 2,764<br>(4,547)                     | 60.7<br>57.8 - 63.6 | 1,433<br>(4,542)  | 31.7<br>28.2 - 35.1 | 3,468<br>(4,555)  | 76.1<br>73.2 - 79.0 |
| <b>By age</b>       | 13 or less  | 1,696<br>(1,795)                     | 94.6<br>93.0 - 96.1 | 615<br>(1,787)  | 34.7<br>31.0 - 38.3 | 1,517<br>(1,781)  | 85.1<br>83.3 - 86.9 |
|                     | 14          | 1,672<br>(1,861)                     | 90.1<br>84.9 - 95.3 | 648<br>(1,858)  | 34.9<br>30.8 - 39.1 | 1,486<br>(1,852)  | 80.3<br>78.1 - 82.4 |
|                     | 15          | 1,073<br>(1,714)                     | 62.5<br>56.2 - 68.8 | 581<br>(1,710)  | 34.2<br>30.1 - 38.3 | 1,275<br>(1,717)  | 74.2<br>71.5 - 76.8 |
|                     | 16          | 619<br>(1,538)                       | 40.1<br>35.0 - 45.3 | 484<br>(1,536)  | 31.5<br>27.0 - 36.0 | 1,042<br>(1,539)  | 67.7<br>64.2 - 71.3 |
|                     | 17 or older | 368<br>(1,391)                       | 26.3<br>22.9 - 29.6 | 368<br>(1,391)  | 26.5<br>23.4 - 29.6 | 913<br>(1,392)  | 65.4<br>61.6 - 69.1 |
| <b>By NZDep2006</b> | Low         | 1,710<br>(2,691)                     | 63.5<br>59.8 - 67.2 | 690<br>(2,688)  | 25.7<br>21.4 - 30.0 | 1,990<br>(2,691)  | 73.9<br>71.3 - 76.4 |
|                     | Medium      | 1,914<br>(2,957)                     | 64.7<br>61.6 - 67.9 | 1,041<br>(2,952)  | 35.5<br>31.6 - 39.4 | 2,200<br>(2,947)  | 74.5<br>72.2 - 76.8 |
|                     | High        | 1,746<br>(2,570)                     | 67.9<br>64.1 - 71.6 | 947<br>(2,559)  | 37.2<br>33.0 - 41.5 | 1,983<br>(2,563)  | 77.5<br>74.3 - 80.6 |
| <b>By geography</b> | Urban       | 4,531<br>(6,966)                     | 65.0<br>61.8 - 68.1 | 2,449<br>(6,952)  | 35.3<br>31.9 - 38.8 | 5,264<br>(6,958)  | 75.6<br>73.4 - 77.8 |
|                     | Rural       | 839<br>(1,252)                       | 67.2<br>63.8 - 70.5 | 229<br>(1,247)  | 18.3<br>13.6 - 23.0 | 909<br>(1,243)  | 72.9<br>69.8 - 76.0 |

Note: 1. Walking to school and home again on one day is two times; walking to school and driving home is one time.

## Leisure Activities

### Activities students do for three or more hours each day

|                     | Watch TV      |                     | Play computer games <sup>1</sup> |                     | Hang out with friends |                     | Text <sup>2</sup> |                     | Go on the Internet |                     |
|---------------------|---------------|---------------------|----------------------------------|---------------------|-----------------------|---------------------|-------------------|---------------------|--------------------|---------------------|
|                     | n (N)         | % 95% CI            | n (N)                            | % 95% CI            | n (N)                 | % 95% CI            | n (N)             | % 95% CI            | n (N)              | % 95% CI            |
| <b>Total</b>        | 2,277 (8,090) | 28.2<br>25.9 - 30.4 | 1,577 (8,090)                    | 19.5<br>17.4 - 21.7 | 2,618 (8,090)         | 32.3<br>30.8 - 33.8 | 2,381 (8,090)     | 29.4<br>27.4 - 31.5 | 2,807 (8,090)      | 34.8<br>33.2 - 36.4 |
| <b>By sex</b>       |               |                     |                                  |                     |                       |                     |                   |                     |                    |                     |
| Male                | 1,093 (3,619) | 30.2<br>27.2 - 33.2 | 1,155 (3,619)                    | 31.9<br>29.6 - 34.2 | 1,133 (3,619)         | 31.3<br>29.3 - 33.2 | 839 (3,619)       | 23.2<br>20.9 - 25.6 | 1,295 (3,619)      | 35.8<br>33.8 - 37.8 |
| Female              | 1,184 (4,469) | 26.5<br>23.7 - 29.4 | 421 (4,469)                      | 9.4<br>7.6 - 11.3   | 1,484 (4,469)         | 33.1<br>31.3 - 35.0 | 1,541 (4,469)     | 34.5<br>31.9 - 37.1 | 1,511 (4,469)      | 33.9<br>32.0 - 35.8 |
| <b>By age</b>       |               |                     |                                  |                     |                       |                     |                   |                     |                    |                     |
| 13 or less          | 483 (1,735)   | 27.7<br>25.1 - 30.4 | 387 (1,735)                      | 22.2<br>19.4 - 25.1 | 584 (1,735)           | 33.5<br>30.9 - 36.0 | 358 (1,735)       | 20.6<br>18.1 - 23.1 | 528 (1,735)        | 30.4<br>27.8 - 33.0 |
| 14                  | 565 (1,812)   | 31.2<br>28.1 - 34.2 | 420 (1,812)                      | 23.2<br>20.0 - 26.4 | 627 (1,812)           | 34.6<br>32.5 - 36.7 | 513 (1,812)       | 28.4<br>25.7 - 31.0 | 648 (1,812)        | 35.8<br>32.6 - 39.0 |
| 15                  | 485 (1,663)   | 29.3<br>26.3 - 32.3 | 309 (1,663)                      | 18.7<br>15.5 - 21.9 | 515 (1,663)           | 31.0<br>28.3 - 33.8 | 569 (1,663)       | 34.3<br>31.3 - 37.3 | 559 (1,663)        | 33.8<br>31.3 - 36.3 |
| 16                  | 377 (1,507)   | 25.1<br>22.3 - 27.9 | 271 (1,507)                      | 18.0<br>15.3 - 20.7 | 450 (1,507)           | 29.8<br>27.5 - 32.2 | 489 (1,507)       | 32.4<br>29.4 - 35.4 | 579 (1,507)        | 38.5<br>35.2 - 41.7 |
| 17 or older         | 366 (1,363)   | 26.8<br>23.5 - 30.2 | 189 (1,363)                      | 14.0<br>11.6 - 16.5 | 437 (1,363)           | 32.0<br>29.0 - 34.9 | 449 (1,363)       | 33.0<br>29.9 - 36.0 | 489 (1,363)        | 36.0<br>33.1 - 39.0 |
| <b>By NZDep2006</b> |               |                     |                                  |                     |                       |                     |                   |                     |                    |                     |
| Low                 | 565 (2,649)   | 21.4<br>18.7 - 24.0 | 355 (2,649)                      | 13.4<br>11.1 - 15.8 | 774 (2,649)           | 29.2<br>27.1 - 31.3 | 678 (2,649)       | 25.7<br>23.5 - 27.9 | 837 (2,649)        | 31.7<br>29.3 - 34.1 |
| Medium              | 773 (2,892)   | 26.8<br>24.9 - 28.7 | 549 (2,892)                      | 19.1<br>16.6 - 21.5 | 929 (2,892)           | 32.2<br>30.5 - 33.9 | 818 (2,892)       | 28.3<br>25.8 - 30.8 | 970 (2,892)        | 33.6<br>31.4 - 35.8 |
| High                | 923 (2,460)   | 37.5<br>34.8 - 40.3 | 651 (2,460)                      | 26.5<br>24.3 - 28.8 | 889 (2,460)           | 36.0<br>33.4 - 38.6 | 860 (2,460)       | 35.0<br>32.3 - 37.6 | 967 (2,460)        | 39.4<br>37.6 - 41.2 |
| <b>By geography</b> |               |                     |                                  |                     |                       |                     |                   |                     |                    |                     |
| Urban               | 1,959 (6,777) | 28.9<br>26.6 - 31.3 | 1,391 (6,777)                    | 20.6<br>18.3 - 22.9 | 2,211 (6,777)         | 32.6<br>30.8 - 34.3 | 2,027 (6,777)     | 29.9<br>27.5 - 32.3 | 2,479 (6,777)      | 36.6<br>35.2 - 38.0 |
| Rural               | 302 (1,224)   | 24.5<br>21.0 - 28.0 | 164 (1,224)                      | 13.3<br>10.6 - 16.0 | 381 (1,224)           | 31.2<br>28.2 - 34.2 | 329 (1,224)       | 26.9<br>24.6 - 29.2 | 295 (1,224)        | 24.1<br>20.6 - 27.6 |

Notes:

1. Computer or electronic games like Xbox, hand-helds, or PlayStation.
2. Sending messages by cellphone.
3. Not for school or work.

## Activities students do for one hour or more each day

|                         |             | Music, arts,<br>dance or drama |                     | Read for fun <sup>1</sup> |                     |
|-------------------------|-------------|--------------------------------|---------------------|---------------------------|---------------------|
|                         |             | n<br>(N)                       | %<br>95% CI         | n<br>(N)                  | %<br>95% CI         |
| <b>Total</b>            |             | 2,499<br>(8,090)               | 30.9<br>28.6 - 33.1 | 2,109<br>(8,090)          | 26.0<br>24.6 - 27.4 |
| <b>By sex</b>           | Male        | 819<br>(3,619)                 | 22.6<br>20.2 - 25.0 | 746<br>(3,619)            | 20.5<br>18.8 - 22.2 |
|                         | Female      | 1,679<br>(4,469)               | 37.6<br>35.2 - 40.0 | 1,362<br>(4,469)          | 30.5<br>28.6 - 32.4 |
| <b>By age</b>           | 13 or less  | 492<br>(1,735)                 | 28.3<br>25.0 - 31.6 | 503<br>(1,735)            | 29.0<br>26.5 - 31.5 |
|                         | 14          | 548<br>(1,812)                 | 30.3<br>27.1 - 33.4 | 477<br>(1,812)            | 26.3<br>23.5 - 29.2 |
|                         | 15          | 557<br>(1,663)                 | 33.5<br>30.5 - 36.4 | 430<br>(1,663)            | 25.8<br>23.5 - 28.1 |
|                         | 16          | 488<br>(1,507)                 | 32.5<br>29.3 - 35.7 | 367<br>(1,507)            | 24.3<br>21.4 - 27.2 |
|                         | 17 or older | 412<br>(1,363)                 | 30.2<br>26.3 - 34.0 | 332<br>(1,363)            | 24.2<br>21.3 - 27.1 |
| <b>By<br/>NZDep2006</b> | Low         | 736<br>(2,649)                 | 27.8<br>25.1 - 30.4 | 698<br>(2,649)            | 26.3<br>24.0 - 28.5 |
|                         | Medium      | 837<br>(2,892)                 | 28.9<br>26.8 - 31.1 | 754<br>(2,892)            | 26.0<br>24.1 - 28.0 |
|                         | High        | 899<br>(2,460)                 | 36.6<br>32.8 - 40.4 | 638<br>(2,460)            | 25.9<br>23.7 - 28.1 |
| <b>By<br/>geography</b> | Urban       | 2,187<br>(6,777)               | 32.3<br>29.9 - 34.7 | 1,771<br>(6,777)          | 26.1<br>24.7 - 27.6 |
|                         | Rural       | 285<br>(1,224)                 | 23.0<br>20.5 - 25.4 | 319<br>(1,224)            | 25.8<br>22.5 - 29.0 |

Notes: 1. Not for school or work.

## Time spent on activities each day

|   | None          |                     | Less than 1 hour |                     | 1-2 hours     |                     | 3-4 hours     |                     | 5 hours or more |                     |
|---|---------------|---------------------|------------------|---------------------|---------------|---------------------|---------------|---------------------|-----------------|---------------------|
|   | n (N)         | % 95% CI            | n (N)            | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)           | % 95% CI            |
| Homework  | 1,057 (8,090) | 13.0<br>11.1 - 14.9 | 3,818 (8,090)    | 47.2<br>44.7 - 49.7 | 2,629 (8,090) | 32.6<br>30.0 - 35.1 | 464 (8,090)   | 5.7<br>4.5 - 7.0    | 122 (8,090)     | 1.5<br>1.1 - 1.9    |
| Read for fun (not for school or work)                                   | 3,084 (8,090) | 38.2<br>36.3 - 40.0 | 2,897 (8,090)    | 35.8<br>34.2 - 37.4 | 1,430 (8,090) | 17.7<br>16.5 - 18.8 | 433 (8,090)   | 5.3<br>4.8 - 5.9    | 246 (8,090)     | 3.0<br>2.5 - 3.5    |
| Do music, arts, dance or drama  | 3,568 (8,090) | 44.1<br>41.7 - 46.5 | 2,023 (8,090)    | 25.0<br>23.9 - 26.1 | 1,578 (8,090) | 19.5<br>18.3 - 20.8 | 581 (8,090)   | 7.2<br>6.4 - 8.0    | 340 (8,090)     | 4.2<br>3.3 - 5.1    |
| Watch TV  | 639 (8,090)   | 7.9<br>6.6 - 9.2    | 2,233 (8,090)    | 27.6<br>26.2 - 29.0 | 2,941 (8,090) | 36.4<br>35.1 - 37.7 | 1,532 (8,090) | 19.0<br>17.7 - 20.2 | 745 (8,090)     | 9.2<br>7.7 - 10.7   |
| Do chores or help your mum, dad or others in the family                 | 686 (8,090)   | 8.4<br>7.4 - 9.5    | 4,172 (8,090)    | 51.6<br>48.8 - 54.5 | 2,235 (8,090) | 27.6<br>26.3 - 28.9 | 655 (8,090)   | 8.1<br>6.7 - 9.4    | 342 (8,090)     | 4.2<br>3.1 - 5.4    |
| Texting (sending messages by cellphone)                                 | 1,717 (8,090) | 21.1<br>19.1 - 23.1 | 2,646 (8,090)    | 32.7<br>30.4 - 35.1 | 1,346 (8,090) | 16.7<br>15.6 - 17.8 | 1,013 (8,090) | 12.5<br>11.6 - 13.4 | 1,368 (8,090)   | 16.9<br>15.2 - 18.6 |
| Hang out at home not doing much   | 1,029 (8,090) | 12.7<br>11.5 - 13.8 | 2,573 (8,090)    | 31.8<br>30.8 - 32.9 | 2,191 (8,090) | 27.1<br>26.0 - 28.2 | 1,311 (8,090) | 16.2<br>15.3 - 17.2 | 986 (8,090)     | 12.2<br>11.0 - 13.4 |
| Hang out with friends   | 1,069 (8,090) | 13.2<br>11.6 - 14.7 | 2,002 (8,090)    | 24.8<br>23.7 - 25.9 | 2,401 (8,090) | 29.7<br>28.4 - 31.0 | 1,425 (8,090) | 17.6<br>16.7 - 18.5 | 1,193 (8,090)   | 14.7<br>13.5 - 15.9 |
| Look after younger family members (babysitting)                         | 4,487 (8,090) | 55.5<br>52.6 - 58.3 | 1,636 (8,090)    | 20.2<br>19.1 - 21.2 | 1,046 (8,090) | 12.9<br>11.9 - 14.0 | 503 (8,090)   | 6.2<br>5.2 - 7.2    | 418 (8,090)     | 5.2<br>3.9 - 6.5    |
| Play computer or electronic games like Xbox, hand-helds, or PlayStation | 3,108 (8,090) | 38.3<br>34.6 - 42.1 | 1,834 (8,090)    | 22.7<br>21.3 - 24.1 | 1,571 (8,090) | 19.4<br>18.0 - 20.9 | 825 (8,090)   | 10.2<br>9.1 - 11.3  | 752 (8,090)     | 9.3<br>8.0 - 10.6   |
| Play toys (physically interactive computer games like Wii)              | 5,618 (8,090) | 69.5<br>67.1 - 71.9 | 1,275 (8,090)    | 15.7<br>14.9 - 16.6 | 681 (8,090)   | 8.4<br>7.4 - 9.4    | 297 (8,090)   | 3.7<br>3.0 - 4.4    | 219 (8,090)     | 2.7<br>2.0 - 3.4    |
| Go on the internet  | 554 (8,090)   | 6.8<br>5.5 - 8.0    | 2,080 (8,090)    | 25.7<br>24.1 - 27.3 | 2,649 (8,090) | 32.8<br>31.2 - 34.4 | 1,564 (8,090) | 19.4<br>18.1 - 20.6 | 1,243 (8,090)   | 15.4<br>14.1 - 16.7 |

## Activities students do while on the internet<sup>1,2</sup>

|  | Total         |                     | Male          |                     | Female        |                     |
|--|---------------|---------------------|---------------|---------------------|---------------|---------------------|
|  | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            |
| Chat or talk to others   | 6,259 (7,682) | 81.5<br>80.4 - 82.7 | 2,609 (3,459) | 75.6<br>73.7 - 77.5 | 3,648 (4,221) | 86.5<br>85.2 - 87.7 |
| School work  | 5,090 (7,682) | 66.4<br>63.9 - 68.9 | 1,931 (3,459) | 56.1<br>53.3 - 58.8 | 3,158 (4,221) | 74.9<br>72.5 - 77.4 |
| Find out about music, sport or hobbies or interests  | 4,739 (7,682) | 61.8<br>60.2 - 63.4 | 2,095 (3,459) | 60.6<br>58.8 - 62.4 | 2,642 (4,221) | 62.7<br>60.6 - 64.9 |
| Look at things to buy or sell  | 3,122 (7,682) | 40.7<br>38.1 - 43.3 | 1,429 (3,459) | 41.5<br>38.4 - 44.5 | 1,692 (4,221) | 40.1<br>37.0 - 43.3 |
| Play games by myself   | 2,768 (7,682) | 36.0<br>34.0 - 38.0 | 1,576 (3,459) | 45.4<br>43.5 - 47.3 | 1,190 (4,221) | 28.2<br>26.0 - 30.4 |
| Play games with others on the internet   | 2,175 (7,682) | 28.4<br>25.9 - 30.9 | 1,516 (3,459) | 43.8<br>41.9 - 45.7 | 657 (4,221)   | 15.6<br>13.9 - 17.3 |
| Look at porn or sex sites  | 809 (7,682)   | 10.7<br>8.4 - 12.9  | 718 (3,459)   | 21.0<br>18.3 - 23.6 | 91 (4,221)    | 2.2<br>1.7 - 2.7    |
| Gamble or bet money  | 79 (7,682)    | 1.0<br>0.7 - 1.3    | 61 (3,459)    | 1.7<br>1.2 - 2.3    | 17 (4,221)    | 0.4<br>0.2 - 0.6    |
| Do my own website or blog  | 992 (7,682)   | 12.9<br>11.5 - 14.4 | 236 (3,459)   | 6.8<br>5.9 - 7.7    | 754 (4,221)   | 17.9<br>16.0 - 19.8 |
| Look up health, dieting or physical fitness information                                      | 1,024 (7,682) | 13.4<br>12.3 - 14.5 | 346 (3,459)   | 10.1<br>8.9 - 11.2  | 677 (4,221)   | 16.1<br>14.6 - 17.6 |
| Look up a health topic that's hard to talk about like drug use, sexual health, or depression | 498 (7,682)   | 6.5<br>5.8 - 7.2    | 183 (3,459)   | 5.3<br>4.4 - 6.2    | 315 (4,221)   | 7.5<br>6.5 - 8.5    |

Notes:

1. Among students who spend time on the internet each day.
2. Students could choose more than one response option.

## Exercise and Activities Comparisons 2001 - 2012

| More than 20 minutes of vigorous activity <sup>1</sup> on three or more occasions in the last 7 days |        | 2001          |                     | 2007          |                     | 2012          |                     |
|--|--------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
|  |        | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            |
| Total  |        | 4,977 (9,285) | 53.6<br>51.7 - 55.5 | 5,544 (8,617) | 64.4<br>62.3 - 66.5 | 5,110 (8,268) | 61.9<br>59.9 - 64.0 |
| By sex   | Male   | 2,699 (4,256) | 63.4<br>61.8 - 65.1 | 3,314 (4,616) | 71.9<br>70.2 - 73.5 | 2,558 (3,741) | 68.5<br>66.2 - 70.8 |
|  | Female | 2,278 (5,029) | 45.2<br>43.0 - 47.3 | 2,230 (4,001) | 55.7<br>53.2 - 58.2 | 2,551 (4,525) | 56.5<br>53.9 - 59.1 |

Note:

1. Any exercise or activity that makes you sweat or breathe hard, or gets your heart rate up (such as soccer or rugby, running, swimming laps, fast bicycling, etc.).

# General Health

This section covers students' self-reported assessment of their overall health, long-term health problems or disabilities, oral health and questions about access to health care.

## General Health

In general how would you say your health is?

|                     | Excellent     |                     | Very good           |                     | Good                |                     | Fair                |                  | Poor             |                  |                  |
|---------------------|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|------------------|------------------|------------------|
|                     | n (N)         | % 95% CI            | n (N)               | % 95% CI            | n (N)               | % 95% CI            | n (N)               | % 95% CI         | n (N)            | % 95% CI         |                  |
| <b>Total</b>        | 2,054 (8,451) | 24.4<br>23.0 - 25.8 | 3,571 (8,451)       | 42.2<br>40.7 - 43.8 | 2,083 (8,451)       | 24.6<br>23.3 - 25.9 | 600 (8,451)         | 7.1<br>6.4 - 7.8 | 143 (8,451)      | 1.7<br>1.4 - 2.0 |                  |
| <b>By sex</b>       | Male          | 1,166 (3,849)       | 30.4<br>28.6 - 32.2 | 1,650 (3,849)       | 42.8<br>40.7 - 44.9 | 800 (3,849)         | 20.7<br>19.2 - 22.2 | 192 (3,849)      | 5.0<br>4.2 - 5.8 | 41 (3,849)       | 1.1<br>0.7 - 1.4 |
|                     | Female        | 888 (4,600)         | 19.3<br>17.9 - 20.8 | 1,920 (4,600)       | 41.7<br>39.8 - 43.7 | 1,283 (4,600)       | 27.8<br>26.2 - 29.5 | 407 (4,600)      | 8.9<br>7.8 - 9.9 | 102 (4,600)      | 2.2<br>1.7 - 2.7 |
| <b>By age</b>       | 13 or less    | 448 (1,823)         | 24.6<br>21.8 - 27.3 | 830 (1,823)         | 45.4<br>42.6 - 48.3 | 416 (1,823)         | 22.9<br>20.8 - 25.0 | 110 (1,823)      | 6.0<br>4.9 - 7.1 | 19 (1,823)       | 1.0<br>0.6 - 1.5 |
|                     | 14            | 480 (1,890)         | 25.4<br>23.4 - 27.4 | 793 (1,890)         | 42.0<br>39.5 - 44.6 | 458 (1,890)         | 24.1<br>22.3 - 25.9 | 130 (1,890)      | 6.9<br>5.6 - 8.2 | 29 (1,890)       | 1.6<br>0.9 - 2.3 |
|                     | 15            | 421 (1,749)         | 24.1<br>22.0 - 26.2 | 719 (1,749)         | 41.1<br>38.6 - 43.6 | 438 (1,749)         | 25.0<br>23.1 - 27.0 | 132 (1,749)      | 7.5<br>6.1 - 9.0 | 39 (1,749)       | 2.2<br>1.5 - 3.0 |
|                     | 16            | 380 (1,567)         | 24.4<br>21.9 - 26.9 | 612 (1,567)         | 39.1<br>36.5 - 41.6 | 416 (1,567)         | 26.4<br>24.0 - 28.8 | 125 (1,567)      | 8.0<br>6.7 - 9.3 | 34 (1,567)       | 2.1<br>1.4 - 2.9 |
|                     | 17 or older   | 322 (1,412)         | 23.0<br>20.5 - 25.5 | 613 (1,412)         | 43.4<br>40.4 - 46.4 | 354 (1,412)         | 24.9<br>22.3 - 27.5 | 102 (1,412)      | 7.2<br>5.9 - 8.6 | 21 (1,412)       | 1.5<br>0.8 - 2.1 |
| <b>By NZDep2006</b> | Low           | 686 (2,715)         | 25.3<br>23.2 - 27.5 | 1,246 (2,715)       | 45.9<br>43.8 - 48.0 | 600 (2,715)         | 22.1<br>20.2 - 24.0 | 150 (2,715)      | 5.5<br>4.4 - 6.6 | 33 (2,715)       | 1.2<br>0.8 - 1.6 |
|                     | Medium        | 714 (2,988)         | 24.0<br>22.3 - 25.6 | 1,282 (2,988)       | 42.9<br>40.7 - 45.1 | 729 (2,988)         | 24.3<br>22.3 - 26.3 | 215 (2,988)      | 7.2<br>6.1 - 8.4 | 48 (2,988)       | 1.6<br>1.2 - 2.0 |
|                     | High          | 624 (2,651)         | 23.6<br>21.6 - 25.7 | 1,008 (2,651)       | 38.0<br>35.9 - 40.0 | 731 (2,651)         | 27.5<br>25.8 - 29.2 | 228 (2,651)      | 8.6<br>7.4 - 9.8 | 60 (2,651)       | 2.3<br>1.7 - 2.9 |
| <b>By geography</b> | Urban         | 1,674 (7,086)       | 23.7<br>22.3 - 25.1 | 3,002 (7,086)       | 42.3<br>40.6 - 44.1 | 1,767 (7,086)       | 24.9<br>23.5 - 26.2 | 520 (7,086)      | 7.3<br>6.6 - 8.1 | 123 (7,086)      | 1.7<br>1.4 - 2.1 |
|                     | Rural         | 350 (1,268)         | 27.8<br>25.3 - 30.3 | 534 (1,268)         | 42.1<br>39.7 - 44.5 | 293 (1,268)         | 23.0<br>20.4 - 25.5 | 73 (1,268)       | 5.7<br>4.4 - 7.1 | 18 (1,268)       | 1.4<br>0.7 - 2.1 |

## Long-term health condition or disability

|                     |             | Long-term health problem or condition |                     | Long-term disability |                   |
|---------------------|-------------|---------------------------------------|---------------------|----------------------|-------------------|
|                     |             | n (N)                                 | % 95% CI            | n (N)                | % 95% CI          |
| <b>Total</b>        |             | 1,684<br>(8,445)                      | 19.9<br>18.8 - 21.0 | 762<br>(8,434)       | 9.0<br>8.3 - 9.7  |
| <b>By sex</b>       | Male        | 710<br>(3,846)                        | 18.4<br>16.8 - 20.1 | 349<br>(3,836)       | 9.1<br>8.2 - 9.9  |
|                     | Female      | 973<br>(4,597)                        | 21.1<br>19.7 - 22.6 | 413<br>(4,596)       | 9.0<br>8.0 - 9.9  |
| <b>By age</b>       | 13 or less  | 322<br>(1,821)                        | 17.7<br>16.0 - 19.4 | 153<br>(1,818)       | 8.3<br>7.0 - 9.7  |
|                     | 14          | 379<br>(1,887)                        | 20.0<br>18.1 - 22.0 | 165<br>(1,887)       | 8.7<br>7.3 - 10.2 |
|                     | 15          | 369<br>(1,750)                        | 21.0<br>19.0 - 23.1 | 161<br>(1,748)       | 9.2<br>7.8 - 10.5 |
|                     | 16          | 332<br>(1,567)                        | 21.1<br>18.9 - 23.4 | 150<br>(1,563)       | 9.6<br>7.8 - 11.4 |
|                     | 17 or older | 279<br>(1,410)                        | 19.8<br>17.8 - 21.8 | 132<br>(1,408)       | 9.4<br>7.7 - 11.1 |
| <b>By NZDep2006</b> | Low         | 545<br>(2,713)                        | 20.1<br>18.2 - 21.9 | 250<br>(2,711)       | 9.2<br>8.1 - 10.3 |
|                     | Medium      | 608<br>(2,989)                        | 20.3<br>18.6 - 22.0 | 277<br>(2,985)       | 9.3<br>8.1 - 10.5 |
|                     | High        | 512<br>(2,647)                        | 19.3<br>16.9 - 21.7 | 218<br>(2,642)       | 8.2<br>6.8 - 9.5  |
| <b>By geography</b> | Urban       | 1,420<br>(7,085)                      | 20.0<br>18.8 - 21.2 | 632<br>(7,073)       | 8.9<br>8.1 - 9.7  |
|                     | Rural       | 245<br>(1,264)                        | 19.3<br>17.3 - 21.4 | 113<br>(1,265)       | 9.0<br>7.6 - 10.5 |

# Health Care Access

Place that student usually goes for health care (table 1 of 2)

|                     | Family doctor, medical centre or GP clinic |                     | After-hours A&E or 24 hour A&M |                  | Hospital A&E |                  | School health clinic |                  | Youth centre |                  |
|---------------------|--|---------------------|--------------------------------|------------------|--------------|------------------|----------------------|------------------|--------------|------------------|
|                     | n (N)                                      | % 95% CI            | n (N)                          | % 95% CI         | n (N)        | % 95% CI         | n (N)                | % 95% CI         | n (N)        | % 95% CI         |
| <b>Total</b>        | 7,205 (8,424)                              | 85.6<br>84.5 - 86.7 | 168 (8,424)                    | 2.0<br>1.5 - 2.5 | 318 (8,424)  | 3.7<br>3.0 - 4.4 | 240 (8,424)          | 2.9<br>2.2 - 3.5 | 20 (8,424)   | 0.2<br>0.1 - 0.4 |
| <b>By sex</b>       |  |                     |                                |                  |              |                  |                      |                  |              |                  |
| Male                | 3,183 (3,829)                              | 83.3<br>81.8 - 84.7 | 95 (3,829)                     | 2.5<br>1.8 - 3.2 | 203 (3,829)  | 5.2<br>4.1 - 6.2 | 86 (3,829)           | 2.3<br>1.6 - 2.9 | 5 (3,829)    | 0.1<br>0.0 - 0.2 |
| Female              | 4,020 (4,592)                              | 87.5<br>86.3 - 88.8 | 73 (4,592)                     | 1.6<br>1.2 - 2.0 | 115 (4,592)  | 2.5<br>2.0 - 3.0 | 154 (4,592)          | 3.4<br>2.4 - 4.3 | 15 (4,592)   | 0.3<br>0.1 - 0.5 |
| <b>By age</b>       |  |                     |                                |                  |              |                  |                      |                  |              |                  |
| 13 or less          | 1,564 (1,810)                              | 86.5<br>84.8 - 88.3 | 42 (1,810)                     | 2.3<br>1.4 - 3.3 | 74 (1,810)   | 3.9<br>2.9 - 5.0 | 36 (1,810)           | 2.0<br>1.4 - 2.7 | 2 (1,810)    | 0.1<br>0.0 - 0.3 |
| 14                  | 1,611 (1,885)                              | 85.6<br>83.8 - 87.4 | 33 (1,885)                     | 1.8<br>1.1 - 2.4 | 84 (1,885)   | 4.3<br>3.4 - 5.3 | 47 (1,885)           | 2.5<br>1.6 - 3.4 | 6 (1,885)    | 0.3<br>0.0 - 0.6 |
| 15                  | 1,490 (1,745)                              | 85.4<br>83.5 - 87.2 | 33 (1,745)                     | 1.9<br>1.1 - 2.7 | 63 (1,745)   | 3.6<br>2.7 - 4.6 | 53 (1,745)           | 3.0<br>2.0 - 4.0 | 6 (1,745)    | 0.3<br>0.1 - 0.6 |
| 16                  | 1,311 (1,563)                              | 83.9<br>81.4 - 86.4 | 39 (1,563)                     | 2.5<br>1.6 - 3.4 | 54 (1,563)   | 3.4<br>1.8 - 4.9 | 48 (1,563)           | 3.1<br>2.0 - 4.2 | 4 (1,563)    | 0.3<br>0.0 - 0.5 |
| 17 or older         | 1,220 (1,410)                              | 86.5<br>84.4 - 88.6 | 21 (1,410)                     | 1.5<br>0.8 - 2.2 | 43 (1,410)   | 3.0<br>1.8 - 4.3 | 56 (1,410)           | 4.0<br>2.8 - 5.1 | 2 (1,410)    | 0.1<br>0.0 - 0.3 |
| <b>By NZDep2006</b> |  |                     |                                |                  |              |                  |                      |                  |              |                  |
| Low                 | 2,389 (2,711)                              | 88.2<br>86.9 - 89.4 | 59 (2,711)                     | 2.2<br>1.3 - 3.1 | 82 (2,711)   | 3.0<br>2.2 - 3.9 | 49 (2,711)           | 1.8<br>1.2 - 2.4 | 5 (2,711)    | 0.2<br>0.0 - 0.3 |
| Medium              | 2,574 (2,982)                              | 86.3<br>84.9 - 87.8 | 67 (2,982)                     | 2.3<br>1.7 - 2.8 | 101 (2,982)  | 3.3<br>2.6 - 4.0 | 64 (2,982)           | 2.2<br>1.4 - 2.9 | 9 (2,982)    | 0.3<br>0.1 - 0.5 |
| High                | 2,172 (2,634)                              | 82.6<br>80.4 - 84.8 | 38 (2,634)                     | 1.5<br>1.0 - 2.0 | 128 (2,634)  | 4.7<br>3.3 - 6.2 | 125 (2,634)          | 4.8<br>3.6 - 5.9 | 6 (2,634)    | 0.2<br>0.0 - 0.5 |
| <b>By geography</b> |  |                     |                                |                  |              |                  |                      |                  |              |                  |
| Urban               | 6,042 (7,063)                              | 85.6<br>84.4 - 86.8 | 154 (7,063)                    | 2.2<br>1.7 - 2.7 | 258 (7,063)  | 3.6<br>2.9 - 4.4 | 206 (7,063)          | 2.9<br>2.2 - 3.7 | 18 (7,063)   | 0.3<br>0.1 - 0.4 |
| Rural               | 1,093 (1,264)                              | 86.7<br>84.8 - 88.6 | 10 (1,264)                     | 0.8<br>0.3 - 1.3 | 53 (1,264)   | 4.0<br>2.8 - 5.1 | 32 (1,264)           | 2.5<br>1.5 - 3.6 | 2 (1,264)    | 0.2<br>0.0 - 0.4 |

Continued...



Place that student usually gets their health care from (table 2 of 2)

|                     | A traditional healer (e.g. tohunga, fofo) |                  | Alternative health worker <sup>1</sup> |                  | Other      |                  | I don't go anywhere for health care |                  |
|---------------------|---|------------------|--|------------------|------------|------------------|-------------------------------------|------------------|
|                     | n (N)                                     | % 95% CI         | n (N)                                  | % 95% CI         | n (N)      | % 95% CI         | n (N)                               | % 95% CI         |
| <b>Total</b>        | 30 (8,424)                                | 0.4<br>0.2 - 0.5 | 65 (8,424)                             | 0.8<br>0.6 - 1.0 | 99 (8,424) | 1.2<br>0.9 - 1.4 | 279 (8,424)                         | 3.3<br>2.9 - 3.7 |
| <b>By sex</b>       |   |                  |  |                  |            |                  |                                     |                  |
| Male                | 17 (3,829)                                | 0.4<br>0.2 - 0.7 | 28 (3,829)                             | 0.8<br>0.5 - 1.0 | 48 (3,829) | 1.2<br>1.0 - 1.5 | 164 (3,829)                         | 4.2<br>3.4 - 5.0 |
| Female              | 13 (4,592)                                | 0.3<br>0.1 - 0.4 | 37 (4,592)                             | 0.8<br>0.5 - 1.1 | 51 (4,592) | 1.1<br>0.8 - 1.4 | 114 (4,592)                         | 2.5<br>2.0 - 2.9 |
| <b>By age</b>       |   |                  |  |                  |            |                  |                                     |                  |
| 13 or less          | 7 (1,810)                                 | 0.4<br>0.1 - 0.7 | 6 (1,810)                              | 0.3<br>0.1 - 0.6 | 25 (1,810) | 1.4<br>0.7 - 2.0 | 54 (1,810)                          | 3.0<br>2.1 - 3.8 |
| 14                  | 5 (1,885)                                 | 0.3<br>0.0 - 0.5 | 15 (1,885)                             | 0.8<br>0.4 - 1.2 | 20 (1,885) | 1.1<br>0.7 - 1.5 | 64 (1,885)                          | 3.3<br>2.5 - 4.1 |
| 15                  | 6 (1,745)                                 | 0.3<br>0.0 - 0.7 | 13 (1,745)                             | 0.8<br>0.4 - 1.1 | 26 (1,745) | 1.5<br>1.0 - 2.0 | 55 (1,745)                          | 3.1<br>2.3 - 3.9 |
| 16                  | 9 (1,563)                                 | 0.6<br>0.1 - 1.0 | 18 (1,563)                             | 1.2<br>0.5 - 1.8 | 18 (1,563) | 1.1<br>0.7 - 1.6 | 62 (1,563)                          | 3.9<br>2.9 - 5.0 |
| 17 or older         | 3 (1,410)                                 | 0.2<br>0.0 - 0.5 | 13 (1,410)                             | 0.9<br>0.4 - 1.4 | 9 (1,410)  | 0.6<br>0.2 - 1.0 | 43 (1,410)                          | 3.1<br>2.1 - 4.0 |
| <b>By NZDep2006</b> |   |                  |  |                  |            |                  |                                     |                  |
| Low                 | 4 (2,711)                                 | 0.1<br>0.0 - 0.3 | 27 (2,711)                             | 1.0<br>0.6 - 1.4 | 28 (2,711) | 1.0<br>0.6 - 1.5 | 68 (2,711)                          | 2.5<br>1.8 - 3.1 |
| Medium              | 10 (2,982)                                | 0.3<br>0.1 - 0.5 | 25 (2,982)                             | 0.9<br>0.5 - 1.2 | 32 (2,982) | 1.1<br>0.7 - 1.4 | 100 (2,982)                         | 3.3<br>2.7 - 4.0 |
| High                | 15 (2,634)                                | 0.6<br>0.3 - 0.9 | 12 (2,634)                             | 0.5<br>0.2 - 0.7 | 35 (2,634) | 1.3<br>0.9 - 1.7 | 103 (2,634)                         | 3.9<br>3.0 - 4.7 |
| <b>By Geography</b> |   |                  |  |                  |            |                  |                                     |                  |
| Urban               | 28 (7,063)                                | 0.4<br>0.2 - 0.6 | 51 (7,063)                             | 0.7<br>0.5 - 1.0 | 78 (7,063) | 1.1<br>0.9 - 1.3 | 228 (7,063)                         | 3.2<br>2.8 - 3.6 |
| Rural               | 1 (1,264)                                 | 0.1<br>0.0 - 0.2 | 13 (1,264)                             | 1.1<br>0.5 - 1.6 | 17 (1,264) | 1.4<br>0.8 - 2.0 | 43 (1,264)                          | 3.3<br>2.3 - 4.3 |

Note:

1. For example a naturopath, homeopath, acupuncturist, herbalist, aromatherapist.

## Last time student went for health care

|                     |             | 0 – 12 months ago |                     | 12 – 24 months ago |                     | More than 2 years ago |                    |
|---------------------|-------------|-------------------|---------------------|--------------------|---------------------|-----------------------|--------------------|
|                     |             | n (N)             | % 95% CI            | n (N)              | % 95% CI            | n (N)                 | % 95% CI           |
| <b>Total</b>        |             | 6,617<br>(8,374)  | 79.1<br>77.5 - 80.7 | 1,085<br>(8,374)   | 12.9<br>12.0 - 13.9 | 672<br>(8,374)        | 8.0<br>7.0 - 8.9   |
| <b>By sex</b>       | Male        | 2,907<br>(3,806)  | 76.5<br>74.5 - 78.5 | 519<br>(3,806)     | 13.6<br>12.4 - 14.7 | 380<br>(3,806)        | 9.9<br>8.7 - 11.2  |
|                     | Female      | 3,709<br>(4,566)  | 81.3<br>79.4 - 83.2 | 566<br>(4,566)     | 12.4<br>11.2 - 13.6 | 291<br>(4,566)        | 6.4<br>5.3 - 7.4   |
| <b>By age</b>       | 13 or less  | 1,363<br>(1,788)  | 76.2<br>74.0 - 78.5 | 281<br>(1,788)     | 15.7<br>14.1 - 17.4 | 144<br>(1,788)        | 8.1<br>6.5 - 9.6   |
|                     | 14          | 1,477<br>(1,870)  | 79.2<br>76.9 - 81.5 | 242<br>(1,870)     | 12.8<br>11.1 - 14.5 | 151<br>(1,870)        | 8.0<br>6.6 - 9.4   |
|                     | 15          | 1,398<br>(1,742)  | 80.3<br>78.0 - 82.5 | 210<br>(1,742)     | 12.1<br>10.4 - 13.8 | 134<br>(1,742)        | 7.7<br>6.1 - 9.2   |
|                     | 16          | 1,247<br>(1,560)  | 80.0<br>77.8 - 82.2 | 178<br>(1,560)     | 11.4<br>9.9 - 12.9  | 135<br>(1,560)        | 8.5<br>7.1 - 10.0  |
|                     | 17 or older | 1,124<br>(1,404)  | 80.1<br>77.6 - 82.6 | 172<br>(1,404)     | 12.1<br>10.1 - 14.2 | 108<br>(1,404)        | 7.8<br>6.0 - 9.5   |
| <b>By NZDep2006</b> | Low         | 2,254<br>(2,706)  | 83.4<br>81.4 - 85.3 | 299<br>(2,706)     | 11.0<br>9.8 - 12.2  | 153<br>(2,706)        | 5.7<br>4.4 - 6.9   |
|                     | Medium      | 2,364<br>(2,971)  | 79.7<br>77.9 - 81.4 | 374<br>(2,971)     | 12.6<br>11.2 - 13.9 | 233<br>(2,971)        | 7.8<br>6.8 - 8.8   |
|                     | High        | 1,933<br>(2,602)  | 74.3<br>72.0 - 76.6 | 394<br>(2,602)     | 15.1<br>13.5 - 16.8 | 275<br>(2,602)        | 10.6<br>9.1 - 12.0 |
| <b>By geography</b> | Urban       | 5,523<br>(7,018)  | 78.7<br>77.0 - 80.4 | 923<br>(7,018)     | 13.1<br>12.1 - 14.2 | 572<br>(7,018)        | 8.1<br>7.1 - 9.1   |
|                     | Rural       | 1,028<br>(1,261)  | 81.8<br>79.1 - 84.5 | 144<br>(1,261)     | 11.1<br>9.1 - 13.2  | 89<br>(1,261)         | 7.0<br>5.3 - 8.8   |

Health care services accessed in the last 12 months<sup>1</sup> (table 1 of 2)

|                     | Family doctor, medical centre or GP clinic |      |             | After-hours A&E or 24 hour A&M |      |             | Hospital A&E  |      |             | School health clinic |      |             | Youth centre |     |           | Family planning or sexual health clinic |     |            |
|---------------------|--|------|-------------|--------------------------------|------|-------------|---------------|------|-------------|----------------------|------|-------------|--------------|-----|-----------|---|-----|------------|
|                     | n (N)                                      | %    | 95% CI      | n (N)                          | %    | 95% CI      | n (N)         | %    | 95% CI      | n (N)                | %    | 95% CI      | n (N)        | %   | 95% CI    | n (N)                                   | %   | 95% CI     |
| <b>Total</b>        | 6,237 (8,416)                              | 74.2 | 72.5 - 75.9 | 1,193 (8,416)                  | 14.3 | 12.2 - 16.3 | 1,330 (8,416) | 15.8 | 14.3 - 17.3 | 1,520 (8,416)        | 18.2 | 15.2 - 21.2 | 82 (8,416)   | 1.0 | 0.7 - 1.3 | 360 (8,416)                             | 4.3 | 3.6 - 5.0  |
| <b>By sex</b>       |  |      |             |                                |      |             |               |      |             |                      |      |             |              |     |           |   |     |            |
| Male                | 2,667 (3,826)                              | 69.9 | 67.8 - 71.9 | 513 (3,826)                    | 13.5 | 10.6 - 16.4 | 658 (3,826)   | 17.2 | 15.3 - 19.1 | 565 (3,826)          | 14.9 | 11.7 - 18.2 | 24 (3,826)   | 0.7 | 0.4 - 1.0 | 70 (3,826)                              | 1.9 | 1.3 - 2.5  |
| Female              | 3,569 (4,588)                              | 77.9 | 75.9 - 79.8 | 680 (4,588)                    | 14.9 | 12.5 - 17.3 | 671 (4,588)   | 14.7 | 13.1 - 16.3 | 955 (4,588)          | 20.9 | 17.0 - 24.9 | 58 (4,588)   | 1.3 | 0.8 - 1.7 | 290 (4,588)                             | 6.4 | 5.3 - 7.4  |
| <b>By age</b>       |  |      |             |                                |      |             |               |      |             |                      |      |             |              |     |           |   |     |            |
| 13 or less          | 1,292 (1,814)                              | 71.3 | 68.9 - 73.6 | 220 (1,814)                    | 12.2 | 9.9 - 14.5  | 249 (1,814)   | 13.7 | 11.7 - 15.7 | 281 (1,814)          | 15.6 | 12.7 - 18.4 | 05 (1,814)   | 0.3 | 0.0 - 0.6 | 18 (1,814)                              | 1.0 | 0.5 - 1.5  |
| 14                  | 1,383 (1,880)                              | 73.8 | 71.4 - 76.3 | 241 (1,880)                    | 12.9 | 10.3 - 15.4 | 289 (1,880)   | 15.4 | 13.5 - 17.3 | 328 (1,880)          | 17.6 | 14.0 - 21.2 | 21 (1,880)   | 1.1 | 0.6 - 1.7 | 33 (1,880)                              | 1.7 | 1.1 - 2.4  |
| 15                  | 1,327 (1,743)                              | 76.1 | 73.8 - 78.4 | 269 (1,743)                    | 15.4 | 12.7 - 18.2 | 279 (1,743)   | 16.0 | 14.0 - 17.9 | 331 (1,743)          | 19.1 | 15.4 - 22.7 | 19 (1,743)   | 1.1 | 0.5 - 1.7 | 77 (1,743)                              | 4.5 | 3.3 - 5.6  |
| 16                  | 1,164 (1,561)                              | 74.7 | 72.2 - 77.3 | 255 (1,561)                    | 16.5 | 13.6 - 19.3 | 271 (1,561)   | 17.3 | 15.1 - 19.5 | 311 (1,561)          | 20.1 | 16.6 - 23.6 | 21 (1,561)   | 1.4 | 0.7 - 2.0 | 112 (1,561)                             | 7.2 | 5.7 - 8.7  |
| 17 or older         | 1,064 (1,408)                              | 75.6 | 72.7 - 78.6 | 206 (1,408)                    | 14.8 | 12.0 - 17.5 | 237 (1,408)   | 16.9 | 14.2 - 19.7 | 269 (1,408)          | 19.2 | 15.2 - 23.2 | 16 (1,408)   | 1.2 | 0.5 - 1.8 | 120 (1,408)                             | 8.6 | 6.5 - 10.7 |
| <b>By NZDep2006</b> |  |      |             |                                |      |             |               |      |             |                      |      |             |              |     |           |   |     |            |
| Low                 | 2,141 (2,707)                              | 79.2 | 77.1 - 81.3 | 515 (2,707)                    | 19.1 | 16.1 - 22.1 | 460 (2,707)   | 17.0 | 15.2 - 18.8 | 452 (2,707)          | 16.8 | 12.8 - 20.8 | 19 (2,707)   | 0.7 | 0.4 - 1.1 | 125 (2,707)                             | 4.6 | 3.7 - 5.6  |
| Medium              | 2,246 (2,982)                              | 75.4 | 73.5 - 77.3 | 429 (2,982)                    | 14.5 | 12.4 - 16.5 | 485 (2,982)   | 16.3 | 14.6 - 18.0 | 516 (2,982)          | 17.5 | 13.8 - 21.1 | 35 (2,982)   | 1.2 | 0.7 - 1.7 | 134 (2,982)                             | 4.5 | 3.6 - 5.4  |
| High                | 1,789 (2,631)                              | 68.1 | 66.2 - 70.0 | 244 (2,631)                    | 9.3  | 7.6 - 11.0  | 372 (2,631)   | 14.1 | 11.8 - 16.3 | 535 (2,631)          | 20.5 | 17.3 - 23.7 | 27 (2,631)   | 1.0 | 0.6 - 1.5 | 97 (2,631)                              | 3.7 | 2.8 - 4.7  |
| <b>By geography</b> |  |      |             |                                |      |             |               |      |             |                      |      |             |              |     |           |   |     |            |
| Urban               | 5,210 (7,061)                              | 73.8 | 72.1 - 75.5 | 1,031 (7,061)                  | 14.6 | 12.4 - 16.8 | 1,077 (7,061) | 15.3 | 13.7 - 16.9 | 1,316 (7,061)        | 18.7 | 15.6 - 21.8 | 73 (7,061)   | 1.0 | 0.7 - 1.4 | 290 (7,061)                             | 4.1 | 3.5 - 4.8  |
| Rural               | 966 (1,259)                                | 77.4 | 74.3 - 80.4 | 157 (1,259)                    | 12.9 | 9.8 - 16.0  | 240 (1,259)   | 19.1 | 16.6 - 21.5 | 187 (1,259)          | 15.2 | 10.9 - 19.5 | 08 (1,259)   | 0.7 | 0.2 - 1.1 | 66 (1,259)                              | 5.4 | 3.7 - 7.0  |

Note:

1. Students could choose more than one response option.

Continued...

Health care services accessed in the last 12 months<sup>1</sup> (table 2 of 2)

|                     | Alternative health worker <sup>2</sup> |                                 | Chemist or pharmacy                  |                                | Traditional healer (e.g. tohunga, fofo) |                                 | An alcohol or drug service |                  | Other       |                  |
|---------------------|--|---------------------------------|--------------------------------------|--------------------------------|---|---------------------------------|----------------------------|------------------|-------------|------------------|
|                     | n (N)                                  | % 95% CI                        | n (N)                                | % 95% CI                       | n (N)                                   | % 95% CI                        | n (N)                      | % 95% CI         | n (N)       | % 95% CI         |
| <b>Total</b>        | 281 (8,416)                            | 3.4<br>2.7 - 4.0                | 2,454 (8,416)                        | 29.2<br>26.7 - 31.8            | 91 (8,416)                              | 1.1<br>0.8 - 1.4                | 62 (8,416)                 | 0.7<br>0.5 - 0.9 | 305 (8,416) | 3.6<br>3.2 - 4.0 |
| <b>By sex</b>       | Male                                   | 80 (3,826)<br>2.1<br>1.6 - 2.6  | 836 (3,826)<br>21.9<br>19.6 - 24.3   | 29 (3,826)<br>0.8<br>0.5 - 1.0 | 27 (3,826)<br>0.7<br>0.4 - 1.0          | 136 (3,826)<br>3.5<br>2.8 - 4.2 |                            |                  |             |                  |
|                     | Female                                 | 201 (4,588)<br>4.4<br>3.5 - 5.3 | 1,618 (4,588)<br>35.3<br>32.1 - 38.6 | 62 (4,588)<br>1.4<br>0.8 - 1.9 | 35 (4,588)<br>0.7<br>0.5 - 1.0          | 169 (4,588)<br>3.7<br>3.1 - 4.2 |                            |                  |             |                  |
| <b>By age</b>       | 13 or less                             | 34 (1,814)<br>1.9<br>1.1 - 2.7  | 467 (1,814)<br>25.8<br>23.2 - 28.4   | 12 (1,814)<br>0.6<br>0.2 - 1.1 | 3 (1,814)<br>0.2<br>0.0 - 0.4           | 69 (1,814)<br>3.7<br>2.8 - 4.6  |                            |                  |             |                  |
|                     | 14                                     | 53 (1,880)<br>2.8<br>2.0 - 3.7  | 510 (1,880)<br>27.3<br>24.0 - 30.5   | 24 (1,880)<br>1.3<br>0.7 - 1.9 | 11 (1,880)<br>0.6<br>0.2 - 1.0          | 68 (1,880)<br>3.6<br>2.8 - 4.5  |                            |                  |             |                  |
|                     | 15                                     | 65 (1,743)<br>3.7<br>2.7 - 4.7  | 519 (1,743)<br>29.7<br>26.7 - 32.8   | 22 (1,743)<br>1.3<br>0.7 - 1.9 | 25 (1,743)<br>1.5<br>0.9 - 2.1          | 55 (1,743)<br>3.1<br>2.2 - 4.1  |                            |                  |             |                  |
|                     | 16                                     | 68 (1,561)<br>4.3<br>3.3 - 5.4  | 471 (1,561)<br>30.2<br>26.5 - 33.8   | 19 (1,561)<br>1.2<br>0.7 - 1.7 | 15 (1,561)<br>0.9<br>0.4 - 1.4          | 55 (1,561)<br>3.5<br>2.7 - 4.3  |                            |                  |             |                  |
|                     | 17 or older                            | 61 (1,408)<br>4.4<br>3.3 - 5.4  | 483 (1,408)<br>34.4<br>30.7 - 38.1   | 14 (1,408)<br>1.0<br>0.6 - 1.4 | 8 (1,408)<br>0.5<br>0.2 - 0.9           | 57 (1,408)<br>4.0<br>3.0 - 4.9  |                            |                  |             |                  |
| <b>By NZDep2006</b> | Low                                    | 123 (2,707)<br>4.5<br>3.5 - 5.5 | 986 (2,707)<br>36.5<br>33.6 - 39.3   | 21 (2,707)<br>0.8<br>0.5 - 1.1 | 21 (2,707)<br>0.8<br>0.5 - 1.1          | 114 (2,707)<br>4.2<br>3.4 - 5.0 |                            |                  |             |                  |
|                     | Medium                                 | 107 (2,982)<br>3.6<br>2.8 - 4.4 | 891 (2,982)<br>29.9<br>27.4 - 32.4   | 29 (2,982)<br>1.0<br>0.6 - 1.3 | 21 (2,982)<br>0.7<br>0.4 - 1.0          | 100 (2,982)<br>3.4<br>2.7 - 4.0 |                            |                  |             |                  |
|                     | High                                   | 47 (2,631)<br>1.8<br>1.1 - 2.5  | 557 (2,631)<br>21.3<br>18.9 - 23.6   | 39 (2,631)<br>1.5<br>0.7 - 2.2 | 20 (2,631)<br>0.8<br>0.4 - 1.1          | 88 (2,631)<br>3.3<br>2.6 - 3.9  |                            |                  |             |                  |
| <b>By geography</b> | Urban                                  | 235 (7,061)<br>3.3<br>2.7 - 4.0 | 2,048 (7,061)<br>29.0<br>26.3 - 31.7 | 83 (7,061)<br>1.2<br>0.8 - 1.5 | 52 (7,061)<br>0.7<br>0.5 - 1.0          | 254 (7,061)<br>3.6<br>3.1 - 4.1 |                            |                  |             |                  |
|                     | Rural                                  | 42 (1,259)<br>3.4<br>1.7 - 5.0  | 386 (1,259)<br>31.0<br>27.5 - 34.5   | 6 (1,259)<br>0.5<br>0.1 - 0.8  | 10 (1,259)<br>0.7<br>0.3 - 1.2          | 48 (1,259)<br>3.7<br>2.7 - 4.7  |                            |                  |             |                  |

Notes:

1. Students could choose more than one response option.
2. For example a naturopath, homeopath, acupuncturist, herbalist, aromatherapist.

## Quality and access to health care

|                     |             | Talked with a health provider in private <sup>1,2</sup> |                     | Health provider assured confidentiality <sup>2</sup> |                     | Unable to access health care when needed in the last 12 months |                     |
|---------------------|-------------|---|---------------------|--|---------------------|--|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 2,450<br>(6,667)  | 36.8<br>34.9 - 38.7 | 3,042<br>(6,629)                                     | 46.0<br>43.6 - 48.3 | 1,566<br>(8,414)   | 18.6<br>17.6 - 19.6 |
| <b>By sex</b>       | Male        | 1,059<br>(2,934)  | 36.3<br>33.1 - 39.4 | 1,211<br>(2,914)                                     | 41.7<br>38.2 - 45.2 | 597<br>(3,820)   | 15.6<br>14.3 - 16.8 |
|                     | Female      | 1,391<br>(3,732)  | 37.2<br>35.3 - 39.2 | 1,831<br>(3,714)                                     | 49.3<br>46.8 - 51.8 | 969<br>(4,592)   | 21.1<br>19.6 - 22.6 |
| <b>By age</b>       | 13 or less  | 325<br>(1,393)  | 23.3<br>20.8 - 25.7 | 489<br>(1,374)                                       | 35.6<br>32.8 - 38.3 | 254<br>(1,809)   | 14.0<br>12.2 - 15.8 |
|                     | 14          | 425<br>(1,485)  | 28.7<br>26.2 - 31.1 | 616<br>(1,482)                                       | 41.6<br>38.0 - 45.1 | 355<br>(1,880)   | 18.9<br>16.8 - 20.9 |
|                     | 15          | 477<br>(1,404)  | 34.0<br>30.9 - 37.1 | 633<br>(1,397)                                       | 45.3<br>42.0 - 48.7 | 337<br>(1,745)   | 19.4<br>17.5 - 21.2 |
|                     | 16          | 576<br>(1,252)  | 46.1<br>42.6 - 49.5 | 677<br>(1,246)                                       | 54.5<br>50.8 - 58.1 | 331<br>(1,563)   | 21.1<br>19.2 - 23.0 |
|                     | 17 or older | 645<br>(1,125)  | 57.5<br>53.6 - 61.4 | 623<br>(1,122)                                       | 55.7<br>51.5 - 59.9 | 287<br>(1,407)   | 20.4<br>18.4 - 22.3 |
| <b>By NZDep2006</b> | Low         | 795<br>(2,256)  | 35.3<br>33.2 - 37.5 | 987<br>(2,246)                                       | 44.0<br>41.3 - 46.7 | 420<br>(2,708)   | 15.5<br>13.9 - 17.1 |
|                     | Medium      | 868<br>(2,376)  | 36.6<br>33.9 - 39.4 | 1,074<br>(2,367)                                     | 45.5<br>42.5 - 48.5 | 545<br>(2,983)   | 18.3<br>17.0 - 19.5 |
|                     | High        | 755<br>(1,968)  | 38.3<br>35.7 - 41.0 | 952<br>(1,948)                                       | 48.9<br>45.4 - 52.4 | 578<br>(2,626)   | 22.0<br>20.3 - 23.6 |
| <b>By geography</b> | Urban       | 2,015<br>(5,573)  | 36.3<br>34.3 - 38.2 | 2,506<br>(5,534)                                     | 45.4<br>42.8 - 47.9 | 1,329<br>(7,056)   | 18.8<br>17.7 - 19.9 |
|                     | Rural       | 403<br>(1,027)  | 39.1<br>35.0 - 43.3 | 507<br>(1,027)                                       | 49.4<br>45.8 - 53.0 | 214<br>(1,261)   | 16.7<br>14.5 - 19.0 |

### Notes:

1. Without parents or other people in the room.
2. Among students who accessed health care in the last 12 months.

**Reasons students were unable to access health care when needed (table 1 of 2)**

|                     | Didn't know how to <sup>1</sup> |                     | Had no transport to get there |                     | Couldn't get an appointment <sup>2</sup> |                     | Couldn't get in touch with the health professional or the person I usually see |                     | Didn't want to make a fuss |                     | Couldn't be bothered |                     | Didn't feel comfortable with the person |                     |                     |
|---------------------|---------------------------------|---------------------|-------------------------------|---------------------|--|---------------------|--|---------------------|----------------------------|---------------------|----------------------|---------------------|---|---------------------|---------------------|
|                     | n (N)                           | % 95% CI            | n (N)                         | % 95% CI            | n (N)                                    | % 95% CI            | n (N)  | % 95% CI            | n (N)                      | % 95% CI            | n (N)                | % 95% CI            | n (N)                                   | % 95% CI            |                     |
| <b>Total</b>        | 346 (1,514)                     | 23.0<br>20.5 - 25.4 | 420 (1,514)                   | 27.7<br>25.4 - 30.0 | 262 (1,514)                              | 17.4<br>15.1 - 19.7 | 188 (1,514)  | 12.5<br>10.7 - 14.2 | 701 (1,514)                | 46.2<br>43.2 - 49.1 | 404 (1,514)          | 26.7<br>24.6 - 28.9 | 241 (1,514)                             | 16.0<br>13.7 - 18.2 |                     |
| <b>By sex</b>       | Male                            | 128 (569)           | 22.6<br>18.8 - 26.3           | 133 (569)           | 23.1<br>19.4 - 26.9                      | 92 (569)            | 16.4<br>12.8 - 20.0  | 65 (569)            | 11.4<br>8.7 - 14.0         | 232 (569)           | 40.8<br>36.0 - 45.5  | 158 (569)           | 27.8<br>24.4 - 31.2                     | 53 (569)            | 9.3<br>7.0 - 11.5   |
|                     | Female                          | 218 (945)           | 23.2<br>20.4 - 26.0           | 287 (945)           | 30.4<br>27.0 - 33.8                      | 170 (945)           | 18.0<br>15.1 - 20.9  | 123 (945)           | 13.1<br>10.8 - 15.4        | 469 (945)           | 49.5<br>46.0 - 52.9  | 246 (945)           | 26.1<br>23.4 - 28.9                     | 188 (945)           | 20.0<br>17.1 - 22.9 |
| <b>By age</b>       | 13 or less                      | 053 (244)           | 21.7<br>16.2 - 27.2           | 53 (244)            | 21.6<br>15.7 - 27.4                      | 37 (244)            | 15.4<br>10.3 - 20.5  | 25 (244)            | 10.1<br>7.0 - 13.1         | 101 (244)           | 41.0<br>34.6 - 47.3  | 52 (244)            | 21.2<br>16.3 - 26.1                     | 33 (244)            | 13.1<br>9.0 - 17.2  |
|                     | 14                              | 093 (338)           | 27.7<br>22.3 - 33.1           | 78 (338)            | 22.9<br>19.2 - 26.7                      | 52 (338)            | 15.5<br>11.5 - 19.5  | 39 (338)            | 11.6<br>8.1 - 15.1         | 170 (338)           | 50.3<br>44.5 - 56.1  | 82 (338)            | 24.4<br>20.1 - 28.6                     | 51 (338)            | 15.3<br>11.0 - 19.5 |
|                     | 15                              | 084 (327)           | 25.7<br>20.6 - 30.9           | 120 (327)           | 36.8<br>32.4 - 41.2                      | 59 (327)            | 18.2<br>13.7 - 22.6  | 45 (327)            | 13.8<br>9.8 - 17.7         | 162 (327)           | 49.7<br>44.3 - 55.2  | 90 (327)            | 27.6<br>22.8 - 32.4                     | 55 (327)            | 16.9<br>11.9 - 21.8 |
|                     | 16                              | 057 (324)           | 17.7<br>13.4 - 22.0           | 99 (324)            | 30.3<br>25.0 - 35.5                      | 48 (324)            | 14.8<br>10.6 - 19.0  | 41 (324)            | 12.7<br>9.5 - 16.0         | 151 (324)           | 46.4<br>40.7 - 52.1  | 102 (324)           | 31.5<br>26.4 - 36.5                     | 63 (324)            | 19.6<br>15.0 - 24.1 |
|                     | 17 or older                     | 058 (279)           | 20.9<br>14.6 - 27.2           | 69 (279)            | 24.8<br>19.6 - 30.1                      | 66 (279)            | 23.7<br>18.7 - 28.7  | 38 (279)            | 13.8<br>9.4 - 18.2         | 116 (279)           | 41.3<br>36.4 - 46.2  | 77 (279)            | 27.8<br>22.4 - 33.3                     | 39 (279)            | 14.1<br>10.2 - 18.1 |
| <b>By NZDep2006</b> | Low                             | 081 (403)           | 19.9<br>15.9 - 24.0           | 104 (403)           | 25.7<br>21.3 - 30.1                      | 72 (403)            | 18.0<br>14.1 - 21.8  | 30 (403)            | 7.5<br>5.1 - 9.9           | 186 (403)           | 45.9<br>40.8 - 51.0  | 108 (403)           | 27.0<br>22.3 - 31.6                     | 61 (403)            | 15.2<br>11.1 - 19.3 |
|                     | Medium                          | 123 (529)           | 23.4<br>19.7 - 27.1           | 147 (529)           | 27.8<br>24.3 - 31.3                      | 91 (529)            | 17.3<br>13.6 - 21.0  | 65 (529)            | 12.5<br>9.4 - 15.5         | 269 (529)           | 50.9<br>46.8 - 55.0  | 134 (529)           | 25.4<br>21.7 - 29.2                     | 86 (529)            | 16.3<br>13.2 - 19.3 |
|                     | High                            | 132 (563)           | 23.7<br>19.6 - 27.8           | 163 (563)           | 28.8<br>25.2 - 32.4                      | 96 (563)            | 17.1<br>13.8 - 20.4  | 91 (563)            | 16.1<br>13.4 - 18.8        | 241 (563)           | 42.6<br>38.3 - 47.0  | 157 (563)           | 27.9<br>24.4 - 31.4                     | 91 (563)            | 16.2<br>12.5 - 20.0 |
| <b>By geography</b> | Urban                           | 305 (1,291)         | 23.6<br>20.9 - 26.3           | 356 (1,291)         | 27.6<br>25.3 - 29.9                      | 219 (1,291)         | 17.0<br>14.5 - 19.5  | 160 (1,291)         | 12.4<br>10.5 - 14.3        | 597 (1,291)         | 46.2<br>43.1 - 49.4  | 347 (1,291)         | 26.9<br>24.6 - 29.2                     | 207 (1,291)         | 16.1<br>13.5 - 18.6 |
|                     | Rural                           | 031 (204)           | 15.7<br>10.4 - 21.0           | 58 (204)            | 27.6<br>21.2 - 34.0                      | 40 (204)            | 20.1<br>14.9 - 25.2  | 26 (204)            | 13.1<br>9.0 - 17.2         | 99 (204)            | 47.7<br>40.3 - 55.2  | 52 (204)            | 25.8<br>19.4 - 32.1                     | 31 (204)            | 15.3<br>11.9 - 18.6 |

Continued...

Notes:  
 Among students who were unable to access health care in the last 12 months.  
 Students could choose more than one option.  
 1. For example, didn't know where to go or who to call for help or advice.  
 2. For example, the appointment times or service opening hours were not convenient.

Reasons students were unable to access healthcare when needed<sup>1,2</sup> (table 2 of 2)

|                     | Staff were unfriendly |                  | Too scared  |                     | Too embarrassed |                     | Hoping that the problem would go away or get better with time |                     | Worried it wouldn't be kept private |                     | Had no one else to go with |                     | Cost too much |                     | Other       |                     |
|---------------------|-----------------------|------------------|-------------|---------------------|-----------------|---------------------|---|---------------------|-------------------------------------|---------------------|----------------------------|---------------------|---------------|---------------------|-------------|---------------------|
|                     | n (N)                 | % 95% CI         | n (N)       | % 95% CI            | n (N)           | % 95% CI            | n (N)   | % 95% CI            | n (N)                               | % 95% CI            | n (N)                      | % 95% CI            | n (N)         | % 95% CI            | n (N)       | % 95% CI            |
| <b>Total</b>        | 49 (1,514)            | 3.3<br>2.3 - 4.2 | 402 (1,514) | 26.6<br>24.0 - 29.1 | 447 (1,514)     | 29.6<br>26.9 - 32.2 | 775 (1,514)   | 51.1<br>47.7 - 54.4 | 257 (1,514)                         | 17.0<br>15.2 - 18.8 | 262 (1,514)                | 17.3<br>15.2 - 19.4 | 390 (1,514)   | 25.7<br>23.2 - 28.3 | 173 (1,514) | 11.4<br>9.7 - 13.1  |
| <b>By sex</b>       | 17 (569)              | 3.0<br>1.4 - 4.7 | 82 (569)    | 14.3<br>11.7 - 17.0 | 111 (569)       | 19.5<br>16.2 - 22.7 | 243 (569)   | 42.5<br>37.7 - 47.2 | 61 (569)                            | 10.7<br>8.2 - 13.3  | 65 (569)                   | 11.4<br>8.6 - 14.2  | 126 (569)     | 22.1<br>17.9 - 26.3 | 82 (569)    | 14.4<br>11.4 - 17.4 |
| Male                |                       |                  |             |                     |                 |                     |   |                     |                                     |                     |                            |                     |               |                     |             |                     |
| Female              | 32 (945)              | 3.4<br>2.3 - 4.5 | 320 (945)   | 33.9<br>30.7 - 37.2 | 336 (945)       | 35.7<br>32.6 - 38.8 | 532 (945)   | 56.3<br>52.7 - 59.9 | 196 (945)                           | 20.8<br>18.2 - 23.4 | 197 (945)                  | 20.9<br>18.1 - 23.7 | 264 (945)     | 27.9<br>24.9 - 30.9 | 91 (945)    | 9.6<br>7.6 - 11.6   |
| <b>By age</b>       | 11 (327)              | 4.4<br>0.7 - 3.8 | 57 (327)    | 23.2<br>18.5 - 27.8 | 68 (327)        | 27.9<br>22.1 - 33.6 | 107 (327)   | 43.6<br>36.8 - 50.4 | 33 (327)                            | 13.6<br>8.4 - 18.8  | 38 (327)                   | 15.7<br>10.7 - 20.8 | 45 (327)      | 18.5<br>13.6 - 23.4 | 41 (327)    | 17.0<br>12.6 - 21.4 |
| 13 or less          |                       |                  |             |                     |                 |                     |   |                     |                                     |                     |                            |                     |               |                     |             |                     |
| 14                  | 10 (338)              | 3.0<br>1.3 - 4.6 | 89 (338)    | 26.4<br>20.9 - 32.0 | 106 (338)       | 31.4<br>25.5 - 37.4 | 180 (338)   | 53.2<br>47.2 - 59.1 | 62 (338)                            | 18.2<br>13.9 - 22.5 | 61 (338)                   | 17.9<br>13.8 - 22.0 | 80 (338)      | 23.8<br>19.8 - 27.8 | 38 (338)    | 11.0<br>8.0 - 14.0  |
| 15                  | 07 (327)              | 2.2<br>0.7 - 3.8 | 99 (327)    | 30.3<br>25.7 - 34.8 | 100 (327)       | 30.6<br>25.7 - 35.4 | 176 (327)   | 54.1<br>47.9 - 60.3 | 63 (327)                            | 19.3<br>15.2 - 23.4 | 61 (327)                   | 18.7<br>14.3 - 23.0 | 82 (327)      | 25.1<br>20.5 - 29.6 | 28 (327)    | 8.6<br>5.5 - 11.7   |
| 16                  | 05 (324)              | 1.5<br>0.2 - 2.9 | 88 (324)    | 27.1<br>21.8 - 32.5 | 92 (324)        | 28.6<br>23.7 - 33.5 | 167 (324)   | 51.3<br>46.2 - 56.3 | 60 (324)                            | 18.6<br>14.3 - 22.8 | 54 (324)                   | 16.6<br>12.2 - 21.0 | 92 (324)      | 28.0<br>22.8 - 33.3 | 36 (324)    | 11.0<br>7.7 - 14.3  |
| 17 or older         | 16 (279)              | 5.8<br>2.9 - 8.8 | 68 (279)    | 24.5<br>19.5 - 29.5 | 80 (279)        | 28.6<br>23.5 - 33.7 | 144 (279)   | 51.3<br>45.4 - 57.3 | 39 (279)                            | 14.1<br>10.0 - 18.2 | 47 (279)                   | 17.0<br>12.9 - 21.0 | 91 (279)      | 32.7<br>26.7 - 38.8 | 30 (279)    | 10.8<br>7.0 - 14.6  |
| <b>By NZDep</b>     | 12 (403)              | 3.0<br>1.1 - 4.9 | 106 (403)   | 26.1<br>21.3 - 31.0 | 136 (403)       | 33.6<br>28.4 - 38.8 | 213 (403)   | 52.7<br>46.9 - 58.5 | 82 (403)                            | 20.1<br>16.7 - 23.4 | 59 (403)                   | 14.4<br>10.7 - 18.1 | 81 (403)      | 20.0<br>15.4 - 24.6 | 46 (403)    | 11.5<br>7.3 - 15.7  |
| Low                 |                       |                  |             |                     |                 |                     |   |                     |                                     |                     |                            |                     |               |                     |             |                     |
| Medium              | 18 (529)              | 3.5<br>1.9 - 5.1 | 146 (529)   | 27.6<br>23.6 - 31.5 | 164 (529)       | 31.1<br>26.7 - 35.4 | 298 (529)   | 56.3<br>51.8 - 60.7 | 94 (529)                            | 17.9<br>14.3 - 21.4 | 82 (529)                   | 15.5<br>12.8 - 18.3 | 169 (529)     | 31.8<br>28.3 - 35.3 | 57 (529)    | 10.6<br>8.2 - 13.1  |
| High                | 19 (563)              | 3.3<br>1.9 - 4.7 | 144 (563)   | 25.7<br>21.2 - 30.3 | 141 (563)       | 25.2<br>21.5 - 28.9 | 255 (563)   | 45.1<br>39.9 - 50.3 | 78 (563)                            | 14.0<br>11.0 - 17.0 | 116 (563)                  | 20.8<br>16.7 - 24.9 | 136 (563)     | 24.2<br>20.3 - 28.1 | 67 (563)    | 11.9<br>9.4 - 14.5  |
| <b>By geography</b> | 42 (1,291)            | 3.2<br>2.2 - 4.3 | 349 (1,291) | 27.0<br>24.3 - 29.8 | 382 (1,291)     | 29.6<br>26.7 - 32.4 | 656 (1,291)   | 50.9<br>47.3 - 54.4 | 225 (1,291)                         | 17.4<br>15.4 - 19.4 | 228 (1,291)                | 17.6<br>15.2 - 20.0 | 341 (1,291)   | 26.4<br>23.7 - 29.1 | 143 (1,291) | 11.1<br>9.4 - 12.8  |
| Urban               |                       |                  |             |                     |                 |                     |   |                     |                                     |                     |                            |                     |               |                     |             |                     |
| Rural               | 07 (204)              | 3.7<br>1.6 - 5.7 | 47 (204)    | 23.0<br>18.2 - 27.9 | 59 (204)        | 29.4<br>23.6 - 35.2 | 110 (204)   | 52.9<br>45.6 - 60.2 | 29 (204)                            | 14.5<br>9.5 - 19.5  | 29 (204)                   | 14.3<br>10.0 - 18.6 | 45 (204)      | 22.0<br>16.4 - 27.6 | 27 (204)    | 13.1<br>8.5 - 17.6  |

Notes:

1. Among students who were unable to access health care in the last 12 months.

2. Students could choose more than one option.

## Health issues students have had difficulty getting help with in the last 12 months<sup>1</sup>

|  | Total            |                     | Male             |                     | Female           |                     |
|--|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|  | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| An injury/accident                                     | 934<br>(8,017)   | 11.7<br>10.4 - 13.1 | 571<br>(3,564)   | 16.1<br>14.2 - 18.1 | 363<br>(4,451)   | 8.2<br>7.2 - 9.2    |
| Help with stopping smoking                             | 162<br>(8,017)   | 2.0<br>1.5 - 2.5    | 68<br>(3,564)    | 1.9<br>1.3 - 2.5    | 94<br>(4,451)    | 2.1<br>1.6 - 2.6    |
| Help with stopping drug or alcohol use                 | 139<br>(8,017)   | 1.7<br>1.4 - 2.0    | 61<br>(3,564)    | 1.7<br>1.3 - 2.1    | 78<br>(4,451)    | 1.8<br>1.3 - 2.2    |
| A long term health condition (e.g. asthma)             | 166<br>(8,017)   | 2.1<br>1.7 - 2.4    | 67<br>(3,564)    | 1.9<br>1.4 - 2.3    | 99<br>(4,451)    | 2.2<br>1.8 - 2.7    |
| A condition that does not last very long (e.g. a cold) | 567<br>(8,017)   | 7.1<br>6.5 - 7.7    | 218<br>(3,564)   | 6.1<br>5.5 - 6.8    | 349<br>(4,451)   | 7.9<br>7.0 - 8.8    |
| Contraception/sexual health                            | 296<br>(8,017)   | 3.7<br>3.2 - 4.2    | 59<br>(3,564)    | 1.7<br>1.1 - 2.3    | 236<br>(4,451)   | 5.3<br>4.6 - 6.0    |
| An emotional worry                                     | 873<br>(8,017)   | 10.9<br>9.8 - 11.9  | 202<br>(3,564)   | 5.6<br>4.7 - 6.6    | 671<br>(4,451)   | 15.1<br>13.8 - 16.4 |
| Pregnancy or pregnancy test                            | 190<br>(8,017)   | 2.4<br>1.9 - 2.8    | 13<br>(3,564)    | 0.4<br>0.1 - 0.6    | 176<br>(4,451)   | 3.9<br>3.2 - 4.7    |
| Something else   | 508<br>(8,017)   | 6.3<br>5.5 - 7.1    | 218<br>(3,564)   | 6.1<br>5.1 - 7.1    | 290<br>(4,451)   | 6.5<br>5.4 - 7.6    |
| I haven't had difficulty getting help                  | 5,433<br>(8,017) | 67.8<br>65.9 - 69.6 | 2,444<br>(3,564) | 68.5<br>66.3 - 70.8 | 2,989<br>(4,451) | 67.2<br>64.9 - 69.4 |

Note:

1. Students could choose more than one option.



# Oral Health

|                     | Ever had a tooth filled |                     | Ever had pain in their teeth or mouth that kept them awake at night |                     | Ever had teeth removed due to tooth decay or gum infection |                     | Brushed teeth twice yesterday |                     | Unable to access dental care <sup>1</sup> when needed in the last 12 months |                     |
|---------------------|-------------------------|---------------------|---|---------------------|--|---------------------|-------------------------------|---------------------|---|---------------------|
|                     | n (N)                   | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)                         | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        | 6,033 (8,429)           | 71.5<br>70.0 - 73.1 | 1,995 (8,423)   | 23.6<br>22.5 - 24.7 | 1,201 (8,428)  | 14.2<br>13.3 - 15.2 | 5,655 (8,430)                 | 67.1<br>65.0 - 69.2 | 814 (8,413)   | 9.7<br>8.8 - 10.7   |
| <b>By sex</b>       |                         |                     |   |                     |  |                     |                               |                     |   |                     |
| Male                | 2,643 (3,827)           | 69.1<br>66.7 - 71.4 | 806 (3,827)   | 20.9<br>19.6 - 22.3 | 556 (3,828)  | 14.5<br>13.2 - 15.8 | 2,293 (3,830)                 | 59.9<br>57.8 - 62.0 | 324 (3,819)   | 8.6<br>7.6 - 9.5    |
| Female              | 3,388 (4,600)           | 73.6<br>71.7 - 75.5 | 1,188 (4,594)   | 25.8<br>24.4 - 27.2 | 644 (4,598)  | 14.0<br>12.7 - 15.3 | 3,361 (4,598)                 | 73.1<br>70.6 - 75.6 | 490 (4,592)   | 10.7<br>9.2 - 12.1  |
| <b>By age</b>       |                         |                     |   |                     |  |                     |                               |                     |   |                     |
| 13 or less          | 1,277 (1,817)           | 70.2<br>67.9 - 72.6 | 448 (1,816)   | 24.5<br>22.5 - 26.5 | 311 (1,816)  | 17.2<br>15.0 - 19.3 | 1,203 (1,818)                 | 66.2<br>63.5 - 68.9 | 144 (1,817)   | 8.0<br>6.5 - 9.5    |
| 14                  | 1,355 (1,882)           | 72.0<br>69.5 - 74.5 | 451 (1,882)   | 23.9<br>21.5 - 26.3 | 286 (1,884)  | 15.1<br>13.4 - 16.8 | 1,223 (1,881)                 | 65.1<br>62.1 - 68.1 | 174 (1,878)   | 9.3<br>7.8 - 10.8   |
| 15                  | 1,270 (1,746)           | 72.8<br>70.8 - 74.8 | 420 (1,745)   | 24.0<br>21.8 - 26.3 | 224 (1,746)  | 12.8<br>11.1 - 14.4 | 1,192 (1,747)                 | 68.2<br>65.1 - 71.4 | 187 (1,744)   | 10.8<br>9.0 - 12.5  |
| 16                  | 1,136 (1,566)           | 72.5<br>69.2 - 75.8 | 368 (1,563)   | 23.4<br>20.8 - 26.0 | 217 (1,564)  | 13.9<br>12.1 - 15.7 | 1,020 (1,565)                 | 65.2<br>62.2 - 68.2 | 155 (1,558)   | 10.0<br>8.5 - 11.5  |
| 17 or older         | 988 (1,408)             | 70.1<br>66.9 - 73.3 | 308 (1,407)   | 21.8<br>19.8 - 23.9 | 161 (1,408)  | 11.4<br>9.8 - 13.0  | 1,008 (1,409)                 | 71.5<br>68.5 - 74.5 | 152 (1,406)   | 10.9<br>8.9 - 12.9  |
| <b>By NZDep2006</b> |                         |                     |   |                     |  |                     |                               |                     |   |                     |
| Low                 | 1,874 (2,709)           | 69.2<br>67.2 - 71.2 | 638 (2,706)   | 23.5<br>21.6 - 25.5 | 372 (2,710)  | 13.7<br>12.4 - 15.1 | 1,927 (2,709)                 | 71.1<br>68.3 - 73.9 | 196 (2,708)   | 7.3<br>6.2 - 8.3    |
| Medium              | 2,151 (2,984)           | 72.1<br>70.1 - 74.2 | 682 (2,982)   | 22.9<br>21.3 - 24.4 | 412 (2,984)  | 13.9<br>12.4 - 15.3 | 2,026 (2,986)                 | 67.9<br>65.5 - 70.3 | 261 (2,980)   | 8.8<br>7.7 - 9.9    |
| High                | 1,946 (2,640)           | 73.6<br>70.7 - 76.4 | 658 (2,639)   | 24.7<br>23.0 - 26.4 | 401 (2,638)  | 15.1<br>13.8 - 16.4 | 1,638 (2,639)                 | 62.1<br>59.6 - 64.5 | 346 (2,628)   | 13.2<br>11.7 - 14.8 |
| <b>By geography</b> |                         |                     |   |                     |  |                     |                               |                     |   |                     |
| Urban               | 5,008 (7,070)           | 70.9<br>69.2 - 72.5 | 1,663 (7,066)   | 23.5<br>22.4 - 24.7 | 973 (7,070)  | 13.8<br>12.8 - 14.8 | 4,752 (7,071)                 | 67.2<br>65.0 - 69.4 | 699 (7,057)   | 9.9<br>9.0 - 10.9   |
| Rural               | 963 (1,263)             | 76.0<br>73.9 - 78.1 | 315 (1,261)   | 24.5<br>21.6 - 27.4 | 212 (1,262)  | 16.6<br>14.6 - 18.6 | 839 (1,263)                   | 66.6<br>63.4 - 69.9 | 104 (1,259)   | 8.3<br>6.4 - 10.1   |

Note: 1. By a dentist or dental nurse.

**Last visit to a dentist, dental nurse or other dental health worker**

|                     | Within the past year (less than 12 months ago) |                  | Within the past 2 years (more than 1 year but less than 2 years ago) |                  | Within the past 5 years (more than 2 years but less than 5 years ago) |               | Five or more years ago |               | I have never seen a dentist or any other dental health worker |               | I don't know / not sure |                  |
|---------------------|--|------------------|--|------------------|---|---------------|------------------------|---------------|---|---------------|-------------------------|------------------|
|                     | n (N)  | % 95% CI         | n (N)  | % 95% CI         | n (N)   | % 95% CI      | n (N)                  | % 95% CI      | n (N)   | % 95% CI      | n (N)                   | % 95% CI         |
| <b>Total</b>        | 6,402 (8,406)                                  | 76.1 73.7 - 78.6 | 941 (8,406)  | 11.2 10.2 - 12.2 | 267 (8,406)   | 3.2 2.6 - 3.7 | 128 (8,406)            | 1.5 1.2 - 1.9 | 39 (8,406)  | 0.5 0.3 - 0.7 | 629 (8,406)             | 7.5 6.1 - 8.9    |
| <b>By sex</b>       |  |                  |  |                  |   |               |                        |               |   |               |                         |                  |
| Male                | 2,779 (3,813)                                  | 72.9 70.1 - 75.6 | 471 (3,813)  | 12.4 11.1 - 13.6 | 147 (3,813)   | 3.9 3.2 - 4.6 | 76 (3,813)             | 2.0 1.4 - 2.6 | 17 (3,813)  | 0.4 0.2 - 0.7 | 323 (3,813)             | 8.4 7.0 - 9.8    |
| Female              | 3,623 (4,591)                                  | 78.9 76.1 - 81.6 | 469 (4,591)  | 10.3 9.0 - 11.5  | 120 (4,591)   | 2.6 2.0 - 3.2 | 52 (4,591)             | 1.1 0.8 - 1.4 | 22 (4,591)  | 0.5 0.2 - 0.7 | 305 (4,591)             | 6.7 5.0 - 8.3    |
| <b>By age</b>       |  |                  |  |                  |   |               |                        |               |   |               |                         |                  |
| 13 or less          | 1,375 (1,811)                                  | 75.8 72.8 - 78.8 | 197 (1,811)  | 10.9 9.5 - 12.2  | 25 (1,811)  | 1.4 0.8 - 2.0 | 17 (1,811)             | 0.9 0.5 - 1.3 | 04 (1,811)  | 0.2 0.0 - 0.4 | 193 (1,811)             | 10.8 8.6 - 12.9  |
| 14                  | 1,405 (1,879)                                  | 74.8 71.7 - 78.0 | 238 (1,879)  | 12.7 10.9 - 14.6 | 58 (1,879)  | 3.0 2.2 - 3.9 | 16 (1,879)             | 0.8 0.4 - 1.3 | 07 (1,879)  | 0.4 0.1 - 0.7 | 155 (1,879)             | 8.2 6.3 - 10.1   |
| 15                  | 1,322 (1,744)                                  | 75.8 72.7 - 78.8 | 186 (1,744)  | 10.8 9.0 - 12.5  | 67 (1,744)  | 3.8 2.8 - 4.8 | 25 (1,744)             | 1.5 1.0 - 2.0 | 07 (1,744)  | 0.4 0.0 - 0.8 | 137 (1,744)             | 7.8 6.1 - 9.6    |
| 16                  | 1,198 (1,558)                                  | 76.8 73.6 - 80.0 | 175 (1,558)  | 11.2 9.7 - 12.8  | 61 (1,558)  | 3.9 2.5 - 5.3 | 36 (1,558)             | 2.3 1.5 - 3.2 | 08 (1,558)  | 0.5 0.2 - 0.9 | 80 (1,558)              | 5.1 3.7 - 6.5    |
| 17 or older         | 1,096 (1,404)                                  | 78.0 73.9 - 82.1 | 143 (1,404)  | 10.2 8.1 - 12.4  | 55 (1,404)  | 4.0 2.8 - 5.1 | 34 (1,404)             | 2.4 1.3 - 3.5 | 13 (1,404)  | 0.9 0.2 - 1.7 | 63 (1,404)              | 4.5 3.1 - 5.8    |
| <b>By NZDep2006</b> |  |                  |  |                  |   |               |                        |               |   |               |                         |                  |
| Low                 | 2,238 (2,710)                                  | 82.6 80.0 - 85.2 | 263 (2,710)  | 9.7 8.1 - 11.3   | 70 (2,710)  | 2.6 2.1 - 3.1 | 22 (2,710)             | 0.8 0.3 - 1.3 | 06 (2,710)  | 0.2 0.1 - 0.4 | 111 (2,710)             | 4.1 3.3 - 4.9    |
| Medium              | 2,309 (2,981)                                  | 77.4 74.7 - 80.1 | 349 (2,981)  | 11.8 10.2 - 13.3 | 93 (2,981)  | 3.1 2.4 - 3.8 | 46 (2,981)             | 1.5 1.1 - 2.0 | 14 (2,981)  | 0.5 0.2 - 0.7 | 170 (2,981)             | 5.7 4.7 - 6.7    |
| High                | 1,784 (2,620)                                  | 68.0 65.6 - 70.4 | 320 (2,620)  | 12.3 10.8 - 13.8 | 103 (2,620)   | 3.9 3.0 - 4.8 | 59 (2,620)             | 2.2 1.6 - 2.9 | 19 (2,620)  | 0.7 0.3 - 1.1 | 335 (2,620)             | 12.8 10.6 - 15.0 |
| <b>By geography</b> |  |                  |  |                  |   |               |                        |               |   |               |                         |                  |
| Urban               | 5,299 (7,051)                                  | 75.1 72.5 - 77.7 | 814 (7,051)  | 11.6 10.5 - 12.6 | 233 (7,051)   | 3.3 2.7 - 3.9 | 119 (7,051)            | 1.7 1.3 - 2.1 | 35 (7,051)  | 0.5 0.3 - 0.7 | 551 (7,051)             | 7.8 6.3 - 9.4    |
| Rural               | 1,032 (1,260)                                  | 82.0 78.6 - 85.4 | 118 (1,260)  | 9.4 7.8 - 11.1   | 33 (1,260)  | 2.7 1.8 - 3.6 | 08 (1,260)             | 0.6 0.1 - 1.0 | 04 (1,260)  | 0.3 0.0 - 0.6 | 65 (1,260)              | 5.0 3.4 - 6.6    |

## General Health Comparisons 2007 – 2012

### Health care accessed in the last 12 months

| Family doctor, medical centre or GP clinic <sup>1</sup> |        | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 6,781<br>(8,115) | 83.5<br>82.6 - 84.5 | 6,237<br>(8,416) | 74.2<br>72.5 - 75.9 |
| <b>By sex</b>   | Male   | 3,550<br>(4,339) | 81.8<br>80.5 - 83.1 | 2,667<br>(3,826) | 69.9<br>67.8 - 71.9 |
|   | Female | 3,231<br>(3,776) | 85.5<br>84.3 - 86.8 | 3,569<br>(4,588) | 77.9<br>75.9 - 79.8 |
| School health clinic <sup>1</sup>                       |        | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 1,671<br>(8,115) | 20.7<br>17.8 - 23.7 | 1,520<br>(8,416) | 18.2<br>15.2 - 21.2 |
| <b>By sex</b>   | Male   | 850<br>(4,339)   | 19.7<br>16.4 - 23.0 | 565<br>(3,826)   | 14.9<br>11.7 - 18.2 |
|   | Female | 821<br>(3,776)   | 21.9<br>18.1 - 25.8 | 955<br>(4,588)   | 20.9<br>17.0 - 24.9 |
| After-hours A&E or 24-hour A&M <sup>1</sup>             |        | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 1,138<br>(8,115) | 14.1<br>12.4 - 15.7 | 1,193<br>(8,416) | 14.3<br>12.2 - 16.3 |
| <b>By sex</b>   | Male   | 613<br>(4,339)   | 14.2<br>12.2 - 16.2 | 513<br>(3,826)   | 13.5<br>10.6 - 16.4 |
|   | Female | 525<br>(3,776)   | 14.0<br>12.0 - 15.9 | 680<br>(4,588)   | 14.9<br>12.5 - 17.3 |
| Hospital A&E <sup>1</sup>                               |        | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 1,309<br>(8,115) | 16.1<br>14.6 - 17.5 | 1,330<br>(8,416) | 15.8<br>14.3 - 17.3 |
| <b>By sex</b>   | Male   | 774<br>(4,339)   | 17.8<br>16.0 - 19.6 | 658<br>(3,826)   | 17.2<br>15.3 - 19.1 |
|   | Female | 535<br>(3,776)   | 14.1<br>12.5 - 15.7 | 671<br>(4,588)   | 14.7<br>13.1 - 16.3 |

Note:

1. These questions were not asked in 2001.

## Quality and accessibility of health services in the last 12 months

| Talked with a health provider in private <sup>1,2</sup>                     |        | 2007          |                     | 2012          |                     |
|---|--------|---------------|---------------------|---------------|---------------------|
|   |        | n (N)         | % 95% CI            | n (N)         | % 95% CI            |
| Total   |        | 2,607 (7,327) | 35.6<br>33.7 - 37.4 | 2,450 (6,667) | 36.8<br>34.9 - 38.7 |
| By sex  | Male   | 1,355 (3,871) | 35.0<br>32.8 - 37.2 | 1,059 (2,934) | 36.3<br>33.1 - 39.4 |
|   | Female | 1,252 (3,456) | 36.2<br>33.9 - 38.5 | 1,391 (3,732) | 37.2<br>35.3 - 39.2 |
| Health provider assured confidentiality <sup>1,2</sup>                      |        | 2007          |                     | 2012          |                     |
|   |        | n (N)         | % 95% CI            | n (N)         | % 95% CI            |
| Total   |        | 3,294 (7,257) | 45.4<br>43.4 - 47.4 | 3,042 (6,629) | 46.0<br>43.6 - 48.3 |
| By sex  | Male   | 1,627 (3,825) | 42.6<br>40.6 - 44.5 | 1,211 (2,914) | 41.7<br>38.2 - 45.2 |
|   | Female | 1,667 (3,432) | 48.6<br>45.7 - 51.4 | 1,831 (3,714) | 49.3<br>46.8 - 51.8 |
| Unable to access health care when needed in the last 12 months <sup>3</sup> |        | 2007          |                     | 2012          |                     |
|   |        | n (N)         | % 95% CI            | n (N)         | % 95% CI            |
| Total   |        | 1,485 (8,818) | 16.8<br>15.7 - 18.0 | 1,566 (8,414) | 18.6<br>17.6 - 19.6 |
| By sex  | Male   | 681 (4,741)   | 14.4<br>13.1 - 15.8 | 597 (3,820)   | 15.6<br>14.3 - 16.8 |
|   | Female | 804 (4,077)   | 19.7<br>18.2 - 21.2 | 969 (4,592)   | 21.1<br>19.6 - 22.6 |

### Notes:

1. These questions were not asked in 2001.
2. Among students who accessed healthcare in the last 12 months.
3. The question about being unable to access healthcare asked in 2001 differed significantly from that asked in 2007 and 2012. The results are not comparable and are therefore not reported here.

# Emotional Wellbeing

This section reports on students' emotional and general wellbeing as well as covering self-harm and suicidal thoughts and behaviours. This section uses three validated measures:

The World Health Organisation Wellbeing Index (WHO-5)

The Strengths and Difficulties Questionnaire (SDQ)

The Reynolds Adolescent Depression Questionnaire - short form (RADS-SF)

## The World Health Organisation Wellbeing Index (WHO-5)

Developed by the World Health Organisation, the WHO-5 is designed to measure psychological wellbeing and has been used in primary care to screen for emotional health concerns (Henkel et al., 2003). The scale measures three underlying factors: positive mood (good spirits and relaxation), vitality (being active and waking up fresh and rested) and general interests (being interested in things) (Bech, Gudex, & Johansen, 1996; Bech, Olsen, Kjoller, & Rasmussen, 2003).

The WHO-5 rates five items on a 6-point Likert scale from 0 (at no time) to 5 (all of the time) which are summed to obtain an overall score ranging from 0 to 25, with higher scores indicating better wellbeing. Depending on their WHO-5 score, students were classified with good, very good, or excellent mental or emotional wellbeing.

## The Strengths and Difficulties Questionnaire (SDQ)

Designed specifically for use with children and adolescents, the SDQ is a brief behavioural and emotional screening questionnaire that has been widely used and validated internationally to screen for child and adolescent psychiatric disorders (Goodman, 2001). There are several different versions of the questionnaire for use by parents, teachers and students. Our survey used the self-report SDQ and impact supplement for 11-17 year olds; the project was granted permission to develop and use an electronic version.

The SDQ is divided into 5 scales: 4 difficulties scales (emotional symptoms, conduct problems, hyperactivity/inattention and peer relationship problems) and one pro-social scale, which measures positive social behaviours towards others. Each scale asks five questions, with three Likert response options: not true, somewhat true and certainly true. Items are summed together using the scoring directions from Goodman (1997) to achieve a score ranging from 0 to 10, with higher scores indicating more difficulties. All of these scores (excluding the pro-social scale) are then summed to find a total difficulties score, with a possible range from 0 to 40.

This report provides mean scores for each scale, using cut-off scores for borderline and abnormal mental health symptoms based on the criteria followed by Goodman (1997). A score above the 90th percentile indicates a likely underlying mental health issue, while a score between the 80th and 90th percentile is borderline. These cut-offs assume that approximately 10% of the adolescent population is likely to have a mental health problem.

## Reynolds Adolescent Depression Scale – short form (RADS-SF)

The RADS-SF is a shorter version of the Reynolds Adolescent Depression Scale (RADS), designed to provide a brief measure to screen for depression among adolescents (Reynolds, 2004). The RADS-SF questionnaire uses 10 items with four Likert response options: almost never, hardly ever, sometimes, most of the time. As with the longer RADS, some questions are reverse scored. Using data from the Youth2000 survey, our project has assessed use of the RADS-SF as having acceptable reliability and validity, with similar psychometric properties to the RADS (Reynolds, 2004). We selected a cut-off value of 28 to classify students with significant depressive symptoms, rather than the suggested cut-off level of 26, as our analysis of Youth2000 data showed that a level of 28 best matched the RADS cut-off level and gave closer agreement in the percentage classified with significant levels of depressive symptoms (Milfont et al., 2008; W.M. Reynolds, personal communication, August 14, 2007).

The Youth'07 survey received permission from the copyright holders of the Reynolds Adolescent Depression Scale to translate the RADS-SF into te reo Māori and to develop an electronic version of the questionnaire.

# Emotional Wellbeing

## Are you happy or satisfied with your life?

|                     |             | Very happy or satisfied |                     | It's ok          |                     | Not very happy or satisfied |                   | Not at all happy or satisfied |                  |
|---------------------|-------------|-------------------------|---------------------|------------------|---------------------|-----------------------------|-------------------|-------------------------------|------------------|
|                     |             | n (N)                   | % 95% CI            | n (N)            | % 95% CI            | n (N)                       | % 95% CI          | n (N)                         | % 95% CI         |
| <b>Total</b>        |             | 4,105<br>(8,410)        | 48.8<br>47.0 - 50.5 | 3,618<br>(8,410) | 43.0<br>41.5 - 44.6 | 554<br>(8,410)              | 6.6<br>6.0 - 7.2  | 133<br>(8,410)                | 1.6<br>1.2 - 1.9 |
| <b>By sex</b>       | Male        | 2,106<br>(3,817)        | 55.1<br>53.1 - 57.1 | 1,473<br>(3,817) | 38.6<br>36.7 - 40.5 | 199<br>(3,817)              | 5.2<br>4.5 - 6.0  | 39<br>(3,817)                 | 1.0<br>0.7 - 1.3 |
|                     | Female      | 1,999<br>(4,591)        | 43.5<br>41.3 - 45.7 | 2,143<br>(4,591) | 46.7<br>44.7 - 48.7 | 355<br>(4,591)              | 7.7<br>7.0 - 8.5  | 94<br>(4,591)                 | 2.1<br>1.5 - 2.6 |
| <b>By age</b>       | 13 or less  | 1,010<br>(1,811)        | 55.5<br>52.8 - 58.2 | 692<br>(1,811)   | 38.5<br>35.9 - 41.0 | 85<br>(1,811)               | 4.7<br>3.7 - 5.7  | 24<br>(1,811)                 | 1.3<br>0.9 - 1.8 |
|                     | 14          | 928<br>(1,880)          | 49.4<br>46.2 - 52.5 | 809<br>(1,880)   | 43.0<br>40.0 - 46.0 | 108<br>(1,880)              | 5.8<br>4.7 - 6.9  | 35<br>(1,880)                 | 1.8<br>1.2 - 2.5 |
|                     | 15          | 817<br>(1,745)          | 46.8<br>43.9 - 49.6 | 780<br>(1,745)   | 44.7<br>42.3 - 47.2 | 119<br>(1,745)              | 6.8<br>5.3 - 8.4  | 29<br>(1,745)                 | 1.7<br>1.1 - 2.3 |
|                     | 16          | 689<br>(1,559)          | 44.2<br>41.3 - 47.2 | 707<br>(1,559)   | 45.4<br>42.2 - 48.5 | 135<br>(1,559)              | 8.6<br>7.2 - 10.0 | 28<br>(1,559)                 | 1.8<br>0.9 - 2.7 |
|                     | 17 or older | 657<br>(1,405)          | 46.9<br>44.4 - 49.4 | 625<br>(1,405)   | 44.3<br>41.5 - 47.1 | 106<br>(1,405)              | 7.6<br>6.2 - 9.0  | 17<br>(1,405)                 | 1.2<br>0.7 - 1.7 |
| <b>By NZDep2006</b> | Low         | 1,358<br>(2,703)        | 50.2<br>47.5 - 52.9 | 1,134<br>(2,703) | 42.0<br>39.3 - 44.7 | 175<br>(2,703)              | 6.5<br>5.5 - 7.5  | 36<br>(2,703)                 | 1.3<br>0.8 - 1.8 |
|                     | Medium      | 1,416<br>(2,978)        | 47.5<br>45.4 - 49.6 | 1,294<br>(2,978) | 43.5<br>41.5 - 45.4 | 211<br>(2,978)              | 7.1<br>6.3 - 7.9  | 57<br>(2,978)                 | 1.9<br>1.4 - 2.4 |
|                     | High        | 1,293<br>(2,633)        | 49.0<br>46.0 - 52.0 | 1,145<br>(2,633) | 43.5<br>40.9 - 46.1 | 159<br>(2,633)              | 6.1<br>4.9 - 7.3  | 36<br>(2,633)                 | 1.4<br>0.9 - 1.9 |
| <b>By geography</b> | Urban       | 3,402<br>(7,054)        | 48.2<br>46.3 - 50.1 | 3,083<br>(7,054) | 43.7<br>42.1 - 45.4 | 454<br>(7,054)              | 6.4<br>5.9 - 7.0  | 115<br>(7,054)                | 1.6<br>1.2 - 2.0 |
|                     | Rural       | 665<br>(1,260)          | 52.9<br>50.0 - 55.7 | 490<br>(1,260)   | 38.8<br>35.9 - 41.6 | 91<br>(1,260)               | 7.3<br>5.7 - 8.9  | 14<br>(1,260)                 | 1.1<br>0.5 - 1.7 |

## WHO-5 Wellbeing Scale

|                     |             | Emotional Wellbeing <sup>1</sup> |                     |                  |                     |                  |                     |
|---------------------|-------------|----------------------------------|---------------------|------------------|---------------------|------------------|---------------------|
|                     |             | Good                             |                     | Very Good        |                     | Excellent        |                     |
|                     |             | n<br>(N)                         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>        |             | 2,365<br>(8,286)                 | 28.6<br>27.2 - 29.9 | 2,568<br>(8,286) | 30.9<br>29.7 - 32.1 | 1,381<br>(8,286) | 16.7<br>14.7 - 18.6 |
| <b>By sex</b>       | Male        | 1,029<br>(3,746)                 | 27.5<br>25.9 - 29.0 | 1,293<br>(3,746) | 34.5<br>32.9 - 36.0 | 754<br>(3,746)   | 20.2<br>18.1 - 22.2 |
|                     | Female      | 1,335<br>(4,538)                 | 29.5<br>27.6 - 31.3 | 1,275<br>(4,538) | 28.0<br>26.3 - 29.7 | 626<br>(4,538)   | 13.8<br>11.6 - 16.0 |
| <b>By age</b>       | 13 or less  | 445<br>(1,770)                   | 25.2<br>22.9 - 27.6 | 595<br>(1,770)   | 33.5<br>31.0 - 36.0 | 412<br>(1,770)   | 23.3<br>20.3 - 26.2 |
|                     | 14          | 504<br>(1,854)                   | 27.2<br>25.1 - 29.4 | 597<br>(1,854)   | 32.1<br>29.8 - 34.5 | 321<br>(1,854)   | 17.3<br>14.9 - 19.8 |
|                     | 15          | 494<br>(1,719)                   | 28.7<br>26.0 - 31.3 | 503<br>(1,719)   | 29.3<br>27.4 - 31.1 | 283<br>(1,719)   | 16.5<br>13.6 - 19.3 |
|                     | 16          | 483<br>(1,542)                   | 31.3<br>28.9 - 33.7 | 452<br>(1,542)   | 29.3<br>26.9 - 31.6 | 202<br>(1,542)   | 13.3<br>11.1 - 15.4 |
|                     | 17 or older | 437<br>(1,391)                   | 31.5<br>28.5 - 34.4 | 419<br>(1,391)   | 30.1<br>27.5 - 32.7 | 161<br>(1,391)   | 11.5<br>9.3 - 13.7  |
| <b>By NZDep2006</b> | Low         | 873<br>(2,686)                   | 32.5<br>30.5 - 34.4 | 874<br>(2,686)   | 32.5<br>30.3 - 34.7 | 319<br>(2,686)   | 11.9<br>10.4 - 13.3 |
|                     | Medium      | 853<br>(2,943)                   | 29.1<br>27.3 - 30.8 | 924<br>(2,943)   | 31.3<br>29.6 - 33.0 | 452<br>(2,943)   | 15.4<br>14.0 - 16.8 |
|                     | High        | 618<br>(2,567)                   | 24.0<br>22.2 - 25.9 | 739<br>(2,567)   | 28.7<br>27.0 - 30.4 | 594<br>(2,567)   | 23.2<br>19.6 - 26.8 |
| <b>By geography</b> | Urban       | 2,009<br>(6,947)                 | 28.9<br>27.3 - 30.4 | 2,098<br>(6,947) | 30.2<br>29.0 - 31.4 | 1,166<br>(6,947) | 16.8<br>14.6 - 19.0 |
|                     | Rural       | 335<br>(1,249)                   | 27.1<br>24.4 - 29.8 | 439<br>(1,249)   | 35.0<br>32.2 - 37.8 | 199<br>(1,249)   | 15.8<br>13.4 - 18.1 |

Note:

1. WHO-5 scores: good ( $\geq 13-17$ ), very good ( $>17-21$ ), excellent ( $>21-25$ ).

# Strengths and Difficulties Questionnaire Scores

|                     | n<br>(N)         | Difficulties <sup>1</sup> |                  |                     |                  |                     |                  |                     |                  |                        |                  |                     |                  | Strengths <sup>1</sup> |                  |                  |                         |  |
|---------------------|------------------|---------------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|------------------------|------------------|---------------------|------------------|------------------------|------------------|------------------|-------------------------|--|
|                     |                  | Emotional symptoms        |                  |                     | Hyperactivity    |                     |                  | Conduct problems    |                  |                        | Peer problems    |                     |                  | Total difficulties     |                  |                  | Pro-social <sup>2</sup> |  |
|                     |                  | median<br>95% CI          | 80%ile<br>90%ile | median<br>95% CI    | 80%ile<br>90%ile | median<br>95% CI    | 80%ile<br>90%ile | median<br>95% CI    | 80%ile<br>90%ile | median<br>95% CI       | 80%ile<br>90%ile | median<br>95% CI    | 80%ile<br>90%ile | median<br>95% CI       | 80%ile<br>90%ile | median<br>95% CI | 20%ile<br>10%ile        |  |
| <b>Total</b>        | 8,188<br>(8,188) | 2.38<br>2.25 - 2.51       | 4.8<br>6.2       | 3.59<br>3.51 - 3.66 | 5.5<br>6.6       | 1.15<br>1.07 - 1.23 | 2.9<br>4.0       | 1.23<br>1.16 - 1.30 | 2.8<br>3.8       | 10.19<br>9.97 - 10.42  | 15.7<br>18.9     | 7.04<br>6.93 - 7.15 | 5.1<br>4.2       |                        |                  |                  |                         |  |
| <b>By sex</b>       |                  |                           |                  |                     |                  |                     |                  |                     |                  |                        |                  |                     |                  |                        |                  |                  |                         |  |
| Male                | 3,680<br>(3,680) | 1.61<br>1.52 - 1.70       | 3.7<br>4.8       | 3.56<br>3.45 - 3.67 | 5.4<br>6.5       | 1.32<br>1.23 - 1.40 | 3.0<br>4.1       | 1.32<br>1.24 - 1.40 | 2.9<br>3.9       | 9.56<br>9.32 - 9.81    | 14.8<br>17.9     | 6.43<br>6.30 - 6.55 | 4.5<br>3.7       |                        |                  |                  |                         |  |
| Female              | 4,506<br>(4,506) | 3.08<br>2.94 - 3.22       | 5.6<br>7.0       | 3.61<br>3.51 - 3.70 | 6.7              | 1.01<br>0.90 - 1.12 | 2.8<br>3.9       | 1.16<br>1.07 - 1.24 | 2.7<br>3.7       | 10.75<br>10.48 - 11.03 | 16.4<br>19.6     | 7.45<br>7.35 - 7.55 | 5.8<br>4.9       |                        |                  |                  |                         |  |
| <b>By age</b>       |                  |                           |                  |                     |                  |                     |                  |                     |                  |                        |                  |                     |                  |                        |                  |                  |                         |  |
| 13 or less          | 1,833<br>(1,833) | 2.24<br>2.08 - 2.39       | 4.6<br>6.1       | 3.53<br>3.39 - 3.67 | 5.5<br>6.7       | 1.25<br>1.13 - 1.37 | 3.0<br>4.0       | 1.23<br>1.10 - 1.35 | 2.8<br>3.8       | 9.89<br>9.52 - 10.26   | 15.6<br>19.1     | 6.77<br>6.61 - 6.93 | 5.0<br>4.1       |                        |                  |                  |                         |  |
| 14                  | 1,701<br>(1,701) | 2.42<br>2.22 - 2.61       | 4.8<br>6.0       | 3.75<br>3.60 - 3.90 | 5.7<br>6.9       | 1.24<br>1.11 - 1.36 | 3.0<br>4.2       | 1.29<br>1.19 - 1.40 | 2.9<br>3.8       | 10.52<br>10.20 - 10.84 | 16.0<br>19.4     | 6.98<br>6.78 - 7.18 | 5.0<br>4.1       |                        |                  |                  |                         |  |
| 15                  | 1,524<br>(1,524) | 2.63<br>2.43 - 2.83       | 5.0<br>6.5       | 3.69<br>3.55 - 3.83 | 5.6<br>6.6       | 1.16<br>1.04 - 1.29 | 2.9<br>3.9       | 1.29<br>1.17 - 1.42 | 2.9<br>3.9       | 10.54<br>10.18 - 10.91 | 16.0<br>19.1     | 7.18<br>7.03 - 7.32 | 5.3<br>4.2       |                        |                  |                  |                         |  |
| 16                  | 1,751<br>(1,751) | 2.11<br>1.90 - 2.33       | 4.3<br>5.8       | 3.51<br>3.37 - 3.66 | 5.4<br>6.7       | 1.13<br>0.99 - 1.26 | 2.9<br>4.1       | 1.15<br>1.03 - 1.27 | 2.8<br>3.8       | 9.65<br>9.24 - 10.07   | 15.5<br>18.6     | 6.90<br>6.71 - 7.08 | 5.1<br>4.2       |                        |                  |                  |                         |  |
| 17 or older         | 1,370<br>(1,370) | 2.63<br>2.42 - 2.85       | 5.2<br>6.5       | 3.42<br>3.27 - 3.57 | 5.2<br>6.3       | 0.95<br>0.91 - 0.99 | 2.6<br>3.6       | 1.18<br>1.06 - 1.30 | 2.8<br>3.7       | 10.28<br>9.82 - 10.74  | 15.3<br>17.9     | 7.40<br>7.24 - 7.56 | 5.5<br>4.5       |                        |                  |                  |                         |  |
| <b>By NZDep2006</b> |                  |                           |                  |                     |                  |                     |                  |                     |                  |                        |                  |                     |                  |                        |                  |                  |                         |  |
| Low                 | 2,668<br>(2,668) | 2.24<br>2.06 - 2.42       | 4.7<br>6.2       | 3.49<br>3.38 - 3.60 | 5.4<br>6.6       | 0.90<br>0.87 - 0.93 | 2.5<br>3.6       | 0.99<br>0.96 - 1.03 | 2.6<br>3.6       | 9.53<br>9.24 - 9.81    | 14.9<br>18.2     | 7.06<br>6.90 - 7.23 | 5.2<br>4.3       |                        |                  |                  |                         |  |
| Medium              | 2,906<br>(2,906) | 2.36<br>2.19 - 2.52       | 4.7<br>6.2       | 3.58<br>3.47 - 3.69 | 5.6<br>6.7       | 1.06<br>0.97 - 1.15 | 2.8<br>3.8       | 1.23<br>1.13 - 1.33 | 2.8<br>3.8       | 10.10<br>9.79 - 10.41  | 15.6<br>18.7     | 7.08<br>6.94 - 7.22 | 5.2<br>4.2       |                        |                  |                  |                         |  |
| High                | 2,524<br>(2,524) | 2.54<br>2.36 - 2.71       | 4.8<br>6.2       | 3.67<br>3.51 - 3.83 | 5.5<br>6.6       | 1.57<br>1.47 - 1.67 | 3.4<br>4.4       | 1.46<br>1.35 - 1.56 | 3.0<br>4.0       | 11.02<br>10.67 - 11.37 | 16.3<br>19.4     | 6.97<br>6.81 - 7.14 | 5.0<br>4.1       |                        |                  |                  |                         |  |
| <b>By geography</b> |                  |                           |                  |                     |                  |                     |                  |                     |                  |                        |                  |                     |                  |                        |                  |                  |                         |  |
| Urban               | 6,866<br>(6,866) | 2.45<br>2.33 - 2.58       | 4.8<br>6.2       | 3.58<br>3.50 - 3.66 | 5.5<br>6.6       | 1.19<br>1.11 - 1.27 | 2.9<br>4.0       | 1.26<br>1.19 - 1.33 | 2.8<br>3.8       | 10.31<br>10.07 - 10.55 | 15.7<br>18.9     | 7.06<br>6.95 - 7.17 | 5.1<br>4.2       |                        |                  |                  |                         |  |
| Rural               | 1,232<br>(1,232) | 1.96<br>1.79 - 2.14       | 4.5<br>6.0       | 3.61<br>3.42 - 3.79 | 5.6<br>6.7       | 0.95<br>0.91 - 0.99 | 2.8<br>3.9       | 1.03<br>0.88 - 1.19 | 2.7<br>3.7       | 9.51<br>9.07 - 9.95    | 15.3<br>18.4     | 6.95<br>6.74 - 7.15 | 5.1<br>4.2       |                        |                  |                  |                         |  |

Notes:

1. Scores are not normally distributed, so median scores are presented here. Note that this differs from the Youth'07 Technical Report, which presented mean scores.
2. Reverse scoring for the Pro-social scale (higher is better).



## Emotional Worries, Depression and Self-harm

Students' experiences of emotional worries, depression and self-harm in the last 12 months

|                     |             | Seen a health professional for emotional worries |                     | Significant depressive symptoms |                     | Felt depressed for 2 weeks in a row |                     | Deliberate self-harm |                     |
|---------------------|-------------|--|---------------------|---------------------------------|---------------------|-------------------------------------|---------------------|----------------------|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)                           | % 95% CI            | n (N)                               | % 95% CI            | n (N)                | % 95% CI            |
| <b>Total</b>        |             | 1,542<br>(8,401)                                 | 18.4<br>17.1 - 19.7 | 1,045<br>(8,182)                | 12.8<br>11.6 - 13.9 | 2,603<br>(8,380)                    | 31.1<br>29.7 - 32.5 | 2,015<br>(8,379)     | 24.0<br>22.7 - 25.4 |
| <b>By sex</b>       | Male        | 518<br>(3,813)                                   | 13.6<br>12.1 - 15.1 | 316<br>(3,676)                  | 8.6<br>7.5 - 9.7    | 883<br>(3,798)                      | 23.3<br>21.8 - 24.8 | 681<br>(3,800)       | 17.9<br>16.6 - 19.2 |
|                     | Female      | 1,023<br>(4,586)                                 | 22.4<br>20.9 - 23.9 | 728<br>(4,504)                  | 16.2<br>14.6 - 17.8 | 1,720<br>(4,580)                    | 37.6<br>35.8 - 39.4 | 1,332<br>(4,577)     | 29.1<br>27.4 - 30.8 |
| <b>By age</b>       | 13 or less  | 270<br>(1,807)                                   | 15.0<br>13.2 - 16.7 | 190<br>(1,759)                  | 10.9<br>9.2 - 12.5  | 445<br>(1,808)                      | 24.7<br>22.5 - 26.8 | 399<br>(1,809)       | 22.1<br>19.5 - 24.7 |
|                     | 14          | 365<br>(1,877)                                   | 19.5<br>17.4 - 21.6 | 235<br>(1,834)                  | 12.8<br>10.9 - 14.6 | 555<br>(1,876)                      | 29.7<br>27.4 - 31.9 | 459<br>(1,868)       | 24.6<br>22.2 - 27.0 |
|                     | 15          | 336<br>(1,744)                                   | 19.3<br>16.9 - 21.6 | 227<br>(1,683)                  | 13.5<br>11.5 - 15.6 | 554<br>(1,733)                      | 31.9<br>29.7 - 34.2 | 457<br>(1,733)       | 26.4<br>23.9 - 28.9 |
|                     | 16          | 294<br>(1,561)                                   | 18.9<br>16.7 - 21.1 | 215<br>(1,517)                  | 14.1<br>12.2 - 16.0 | 543<br>(1,555)                      | 34.9<br>32.7 - 37.1 | 387<br>(1,556)       | 24.7<br>22.5 - 26.9 |
|                     | 17 or older | 274<br>(1,402)                                   | 19.6<br>17.2 - 22.0 | 175<br>(1,379)                  | 12.6<br>10.8 - 14.4 | 502<br>(1,398)                      | 36.0<br>33.1 - 38.9 | 309<br>(1,403)       | 22.0<br>19.9 - 24.1 |
| <b>By NZDep2006</b> | Low         | 417<br>(2,703)                                   | 15.4<br>13.3 - 17.5 | 319<br>(2,672)                  | 11.9<br>10.2 - 13.7 | 810<br>(2,702)                      | 30.0<br>27.9 - 32.2 | 586<br>(2,700)       | 21.7<br>19.7 - 23.7 |
|                     | Medium      | 525<br>(2,983)                                   | 17.7<br>15.7 - 19.6 | 379<br>(2,912)                  | 13.0<br>11.7 - 14.4 | 904<br>(2,974)                      | 30.4<br>28.1 - 32.8 | 712<br>(2,975)       | 23.9<br>21.9 - 25.9 |
|                     | High        | 578<br>(2,619)                                   | 22.2<br>20.1 - 24.2 | 332<br>(2,510)                  | 13.2<br>11.6 - 14.8 | 851<br>(2,608)                      | 32.6<br>30.5 - 34.7 | 688<br>(2,609)       | 26.4<br>24.4 - 28.3 |
| <b>By geography</b> | Urban       | 1,315<br>(7,045)                                 | 18.7<br>17.3 - 20.1 | 890<br>(6,869)                  | 13.0<br>11.9 - 14.1 | 2,211<br>(7,027)                    | 31.5<br>29.9 - 33.1 | 1,715<br>(7,027)     | 24.4<br>23.0 - 25.8 |
|                     | Rural       | 205<br>(1,260)                                   | 16.3<br>13.8 - 18.8 | 140<br>(1,225)                  | 11.3<br>9.2 - 13.3  | 354<br>(1,257)                      | 28.2<br>25.6 - 30.8 | 271<br>(1,257)       | 21.4<br>18.7 - 24.1 |

# Suicidal Thoughts and Attempts

## Students' experiences of suicidal thoughts and attempts in the last 12 months

|                     |             | Serious thoughts of suicide |                     | Made a suicide plan |                     | Attempted suicide |                  | Attempted suicide requiring treatment by doctor or nurse <sup>1</sup> |                  |
|---------------------|-------------|-----------------------------|---------------------|---------------------|---------------------|-------------------|------------------|---|------------------|
|                     |             | n (N)                       | % 95% CI            | n (N)               | % 95% CI            | n (N)             | % 95% CI         | n (N)   | % 95% CI         |
| <b>Total</b>        |             | 1,312 (8,326)               | 15.7<br>14.5 - 17.0 | 804 (8,326)         | 9.6<br>8.9 - 10.4   | 378 (8,325)       | 4.5<br>3.8 - 5.2 | 95 (8,322)  | 1.1<br>0.9 - 1.4 |
| <b>By sex</b>       | Male        | 371 (3,769)                 | 9.8<br>8.8 - 10.8   | 241 (3,769)         | 6.4<br>5.6 - 7.1    | 93 (3,769)        | 2.4<br>1.8 - 3.0 | 29 (3,768)  | 0.8<br>0.5 - 1.0 |
|                     | Female      | 940 (4,555)                 | 20.7<br>18.9 - 22.4 | 562 (4,555)         | 12.3<br>11.3 - 13.4 | 284 (4,554)       | 6.2<br>5.2 - 7.3 | 66 (4,552)  | 1.5<br>1.1 - 1.8 |
| <b>By age</b>       | 13 or less  | 232 (1,794)                 | 13.0<br>11.3 - 14.7 | 110 (1,794)         | 6.2<br>5.1 - 7.2    | 67 (1,793)        | 3.8<br>2.9 - 4.7 | 13 (1,791)  | 0.7<br>0.4 - 1.1 |
|                     | 14          | 305 (1,863)                 | 16.3<br>14.1 - 18.5 | 187 (1,863)         | 9.9<br>8.5 - 11.4   | 107 (1,863)       | 5.7<br>4.4 - 6.9 | 21 (1,862)  | 1.1<br>0.6 - 1.6 |
|                     | 15          | 286 (1,717)                 | 16.6<br>14.8 - 18.5 | 192 (1,717)         | 11.2<br>9.6 - 12.7  | 81 (1,717)        | 4.7<br>3.5 - 5.9 | 24 (1,717)  | 1.4<br>0.9 - 1.9 |
|                     | 16          | 279 (1,546)                 | 17.9<br>15.6 - 20.3 | 180 (1,546)         | 11.6<br>10.0 - 13.1 | 72 (1,546)        | 4.7<br>3.3 - 6.0 | 21 (1,546)  | 1.3<br>0.7 - 2.0 |
|                     | 17 or older | 206 (1,396)                 | 14.8<br>12.8 - 16.8 | 133 (1,396)         | 9.5<br>7.8 - 11.2   | 51 (1,396)        | 3.7<br>2.7 - 4.6 | 16 (1,396)  | 1.2<br>0.6 - 1.8 |
| <b>By NZDep2006</b> | Low         | 371 (2,693)                 | 13.7<br>12.3 - 15.2 | 225 (2,693)         | 8.3<br>7.3 - 9.3    | 87 (2,692)        | 3.2<br>2.4 - 3.9 | 22 (2,692)  | 0.8<br>0.5 - 1.1 |
|                     | Medium      | 480 (2,957)                 | 16.3<br>14.4 - 18.1 | 276 (2,957)         | 9.3<br>8.1 - 10.6   | 112 (2,957)       | 3.8<br>2.9 - 4.7 | 34 (2,957)  | 1.1<br>0.7 - 1.6 |
|                     | High        | 449 (2,581)                 | 17.4<br>15.5 - 19.3 | 292 (2,581)         | 11.3<br>10.1 - 12.5 | 176 (2,581)       | 6.8<br>5.6 - 8.1 | 38 (2,578)  | 1.5<br>1.1 - 1.9 |
| <b>By geography</b> | Urban       | 1,136 (6,979)               | 16.3<br>14.9 - 17.6 | 677 (6,979)         | 9.7<br>8.9 - 10.5   | 326 (6,978)       | 4.7<br>3.8 - 5.5 | 81 (6,975)  | 1.2<br>0.9 - 1.4 |
|                     | Rural       | 164 (1,252)                 | 13.0<br>11.1 - 14.9 | 116 (1,252)         | 9.1<br>7.5 - 10.7   | 49 (1,252)        | 3.8<br>2.7 - 5.0 | 13 (1,252)  | 1.0<br>0.4 - 1.7 |

Note:

1. This is among all students, not just those who attempted suicide.

## Emotional Wellbeing Comparisons 2001 - 2012

| Have good emotional wellbeing <sup>1</sup> |        | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total                                      |        | 6,804<br>(8,679) | 78.5<br>77.4 - 79.6 | 6,314<br>(8,286) | 76.2<br>74.8 - 77.5 |
| By sex                                     | Male   | 3,917<br>(4,656) | 84.2<br>83.1 - 85.3 | 3,076<br>(3,746) | 82.1<br>80.9 - 83.3 |
|  | Female | 2,887<br>(4,023) | 71.9<br>70.5 - 73.4 | 3,236<br>(4,538) | 71.3<br>69.3 - 73.2 |

| Significant depressive symptoms <sup>2</sup> |        | 2001             |                     | 2007           |                     | 2012             |                     |
|--|--------|------------------|---------------------|----------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)          | % 95% CI            | n (N)            | % 95% CI            |
| Total  |        | 1,139<br>(9,247) | 12.4<br>11.5 - 13.3 | 910<br>(8,571) | 10.6<br>9.7 - 11.4  | 1,045<br>(8,182) | 12.8<br>11.6 - 13.9 |
| By sex                                       | Male   | 382<br>(4,237)   | 9.1<br>8.1 - 10.1   | 319<br>(4,589) | 6.9<br>6.3 - 7.6    | 316<br>(3,676)   | 8.6<br>7.5 - 9.7    |
|  | Female | 757<br>(5,010)   | 15.3<br>14.1 - 16.4 | 591<br>(3,982) | 14.7<br>13.7 - 15.8 | 728<br>(4,504)   | 16.2<br>14.6 - 17.8 |

| Students who have attempted suicide during the last 12 months <sup>3</sup> |        | 2007           |                  | 2012           |                  |
|--|--------|----------------|------------------|----------------|------------------|
|  |        | n (N)          | % 95% CI         | n (N)          | % 95% CI         |
| Total  |        | 413<br>(8,715) | 4.7<br>4.1 - 5.3 | 378<br>(8,325) | 4.5<br>3.8 - 5.2 |
| By sex   | Male   | 138<br>(4,666) | 2.9<br>2.4 - 3.5 | 93<br>(3,769)  | 2.4<br>1.8 - 3.0 |
|  | Female | 275<br>(4,049) | 6.7<br>5.9 - 7.5 | 284<br>(4,554) | 6.2<br>5.2 - 7.3 |

### Notes:

1. Defined as a WHO-5 wellbeing score of  $\geq 13$ . Not measured in 2001.
2. Determined using the Reynolds Adolescent Depression Scale - Short Form, as described at the beginning of this section.
3. In 2001, only students who reported that they had thought about attempting suicide were asked if they had made a suicide attempt. Consequently the 2001 results are not strictly comparable to those from 2007 and 2012 and are therefore not reported here.

# Substance Use

This section reports on students' use of cigarettes, alcohol, and marijuana. The use of other drugs, such as methamphetamine, ecstasy or party pills etc., is reported in less detail as it is uncommon among secondary school students.

## Attitudes and Exposure to Substance Use

|  | Substances that students think it is OK for people their age to use regularly |                     | Substances that students' friends use |                     | Substances that students' parents use |                     |
|--|---|---------------------|---------------------------------------|---------------------|---------------------------------------|---------------------|
|  | n (N)   | % 95% CI            | n (N)                                 | % 95% CI            | n (N)                                 | % 95% CI            |
| <b>Cigarettes, tobacco</b>   | 825<br>(8,189)  | 10.0<br>9.0 - 11.0  | 3,013<br>(8,168)                      | 36.9<br>34.4 - 39.3 | 2,281<br>(8,169)                      | 27.9<br>25.2 - 30.5 |
| <b>Alcohol (e.g. beer, wine, spirits, etc.)</b>  | 2,023<br>(8,189)  | 24.7<br>22.7 - 26.8 | 4,441<br>(8,168)                      | 54.4<br>51.9 - 57.0 | 4,770<br>(8,169)                      | 58.6<br>55.8 - 61.3 |
| <b>Marijuana (e.g. cannabis, weed, pot, hash, grass, etc.)</b>   | 811<br>(8,189)  | 9.9<br>8.8 - 11.0   | 2,820<br>(8,168)                      | 34.6<br>32.2 - 37.0 | 496<br>(8,169)                        | 6.1<br>5.2 - 6.9    |
| <b>Party pills and smokable products (e.g. dance pills, herbal highs) excluding tobacco and cigarettes</b> | 311<br>(8,189)  | 3.8<br>3.2 - 4.3    | 818<br>(8,168)                        | 10.1<br>9.0 - 11.2  | 47<br>(8,169)                         | 0.6<br>0.4 - 0.8    |
| <b>Other drugs that often cause a high or trip (e.g. acid, 'P', speed, ecstasy, homebake, etc.)</b>        | 199<br>(8,189)  | 2.4<br>2.0 - 2.9    | 808<br>(8,168)                        | 9.9<br>8.9 - 11.0   | 57<br>(8,169)                         | 0.7<br>0.5 - 0.8    |
| <b>None of these</b>   | 5,881<br>(8,189)  | 71.8<br>69.7 - 73.9 | 3,321<br>(8,168)                      | 40.6<br>38.0 - 43.2 | 2,645<br>(8,169)                      | 32.3<br>30.0 - 34.6 |

# Cigarette Use

## Cigarette use

|                     |             | Ever smoked a whole cigarette |                     | Current cigarette use <sup>1</sup> |                     | Weekly or more often cigarette use |                  |
|---------------------|-------------|-------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|------------------|
|                     |             | n (N)                         | % 95% CI            | n (N)                              | % 95% CI            | n (N)                              | % 95% CI         |
| <b>Total</b>        |             | 1,914<br>(8,203)              | 23.3<br>21.6 - 25.0 | 918<br>(8,191)                     | 11.1<br>10.2 - 12.1 | 371<br>(8,191)                     | 4.5<br>3.8 - 5.2 |
| <b>By sex</b>       | Male        | 822<br>(3,691)                | 22.1<br>20.1 - 24.2 | 396<br>(3,686)                     | 10.6<br>9.3 - 11.9  | 167<br>(3,686)                     | 4.5<br>3.7 - 5.2 |
|                     | Female      | 1,091<br>(4,510)              | 24.2<br>21.9 - 26.5 | 521<br>(4,503)                     | 11.6<br>10.2 - 12.9 | 203<br>(4,503)                     | 4.5<br>3.5 - 5.4 |
| <b>By age</b>       | 13 or less  | 221<br>(1,770)                | 12.4<br>10.1 - 14.7 | 93<br>(1,766)                      | 5.1<br>3.8 - 6.4    | 36<br>(1,766)                      | 1.9<br>1.2 - 2.6 |
|                     | 14          | 348<br>(1,845)                | 18.8<br>16.3 - 21.3 | 151<br>(1,843)                     | 8.1<br>6.8 - 9.5    | 72<br>(1,843)                      | 3.9<br>2.8 - 4.9 |
|                     | 15          | 428<br>(1,682)                | 25.5<br>22.7 - 28.2 | 212<br>(1,679)                     | 12.6<br>11.0 - 14.3 | 84<br>(1,679)                      | 5.0<br>3.8 - 6.2 |
|                     | 16          | 493<br>(1,521)                | 32.4<br>29.3 - 35.4 | 255<br>(1,518)                     | 16.7<br>14.4 - 19.0 | 106<br>(1,518)                     | 6.8<br>5.3 - 8.4 |
|                     | 17 or older | 423<br>(1,375)                | 30.7<br>28.3 - 33.1 | 206<br>(1,375)                     | 15.0<br>13.2 - 16.7 | 73<br>(1,375)                      | 5.3<br>4.1 - 6.5 |
| <b>By NZDep2006</b> | Low         | 531<br>(2,681)                | 19.8<br>18.0 - 21.7 | 269<br>(2,681)                     | 10.0<br>8.6 - 11.4  | 81<br>(2,681)                      | 3.0<br>2.2 - 3.8 |
|                     | Medium      | 642<br>(2,927)                | 21.9<br>19.9 - 24.0 | 308<br>(2,922)                     | 10.5<br>9.2 - 11.9  | 125<br>(2,922)                     | 4.2<br>3.4 - 5.1 |
|                     | High        | 718<br>(2,504)                | 28.6<br>26.0 - 31.2 | 329<br>(2,497)                     | 13.0<br>11.1 - 15.0 | 160<br>(2,497)                     | 6.3<br>4.9 - 7.8 |
| <b>By geography</b> | Urban       | 1,590<br>(6,873)              | 23.2<br>21.2 - 25.1 | 746<br>(6,861)                     | 10.9<br>9.8 - 11.9  | 309<br>(6,861)                     | 4.5<br>3.7 - 5.3 |
|                     | Rural       | 301<br>(1,239)                | 23.9<br>21.3 - 26.6 | 160<br>(1,239)                     | 12.5<br>10.4 - 14.7 | 57<br>(1,239)                      | 4.3<br>3.1 - 5.4 |

Note:

1. Students who have ever smoked and did not report that they no longer smoke.

## Cigarette access and quit attempts<sup>1</sup>

|                     |             | Students who get someone else to buy cigarettes for them <sup>2</sup> |                     | Students who buy their own cigarettes <sup>2</sup> |                     | Students who buy their own cigarettes AND are not asked for ID <sup>3</sup> |                     | Students who have tried to cut down or give up smoking cigarettes |                     |
|---------------------|-------------|---|---------------------|--|---------------------|---|---------------------|---|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 244 (912)   | 26.6<br>23.8 - 29.4 | 286 (912)  | 31.3<br>28.0 - 34.7 | 138 (281)   | 49.1<br>42.9 - 55.3 | 555 (910)   | 61.1<br>56.4 - 65.8 |
| <b>By sex</b>       | Male        | 78 (393)  | 19.7<br>16.4 - 23.1 | 143 (393)  | 36.3<br>31.5 - 41.2 | 70 (141)  | 49.8<br>42.0 - 57.5 | 218 (391)   | 55.9<br>49.4 - 62.4 |
|                     | Female      | 165 (518)   | 31.7<br>27.7 - 35.6 | 143 (518)  | 27.6<br>23.9 - 31.4 | 68 (140)  | 48.5<br>40.1 - 56.9 | 336 (518)   | 64.9<br>59.2 - 70.6 |
| <b>By age</b>       | 13 or less  | 16 (92)   | 16.6<br>8.0 - 25.3  | 11 (92)  | 11.8<br>4.3 - 19.3  | 6 (10)  | 63.2<br>36.1 - 90.3 | 60 (93)   | 64.6<br>53.3 - 75.8 |
|                     | 14          | 39 (147)  | 26.7<br>20.5 - 33.0 | 27 (147)   | 18.0<br>11.5 - 24.4 | 15 (27)   | 55.7<br>37.9 - 73.6 | 98 (149)  | 67.0<br>58.6 - 75.4 |
|                     | 15          | 73 (211)  | 34.7<br>27.9 - 41.5 | 60 (211)   | 28.5<br>21.6 - 35.4 | 29 (59)   | 48.9<br>36.3 - 61.6 | 130 (210)   | 61.9<br>53.2 - 70.6 |
|                     | 16          | 66 (255)  | 25.5<br>20.1 - 30.8 | 95 (255)   | 37.2<br>29.9 - 44.6 | 54 (92)   | 58.7<br>49.1 - 68.4 | 145 (253)   | 57.2<br>50.4 - 64.0 |
|                     | 17 or older | 49 (206)  | 23.7<br>17.6 - 29.7 | 92 (206)   | 44.6<br>37.9 - 51.2 | 34 (92)   | 36.8<br>26.8 - 46.7 | 122 (204)   | 59.6<br>50.9 - 68.3 |
| <b>By NZDep2006</b> | Low         | 72 (269)  | 26.5<br>20.5 - 32.6 | 81 (269)   | 30.2<br>24.2 - 36.2 | 39 (80)   | 48.8<br>36.1 - 61.6 | 126 (268)   | 47.0<br>39.8 - 54.1 |
|                     | Medium      | 79 (308)  | 25.7<br>20.5 - 30.8 | 93 (308)   | 30.4<br>25.0 - 35.7 | 46 (92)   | 50.6<br>40.1 - 61.0 | 183 (305)   | 60.2<br>54.3 - 66.1 |
|                     | High        | 91 (323)  | 28.0<br>23.2 - 32.8 | 108 (323)  | 33.2<br>27.7 - 38.7 | 50 (105)  | 47.0<br>38.6 - 55.5 | 236 (325)   | 72.9<br>66.6 - 79.3 |
| <b>By geography</b> | Urban       | 198 (740)   | 26.7<br>23.5 - 29.8 | 240 (740)  | 32.5<br>29.0 - 36.0 | 113 (236)   | 48.1<br>41.3 - 54.8 | 471 (739)   | 63.6<br>58.8 - 68.4 |
|                     | Rural       | 44 (160)  | 27.2<br>21.2 - 33.2 | 42 (160)   | 25.7<br>17.8 - 33.6 | 22 (41)   | 52.8<br>40.1 - 65.6 | 74 (159)  | 47.1<br>36.5 - 57.6 |

### Notes:

1. Among students who currently smoke (i.e. students who have ever smoked and did not report that they no longer smoke).
2. Students could choose more than one response option. Not all options are shown here.
3. Never or hardly ever asked for ID – among students who buy their own cigarettes.

## Alcohol Use

|                     |             | Have ever drunk alcohol |                     | Currently drink alcohol <sup>2</sup> |                     | Drink alcohol at least once a week |                     | Binge drinking in the last 4 weeks <sup>1</sup> |                     |
|---------------------|-------------|-------------------------|---------------------|--------------------------------------|---------------------|------------------------------------|---------------------|---|---------------------|
|                     |             | n (N)                   | % 95% CI            | n (N)                                | % 95% CI            | n (N)                              | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 4,670<br>(8,194)        | 57.1<br>54.0 - 60.2 | 3,704<br>(8,175)                     | 45.4<br>42.1 - 48.7 | 681<br>(8,175)                     | 8.3<br>7.3 - 9.4    | 1,843<br>(8,157)                                | 22.6<br>20.4 - 24.7 |
| <b>By sex</b>       | Male        | 2,151<br>(3,692)        | 58.4<br>54.3 - 62.5 | 1,662<br>(3,681)                     | 45.3<br>41.1 - 49.5 | 358<br>(3,681)                     | 9.7<br>8.1 - 11.3   | 846<br>(3,672)                                  | 23.0<br>19.9 - 26.0 |
|                     | Female      | 2,517<br>(4,500)        | 56.0<br>52.9 - 59.0 | 2,040<br>(4,492)                     | 45.5<br>42.2 - 48.8 | 322<br>(4,492)                     | 7.2<br>6.2 - 8.2    | 995<br>(4,483)                                  | 22.2<br>20.2 - 24.3 |
| <b>By age</b>       | 13 or less  | 525<br>(1,773)          | 29.5<br>26.3 - 32.8 | 328<br>(1,767)                       | 18.5<br>16.0 - 21.0 | 33<br>(1,767)                      | 1.8<br>1.1 - 2.5    | 114<br>(1,765)                                  | 6.4<br>4.7 - 8.0    |
|                     | 14          | 868<br>(1,840)          | 47.1<br>42.8 - 51.5 | 638<br>(1,839)                       | 34.8<br>30.7 - 38.8 | 86<br>(1,839)                      | 4.7<br>3.6 - 5.9    | 242<br>(1,831)                                  | 13.2<br>11.2 - 15.2 |
|                     | 15          | 1,030<br>(1,680)        | 61.4<br>57.3 - 65.5 | 814<br>(1,673)                       | 48.8<br>44.6 - 53.0 | 133<br>(1,673)                     | 8.0<br>6.5 - 9.5    | 356<br>(1,668)                                  | 21.4<br>18.7 - 24.1 |
|                     | 16          | 1,134<br>(1,517)        | 74.9<br>71.3 - 78.4 | 971<br>(1,514)                       | 64.1<br>59.8 - 68.5 | 200<br>(1,514)                     | 13.2<br>10.8 - 15.5 | 568<br>(1,511)                                  | 37.4<br>33.5 - 41.4 |
|                     | 17 or older | 1,107<br>(1,374)        | 80.8<br>76.9 - 84.6 | 947<br>(1,372)                       | 69.2<br>64.3 - 74.0 | 228<br>(1,372)                     | 16.7<br>13.9 - 19.4 | 562<br>(1,372)                                  | 41.0<br>36.6 - 45.5 |
| <b>By NZDep2006</b> | Low         | 1,545<br>(2,678)        | 57.9<br>55.1 - 60.7 | 1,304<br>(2,675)                     | 48.9<br>46.2 - 51.6 | 268<br>(2,675)                     | 10.1<br>8.5 - 11.6  | 620<br>(2,671)                                  | 23.3<br>21.0 - 25.5 |
|                     | Medium      | 1,684<br>(2,925)        | 57.7<br>53.9 - 61.5 | 1,349<br>(2,922)                     | 46.3<br>42.2 - 50.3 | 235<br>(2,922)                     | 8.0<br>6.9 - 9.2    | 674<br>(2,916)                                  | 23.1<br>20.1 - 26.1 |
|                     | High        | 1,386<br>(2,500)        | 55.3<br>50.1 - 60.6 | 1,008<br>(2,487)                     | 40.5<br>35.1 - 45.9 | 169<br>(2,487)                     | 6.8<br>5.0 - 8.5    | 530<br>(2,481)                                  | 21.3<br>18.2 - 24.4 |
| <b>By geography</b> | Urban       | 3,784<br>(6,864)        | 55.2<br>51.9 - 58.5 | 2,972<br>(6,850)                     | 43.5<br>39.9 - 47.0 | 562<br>(6,850)                     | 8.2<br>7.0 - 9.4    | 1,483<br>(6,837)                                | 21.7<br>19.5 - 24.0 |
|                     | Rural       | 831<br>(1,239)          | 67.3<br>63.7 - 70.8 | 689<br>(1,234)                       | 56.2<br>52.5 - 59.9 | 110<br>(1,234)                     | 9.0<br>6.7 - 11.4   | 341<br>(1,231)                                  | 27.6<br>24.1 - 31.1 |

### Notes:

1. Five or more alcoholic drinks in one session (within 4 hours).
2. Current drinkers were defined as students who continue to drink (at the time of the survey), beyond their first experience with alcohol.

### Frequency of alcohol consumption in the last 4 weeks<sup>1</sup>

|                     | Not in the last 4 weeks |                     | Once           |                     | Two or three times |                     | About once a week |                     | Several times a week or most days |                  |
|---------------------|-------------------------|---------------------|----------------|---------------------|--------------------|---------------------|-------------------|---------------------|-----------------------------------|------------------|
|                     | n (N)                   | % 95% CI            | n (N)          | % 95% CI            | n (N)              | % 95% CI            | n (N)             | % 95% CI            | n (N)                             | % 95% CI         |
| <b>Total</b>        | 1,145<br>(3,704)        | 30.9<br>28.9 - 33.0 | 929<br>(3,704) | 25.1<br>23.6 - 26.5 | 949<br>(3,704)     | 25.6<br>24.2 - 27.0 | 491<br>(3,704)    | 13.2<br>11.8 - 14.7 | 190<br>(3,704)                    | 5.1<br>4.2 - 6.1 |
| <b>By sex</b>       |                         |                     |                |                     |                    |                     |                   |                     |                                   |                  |
| Male                | 497<br>(1,662)          | 30.0<br>27.4 - 32.6 | 397<br>(1,662) | 23.8<br>22.1 - 25.5 | 410<br>(1,662)     | 24.8<br>23.2 - 26.3 | 241<br>(1,662)    | 14.4<br>12.1 - 16.7 | 117<br>(1,662)                    | 7.0<br>5.5 - 8.6 |
| Female              | 648<br>(2,040)          | 31.7<br>29.0 - 34.4 | 532<br>(2,040) | 26.1<br>24.0 - 28.3 | 538<br>(2,040)     | 26.3<br>24.2 - 28.5 | 250<br>(2,040)    | 12.3<br>10.7 - 13.8 | 72<br>(2,040)                     | 3.6<br>2.7 - 4.4 |
| <b>By age</b>       |                         |                     |                |                     |                    |                     |                   |                     |                                   |                  |
| 13 or less          | 145<br>(328)            | 44.3<br>38.3 - 50.2 | 79<br>(328)    | 24.1<br>19.2 - 29.0 | 71<br>(328)        | 22.0<br>17.5 - 26.4 | 19<br>(328)       | 5.4<br>3.2 - 7.7    | 14<br>(328)                       | 4.2<br>2.0 - 6.5 |
| 14                  | 264<br>(638)            | 41.3<br>37.4 - 45.2 | 161<br>(638)   | 25.3<br>21.9 - 28.6 | 127<br>(638)       | 19.8<br>16.7 - 23.0 | 54<br>(638)       | 8.6<br>6.2 - 11.0   | 32<br>(638)                       | 5.0<br>3.7 - 6.3 |
| 15                  | 282<br>(814)            | 34.6<br>31.2 - 37.9 | 209<br>(814)   | 25.7<br>22.6 - 28.9 | 190<br>(814)       | 23.3<br>20.3 - 26.2 | 94<br>(814)       | 11.6<br>9.7 - 13.5  | 39<br>(814)                       | 4.8<br>3.2 - 6.4 |
| 16                  | 243<br>(971)            | 25.2<br>21.6 - 28.8 | 242<br>(971)   | 24.8<br>21.9 - 27.7 | 286<br>(971)       | 29.5<br>26.5 - 32.5 | 145<br>(971)      | 14.8<br>12.0 - 17.6 | 55<br>(971)                       | 5.7<br>4.1 - 7.3 |
| 17 or older         | 207<br>(947)            | 21.9<br>18.5 - 25.2 | 238<br>(947)   | 25.1<br>22.3 - 27.9 | 274<br>(947)       | 28.9<br>25.4 - 32.5 | 179<br>(947)      | 18.9<br>16.1 - 21.7 | 49<br>(947)                       | 5.2<br>3.6 - 6.8 |
| <b>By NZDep2006</b> |                         |                     |                |                     |                    |                     |                   |                     |                                   |                  |
| Low                 | 373<br>(1,304)          | 28.6<br>25.7 - 31.4 | 339<br>(1,304) | 26.0<br>23.7 - 28.3 | 324<br>(1,304)     | 24.8<br>22.4 - 27.1 | 199<br>(1,304)    | 15.3<br>13.1 - 17.4 | 69<br>(1,304)                     | 5.3<br>3.6 - 7.1 |
| Medium              | 412<br>(1,349)          | 30.5<br>28.1 - 33.0 | 347<br>(1,349) | 25.7<br>23.6 - 27.8 | 355<br>(1,349)     | 26.4<br>24.2 - 28.7 | 173<br>(1,349)    | 12.7<br>11.0 - 14.4 | 62<br>(1,349)                     | 4.6<br>3.5 - 5.7 |
| High                | 348<br>(1,008)          | 34.6<br>30.8 - 38.4 | 236<br>(1,008) | 23.3<br>20.5 - 26.1 | 255<br>(1,008)     | 25.3<br>22.5 - 28.1 | 114<br>(1,008)    | 11.3<br>8.5 - 14.1  | 55<br>(1,008)                     | 5.4<br>3.8 - 7.1 |
| <b>By geography</b> |                         |                     |                |                     |                    |                     |                   |                     |                                   |                  |
| Urban               | 919<br>(2,972)          | 30.9<br>28.7 - 33.1 | 723<br>(2,972) | 24.3<br>22.8 - 25.9 | 768<br>(2,972)     | 25.9<br>24.3 - 27.4 | 404<br>(2,972)    | 13.6<br>11.9 - 15.2 | 158<br>(2,972)                    | 5.3<br>4.3 - 6.3 |
| Rural               | 214<br>(689)            | 31.0<br>27.0 - 35.1 | 199<br>(689)   | 28.8<br>24.9 - 32.7 | 166<br>(689)       | 24.1<br>20.7 - 27.5 | 82<br>(689)       | 11.9<br>9.3 - 14.6  | 28<br>(689)                       | 4.1<br>2.1 - 6.2 |

Note:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).



### Number of alcoholic drinks usually consumed in a session<sup>1,2</sup>

|                     | 1 Drink        |                     |                | 2 Drinks            |                |                     | 3-4 Drinks       |                     |                | 5-9 Drinks          |          |             | 10 or more drinks |             |  |
|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|------------------|---------------------|----------------|---------------------|----------|-------------|-------------------|-------------|--|
|                     | n<br>(N)       | %<br>95% CI         | n<br>(N)       | %<br>95% CI         | n<br>(N)       | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)       | %<br>95% CI         | n<br>(N) | %<br>95% CI | n<br>(N)          | %<br>95% CI |  |
| <b>Total</b>        | 634<br>(3,665) | 17.3<br>15.8 - 18.9 | 512<br>(3,665) | 13.9<br>12.6 - 15.3 | 927<br>(3,665) | 25.3<br>23.5 - 27.2 | 1,063<br>(3,665) | 29.1<br>27.3 - 30.8 | 529<br>(3,665) | 14.3<br>12.4 - 16.3 |          |             |                   |             |  |
| <b>By sex</b>       |                |                     |                |                     |                |                     |                  |                     |                |                     |          |             |                   |             |  |
| Male                | 329<br>(1,649) | 20.0<br>17.3 - 22.6 | 209<br>(1,649) | 12.7<br>11.0 - 14.4 | 328<br>(1,649) | 20.0<br>17.6 - 22.5 | 453<br>(1,649)   | 27.5<br>25.2 - 29.9 | 330<br>(1,649) | 19.8<br>16.9 - 22.7 |          |             |                   |             |  |
| Female              | 305<br>(2,014) | 15.2<br>13.5 - 16.9 | 303<br>(2,014) | 15.0<br>13.3 - 16.6 | 598<br>(2,014) | 29.7<br>27.1 - 32.4 | 609<br>(2,014)   | 30.3<br>28.2 - 32.4 | 199<br>(2,014) | 9.8<br>7.9 - 11.8   |          |             |                   |             |  |
| <b>By age</b>       |                |                     |                |                     |                |                     |                  |                     |                |                     |          |             |                   |             |  |
| 13 or less          | 126<br>(316)   | 40.2<br>33.7 - 46.8 | 52<br>(316)    | 16.6<br>12.5 - 20.7 | 62<br>(316)    | 19.5<br>15.2 - 23.7 | 47<br>(316)      | 15.0<br>11.4 - 18.6 | 29<br>(316)    | 8.7<br>4.6 - 12.7   |          |             |                   |             |  |
| 14                  | 171<br>(626)   | 27.4<br>23.2 - 31.5 | 100<br>(626)   | 16.1<br>13.0 - 19.1 | 141<br>(626)   | 22.6<br>18.8 - 26.3 | 137<br>(626)     | 21.9<br>18.4 - 25.4 | 77<br>(626)    | 12.1<br>9.7 - 14.5  |          |             |                   |             |  |
| 15                  | 166<br>(807)   | 20.6<br>17.5 - 23.6 | 132<br>(807)   | 16.3<br>13.4 - 19.3 | 204<br>(807)   | 25.3<br>22.2 - 28.3 | 202<br>(807)     | 25.1<br>22.3 - 27.9 | 103<br>(807)   | 12.7<br>10.2 - 15.3 |          |             |                   |             |  |
| 16                  | 89<br>(966)    | 9.3<br>7.4 - 11.2   | 118<br>(966)   | 12.1<br>10.2 - 14.0 | 264<br>(966)   | 27.5<br>24.1 - 30.9 | 337<br>(966)     | 34.9<br>31.4 - 38.4 | 158<br>(966)   | 16.2<br>13.0 - 19.4 |          |             |                   |             |  |
| 17 or older         | 81<br>(944)    | 8.6<br>6.3 - 10.9   | 109<br>(944)   | 11.5<br>8.9 - 14.0  | 255<br>(944)   | 27.0<br>23.8 - 30.2 | 338<br>(944)     | 35.8<br>31.7 - 40.0 | 161<br>(944)   | 17.1<br>13.9 - 20.4 |          |             |                   |             |  |
| <b>By NZDep2006</b> |                |                     |                |                     |                |                     |                  |                     |                |                     |          |             |                   |             |  |
| Low                 | 256<br>(1,296) | 19.7<br>17.9 - 21.6 | 195<br>(1,296) | 15.1<br>13.1 - 17.0 | 360<br>(1,296) | 27.7<br>24.5 - 30.9 | 358<br>(1,296)   | 27.7<br>24.9 - 30.4 | 127<br>(1,296) | 9.8<br>7.5 - 12.2   |          |             |                   |             |  |
| Medium              | 237<br>(1,335) | 17.8<br>15.3 - 20.2 | 184<br>(1,335) | 13.7<br>11.6 - 15.7 | 339<br>(1,335) | 25.5<br>22.9 - 28.0 | 400<br>(1,335)   | 30.0<br>27.5 - 32.5 | 175<br>(1,335) | 13.1<br>10.8 - 15.4 |          |             |                   |             |  |
| High                | 133<br>(991)   | 13.5<br>11.1 - 15.9 | 128<br>(991)   | 12.9<br>10.6 - 15.1 | 220<br>(991)   | 22.3<br>19.9 - 24.8 | 288<br>(991)     | 29.2<br>26.5 - 31.9 | 222<br>(991)   | 22.1<br>19.2 - 24.9 |          |             |                   |             |  |
| <b>By geography</b> |                |                     |                |                     |                |                     |                  |                     |                |                     |          |             |                   |             |  |
| Urban               | 486<br>(2,939) | 16.6<br>14.9 - 18.2 | 413<br>(2,939) | 14.0<br>12.5 - 15.4 | 765<br>(2,939) | 26.1<br>24.1 - 28.1 | 841<br>(2,939)   | 28.7<br>26.8 - 30.7 | 434<br>(2,939) | 14.6<br>12.6 - 16.7 |          |             |                   |             |  |
| Rural               | 140<br>(683)   | 20.7<br>17.4 - 23.9 | 94<br>(683)    | 13.8<br>11.2 - 16.5 | 154<br>(683)   | 22.6<br>19.0 - 26.2 | 205<br>(683)     | 29.8<br>26.0 - 33.6 | 90<br>(683)    | 13.1<br>9.5 - 16.7  |          |             |                   |             |  |

**Notes:**

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).
2. One session is within about 4 hours. One drink is one small glass of wine, one can or stubbie, one ready-made alcoholic drink (e.g. rum and coke), or one nip of spirits.

## Type of alcoholic drink usually consumed<sup>1</sup>

|                     | Beer          |                     | Wine        |                  | Ready-made alcoholic drink (RTDs), e.g. vodka cruisers, Mudslide, KGBs |                     | Spirits     |                    | Other       |                   |
|---------------------|---------------|---------------------|-------------|------------------|--|---------------------|-------------|--------------------|-------------|-------------------|
|                     | n (N)         | % 95% CI            | n (N)       | % 95% CI         | n (N)  | % 95% CI            | n (N)       | % 95% CI           | n (N)       | % 95% CI          |
| <b>Total</b>        | 1,036 (3,674) | 28.2<br>23.8 - 32.6 | 191 (3,674) | 5.2<br>4.3 - 6.1 | 1,957 (3,674)  | 53.3<br>49.5 - 57.1 | 331 (3,674) | 9.0<br>7.8 - 10.2  | 159 (3,674) | 4.3<br>3.6 - 5.0  |
| <b>By sex</b>       |               |                     |             |                  |  |                     |             |                    |             |                   |
| Male                | 854 (1,647)   | 51.9<br>47.8 - 56.0 | 051 (1,647) | 3.1<br>2.2 - 4.1 | 521 (1,647)  | 31.7<br>28.5 - 34.8 | 150 (1,647) | 9.0<br>7.0 - 11.1  | 71 (1,647)  | 4.3<br>3.2 - 5.4  |
| Female              | 182 (2,025)   | 8.9<br>7.4 - 10.3   | 140 (2,025) | 7.0<br>5.8 - 8.1 | 1,435 (2,025)  | 71.0<br>68.9 - 73.1 | 180 (2,025) | 8.9<br>7.6 - 10.1  | 88 (2,025)  | 4.3<br>3.6 - 5.1  |
| <b>By age</b>       |               |                     |             |                  |  |                     |             |                    |             |                   |
| 13 or less          | 101 (324)     | 31.3<br>24.9 - 37.7 | 13 (324)    | 4.0<br>1.8 - 6.2 | 158 (324)  | 48.7<br>41.1 - 56.2 | 21 (324)    | 6.4<br>3.8 - 9.0   | 31 (324)    | 9.6<br>6.3 - 12.9 |
| 14                  | 184 (635)     | 29.1<br>23.2 - 34.9 | 32 (635)    | 5.1<br>3.3 - 7.0 | 338 (635)  | 53.1<br>47.6 - 58.7 | 51 (635)    | 8.0<br>5.8 - 10.1  | 30 (635)    | 4.7<br>3.0 - 6.5  |
| 15                  | 221 (805)     | 27.2<br>23.0 - 31.5 | 43 (805)    | 5.4<br>3.9 - 6.9 | 460 (805)  | 57.4<br>53.0 - 61.7 | 51 (805)    | 6.3<br>4.6 - 8.0   | 30 (805)    | 3.7<br>2.5 - 4.9  |
| 16                  | 269 (966)     | 27.8<br>22.1 - 33.5 | 44 (966)    | 4.6<br>3.2 - 5.9 | 518 (966)  | 53.6<br>48.2 - 59.0 | 100 (966)   | 10.4<br>8.5 - 12.3 | 35 (966)    | 3.6<br>2.3 - 4.9  |
| 17 or older         | 260 (938)     | 27.9<br>22.3 - 33.5 | 59 (938)    | 6.3<br>4.5 - 8.1 | 479 (938)  | 51.0<br>46.0 - 56.0 | 107 (938)   | 11.3<br>8.8 - 13.7 | 33 (938)    | 3.5<br>2.1 - 4.9  |
| <b>By NZDep2006</b> |               |                     |             |                  |  |                     |             |                    |             |                   |
| Low                 | 398 (1,296)   | 30.8<br>23.7 - 37.9 | 79 (1,296)  | 6.1<br>4.5 - 7.6 | 631 (1,296)  | 48.6<br>42.4 - 54.9 | 118 (1,296) | 9.1<br>7.2 - 11.0  | 70 (1,296)  | 5.4<br>3.9 - 6.8  |
| Medium              | 381 (1,334)   | 28.5<br>24.2 - 32.8 | 65 (1,334)  | 4.9<br>3.8 - 6.0 | 711 (1,334)  | 53.4<br>49.5 - 57.3 | 127 (1,334) | 9.5<br>7.9 - 11.1  | 50 (1,334)  | 3.7<br>2.8 - 4.7  |
| High                | 245 (1,001)   | 24.4<br>20.3 - 28.6 | 46 (1,001)  | 4.7<br>3.4 - 6.0 | 591 (1,001)  | 59.1<br>55.3 - 62.9 | 83 (1,001)  | 8.2<br>6.2 - 10.2  | 36 (1,001)  | 3.6<br>2.3 - 4.8  |
| <b>By geography</b> |               |                     |             |                  |  |                     |             |                    |             |                   |
| Urban               | 777 (2,944)   | 26.4<br>21.9 - 30.9 | 155 (2,944) | 5.3<br>4.3 - 6.2 | 1,618 (2,944)  | 54.9<br>51.0 - 58.9 | 267 (2,944) | 9.0<br>7.7 - 10.4  | 127 (2,944) | 4.3<br>3.5 - 5.2  |
| Rural               | 247 (687)     | 36.0<br>30.1 - 41.8 | 35 (687)    | 5.2<br>3.4 - 6.9 | 315 (687)  | 46.0<br>40.8 - 51.1 | 61 (687)    | 8.8<br>6.7 - 10.9  | 29 (687)    | 4.1<br>2.7 - 5.5  |

Note:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).

## Usual source of alcohol <sup>1,2</sup>

|                     |             | Parents buy, give, or let students take from home with permission |                     | Friends give it to student |                     | Student buys their own alcohol |                     | Someone else buys alcohol for student |                     |
|---------------------|-------------|---|---------------------|----------------------------|---------------------|--------------------------------|---------------------|---------------------------------------|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)                      | % 95% CI            | n (N)                          | % 95% CI            | n (N)                                 | % 95% CI            |
| <b>Total</b>        |             | 2,211<br>(3,681)  | 60.1<br>56.9 - 63.3 | 1,609<br>(3,681)           | 43.8<br>41.6 - 46.0 | 398<br>(3,681)                 | 10.8<br>9.5 - 12.1  | 1,089<br>(3,681)                      | 29.7<br>27.9 - 31.4 |
| <b>By sex</b>       | Male        | 954<br>(1,650)  | 57.9<br>54.4 - 61.4 | 647<br>(1,650)             | 39.4<br>36.7 - 42.0 | 213<br>(1,650)                 | 12.8<br>11.0 - 14.7 | 385<br>(1,650)                        | 23.5<br>20.7 - 26.4 |
|                     | Female      | 1,255<br>(2,029)  | 61.9<br>57.8 - 65.9 | 960<br>(2,029)             | 47.3<br>44.3 - 50.4 | 185<br>(2,029)                 | 9.1<br>7.6 - 10.6   | 702<br>(2,029)                        | 34.6<br>32.1 - 37.2 |
| <b>By age</b>       | 13 or less  | 166<br>(321)  | 51.8<br>46.1 - 57.6 | 104<br>(321)               | 32.1<br>26.7 - 37.4 | 8<br>(321)                     | 2.5<br>0.7 - 4.4    | 42<br>(321)                           | 13.2<br>9.2 - 17.1  |
|                     | 14          | 334<br>(632)  | 52.8<br>47.9 - 57.7 | 273<br>(632)               | 43.5<br>39.8 - 47.2 | 33<br>(632)                    | 5.2<br>3.4 - 7.0    | 153<br>(632)                          | 24.3<br>20.5 - 28.1 |
|                     | 15          | 468<br>(807)  | 58.1<br>54.1 - 62.0 | 375<br>(807)               | 46.6<br>42.8 - 50.3 | 39<br>(807)                    | 4.8<br>3.4 - 6.3    | 238<br>(807)                          | 29.6<br>26.4 - 32.9 |
|                     | 16          | 630<br>(968)  | 65.1<br>60.2 - 69.9 | 434<br>(968)               | 44.8<br>41.0 - 48.6 | 88<br>(968)                    | 9.0<br>7.0 - 11.0   | 355<br>(968)                          | 36.6<br>33.2 - 40.0 |
|                     | 17 or older | 607<br>(947)  | 64.1<br>59.7 - 68.6 | 419<br>(947)               | 44.3<br>40.2 - 48.4 | 228<br>(947)                   | 24.0<br>20.9 - 27.2 | 300<br>(947)                          | 31.8<br>28.7 - 34.9 |
| <b>By NZDep2006</b> | Low         | 819<br>(1,299)  | 63.2<br>59.3 - 67.1 | 563<br>(1,299)             | 43.3<br>39.9 - 46.8 | 157<br>(1,299)                 | 12.1<br>10.0 - 14.3 | 379<br>(1,299)                        | 29.2<br>26.7 - 31.7 |
|                     | Medium      | 829<br>(1,337)  | 62.0<br>58.8 - 65.2 | 566<br>(1,337)             | 42.4<br>40.2 - 44.7 | 133<br>(1,337)                 | 9.9<br>8.2 - 11.6   | 400<br>(1,337)                        | 30.0<br>27.2 - 32.9 |
|                     | High        | 535<br>(1,002)  | 53.2<br>46.9 - 59.4 | 456<br>(1,002)             | 45.7<br>41.4 - 50.1 | 100<br>(1,002)                 | 9.9<br>7.7 - 12.1   | 294<br>(1,002)                        | 29.5<br>26.8 - 32.3 |
| <b>By geography</b> | Urban       | 1,714<br>(2,953)  | 58.0<br>54.4 - 61.6 | 1,319<br>(2,953)           | 44.7<br>42.1 - 47.3 | 328<br>(2,953)                 | 11.1<br>9.7 - 12.5  | 895<br>(2,953)                        | 30.4<br>28.6 - 32.2 |
|                     | Rural       | 469<br>(685)  | 68.6<br>65.1 - 72.1 | 266<br>(685)               | 39.1<br>35.3 - 42.8 | 62<br>(685)                    | 8.9<br>7.1 - 10.7   | 178<br>(685)                          | 26.0<br>21.9 - 30.1 |

### Notes:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).
2. Students could choose more than one response option. Not all options are shown here.

## Place student usually buys alcohol<sup>1</sup>

|                     |                         | Bottle or liquor store |                     | Supermarket |                     | Other locations <sup>2</sup> |                     | Not asked to show ID <sup>3</sup> when buying alcohol |                     |
|---------------------|-------------------------|------------------------|---------------------|-------------|---------------------|------------------------------|---------------------|---|---------------------|
|                     |                         | n (N)                  | % 95% CI            | n (N)       | % 95% CI            | n (N)                        | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |                         | 273 (398)              | 68.9<br>63.1 - 74.7 | 57 (398)    | 14.6<br>9.3 - 19.8  | 68 (398)                     | 16.5<br>12.4 - 20.7 | 90 (354)  | 25.1<br>19.1 - 31.1 |
| <b>By sex</b>       | Male                    | 142 (213)              | 67.0<br>59.5 - 74.6 | 32 (213)    | 15.4<br>7.8 - 22.9  | 39 (213)                     | 17.6<br>11.8 - 23.3 | 52 (191)  | 26.7<br>18.5 - 35.0 |
|                     | Female                  | 131 (185)              | 71.0<br>62.5 - 79.5 | 25 (185)    | 13.6<br>7.5 - 19.8  | 29 (185)                     | 15.4<br>9.4 - 21.3  | 38 (163)  | 23.1<br>15.7 - 30.5 |
| <b>By age</b>       | 13 or less <sup>4</sup> |                        |                     |             |                     |                              |                     |   |                     |
|                     | 14                      | 17 (33)                | 52.0<br>30.3 - 73.8 | 7 (33)      | 20.5<br>4.7 - 36.3  | 9 (33)                       | 27.4<br>10.8 - 44.1 | 16 (23)   | 68.2<br>49.4 - 87.0 |
|                     | 15                      | 24 (39)                | 61.4<br>47.2 - 75.5 | 3 (39)      | 7.7<br>0.0 - 16.0   | 12 (39)                      | 30.9<br>16.3 - 45.6 | 9 (27)  | 33.6<br>15.3 - 51.8 |
|                     | 16                      | 66 (88)                | 75.6<br>67.1 - 84.1 | 4 (88)      | 5.1<br>0.0 - 11.3   | 18 (88)                      | 19.3<br>11.8 - 26.8 | 26 (76)   | 34.2<br>21.9 - 46.4 |
|                     | 17 or older             | 161 (228)              | 70.9<br>63.8 - 77.9 | 43 (228)    | 19.2<br>12.3 - 26.0 | 24 (228)                     | 10.0<br>5.6 - 14.4  | 38 (223)  | 16.6<br>11.2 - 22.1 |
| <b>By NZDep2006</b> | Low                     | 105 (157)              | 66.9<br>58.3 - 75.4 | 28 (157)    | 18.2<br>10.4 - 25.9 | 24 (157)                     | 15.0<br>9.6 - 20.4  | 30 (141)  | 21.1<br>12.3 - 29.9 |
|                     | Medium                  | 95 (133)               | 72.0<br>64.1 - 79.8 | 16 (133)    | 12.1<br>5.9 - 18.3  | 22 (133)                     | 16.0<br>9.1 - 22.8  | 31 (117)  | 26.2<br>18.7 - 33.6 |
|                     | High                    | 68 (100)               | 68.5<br>58.6 - 78.5 | 12 (100)    | 12.3<br>6.0 - 18.5  | 20 (100)                     | 19.2<br>10.5 - 27.8 | 25 (88)   | 27.8<br>17.8 - 37.8 |
| <b>By geography</b> | Urban                   | 228 (328)              | 69.7<br>63.5 - 75.8 | 45 (328)    | 13.9<br>8.6 - 19.2  | 55 (328)                     | 16.4<br>11.7 - 21.1 | 75 (290)  | 25.7<br>18.8 - 32.6 |
|                     | Rural                   | 40 (62)                | 65.4<br>51.7 - 79.1 | 11 (62)     | 18.5<br>5.6 - 31.5  | 11 (62)                      | 16.1<br>6.7 - 25.5  | 11 (56)   | 18.1<br>8.7 - 27.5  |

### Notes:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink) and buy it themselves.
2. Other includes a pub, café, restaurant, club, party, friend, family and other.
3. Almost never or hardly ever.
4. Not reported as total number of students 13 or younger buying alcohol <10

## Students' concerns about their alcohol use<sup>1</sup>

|                     |             | Worried about how much alcohol they drink <sup>2</sup> |                     | Have ever tried to cut down or give-up drinking alcohol |                     |
|---------------------|-------------|--|---------------------|---|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 307<br>(3,688)   | 8.3<br>6.9 - 9.7    | 486<br>(3,673)  | 13.2<br>11.1 - 15.2 |
| <b>By sex</b>       | Male        | 147<br>(1,655)   | 8.7<br>6.8 - 10.6   | 215<br>(1,648)  | 12.9<br>10.2 - 15.5 |
|                     | Female      | 159<br>(2,031)   | 7.9<br>6.2 - 9.5    | 271<br>(2,023)  | 13.4<br>10.9 - 15.9 |
| <b>By age</b>       | 13 or less  | 42<br>(324)  | 12.9<br>8.3 - 17.6  | 54<br>(318)   | 16.7<br>11.8 - 21.6 |
|                     | 14          | 60<br>(635)  | 9.3<br>6.8 - 11.9   | 84<br>(632)   | 13.2<br>10.3 - 16.1 |
|                     | 15          | 73<br>(807)  | 9.0<br>6.2 - 11.8   | 110<br>(805)  | 13.6<br>10.4 - 16.8 |
|                     | 16          | 71<br>(969)  | 7.3<br>5.4 - 9.1    | 116<br>(967)  | 12.0<br>9.2 - 14.8  |
|                     | 17 or older | 60<br>(947)  | 6.3<br>4.8 - 7.9    | 122<br>(945)  | 12.9<br>10.2 - 15.5 |
| <b>By NZDep2006</b> | Low         | 63<br>(1,304)  | 4.8<br>3.7 - 5.8    | 109<br>(1,299)  | 8.3<br>6.9 - 9.7    |
|                     | Medium      | 78<br>(1,342)  | 5.8<br>4.7 - 6.9    | 142<br>(1,336)  | 10.7<br>8.6 - 12.7  |
|                     | High        | 162<br>(999)   | 16.2<br>13.3 - 19.1 | 234<br>(996)  | 23.5<br>20.1 - 26.9 |
| <b>By geography</b> | Urban       | 260<br>(2,959)   | 8.8<br>7.2 - 10.3   | 425<br>(2,946)  | 14.3<br>12.0 - 16.7 |
|                     | Rural       | 43<br>(686)  | 6.1<br>4.0 - 8.1    | 60<br>(685)   | 8.7<br>6.3 - 11.2   |

### Notes:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).
2. Some or a lot.

Alcohol related problems experienced by students in the last 12 months<sup>1,2</sup> (table 1 of 2)

|                     | Friends or family have told student to cut down |                    | Performance at school or work was affected |                  | Had unsafe sex (no condom) |                     | Had unwanted sex |                  | Did things that could have got them into serious trouble (e.g. stealing, etc.) |                     |
|---------------------|---|--------------------|--|------------------|----------------------------|---------------------|------------------|------------------|--|---------------------|
|                     | n (N)   | % 95% CI           | n (N)                                      | % 95% CI         | n (N)                      | % 95% CI            | n (N)            | % 95% CI         | n (N)  | % 95% CI            |
| <b>Total</b>        | 388 (3,621)                                     | 10.7<br>9.5 - 11.9 | 214 (3,621)                                | 5.9<br>5.0 - 6.8 | 423 (3,621)                | 11.6<br>10.4 - 12.9 | 168 (3,621)      | 4.6<br>3.9 - 5.3 | 464 (3,621)  | 12.8<br>11.5 - 14.0 |
| <b>By sex</b>       | Male  | 147 (1,605)        | 86 (1,605)                                 | 5.3<br>4.1 - 6.5 | 155 (1,605)                | 9.5<br>8.0 - 11.1   | 59 (1,605)       | 3.6<br>2.6 - 4.5 | 221 (1,605)  | 13.7<br>11.8 - 15.6 |
|                     | Female  | 240 (2,014)        | 127 (2,014)                                | 6.3<br>5.0 - 7.6 | 267 (2,014)                | 13.3<br>11.6 - 15.0 | 109 (2,014)      | 5.4<br>4.4 - 6.5 | 242 (2,014)  | 12.0<br>10.3 - 13.7 |
| <b>By age</b>       | 13 or less                                      | 26 (313)           | 20 (313)                                   | 6.4<br>3.3 - 9.4 | 23 (313)                   | 7.3<br>4.6 - 10.1   | 14 (313)         | 4.4<br>1.9 - 7.0 | 41 (313)   | 13.3<br>9.1 - 17.5  |
|                     | 14  | 62 (616)           | 32 (616)                                   | 5.0<br>3.0 - 7.0 | 58 (616)                   | 9.2<br>6.9 - 11.5   | 23 (616)         | 3.6<br>2.0 - 5.2 | 87 (616)   | 14.1<br>10.8 - 17.4 |
|                     | 15  | 87 (798)           | 44 (798)                                   | 5.5<br>3.8 - 7.1 | 84 (798)                   | 10.5<br>8.2 - 12.9  | 36 (798)         | 4.6<br>2.9 - 6.2 | 97 (798)   | 12.0<br>9.7 - 14.2  |
|                     | 16  | 101 (949)          | 55 (949)                                   | 5.7<br>4.1 - 7.4 | 119 (949)                  | 12.4<br>10.1 - 14.8 | 45 (949)         | 4.7<br>3.1 - 6.3 | 127 (949)  | 13.3<br>11.0 - 15.5 |
|                     | 17 or older                                     | 111 (939)          | 62 (939)                                   | 6.6<br>4.7 - 8.5 | 139 (939)                  | 14.9<br>12.5 - 17.2 | 50 (939)         | 5.4<br>3.7 - 7.0 | 110 (939)  | 11.8<br>9.5 - 14.0  |
| <b>By NZDep2006</b> | Low   | 123 (1,285)        | 61 (1,285)                                 | 4.7<br>3.4 - 6.0 | 120 (1,285)                | 9.2<br>7.7 - 10.8   | 40 (1,285)       | 3.1<br>2.1 - 4.1 | 156 (1,285)  | 12.0<br>10.4 - 13.7 |
|                     | Medium  | 120 (1,323)        | 76 (1,323)                                 | 5.7<br>4.3 - 7.1 | 152 (1,323)                | 11.5<br>9.7 - 13.4  | 56 (1,323)       | 4.2<br>3.1 - 5.4 | 162 (1,323)  | 12.3<br>10.3 - 14.3 |
|                     | High  | 140 (973)          | 76 (973)                                   | 7.8<br>6.1 - 9.5 | 146 (973)                  | 15.0<br>12.0 - 18.0 | 67 (973)         | 6.9<br>5.0 - 8.8 | 144 (973)  | 14.8<br>12.3 - 17.2 |
| <b>By geography</b> | Urban   | 329 (2,911)        | 177 (2,911)                                | 6.0<br>5.0 - 7.1 | 350 (2,911)                | 12.0<br>10.5 - 13.5 | 135 (2,911)      | 4.6<br>3.8 - 5.4 | 386 (2,911)  | 13.3<br>12.0 - 14.5 |
|                     | Rural   | 54 (670)           | 36 (670)                                   | 5.3<br>3.6 - 7.1 | 68 (670)                   | 10.1<br>7.5 - 12.6  | 28 (670)         | 4.3<br>2.8 - 5.7 | 76 (670)   | 11.1<br>8.2 - 13.9  |

Notes:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).
2. Students could choose more than one response option.

## Alcohol-related problems experienced by students in the last 12 months<sup>1,2</sup> (table 2 of 2)

|                     |             | Was injured |                     | Was injured and required treatment by a doctor or nurse |                  | Injured someone else |                  | Had a car crash when drinking |                  |
|---------------------|-------------|-------------|---------------------|---|------------------|----------------------|------------------|-------------------------------|------------------|
|                     |             | n (N)       | % 95% CI            | n (N)   | % 95% CI         | n (N)                | % 95% CI         | n (N)                         | % 95% CI         |
| <b>Total</b>        |             | 558 (3,621) | 15.4<br>13.9 - 17.0 | 111 (3,621)   | 3.1<br>2.6 - 3.6 | 166 (3,621)          | 4.6<br>3.8 - 5.4 | 52 (3,621)                    | 1.4<br>1.0 - 1.9 |
| <b>By sex</b>       | Male        | 205 (1,605) | 12.8<br>10.5 - 15.0 | 48 (1,605)  | 3.0<br>2.2 - 3.7 | 91 (1,605)           | 5.6<br>4.4 - 6.8 | 32 (1,605)                    | 2.0<br>1.2 - 2.8 |
|                     | Female      | 353 (2,014) | 17.6<br>15.6 - 19.6 | 63 (2,014)  | 3.2<br>2.4 - 3.9 | 75 (2,014)           | 3.7<br>2.8 - 4.6 | 20 (2,014)                    | 1.0<br>0.6 - 1.4 |
| <b>By age</b>       | 13 or less  | 26 (313)    | 8.2<br>4.8 - 11.5   | 8 (313)   | 2.6<br>0.6 - 4.6 | 18 (313)             | 5.7<br>2.9 - 8.6 | 7 (313)                       | 2.3<br>0.3 - 4.3 |
|                     | 14          | 69 (616)    | 11.1<br>8.3 - 13.9  | 28 (616)  | 4.4<br>2.8 - 6.1 | 30 (616)             | 4.8<br>3.0 - 6.7 | 18 (616)                      | 2.8<br>1.7 - 3.9 |
|                     | 15          | 110 (798)   | 13.7<br>10.9 - 16.5 | 26 (798)  | 3.3<br>2.1 - 4.5 | 36 (798)             | 4.5<br>3.2 - 5.8 | 10 (798)                      | 1.3<br>0.5 - 2.1 |
|                     | 16          | 185 (949)   | 19.5<br>16.6 - 22.5 | 27 (949)  | 2.9<br>1.6 - 4.1 | 42 (949)             | 4.4<br>2.7 - 6.1 | 7 (949)                       | 0.7<br>0.2 - 1.3 |
|                     | 17 or older | 166 (939)   | 17.9<br>14.9 - 20.8 | 20 (939)  | 2.1<br>1.3 - 3.0 | 39 (939)             | 4.2<br>2.8 - 5.6 | 10 (939)                      | 1.1<br>0.5 - 1.7 |
| <b>By NZDep2006</b> | Low         | 194 (1,285) | 15.1<br>12.8 - 17.4 | 28 (1,285)  | 2.2<br>1.4 - 2.9 | 48 (1,285)           | 3.7<br>2.5 - 4.9 | 13 (1,285)                    | 1.0<br>0.5 - 1.6 |
|                     | Medium      | 198 (1,323) | 15.1<br>12.8 - 17.4 | 43 (1,323)  | 3.2<br>2.3 - 4.2 | 53 (1,323)           | 4.0<br>3.0 - 5.0 | 13 (1,323)                    | 1.0<br>0.5 - 1.4 |
|                     | High        | 158 (973)   | 16.2<br>13.3 - 19.1 | 38 (973)  | 3.9<br>2.6 - 5.3 | 64 (973)             | 6.6<br>4.8 - 8.3 | 26 (973)                      | 2.7<br>1.5 - 3.8 |
| <b>By geography</b> | Urban       | 455 (2,911) | 15.6<br>13.9 - 17.2 | 87 (2,911)  | 3.0<br>2.4 - 3.5 | 141 (2,911)          | 4.8<br>3.9 - 5.7 | 41 (2,911)                    | 1.4<br>1.0 - 1.8 |
|                     | Rural       | 95 (670)    | 14.5<br>11.5 - 17.6 | 22 (670)  | 3.4<br>1.9 - 4.8 | 24 (670)             | 3.6<br>1.9 - 5.4 | 11 (670)                      | 1.7<br>0.4 - 2.9 |

### Notes:

1. Among students who currently drink alcohol (i.e. students who have ever drunk alcohol and did not report that they no longer drink).
2. Students could choose more than one response option.

# Marijuana Use

## Marijuana use

|                     |             | Ever smoked marijuana |                     | Current marijuana use <sup>1</sup> |                     | Weekly or more often marijuana use |                  |
|---------------------|-------------|-----------------------|---------------------|------------------------------------|---------------------|------------------------------------|------------------|
|                     |             | n (N)                 | % 95% CI            | n (N)                              | % 95% CI            | n (N)                              | % 95% CI         |
| <b>Total</b>        |             | 1,867<br>(8,117)      | 23.0<br>21.3 - 24.7 | 1,037<br>(8,109)                   | 12.8<br>11.6 - 14.0 | 260<br>(8,109)                     | 3.2<br>2.6 - 3.8 |
| <b>By sex</b>       | Male        | 886<br>(3,648)        | 24.2<br>22.1 - 26.4 | 522<br>(3,644)                     | 14.4<br>12.7 - 16.0 | 166<br>(3,644)                     | 4.6<br>3.7 - 5.4 |
|                     | Female      | 980<br>(4,467)        | 22.0<br>19.9 - 24.0 | 514<br>(4,463)                     | 11.5<br>10.2 - 12.8 | 93<br>(4,463)                      | 2.0<br>1.5 - 2.6 |
| <b>By age</b>       | 13 or less  | 139<br>(1,742)        | 7.8<br>6.3 - 9.3    | 72<br>(1,740)                      | 4.0<br>3.0 - 5.1    | 20<br>(1,740)                      | 1.1<br>0.6 - 1.6 |
|                     | 14          | 306<br>(1,824)        | 16.8<br>14.4 - 19.2 | 175<br>(1,822)                     | 9.7<br>7.7 - 11.7   | 53<br>(1,822)                      | 2.9<br>2.1 - 3.8 |
|                     | 15          | 409<br>(1,662)        | 24.6<br>21.8 - 27.4 | 216<br>(1,661)                     | 13.0<br>10.9 - 15.2 | 64<br>(1,661)                      | 3.9<br>2.8 - 5.0 |
|                     | 16          | 516<br>(1,508)        | 34.2<br>31.2 - 37.2 | 295<br>(1,505)                     | 19.6<br>17.1 - 22.2 | 71<br>(1,505)                      | 4.7<br>3.6 - 5.9 |
|                     | 17 or older | 494<br>(1,371)        | 36.1<br>32.6 - 39.6 | 278<br>(1,371)                     | 20.2<br>18.0 - 22.5 | 52<br>(1,371)                      | 3.7<br>2.5 - 4.9 |
| <b>By NZDep2006</b> | Low         | 558<br>(2,662)        | 21.0<br>19.1 - 22.9 | 311<br>(2,661)                     | 11.7<br>10.2 - 13.2 | 63<br>(2,661)                      | 2.3<br>1.6 - 3.1 |
|                     | Medium      | 675<br>(2,908)        | 23.3<br>21.0 - 25.7 | 392<br>(2,906)                     | 13.6<br>11.8 - 15.4 | 92<br>(2,906)                      | 3.2<br>2.3 - 4.0 |
|                     | High        | 617<br>(2,456)        | 24.9<br>21.8 - 28.0 | 324<br>(2,452)                     | 13.1<br>11.1 - 15.1 | 102<br>(2,452)                     | 4.2<br>3.2 - 5.1 |
| <b>By geography</b> | Urban       | 1,536<br>(6,805)      | 22.6<br>20.8 - 24.4 | 849<br>(6,800)                     | 12.5<br>11.2 - 13.8 | 208<br>(6,800)                     | 3.1<br>2.5 - 3.6 |
|                     | Rural       | 314<br>(1,221)        | 25.5<br>21.7 - 29.4 | 178<br>(1,219)                     | 14.6<br>12.1 - 17.0 | 49<br>(1,219)                      | 4.0<br>2.3 - 5.6 |

Note:

1. Current marijuana use i.e. students who have ever smoked marijuana and did not report that they no longer smoked it.



## Problem marijuana use and students' concerns about their marijuana use<sup>1</sup>

|                     |             | Usually uses marijuana before or during school |                     | Usually uses marijuana alone |                    | Worried about how often they use marijuana <sup>2</sup> |                     | Has tried to cut down or give up marijuana |                     |
|---------------------|-------------|--|---------------------|------------------------------|--------------------|---|---------------------|--|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)                        | % 95% CI           | n (N)   | % 95% CI            | n (N)                                      | % 95% CI            |
| <b>Total</b>        |             | 217<br>(1,012)                                 | 21.4<br>17.7 - 25.1 | 86<br>(1,029)                | 8.3<br>6.4 - 10.2  | 143<br>(1,033)  | 13.8<br>11.2 - 16.3 | 347<br>(1,031)                             | 33.5<br>30.5 - 36.5 |
| <b>By sex</b>       | Male        | 116<br>(508)                                   | 22.7<br>18.0 - 27.5 | 59<br>(517)                  | 11.3<br>8.3 - 14.3 | 84<br>(518)   | 16.0<br>12.8 - 19.2 | 183<br>(516)                               | 35.1<br>31.3 - 38.9 |
|                     | Female      | 100<br>(503)                                   | 19.9<br>15.0 - 24.9 | 26<br>(511)                  | 5.0<br>3.1 - 6.9   | 59<br>(514)   | 11.5<br>7.9 - 15.1  | 164<br>(514)                               | 31.9<br>27.5 - 36.3 |
| <b>By age</b>       | 13 or less  | 31<br>(71)                                     | 43.6<br>30.6 - 56.5 | 8<br>(72)                    | 0%                 | 14<br>(72)  | 18.9<br>9.8 - 27.9  | 29<br>(71)                                 | 39.7<br>28.7 - 50.8 |
|                     | 14          | 55<br>(173)                                    | 31.8<br>25.4 - 38.1 | 18<br>(174)                  | 10.4<br>5.5 - 15.2 | 24<br>(173)   | 13.8<br>8.4 - 19.3  | 56<br>(174)                                | 32.5<br>26.5 - 38.5 |
|                     | 15          | 49<br>(209)                                    | 23.4<br>17.1 - 29.7 | 20<br>(214)                  | 9.3<br>4.7 - 13.8  | 40<br>(216)   | 18.5<br>13.2 - 23.8 | 76<br>(215)                                | 35.4<br>28.8 - 42.0 |
|                     | 16          | 59<br>(287)                                    | 20.6<br>14.1 - 27.1 | 21<br>(291)                  | 7.2<br>4.4 - 10.0  | 38<br>(293)   | 12.9<br>9.2 - 16.7  | 95<br>(293)                                | 32.1<br>26.5 - 37.7 |
|                     | 17 or older | 23<br>(271)                                    | 8.5<br>4.5 - 12.6   | 19<br>(277)                  | 6.7<br>3.6 - 9.8   | 27<br>(278)   | 9.7<br>6.4 - 13.0   | 91<br>(277)                                | 32.6<br>26.8 - 38.5 |
| <b>By NZDep2006</b> | Low         | 052<br>(303)                                   | 17.2<br>11.6 - 22.8 | 18<br>(309)                  | 5.7<br>2.8 - 8.6   | 29<br>(311)   | 9.3<br>6.3 - 12.3   | 99<br>(310)                                | 31.9<br>27.3 - 36.6 |
|                     | Medium      | 73<br>(386)                                    | 18.9<br>14.2 - 23.5 | 31<br>(390)                  | 7.9<br>5.1 - 10.8  | 44<br>(390)   | 11.2<br>8.1 - 14.3  | 115<br>(390)                               | 29.5<br>25.4 - 33.5 |
|                     | High        | 91<br>(314)                                    | 29.1<br>23.4 - 34.7 | 37<br>(320)                  | 11.5<br>7.7 - 15.3 | 68<br>(322)   | 21.1<br>15.8 - 26.5 | 132<br>(323)                               | 40.4<br>34.5 - 46.3 |
| <b>By geography</b> | Urban       | 185<br>(831)                                   | 22.2<br>17.9 - 26.5 | 69<br>(843)                  | 8.2<br>6.1 - 10.4  | 116<br>(846)  | 13.6<br>10.8 - 16.5 | 290<br>(847)                               | 34.1<br>30.7 - 37.4 |
|                     | Rural       | 31<br>(172)                                    | 18.0<br>12.3 - 23.6 | 17<br>(176)                  | 8.9<br>3.9 - 13.9  | 25<br>(177)   | 14.1<br>8.9 - 19.2  | 56<br>(176)                                | 31.4<br>25.3 - 37.5 |

### Notes:

1. Among current marijuana users (i.e. students who have ever smoked marijuana and did not report that they no longer smoke it).
2. Some or a lot.

## Other Drugs

### Frequency of other drug use

|  | Ever used   |                  | Used once   |                  | Used 2-3 times |                  | Used 4 or more times |                  |
|--|-------------|------------------|-------------|------------------|----------------|------------------|----------------------|------------------|
|  | n (N)       | % 95% CI         | n (N)       | % 95% CI         | n (N)          | % 95% CI         | n (N)                | % 95% CI         |
| Inhaled glue/gas or paint to get high                    | 100 (8,121) | 1.2<br>1.0 - 1.5 | 58 (8,121)  | 0.7<br>0.5 - 0.9 | 16 (8,121)     | 0.2<br>0.1 - 0.3 | 26 (8,121)           | 0.3<br>0.2 - 0.4 |
| Inhaled nitrous gas or laughing gas to get high          | 108 (8,121) | 1.3<br>1.0 - 1.6 | 60 (8,121)  | 0.7<br>0.5 - 0.9 | 22 (8,121)     | 0.3<br>0.2 - 0.4 | 26 (8,121)           | 0.3<br>0.2 - 0.4 |
| Party pills and smokable products <sup>1</sup>           | 309 (8,121) | 3.8<br>3.3 - 4.4 | 120 (8,121) | 1.5<br>1.2 - 1.8 | 109 (8,121)    | 1.4<br>1.1 - 1.6 | 80 (8,121)           | 1.0<br>0.7 - 1.3 |
| Acid, LSD, mushrooms                                     | 137 (8,121) | 1.7<br>1.3 - 2.1 | 75 (8,121)  | 0.9<br>0.7 - 1.1 | 32 (8,121)     | 0.4<br>0.2 - 0.6 | 30 (8,121)           | 0.4<br>0.2 - 0.6 |
| Morphine, heroin, smack, etc.                            | 49 (8,121)  | 0.6<br>0.4 - 0.8 | 28 (8,121)  | 0.3<br>0.2 - 0.5 | 6 (8,121)      | 0.1<br>0.0 - 0.2 | 15 (8,121)           | 0.2<br>0.1 - 0.3 |
| 'P' or pure methamphetamine                              | 45 (8,121)  | 0.6<br>0.4 - 0.7 | 23 (8,121)  | 0.3<br>0.2 - 0.4 | 6 (8,121)      | 0.1<br>0.0 - 0.2 | 16 (8,121)           | 0.2<br>0.1 - 0.3 |
| Speed, uppers, etc.                                      | 93 (8,121)  | 1.1<br>0.9 - 1.4 | 57 (8,121)  | 0.7<br>0.5 - 0.9 | 15 (8,121)     | 0.2<br>0.1 - 0.3 | 21 (8,121)           | 0.3<br>0.1 - 0.4 |
| Ecstasy or 'E'   | 245 (8,121) | 3.1<br>2.5 - 3.7 | 123 (8,121) | 1.5<br>1.3 - 1.8 | 67 (8,121)     | 0.8<br>0.6 - 1.1 | 55 (8,121)           | 0.7<br>0.4 - 1.0 |
| Cocaine, including powder, crack or freebase, etc.       | 64 (8,121)  | 0.8<br>0.6 - 1.0 | 34 (8,121)  | 0.4<br>0.3 - 0.6 | 9 (8,121)      | 0.1<br>0.0 - 0.2 | 21 (8,121)           | 0.3<br>0.1 - 0.4 |
| Steroid pills or shots (without a doctor's prescription) | 38 (8,121)  | 0.5<br>0.3 - 0.6 | 15 (8,121)  | 0.2<br>0.1 - 0.3 | 10 (8,121)     | 0.1<br>0.0 - 0.2 | 13 (8,121)           | 0.2<br>0.1 - 0.2 |
| Used a needle to inject illegal drugs into your body     | 33 (8,121)  | 0.4<br>0.3 - 0.5 | 17 (8,121)  | 0.2<br>0.1 - 0.3 | 6 (8,121)      | 0.1<br>0.0 - 0.1 | 10 (8,121)           | 0.1<br>0.0 - 0.2 |

Note:

1. For example, dance pills or herbal highs – not including tobacco or cigarettes.

# Substance Use Comparisons 2001 - 2012

## Cigarette smoking

| Ever smoked a whole cigarette             |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>                              |        | 4,653<br>(8,749) | 52.6<br>50.1 - 55.2 | 2,637<br>(8,281) | 31.8<br>29.8 - 33.7 | 1,914<br>(8,203) | 23.3<br>21.6 - 25.0 |
| <b>By sex</b>                             | Male   | 2,003<br>(3,938) | 50.3<br>47.3 - 53.3 | 1,291<br>(4,378) | 29.5<br>27.8 - 31.2 | 822<br>(3,691)   | 22.1<br>20.1 - 24.2 |
|   | Female | 2,650<br>(4,811) | 54.6<br>51.9 - 57.3 | 1,346<br>(3,903) | 34.3<br>31.3 - 37.4 | 1,091<br>(4,510) | 24.2<br>21.9 - 26.5 |
| <b>Weekly or more often cigarette use</b> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>                              |        | 1,379<br>(8,730) | 15.5<br>14.1 - 16.9 | 647<br>(8,301)   | 7.8<br>6.9 - 8.6    | 371<br>(8,191)   | 4.5<br>3.8 - 5.2    |
| <b>By sex</b>                             | Male   | 516<br>(3,926)   | 12.9<br>11.4 - 14.5 | 273<br>(4,392)   | 6.2<br>5.4 - 7.1    | 167<br>(3,686)   | 4.5<br>3.7 - 5.2    |
|   | Female | 863<br>(4,804)   | 17.7<br>15.9 - 19.5 | 374<br>(3,909)   | 9.5<br>8.0 - 10.9   | 203<br>(4,503)   | 4.5<br>3.5 - 5.4    |

## Alcohol use

| Drink alcohol at least once a week                    |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 1,488<br>(8,715) | 16.9<br>15.5 - 18.3 | 1,477<br>(8,294) | 17.8<br>16.4 - 19.3 | 681<br>(8,175)   | 8.3<br>7.3 - 9.4    |
| <b>By sex</b>   | Male   | 765<br>(3,927)   | 19.3<br>17.4 - 21.1 | 852<br>(4,409)   | 19.4<br>17.8 - 21.1 | 358<br>(3,681)   | 9.7<br>8.1 - 11.3   |
|   | Female | 723<br>(4,788)   | 15.0<br>13.4 - 16.6 | 625<br>(3,885)   | 16.1<br>14.3 - 17.8 | 322<br>(4,492)   | 7.2<br>6.2 - 8.2    |
| <b>Binge drinking in the last 4 weeks<sup>1</sup></b> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 3,453<br>(8,524) | 40.1<br>37.3 - 42.9 | 2,829<br>(8,247) | 34.4<br>31.7 - 37.0 | 1,843<br>(8,157) | 22.6<br>20.4 - 24.7 |
| <b>By sex</b>   | Male   | 1,622<br>(3,840) | 41.7<br>38.4 - 45.0 | 1,566<br>(4,390) | 35.8<br>33.0 - 38.6 | 846<br>(3,672)   | 23.0<br>19.9 - 26.0 |
|   | Female | 1,831<br>(4,684) | 38.8<br>35.9 - 41.6 | 1,263<br>(3,857) | 32.7<br>29.4 - 36.0 | 995<br>(4,483)   | 22.2<br>20.2 - 24.3 |

Note:

1. Five or more alcoholic drinks in one session (within 4 hours).

## Marijuana use

| Ever smoked marijuana              |        | 2001             |                     | 2007             |                     | 2012             |                     |
|------------------------------------|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|                                    |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total                              |        | 3,244<br>(8,432) | 38.2<br>35.7 - 40.7 | 2,131<br>(7,905) | 27.0<br>24.9 - 29.1 | 1,867<br>(8,117) | 23.0<br>21.3 - 24.7 |
| By sex                             | Male   | 1,472<br>(3,789) | 38.5<br>35.6 - 41.3 | 1,129<br>(4,165) | 27.2<br>25.1 - 29.3 | 886<br>(3,648)   | 24.2<br>22.1 - 26.4 |
|                                    | Female | 1,772<br>(4,643) | 38.0<br>35.2 - 40.7 | 1,002<br>(3,740) | 26.8<br>23.9 - 29.6 | 980<br>(4,467)   | 22.0<br>19.9 - 24.0 |
| Weekly or more often marijuana use |        | 2001             |                     | 2007             |                     | 2012             |                     |
|                                    |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total                              |        | 558<br>(8,407)   | 6.7<br>5.8 - 7.6    | 374<br>(7,911)   | 4.7<br>4.0 - 5.4    | 260<br>(8,109)   | 3.2<br>2.6 - 3.8    |
| By sex                             | Male   | 297<br>(3,776)   | 7.9<br>6.6 - 9.2    | 249<br>(4,179)   | 6.0<br>5.1 - 6.9    | 166<br>(3,644)   | 4.6<br>3.7 - 5.4    |
|                                    | Female | 261<br>(4,631)   | 5.7<br>4.6 - 6.8    | 125<br>(3,732)   | 3.3<br>2.6 - 4.1    | 93<br>(4,463)    | 2.0<br>1.5 - 2.6    |

# Gambling

This section reports on students' behaviour in relation to gambling and type of gambling, including frequency and time spent on gambling and reasons for gambling.

## Gambling

### Gambling<sup>1</sup> patterns

|                     |            | Students who have gambled in the last 12 months |                     | Students who have gambled in the last 4 weeks |                     | Students who usually spend \$20 or more per week on gambling <sup>2</sup> |                  | Students who usually gamble for 30 or more minutes each day <sup>2</sup> |                  |
|---------------------|------------|---|---------------------|---|---------------------|---|------------------|--|------------------|
|                     |            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI         | n (N)  | % 95% CI         |
| <b>Total</b>        |            | 1,890<br>(7,813)                                | 24.2<br>23.1 - 25.3 | 804<br>(7,813)                                | 10.3<br>9.4 - 11.3  | 67<br>(1,882)   | 3.6<br>2.7 - 4.4 | 44<br>(1,878)  | 2.3<br>1.5 - 3.0 |
| <b>By sex</b>       | Male       | 911<br>(3,456)                                  | 26.4<br>24.7 - 28.1 | 440<br>(3,456)                                | 12.8<br>11.7 - 13.8 | 47<br>(905)   | 5.2<br>3.7 - 6.6 | 25<br>(903)  | 2.7<br>1.4 - 3.9 |
|                     | Female     | 978<br>(4,355)                                  | 22.5<br>21.4 - 23.6 | 363<br>(4,355)                                | 8.4<br>7.4 - 9.3    | 20<br>(976)   | 2.1<br>1.2 - 2.9 | 19<br>(974)  | 2.0<br>0.9 - 3.0 |
| <b>By age</b>       | 13 or less | 408<br>(1,679)                                  | 24.3<br>22.0 - 26.6 | 191<br>(1,679)                                | 11.4<br>9.7 - 13.1  | 8<br>(405)  | 2.1<br>0.6 - 3.5 | 2<br>(403)   | 0.5<br>0.0 - 1.2 |
|                     | 14         | 405<br>(1,760)                                  | 23.2<br>21.2 - 25.1 | 169<br>(1,760)                                | 9.7<br>8.2 - 11.2   | 13<br>(403)   | 3.1<br>1.6 - 4.6 | 9<br>(403)   | 2.1<br>0.8 - 3.4 |
|                     | 15         | 376<br>(1,594)                                  | 23.6<br>21.9 - 25.3 | 169<br>(1,594)                                | 10.6<br>9.1 - 12.2  | 16<br>(375)   | 4.3<br>2.2 - 6.4 | 16<br>(374)  | 4.3<br>1.8 - 6.8 |
|                     | 16         | 356<br>(1,444)                                  | 24.7<br>22.0 - 27.4 | 144<br>(1,444)                                | 9.9<br>8.1 - 11.7   | 16<br>(356)   | 4.5<br>2.5 - 6.5 | 8<br>(355)   | 2.1<br>0.8 - 3.4 |
|                     | 17 or more | 341<br>(1,326)                                  | 25.7<br>23.5 - 27.9 | 129<br>(1,326)                                | 9.7<br>8.1 - 11.4   | 13<br>(339)   | 3.9<br>1.7 - 6.0 | 9<br>(339)   | 2.7<br>0.9 - 4.5 |
| <b>By NZDep2006</b> | Low        | 639<br>(2,598)                                  | 24.7<br>22.6 - 26.7 | 239<br>(2,598)                                | 9.3<br>7.8 - 10.7   | 15<br>(635)   | 2.4<br>1.1 - 3.6 | 10<br>(636)  | 1.6<br>0.7 - 2.5 |
|                     | Medium     | 667<br>(2,809)                                  | 23.8<br>22.1 - 25.4 | 272<br>(2,809)                                | 9.7<br>8.5 - 10.9   | 25<br>(665)   | 3.7<br>2.1 - 5.3 | 17<br>(663)  | 2.4<br>1.3 - 3.6 |
|                     | High       | 565<br>(2,327)                                  | 24.4<br>22.5 - 26.3 | 286<br>(2,327)                                | 12.4<br>10.5 - 14.2 | 26<br>(564)   | 4.7<br>3.3 - 6.1 | 17<br>(561)  | 3.1<br>1.6 - 4.6 |
| <b>By geography</b> | Urban      | 1,580<br>(6,563)                                | 24.1<br>23.0 - 25.3 | 693<br>(6,563)                                | 10.6<br>9.6 - 11.6  | 59<br>(1,574)   | 3.8<br>2.8 - 4.7 | 41<br>(1,570)  | 2.6<br>1.7 - 3.4 |
|                     | Rural      | 291<br>(1,171)                                  | 24.8<br>22.2 - 27.5 | 104<br>(1,171)                                | 8.9<br>7.3 - 10.5   | 7<br>(290)  | 2.2<br>0.6 - 3.9 | 3<br>(290)   | 0.8<br>0.0 - 1.8 |

#### Notes:

1. Ever gambled or bet precious things for money on things like Lotto, Instant Kiwi, Pokies etc. or bet money with friends or family.
2. Among students who gambled in the last 12 months.

**Types of gambling in the last year<sup>1</sup> (table 1 of 2)**

|                     | Instant Kiwi (scratchies) |                    | Lotto <sup>2</sup> |                  | Bingo or Housie |                  | Pub or club (pokies) |                  | Casino (e.g. roulette, pokies) |                  | TAB betting (e.g. on track or racing sports) |                  |
|---------------------|---------------------------|--------------------|--------------------|------------------|-----------------|------------------|----------------------|------------------|--------------------------------|------------------|--|------------------|
|                     | n (N)                     | % 95% CI           | n (N)              | % 95% CI         | n (N)           | % 95% CI         | n (N)                | % 95% CI         | n (N)                          | % 95% CI         | n (N)  | % 95% CI         |
| <b>Total</b>        | 669 (7,813)               | 8.6<br>7.9 - 9.2   | 283 (7,813)        | 3.6<br>3.1 - 4.1 | 168 (7,813)     | 2.1<br>1.6 - 2.7 | 100 (7,813)          | 1.3<br>1.0 - 1.6 | 68 (7,813)                     | 0.9<br>0.6 - 1.2 | 170 (7,813)                                  | 2.2<br>1.8 - 2.5 |
| <b>By sex</b>       |                           |                    |                    |                  |                 |                  |                      |                  |                                |                  |  |                  |
| Male                | 285 (3,456)               | 8.2<br>7.2 - 9.2   | 138 (3,456)        | 4.0<br>3.2 - 4.7 | 79 (3,456)      | 2.3<br>1.6 - 2.9 | 60 (3,456)           | 1.7<br>1.2 - 2.2 | 46 (3,456)                     | 1.3<br>0.8 - 1.8 | 88 (3,456)                                   | 2.5<br>1.9 - 3.1 |
| Female              | 384 (4,355)               | 8.8<br>7.9 - 9.7   | 145 (4,355)        | 3.3<br>2.8 - 3.8 | 89 (4,355)      | 2.1<br>1.4 - 2.7 | 39 (4,355)           | 0.9<br>0.6 - 1.2 | 22 (4,355)                     | 0.5<br>0.3 - 0.7 | 82 (4,355)                                   | 1.9<br>1.3 - 2.4 |
| <b>By age</b>       |                           |                    |                    |                  |                 |                  |                      |                  |                                |                  |  |                  |
| 13 or less          | 145 (1,679)               | 8.7<br>7.3 - 10.0  | 47 (1,679)         | 2.7<br>1.7 - 3.7 | 54 (1,679)      | 3.2<br>2.2 - 4.3 | 17 (1,679)           | 1.0<br>0.5 - 1.5 | 20 (1,679)                     | 1.2<br>0.6 - 1.8 | 34 (1,679)                                   | 2.0<br>1.4 - 2.6 |
| 14                  | 132 (1,760)               | 7.5<br>6.1 - 8.8   | 62 (1,760)         | 3.5<br>2.6 - 4.5 | 37 (1,760)      | 2.1<br>1.3 - 2.8 | 22 (1,760)           | 1.2<br>0.7 - 1.8 | 14 (1,760)                     | 0.8<br>0.3 - 1.3 | 33 (1,760)                                   | 1.8<br>1.1 - 2.5 |
| 15                  | 133 (1,594)               | 8.3<br>6.9 - 9.7   | 55 (1,594)         | 3.4<br>2.6 - 4.2 | 34 (1,594)      | 2.1<br>1.3 - 3.0 | 17 (1,594)           | 1.1<br>0.6 - 1.6 | 14 (1,594)                     | 0.9<br>0.4 - 1.3 | 28 (1,594)                                   | 1.8<br>1.2 - 2.3 |
| 16                  | 119 (1,444)               | 8.2<br>6.7 - 9.8   | 46 (1,444)         | 3.2<br>2.2 - 4.2 | 23 (1,444)      | 1.6<br>0.8 - 2.3 | 17 (1,444)           | 1.2<br>0.5 - 1.8 | 9 (1,444)                      | 0.6<br>0.2 - 1.0 | 43 (1,444)                                   | 2.9<br>1.9 - 4.0 |
| 17 or older         | 139 (1,326)               | 10.5<br>8.7 - 12.2 | 73 (1,326)         | 5.5<br>4.2 - 6.7 | 19 (1,326)      | 1.4<br>0.8 - 2.1 | 27 (1,326)           | 2.0<br>1.2 - 2.9 | 11 (1,326)                     | 0.8<br>0.2 - 1.4 | 32 (1,326)                                   | 2.4<br>1.6 - 3.2 |
| <b>By NZDep2006</b> |                           |                    |                    |                  |                 |                  |                      |                  |                                |                  |  |                  |
| Low                 | 258 (2,598)               | 10.0<br>8.8 - 11.2 | 81 (2,598)         | 3.1<br>2.5 - 3.8 | 37 (2,598)      | 1.4<br>0.8 - 2.0 | 35 (2,598)           | 1.3<br>0.9 - 1.8 | 18 (2,598)                     | 0.7<br>0.3 - 1.1 | 57 (2,598)                                   | 2.2<br>1.6 - 2.8 |
| Medium              | 231 (2,809)               | 8.2<br>7.2 - 9.2   | 87 (2,809)         | 3.0<br>2.5 - 3.6 | 41 (2,809)      | 1.4<br>1.0 - 1.9 | 23 (2,809)           | 0.8<br>0.5 - 1.1 | 20 (2,809)                     | 0.7<br>0.4 - 1.0 | 56 (2,809)                                   | 2.0<br>1.4 - 2.5 |
| High                | 174 (2,327)               | 7.5<br>6.3 - 8.6   | 111 (2,327)        | 4.7<br>3.7 - 5.8 | 87 (2,327)      | 3.8<br>2.6 - 4.9 | 38 (2,327)           | 1.6<br>1.1 - 2.1 | 27 (2,327)                     | 1.2<br>0.6 - 1.8 | 53 (2,327)                                   | 2.3<br>1.6 - 2.9 |
| <b>By geography</b> |                           |                    |                    |                  |                 |                  |                      |                  |                                |                  |  |                  |
| Urban               | 550 (6,563)               | 8.4<br>7.7 - 9.1   | 243 (6,563)        | 3.7<br>3.2 - 4.2 | 152 (6,563)     | 2.3<br>1.7 - 2.9 | 80 (6,563)           | 1.2<br>0.9 - 1.5 | 57 (6,563)                     | 0.9<br>0.5 - 1.2 | 135 (6,563)                                  | 2.1<br>1.7 - 2.4 |
| Rural               | 113 (1,171)               | 9.5<br>8.0 - 11.1  | 36 (1,171)         | 3.0<br>1.9 - 4.0 | 13 (1,171)      | 1.0<br>0.4 - 1.6 | 16 (1,171)           | 1.3<br>0.6 - 2.0 | 8 (1,171)                      | 0.6<br>0.2 - 1.1 | 31 (1,171)                                   | 2.5<br>1.5 - 3.6 |

Continued...

- Notes:
1. Students could choose more than one response option.
  2. Including Strike, Powerball and Big Wednesday.

**Types of gambling in the last year<sup>1</sup> (table 2 of 2)**

|                     | Games and gambling on a cell/mobile phone for money or prizes |                  | Gambling on the internet for money or prizes (e.g. internet casinos or poker) |                  | Bets with friends or family |                     | 0900 phone games    |                  | Cards or coin games (e.g. poker) |                  |                  |
|---------------------|---|------------------|---|------------------|-----------------------------|---------------------|---------------------|------------------|----------------------------------|------------------|------------------|
|                     | n (N)   | % 95% CI         | n (N)   | % 95% CI         | n (N)                       | % 95% CI            | n (N)               | % 95% CI         | n (N)                            | % 95% CI         |                  |
| <b>Total</b>        | 120 (7,813)   | 1.5<br>1.2 - 1.9 | 108 (7,813)   | 1.4<br>1.0 - 1.7 | 1,301 (7,813)               | 16.7<br>15.6 - 17.7 | 69 (7,813)          | 0.9<br>0.6 - 1.2 | 446 (7,813)                      | 5.7<br>5.0 - 6.4 |                  |
| <b>By sex</b>       | Male  | 77 (3,456)       | 2.2<br>1.6 - 2.8  | 78 (3,456)       | 2.2<br>1.7 - 2.8            | 643 (3,456)         | 18.6<br>17.0 - 20.2 | 44 (3,456)       | 1.3<br>0.8 - 1.7                 | 281 (3,456)      | 8.1<br>7.1 - 9.2 |
|                     | Female  | 43 (4,355)       | 1.0<br>0.7 - 1.3  | 30 (4,355)       | 0.7<br>0.4 - 1.0            | 657 (4,355)         | 15.1<br>14.1 - 16.2 | 25 (4,355)       | 0.6<br>0.3 - 0.8                 | 165 (4,355)      | 3.8<br>3.2 - 4.4 |
| <b>By age</b>       | 13 or less  | 23 (1,679)       | 1.4<br>0.7 - 2.0  | 23 (1,679)       | 1.4<br>0.8 - 2.0            | 286 (1,679)         | 17.0<br>15.0 - 19.0 | 19 (1,679)       | 1.1<br>0.6 - 1.7                 | 76 (1,679)       | 4.6<br>3.5 - 5.7 |
|                     | 14  | 33 (1,760)       | 1.9<br>1.2 - 2.6  | 22 (1,760)       | 1.2<br>0.6 - 1.9            | 281 (1,760)         | 16.1<br>14.4 - 17.8 | 21 (1,760)       | 1.2<br>0.7 - 1.7                 | 93 (1,760)       | 5.3<br>4.5 - 6.1 |
|                     | 15  | 26 (1,594)       | 1.6<br>1.0 - 2.3  | 26 (1,594)       | 1.7<br>1.1 - 2.2            | 259 (1,594)         | 16.3<br>14.5 - 18.1 | 11 (1,594)       | 0.7<br>0.3 - 1.1                 | 89 (1,594)       | 5.6<br>4.3 - 6.9 |
|                     | 16  | 17 (1,444)       | 1.2<br>0.5 - 1.8  | 19 (1,444)       | 1.3<br>0.7 - 1.9            | 271 (1,444)         | 18.7<br>16.2 - 21.3 | 10 (1,444)       | 0.7<br>0.2 - 1.2                 | 106 (1,444)      | 7.3<br>5.7 - 8.9 |
| 17 or older         | 20 (1,326)  | 1.5<br>0.7 - 2.3 | 18 (1,326)  | 1.4<br>0.6 - 2.2 | 201 (1,326)                 | 15.1<br>13.2 - 17.1 | 8 (1,326)           | 0.6<br>0.2 - 1.0 | 80 (1,326)                       | 6.0<br>4.7 - 7.4 |                  |
| <b>By NZDep2006</b> | Low   | 26 (2,598)       | 1.0<br>0.6 - 1.4  | 28 (2,598)       | 1.1<br>0.7 - 1.5            | 427 (2,598)         | 16.4<br>14.8 - 18.1 | 14 (2,598)       | 0.5<br>0.2 - 0.9                 | 122 (2,598)      | 4.7<br>3.8 - 5.6 |
|                     | Medium  | 40 (2,809)       | 1.4<br>1.0 - 1.8  | 30 (2,809)       | 1.1<br>0.7 - 1.5            | 485 (2,809)         | 17.3<br>15.8 - 18.8 | 19 (2,809)       | 0.7<br>0.4 - 0.9                 | 155 (2,809)      | 5.5<br>4.6 - 6.5 |
|                     | High  | 49 (2,327)       | 2.1<br>1.5 - 2.7  | 46 (2,327)       | 2.0<br>1.3 - 2.7            | 376 (2,327)         | 16.3<br>14.4 - 18.2 | 34 (2,327)       | 1.5<br>0.9 - 2.1                 | 161 (2,327)      | 7.0<br>5.8 - 8.2 |
| <b>By geography</b> | Urban   | 99 (6,563)       | 1.5<br>1.1 - 1.9  | 91 (6,563)       | 1.4<br>1.0 - 1.7            | 1,085 (6,563)       | 16.6<br>15.5 - 17.6 | 61 (6,563)       | 0.9<br>0.6 - 1.2                 | 383 (6,563)      | 5.9<br>5.1 - 6.6 |
|                     | Rural   | 16 (1,171)       | 1.3<br>0.6 - 2.0  | 13 (1,171)       | 1.1<br>0.5 - 1.8            | 203 (1,171)         | 17.4<br>14.8 - 19.9 | 6 (1,171)        | 0.5<br>0.1 - 0.9                 | 55 (1,171)       | 4.7<br>3.4 - 5.9 |

Note:

1. Students could choose more than one response option.

## Gambling Comparisons 2007 - 2012

| Gambled in the last 12 months <sup>1</sup> |        | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|
|  |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| Total                                      |        | 2,234<br>(8,391) | 26.7<br>25.4 - 28.1 | 1,890<br>(7,813) | 24.2<br>23.1 - 25.3 |
| By sex                                     | Male   | 1,395<br>(4,480) | 31.3<br>29.4 - 33.1 | 911<br>(3,456)   | 26.4<br>24.7 - 28.1 |
|  | Female | 839<br>(3,911)   | 21.5<br>19.9 - 23.1 | 978<br>(4,355)   | 22.5<br>21.4 - 23.6 |

Note:

- Gambling questions were not asked in 2001. The question about gambling in the last 12 months differed between 2007 and 2012. In 2007 students were asked 'In the last year have you ever gambled or bet money on things like Lotto, Instant Kiwi, Pokies etc., or bet money with friends?'. In 2012 students were asked 'Have you ever gambled or bet precious things for money on any of these activities? Instant Kiwi, Lotto (including Strike, Powerball and Big Wednesday), bingo or housie, pub or club (pokies), a casino (e.g. roulette, pokies), TAB betting (e.g. on track racing or sports), games and gambling on a cell/mobile phone for money or prizes (e.g. txt games), gambling on the internet for money or prizes (e.g. internet casinos or poker), bets with friends or family, 0900 phone games, or cards or coin games (e.g. poker).'



# Sexual Health

This section reports on students' sexual health and behaviours.

Before answering the questions in this section, students were reminded that their answers were confidential and were asked if they wanted to answer questions about their sexual health. Students who said 'No' went straight to the next section, while those who agreed were asked questions about whether they had been sexually active, the context of their sexual activity, the use of contraception and condoms, pregnancy sexual orientation and sexual abuse.

## Sexual Attraction and Gender Identity

### Sexual attraction<sup>1</sup>

|                     |            | Exclusively opposite sex |                     | Same or both sex attracted |                  | Not sure or neither |                  |
|---------------------|------------|--------------------------|---------------------|----------------------------|------------------|---------------------|------------------|
|                     |            | n (N)                    | % 95% CI            | n (N)                      | % 95% CI         | n (N)               | % 95% CI         |
| <b>Total</b>        |            | 7,336<br>(7,989)         | 91.9<br>90.9 - 92.9 | 303<br>(7,989)             | 3.8<br>3.3 - 4.2 | 350<br>(7,989)      | 4.3<br>3.6 - 5.1 |
| <b>By sex</b>       | Male       | 3,357<br>(3,603)         | 93.2<br>92.0 - 94.5 | 106<br>(3,603)             | 2.9<br>2.3 - 3.5 | 140<br>(3,603)      | 3.9<br>2.9 - 4.8 |
|                     | Female     | 3,978<br>(4,384)         | 90.8<br>89.7 - 92.0 | 196<br>(4,384)             | 4.5<br>3.8 - 5.1 | 210<br>(4,384)      | 4.7<br>3.9 - 5.6 |
| <b>By age</b>       | 13 or less | 1,526<br>(1,690)         | 90.5<br>88.5 - 92.5 | 34<br>(1,690)              | 2.0<br>1.2 - 2.8 | 130<br>(1,690)      | 7.5<br>5.9 - 9.1 |
|                     | 14         | 1,663<br>(1,787)         | 93.1<br>91.9 - 94.3 | 47<br>(1,787)              | 2.6<br>1.9 - 3.3 | 77<br>(1,787)       | 4.3<br>3.2 - 5.5 |
|                     | 15         | 1,528<br>(1,654)         | 92.4<br>90.7 - 94.1 | 61<br>(1,654)              | 3.7<br>2.6 - 4.8 | 65<br>(1,654)       | 3.9<br>2.8 - 5.0 |
|                     | 16         | 1,376<br>(1,504)         | 91.5<br>89.9 - 93.1 | 90<br>(1,504)              | 6.0<br>4.7 - 7.3 | 38<br>(1,504)       | 2.5<br>1.6 - 3.5 |
|                     | 17 or more | 1,235<br>(1,345)         | 91.9<br>90.5 - 93.3 | 70<br>(1,345)              | 5.2<br>4.2 - 6.2 | 40<br>(1,345)       | 2.9<br>1.9 - 4.0 |
| <b>By NZDep2006</b> | Low        | 2,466<br>(2,647)         | 93.2<br>92.2 - 94.2 | 105<br>(2,647)             | 3.9<br>3.3 - 4.6 | 76<br>(2,647)       | 2.9<br>2.2 - 3.5 |
|                     | Medium     | 2,682<br>(2,868)         | 93.6<br>92.6 - 94.6 | 86<br>(2,868)              | 3.0<br>2.4 - 3.6 | 100<br>(2,868)      | 3.4<br>2.8 - 4.1 |
|                     | High       | 2,114<br>(2,391)         | 88.5<br>86.3 - 90.7 | 107<br>(2,391)             | 4.5<br>3.2 - 5.7 | 170<br>(2,391)      | 7.0<br>5.3 - 8.8 |
| <b>By geography</b> | Urban      | 6,123<br>(6,682)         | 91.7<br>90.6 - 92.8 | 249<br>(6,682)             | 3.7<br>3.2 - 4.2 | 310<br>(6,682)      | 4.6<br>3.7 - 5.5 |
|                     | Rural      | 1,139<br>(1,224)         | 93.3<br>91.9 - 94.6 | 49<br>(1,224)              | 3.9<br>2.9 - 4.9 | 36<br>(1,224)       | 2.8<br>1.7 - 3.9 |

Note:

1. Excludes students who responded, 'I do not understand this question.'

## Gender identity<sup>1,2</sup>

|                     |              | Transgender  |                | Non-transgender |                   | Not sure      |                |
|---------------------|--------------|--------------|----------------|-----------------|-------------------|---------------|----------------|
|                     |              | n<br>(N)     | %<br>95% CI    | n<br>(N)        | %<br>95% CI       | n<br>(N)      | %<br>95% CI    |
| <b>Total</b>        |              | 96<br>(8029) | 1.2<br>0.9-1.4 | 7731<br>(8029)  | 96.3<br>95.8-96.8 | 202<br>(8029) | 2.5<br>2.1-2.9 |
| <b>By sex</b>       | Male         | 44<br>(3594) | 1.2<br>0.8-1.6 | 3468<br>(3594)  | 96.5<br>95.8-97.2 | 82<br>(3594)  | 2.3<br>1.8-2.8 |
|                     | Female       | 52<br>(4433) | 1.2<br>0.8-1.5 | 4261<br>(4433)  | 96.1<br>95.5-96.8 | 120<br>(4433) | 2.7<br>2.2-3.2 |
| <b>By age</b>       | 13 or less   | 21<br>(1714) | 1.2<br>0.7-1.8 | 1645<br>(1714)  | 96.0<br>95.0-97.0 | 48<br>(1714)  | 2.8<br>2.0-3.6 |
|                     | 14           | 21<br>(1796) | 1.2<br>0.7-1.6 | 1729<br>(1796)  | 96.3<br>95.5-97.1 | 46<br>(1796)  | 2.5<br>1.9-3.2 |
|                     | 15           | 16<br>(1658) | 1.0<br>0.5-1.4 | 1603<br>(1658)  | 96.7<br>95.7-97.7 | 39<br>(1658)  | 2.4<br>1.5-3.3 |
|                     | 16           | 19<br>(1505) | 1.3<br>0.7-1.8 | 1445<br>(1505)  | 96.0<br>94.9-97.0 | 41<br>(1505)  | 2.8<br>1.8-3.8 |
|                     | 17 or more   | 19<br>(1346) | 1.4<br>0.8-2.0 | 1300<br>(1346)  | 96.6<br>95.6-97.6 | 27<br>(1346)  | 2.0<br>1.3-2.7 |
| <b>By NZDep2006</b> | Low          | 27<br>(2642) | 1.0<br>0.6-1.4 | 2563<br>(2642)  | 97.0<br>96.3-97.7 | 52<br>(2642)  | 2.0<br>1.5-2.5 |
|                     | Medium       | 27<br>(2881) | 0.9<br>0.6-1.3 | 2788<br>(2881)  | 96.8<br>96.2-97.5 | 66<br>(2881)  | 2.2<br>1.8-2.7 |
|                     | High         | 40<br>(2420) | 1.7<br>1.1-2.2 | 2301<br>(2420)  | 95.1<br>94.1-96.0 | 79<br>(2420)  | 3.3<br>2.5-4.1 |
| <b>By geography</b> | Urban        | 82<br>(6729) | 1.2<br>0.9-1.5 | 6468<br>(6729)  | 96.1<br>95.5-96.7 | 179<br>(6729) | 2.7<br>2.2-3.1 |
|                     | <b>Total</b> | 12<br>(1214) | 0.9<br>0.4-1.4 | 1184<br>(1214)  | 97.7<br>97.0-98.3 | 18<br>(1214)  | 1.4<br>0.9-2.0 |

### Notes:

1. Students were asked, 'Do you think you are transgender? This is a girl who feels like she should have been a boy, or a boy who feels like he should have been a girl (e.g. Trans, Queen, Fa'afafine, Whakawahine, Tangata ira Tane, Genderqueer).'
2. Excludes students who responded, 'I do not understand this question.'

# Behaviours

## Sexual activity

|                     |             | Ever had sex <sup>1</sup> |                     | Currently sexually active <sup>2</sup> |                     |
|---------------------|-------------|---------------------------|---------------------|--|---------------------|
|                     |             | n<br>(N)                  | %<br>95% CI         | n<br>(N)                               | %<br>95% CI         |
| <b>Total</b>        |             | 2,013<br>(8,264)          | 24.4<br>22.5 - 26.2 | 1,550<br>(8,246)                       | 18.8<br>17.3 - 20.4 |
| <b>By sex</b>       | Male        | 927<br>(3,737)            | 24.9<br>22.4 - 27.3 | 680<br>(3,725)                         | 18.3<br>16.3 - 20.4 |
|                     | Female      | 1,084<br>(4,524)          | 24.0<br>21.9 - 26.0 | 869<br>(4,519)                         | 19.3<br>17.5 - 21.0 |
| <b>By age</b>       | 13 or less  | 140<br>(1,791)            | 7.8<br>6.1 - 9.5    | 100<br>(1,785)                         | 5.6<br>4.2 - 7.0    |
|                     | 14          | 265<br>(1,854)            | 14.2<br>12.2 - 16.2 | 176<br>(1,850)                         | 9.6<br>8.0 - 11.1   |
|                     | 15          | 411<br>(1,699)            | 24.3<br>21.1 - 27.4 | 318<br>(1,697)                         | 18.8<br>16.1 - 21.4 |
|                     | 16          | 563<br>(1,533)            | 36.7<br>33.4 - 40.0 | 454<br>(1,530)                         | 29.7<br>26.6 - 32.7 |
|                     | 17 or older | 630<br>(1,376)            | 45.9<br>42.3 - 49.5 | 499<br>(1,374)                         | 36.5<br>33.3 - 39.7 |
| <b>By NZDep2006</b> | Low         | 590<br>(2,680)            | 22.1<br>19.9 - 24.2 | 461<br>(2,677)                         | 17.3<br>15.4 - 19.2 |
|                     | Medium      | 696<br>(2,940)            | 23.7<br>21.5 - 26.0 | 529<br>(2,935)                         | 18.1<br>16.2 - 20.0 |
|                     | High        | 698<br>(2,550)            | 27.4<br>24.4 - 30.4 | 540<br>(2,540)                         | 21.3<br>18.9 - 23.7 |
| <b>By geography</b> | Urban       | 1,629<br>(6,927)          | 23.6<br>21.6 - 25.5 | 1,260<br>(6,911)                       | 18.3<br>16.6 - 19.9 |
|                     | Rural       | 355<br>(1,243)            | 28.6<br>25.0 - 32.1 | 270<br>(1,241)                         | 21.9<br>19.2 - 24.6 |

Notes:

1. Does not include sexual abuse.
2. Students who report having had sex in the last 3 months.

## Sexual health behaviours<sup>1</sup>

|                     |             | Ever talked with partner(s) about preventing pregnancy |                     | Ever talked with partner(s) about preventing sexually transmitted infections or HIV/AIDS |                     | Always uses contraception as protection against pregnancy |                     |
|---------------------|-------------|--|---------------------|--|---------------------|---|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 616<br>(1,544)   | 40.0<br>37.2 - 42.7 | 681<br>(1,540)   | 44.2<br>40.9 - 47.6 | 872<br>(1,499)  | 58.2<br>54.3 - 62.1 |
| <b>By sex</b>       | Male        | 227<br>(676)   | 33.7<br>30.1 - 37.3 | 279<br>(672)   | 41.6<br>37.3 - 45.9 | 361<br>(646)  | 56.0<br>51.4 - 60.5 |
|                     | Female      | 389<br>(867)   | 44.9<br>41.4 - 48.5 | 401<br>(867)   | 46.3<br>42.0 - 50.5 | 511<br>(852)  | 60.0<br>55.2 - 64.9 |
| <b>By age</b>       | 13 or less  | 23<br>(99)   | 23.8<br>15.3 - 32.3 | 36<br>(98)   | 36.9<br>27.9 - 45.8 | 44<br>(89)  | 48.6<br>40.2 - 57.0 |
|                     | 14          | 58<br>(176)  | 33.1<br>25.5 - 40.7 | 87<br>(175)  | 49.7<br>42.8 - 56.6 | 71<br>(166)   | 43.0<br>35.1 - 50.9 |
|                     | 15          | 113<br>(316)   | 35.8<br>30.2 - 41.4 | 138<br>(316)   | 43.9<br>38.4 - 49.4 | 170<br>(309)  | 55.2<br>48.7 - 61.7 |
|                     | 16          | 180<br>(452)   | 39.9<br>35.2 - 44.5 | 188<br>(451)   | 41.9<br>36.5 - 47.3 | 271<br>(446)  | 60.8<br>55.0 - 66.5 |
|                     | 17 or older | 242<br>(498)   | 48.5<br>44.5 - 52.6 | 232<br>(497)   | 46.4<br>41.1 - 51.6 | 314<br>(486)  | 64.7<br>59.5 - 69.8 |
| <b>By NZDep2006</b> | Low         | 194<br>(458)   | 42.5<br>37.6 - 47.4 | 173<br>(459)   | 37.5<br>32.7 - 42.3 | 294<br>(449)  | 65.4<br>61.2 - 69.7 |
|                     | Medium      | 232<br>(528)   | 43.8<br>39.4 - 48.2 | 240<br>(527)   | 45.7<br>41.8 - 49.6 | 336<br>(514)  | 65.5<br>60.6 - 70.4 |
|                     | High        | 184<br>(538)   | 34.4<br>30.5 - 38.3 | 260<br>(534)   | 48.9<br>43.4 - 54.3 | 235<br>(519)  | 45.3<br>40.0 - 50.5 |
| <b>By geography</b> | Urban       | 504<br>(1,255)   | 40.2<br>37.2 - 43.2 | 554<br>(1,250)   | 44.2<br>40.5 - 48.0 | 683<br>(1,218)  | 56.1<br>51.8 - 60.4 |
|                     | Rural       | 106<br>(269)   | 39.6<br>32.9 - 46.4 | 119<br>(270)   | 44.6<br>38.6 - 50.5 | 182<br>(264)  | 69.3<br>63.2 - 75.3 |

Note:

1. Among those who are currently sexually active (i.e. students who report having had sex in the last 3 months).

## Condom use<sup>1</sup>

|                     |             | Used a condom the last time they had sex as protection against sexually transmitted disease or infection |                     | Student (or partner) always uses a condom to prevent sexually transmitted disease or infection |                     |
|---------------------|-------------|--|---------------------|--|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 806<br>(1,519)   | 53.0<br>50.6 - 55.4 | 686<br>(1,509)   | 45.5<br>42.9 - 48.1 |
| <b>By sex</b>       | Male        | 388<br>(657)   | 59.1<br>55.4 - 62.7 | 339<br>(651)   | 52.1<br>48.4 - 55.7 |
|                     | Female      | 418<br>(861)   | 48.5<br>44.8 - 52.1 | 347<br>(857)   | 40.5<br>37.3 - 43.7 |
| <b>By age</b>       | 13 or less  | 50<br>(93)   | 53.6<br>44.0 - 63.2 | 47<br>(93)   | 50.9<br>40.2 - 61.5 |
|                     | 14          | 106<br>(169)   | 62.9<br>54.7 - 71.1 | 86<br>(169)  | 50.8<br>42.9 - 58.7 |
|                     | 15          | 179<br>(309)   | 58.1<br>53.2 - 63.0 | 149<br>(309)   | 48.9<br>43.5 - 54.3 |
|                     | 16          | 233<br>(452)   | 51.3<br>46.7 - 55.8 | 202<br>(452)   | 45.1<br>40.5 - 49.6 |
|                     | 17 or older | 236<br>(493)   | 47.9<br>43.1 - 52.8 | 199<br>(493)   | 40.6<br>36.0 - 45.2 |
| <b>By NZDep2006</b> | Low         | 247<br>(455)   | 54.0<br>49.1 - 58.9 | 210<br>(455)   | 46.2<br>41.7 - 50.8 |
|                     | Medium      | 272<br>(525)   | 51.9<br>47.5 - 56.2 | 247<br>(525)   | 47.2<br>42.5 - 51.9 |
|                     | High        | 274<br>(519)   | 52.9<br>48.1 - 57.7 | 219<br>(519)   | 42.9<br>37.8 - 48.0 |
| <b>By geography</b> | Urban       | 637<br>(1,231)   | 51.7<br>49.1 - 54.3 | 528<br>(1,231)   | 43.2<br>40.5 - 45.9 |
|                     | Rural       | 156<br>(268)   | 58.4<br>52.7 - 64.2 | 148<br>(268)   | 55.9<br>50.6 - 61.3 |

Note:

1. Among those who are currently sexually active (i.e. students who report having had sex in the last 3 months).

## Sexual Health Comparisons 2001 - 2012

| Ever had sex  |        | 2001             |                     | 2007             |                     | 2012 <sup>3</sup> |                     |
|---|--------|------------------|---------------------|------------------|---------------------|-------------------|---------------------|
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)          | %<br>95% CI         |
| Total   |        | 2,856<br>(9,067) | 31.3<br>29.2 - 33.4 | 2,931<br>(8,064) | 36.3<br>33.3 - 39.3 | 2,013<br>(8,264)  | 24.4<br>22.5 - 26.2 |
| By sex  | Male   | 1,346<br>(4,134) | 32.3<br>29.7 - 35.0 | 1,610<br>(4,282) | 37.6<br>34.2 - 41.1 | 927<br>(3,737)    | 24.9<br>22.4 - 27.3 |
|   | Female | 1,510<br>(4,933) | 30.4<br>28.2 - 32.7 | 1,321<br>(3,782) | 34.8<br>31.4 - 38.3 | 1,084<br>(4,524)  | 24.0<br>21.9 - 26.0 |
| <b>Currently sexually active (had sex in the last 3 months)</b>   |        |                  |                     |                  |                     |                   |                     |
| Currently sexually active (had sex in the last 3 months)  |        | 2001             |                     | 2007             |                     | 2012              |                     |
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)          | %<br>95% CI         |
| Total   |        | 1,909<br>(8,948) | 21.2<br>19.6 - 22.7 | 2,017<br>(7,740) | 26.0<br>23.8 - 28.3 | 1,550<br>(8,246)  | 18.8<br>17.3 - 20.4 |
| By sex  | Male   | 846<br>(4,072)   | 20.6<br>18.7 - 22.5 | 1,056<br>(4,079) | 25.9<br>23.4 - 28.5 | 680<br>(3,725)    | 18.3<br>16.3 - 20.4 |
|   | Female | 1,063<br>(4,867) | 21.6<br>19.6 - 23.7 | 961<br>(3,661)   | 26.2<br>23.4 - 29.0 | 869<br>(4,519)    | 19.3<br>17.5 - 21.0 |
| <b>Student (or partner) always uses contraception to prevent pregnancy<sup>1</sup></b>                  |        |                  |                     |                  |                     |                   |                     |
| Student (or partner) always uses contraception to prevent pregnancy <sup>1</sup>                        |        | 2001             |                     | 2007             |                     | 2012              |                     |
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)          | %<br>95% CI         |
| Total   |        | 1,103<br>(1,851) | 59.6<br>56.5 - 62.7 | 1,126<br>(1,871) | 60.3<br>57.4 - 63.1 | 872<br>(1,499)    | 58.2<br>54.3 - 62.1 |
| By sex  | Male   | 487<br>(801)     | 61.1<br>57.5 - 64.6 | 567<br>(955)     | 59.4<br>55.7 - 63.2 | 361<br>(646)      | 56.0<br>51.4 - 60.5 |
|   | Female | 616<br>(1,050)   | 58.5<br>54.4 - 62.6 | 559<br>(916)     | 61.1<br>57.0 - 65.3 | 511<br>(852)      | 60.0<br>55.2 - 64.9 |
| <b>Student (or partner) always uses condoms to prevent sexually transmitted infection<sup>1,2</sup></b> |        |                  |                     |                  |                     |                   |                     |
| Student (or partner) always uses condoms to prevent sexually transmitted infection <sup>1,2</sup>       |        | 2001             |                     | 2007             |                     | 2012              |                     |
|   |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)          | %<br>95% CI         |
| Total   |        | 901<br>(1,851)   | 48.8<br>46.3 - 51.3 | 903<br>(1,995)   | 45.2<br>42.6 - 47.9 | 686<br>(1,509)    | 45.5<br>42.9 - 48.1 |
| By sex  | Male   | 455<br>(816)     | 56.1<br>52.6 - 59.6 | 532<br>(1,042)   | 51.0<br>47.5 - 54.6 | 339<br>(651)      | 52.1<br>48.4 - 55.7 |
|   | Female | 446<br>(1,035)   | 42.9<br>39.8 - 46.0 | 371<br>(953)     | 38.9<br>35.4 - 42.3 | 347<br>(857)      | 40.5<br>37.3 - 43.7 |

### Notes:

1. Among students who are currently sexually active.
2. Question differed between 2001/2007 and 2012. In 2001 and 2007 students were asked, 'How often do you use condoms as protection against sexually transmitted disease or infection?'. In 2012 students were asked, 'How often do you (or your partner) use condoms as protection against sexually transmitted disease or infection?'. In 2012 students were asked, 'Have you ever had sex? (By this we mean sexual intercourse) Do not include sexual abuse.' In 2001 and 2007, sexual abuse was not explicitly excluded. This may partially account for the change in numbers.

# Motor Vehicle Risk Behaviours and Injuries

This section reports on injuries suffered by students and includes questions focusing on road safety behaviours such as the use of seatbelts and drinking and driving.

## Motor Vehicle Injury Risk Behaviours

|                     |             | Always wears a seatbelt when driving or being driven in a car |                     | Driven by someone in the last month who had been drinking alcohol |                     | Driven dangerously by someone in the last month (e.g. speeding, car chases, burnouts) |                     | Driven a car in the last month after consuming more than two glasses of alcohol in the hour before driving <sup>1</sup> |                  |
|---------------------|-------------|---|---------------------|---|---------------------|---|---------------------|---|------------------|
|                     |             | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI         |
| <b>Total</b>        |             | 6,245<br>(8,464)  | 73.9<br>72.0 - 75.7 | 1,552<br>(8,413)  | 18.4<br>17.2 - 19.7 | 1,483<br>(8,413)  | 17.6<br>16.6 - 18.7 | 152<br>(3,942)  | 3.9<br>3.0 - 4.7 |
| <b>By sex</b>       | Male        | 2,830<br>(3,856)  | 73.5<br>71.5 - 75.5 | 690<br>(3,823)  | 18.1<br>15.9 - 20.2 | 715<br>(3,823)  | 18.7<br>17.2 - 20.2 | 100<br>(2,002)  | 5.0<br>3.8 - 6.3 |
|                     | Female      | 3,414<br>(4,606)  | 74.2<br>71.8 - 76.5 | 861<br>(4,588)  | 18.7<br>17.4 - 20.0 | 767<br>(4,588)  | 16.7<br>15.6 - 17.9 | 51<br>(1,939)   | 2.6<br>1.8 - 3.4 |
| <b>By age</b>       | 13 or less  | 1,374<br>(1,827)  | 75.2<br>72.4 - 78.0 | 286<br>(1,809)  | 15.7<br>13.6 - 17.9 | 218<br>(1,809)  | 12.0<br>10.0 - 13.9 | 20<br>(401)   | 5.1<br>2.2 - 8.0 |
|                     | 14          | 1,367<br>(1,892)  | 72.3<br>69.3 - 75.2 | 353<br>(1,883)  | 18.8<br>16.4 - 21.2 | 293<br>(1,883)  | 15.6<br>13.6 - 17.5 | 11<br>(634)   | 1.7<br>0.6 - 2.9 |
|                     | 15          | 1,257<br>(1,751)  | 71.8<br>69.3 - 74.3 | 358<br>(1,742)  | 20.5<br>18.6 - 22.4 | 326<br>(1,742)  | 18.6<br>16.8 - 20.5 | 31<br>(783)   | 4.0<br>2.1 - 5.8 |
|                     | 16          | 1,142<br>(1,571)  | 73.0<br>70.4 - 75.5 | 314<br>(1,560)  | 20.1<br>17.7 - 22.5 | 315<br>(1,560)  | 20.2<br>17.6 - 22.8 | 45<br>(1,074)   | 4.2<br>2.8 - 5.6 |
|                     | 17 or older | 1,099<br>(1,413)  | 77.8<br>75.5 - 80.2 | 238<br>(1,409)  | 16.9<br>14.9 - 18.8 | 331<br>(1,409)  | 23.6<br>21.0 - 26.2 | 43<br>(1,045)   | 4.1<br>2.6 - 5.5 |
| <b>By NZDep2006</b> | Low         | 2,099<br>(2,714)  | 77.5<br>75.7 - 79.2 | 518<br>(2,707)  | 19.1<br>16.9 - 21.4 | 433<br>(2,707)  | 16.0<br>14.4 - 17.6 | 37<br>(1,316)   | 2.8<br>1.9 - 3.7 |
|                     | Medium      | 2,276<br>(2,991)  | 76.1<br>74.1 - 78.1 | 539<br>(2,981)  | 18.0<br>16.4 - 19.7 | 547<br>(2,981)  | 18.3<br>16.7 - 19.9 | 59<br>(1,390)   | 4.3<br>2.9 - 5.8 |
|                     | High        | 1,801<br>(2,660)  | 67.8<br>64.9 - 70.6 | 471<br>(2,627)  | 17.9<br>16.2 - 19.6 | 481<br>(2,627)  | 18.3<br>16.7 - 19.9 | 52<br>(1,191)   | 4.3<br>3.0 - 5.5 |
| <b>By geography</b> | Urban       | 5,273<br>(7,095)  | 74.3<br>72.3 - 76.4 | 1,223<br>(7,050)  | 17.4<br>16.2 - 18.6 | 1,210<br>(7,050)  | 17.2<br>16.1 - 18.2 | 107<br>(3,109)  | 3.4<br>2.6 - 4.3 |
|                     | Rural       | 903<br>(1,270)  | 71.5<br>68.8 - 74.2 | 305<br>(1,265)  | 24.0<br>21.3 - 26.6 | 251<br>(1,265)  | 19.8<br>17.4 - 22.2 | 41<br>(788)   | 5.2<br>3.1 - 7.3 |

Note:

1. Among students who have ever driven a car or other motor vehicle (e.g. motorbike) on a public road.

# Injuries Requiring Treatment by a Health Provider

Seen a doctor, nurse or physiotherapist as a result of injury in the last 12 months <sup>1</sup>(table 1 of 2)

|                     | Students with an injury requiring treatment in the last 12 months |                     |  | Causes of injury requiring treatment |                     |               |                     |                                 |                  |                      |                  |
|---------------------|---|---------------------|--|--------------------------------------|---------------------|---------------|---------------------|---------------------------------|------------------|----------------------|------------------|
|                     |   |                     |  | Sport or recreation related          |                     | Fall          |                     | Road traffic crash <sup>2</sup> |                  | Attempt to harm self |                  |
|                     | n (N)   | % 95% CI            |  | n (N)                                | % 95% CI            | n (N)         | % 95% CI            | n (N)                           | % 95% CI         | n (N)                | % 95% CI         |
| <b>Total</b>        | 4,743 (8,426)   | 56.4<br>54.4 - 58.4 |  | 3,197 (8,395)                        | 38.2<br>35.9 - 40.6 | 1,554 (8,395) | 18.5<br>17.4 - 19.5 | 298 (8,395)                     | 3.6<br>3.1 - 4.0 | 184 (8,395)          | 2.2<br>1.8 - 2.6 |
| <b>By sex</b>       |   |                     |  |                                      |                     |               |                     |                                 |                  |                      |                  |
| Male                | 2,260 (3,835)   | 59.0<br>56.3 - 61.7 |  | 1,570 (3,818)                        | 41.3<br>38.2 - 44.5 | 708 (3,818)   | 18.5<br>17.2 - 19.8 | 190 (3,818)                     | 5.0<br>4.2 - 5.7 | 49 (3,818)           | 1.3<br>1.0 - 1.6 |
| Female              | 2,482 (4,589)   | 54.2<br>51.9 - 56.4 |  | 1,627 (4,575)                        | 35.6<br>33.0 - 38.3 | 845 (4,575)   | 18.5<br>17.0 - 19.9 | 108 (4,575)                     | 2.4<br>1.9 - 2.8 | 135 (4,575)          | 2.9<br>2.4 - 3.5 |
| <b>By age</b>       |   |                     |  |                                      |                     |               |                     |                                 |                  |                      |                  |
| 13 or less          | 1,017 (1,815)   | 56.1<br>53.1 - 59.1 |  | 655 (1,806)                          | 36.3<br>33.5 - 39.1 | 412 (1,806)   | 22.7<br>20.6 - 24.8 | 052 (1,806)                     | 2.9<br>2.1 - 3.7 | 37 (1,806)           | 2.0<br>1.3 - 2.8 |
| 14                  | 1,121 (1,885)   | 59.7<br>57.0 - 62.4 |  | 744 (1,877)                          | 40.0<br>36.9 - 43.2 | 376 (1,877)   | 20.0<br>18.2 - 21.9 | 067 (1,877)                     | 3.6<br>2.6 - 4.6 | 47 (1,877)           | 2.5<br>1.8 - 3.2 |
| 15                  | 1,009 (1,746)   | 57.8<br>54.9 - 60.7 |  | 698 (1,741)                          | 40.2<br>37.5 - 42.8 | 325 (1,741)   | 18.6<br>16.6 - 20.6 | 073 (1,741)                     | 4.2<br>3.2 - 5.1 | 40 (1,741)           | 2.3<br>1.6 - 3.0 |
| 16                  | 871 (1,564)   | 55.8<br>52.6 - 58.9 |  | 592 (1,559)                          | 38.1<br>34.5 - 41.6 | 261 (1,559)   | 16.7<br>14.8 - 18.6 | 071 (1,559)                     | 4.6<br>3.5 - 5.7 | 35 (1,559)           | 2.2<br>1.5 - 3.0 |
| 17 or older         | 717 (1,406)   | 51.0<br>47.9 - 54.2 |  | 502 (1,402)                          | 35.9<br>32.0 - 39.8 | 178 (1,402)   | 12.7<br>10.7 - 14.7 | 034 (1,402)                     | 2.5<br>1.7 - 3.3 | 25 (1,402)           | 1.8<br>1.1 - 2.6 |
| <b>By NZDep2006</b> |   |                     |  |                                      |                     |               |                     |                                 |                  |                      |                  |
| Low                 | 1,640 (2,712)   | 60.6<br>57.9 - 63.3 |  | 1,211 (2,701)                        | 45.1<br>42.1 - 48.0 | 460 (2,701)   | 17.1<br>15.5 - 18.6 | 108 (2,701)                     | 4.0<br>3.4 - 4.6 | 56 (2,701)           | 2.0<br>1.4 - 2.7 |
| Medium              | 1,681 (2,983)   | 56.5<br>54.4 - 58.6 |  | 1,151 (2,978)                        | 38.8<br>36.5 - 41.1 | 548 (2,978)   | 18.4<br>16.8 - 19.9 | 122 (2,978)                     | 4.1<br>3.3 - 4.9 | 73 (2,978)           | 2.4<br>1.8 - 3.1 |
| High                | 1,367 (2,634)   | 51.9<br>48.7 - 55.0 |  | 801 (2,621)                          | 30.6<br>27.9 - 33.3 | 523 (2,621)   | 19.8<br>17.7 - 22.0 | 065 (2,621)                     | 2.5<br>1.9 - 3.0 | 54 (2,621)           | 2.1<br>1.5 - 2.7 |
| <b>By geography</b> |   |                     |  |                                      |                     |               |                     |                                 |                  |                      |                  |
| Urban               | 3,915 (7,068)   | 55.5<br>53.5 - 57.5 |  | 2,598 (7,045)                        | 37.0<br>34.7 - 39.3 | 1,287 (7,045) | 18.3<br>17.2 - 19.3 | 234 (7,045)                     | 3.3<br>2.8 - 3.8 | 158 (7,045)          | 2.2<br>1.8 - 2.6 |
| Rural               | 773 (1,261)   | 61.5<br>57.4 - 65.6 |  | 565 (1,255)                          | 45.4<br>41.1 - 49.7 | 244 (1,255)   | 19.3<br>16.6 - 22.0 | 061 (1,255)                     | 5.0<br>3.6 - 6.4 | 25 (1,255)           | 2.0<br>1.1 - 2.8 |

Notes:

1. Students could choose more than one response option. 2. For example, while in a motor vehicle, walking or cycling.

Continued...



Seen a doctor, nurse or physiotherapist as a result of injury in the last 12 months<sup>1</sup> (table 2 of 2)

|                     |             | Causes of injury requiring treatment      |                  |                     |                  |               |                  |               |                     |
|---------------------|-------------|---|------------------|---------------------|------------------|---------------|------------------|---------------|---------------------|
|                     |             | Assault (someone hurt student on purpose) |                  | Work-related injury |                  | Near drowning |                  | Other cause   |                     |
|                     |             | n (N)                                     | % 95% CI         | n (N)               | % 95% CI         | n (N)         | % 95% CI         | n (N)         | % 95% CI            |
| <b>Total</b>        |             | 179 (8,395)                               | 2.1<br>1.8 - 2.5 | 169 (8,395)         | 2.0<br>1.6 - 2.4 | 58 (8,395)    | 0.7<br>0.5 - 0.9 | 1,178 (8,395) | 14.1<br>13.2 - 14.9 |
| <b>By sex</b>       | Male        | 108 (3,818)                               | 2.8<br>2.4 - 3.3 | 106 (3,818)         | 2.8<br>2.2 - 3.3 | 32 (3,818)    | 0.9<br>0.6 - 1.1 | 493 (3,818)   | 12.9<br>11.7 - 14.2 |
|                     | Female      | 70 (4,575)                                | 1.5<br>1.1 - 2.0 | 63 (4,575)          | 1.4<br>1.0 - 1.8 | 26 (4,575)    | 0.6<br>0.3 - 0.8 | 685 (4,575)   | 15.0<br>13.9 - 16.2 |
| <b>By age</b>       | 13 or less  | 30 (1,806)                                | 1.6<br>1.0 - 2.2 | 21 (1,806)          | 1.1<br>0.6 - 1.6 | 21 (1,806)    | 1.2<br>0.6 - 1.7 | 278 (1,806)   | 15.5<br>13.8 - 17.2 |
|                     | 14          | 47 (1,877)                                | 2.6<br>1.7 - 3.4 | 24 (1,877)          | 1.3<br>0.7 - 1.9 | 18 (1,877)    | 1.0<br>0.5 - 1.5 | 289 (1,877)   | 15.4<br>13.8 - 17.1 |
|                     | 15          | 41 (1,741)                                | 2.3<br>1.7 - 3.0 | 36 (1,741)          | 2.1<br>1.3 - 2.8 | 10 (1,741)    | 0.6<br>0.2 - 0.9 | 233 (1,741)   | 13.4<br>11.8 - 14.9 |
|                     | 16          | 45 (1,559)                                | 2.8<br>1.8 - 3.8 | 42 (1,559)          | 2.7<br>1.9 - 3.5 | 5 (1,559)     | 0.3<br>0.0 - 0.6 | 198 (1,559)   | 12.7<br>10.9 - 14.6 |
|                     | 17 or older | 16 (1,402)                                | 1.2<br>0.6 - 1.7 | 46 (1,402)          | 3.3<br>2.3 - 4.3 | 4 (1,402)     | 0.3<br>0.0 - 0.6 | 177 (1,402)   | 12.6<br>11.2 - 14.1 |
| <b>By NZDep2006</b> | Low         | 58 (2,701)                                | 2.2<br>1.6 - 2.8 | 50 (2,701)          | 1.8<br>1.3 - 2.4 | 10 (2,701)    | 0.4<br>0.1 - 0.6 | 357 (2,701)   | 13.2<br>11.4 - 15.0 |
|                     | Medium      | 55 (2,978)                                | 1.8<br>1.4 - 2.3 | 69 (2,978)          | 2.3<br>1.7 - 2.9 | 25 (2,978)    | 0.8<br>0.4 - 1.2 | 407 (2,978)   | 13.8<br>12.4 - 15.2 |
|                     | High        | 65 (2,621)                                | 2.5<br>1.9 - 3.0 | 50 (2,621)          | 1.9<br>1.3 - 2.5 | 20 (2,621)    | 0.8<br>0.4 - 1.1 | 402 (2,621)   | 15.3<br>14.0 - 16.5 |
| <b>By geography</b> | Urban       | 146 (7,045)                               | 2.1<br>1.7 - 2.4 | 131 (7,045)         | 1.8<br>1.5 - 2.2 | 46 (7,045)    | 0.7<br>0.5 - 0.8 | 975 (7,045)   | 13.9<br>12.9 - 14.8 |
|                     | Rural       | 32 (1,255)                                | 2.6<br>1.6 - 3.6 | 38 (1,255)          | 3.1<br>2.1 - 4.0 | 9 (1,255)     | 0.8<br>0.2 - 1.4 | 191 (1,255)   | 15.3<br>13.0 - 17.5 |

Note:

1. Students could choose more than one response option.

## Motor Vehicle Injury Risk Behaviours Comparisons 2001 - 2012

| Always wears a seatbelt when driving or being driven in a car   |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 6,183<br>(9,423) | 65.6<br>64.0 - 67.1 | 6,568<br>(8,894) | 73.9<br>72.1 - 75.7 | 6,245<br>(8,464) | 73.9<br>72.0 - 75.7 |
| <b>By sex</b>   | Male   | 2,827<br>(4,330) | 65.2<br>62.9 - 67.6 | 3,489<br>(4,797) | 72.8<br>70.2 - 75.3 | 2,830<br>(3,856) | 73.5<br>71.5 - 75.5 |
|   | Female | 3,356<br>(5,093) | 65.9<br>64.2 - 67.6 | 3,079<br>(4,097) | 75.3<br>73.3 - 77.2 | 3,414<br>(4,606) | 74.2<br>71.8 - 76.5 |
| Driven by someone in the last month who had been drinking alcohol   |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 2,648<br>(9,378) | 27.8<br>26.0 - 29.6 | 2,058<br>(8,868) | 23.2<br>22.0 - 24.4 | 1,552<br>(8,413) | 18.4<br>17.2 - 19.7 |
| <b>By sex</b>   | Male   | 1,184<br>(4,304) | 27.1<br>24.9 - 29.4 | 1,099<br>(4,780) | 23.0<br>21.5 - 24.6 | 690<br>(3,823)   | 18.1<br>15.9 - 20.2 |
|   | Female | 1,464<br>(5,074) | 28.4<br>26.4 - 30.4 | 959<br>(4,088)   | 23.4<br>21.8 - 25.0 | 861<br>(4,588)   | 18.7<br>17.4 - 20.0 |
| Driven dangerously by someone in the last month (e.g. speeding, car chases, burnouts)                           |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 3,685<br>(9,370) | 39.1<br>36.9 - 41.2 | 2,138<br>(8,848) | 24.2<br>22.8 - 25.5 | 1,483<br>(8,413) | 17.6<br>16.6 - 18.7 |
| <b>By sex</b>   | Male   | 1,794<br>(4,302) | 41.5<br>38.7 - 44.2 | 1,267<br>(4,766) | 26.7<br>24.9 - 28.5 | 715<br>(3,823)   | 18.7<br>17.2 - 20.2 |
|   | Female | 1,891<br>(5,068) | 37.0<br>34.9 - 39.1 | 871<br>(4,082)   | 21.2<br>19.5 - 22.9 | 767<br>(4,588)   | 16.7<br>15.6 - 17.9 |
| Driven a car in the last month after consuming more than two glasses of alcohol in the two hours before driving |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 606<br>(7,680)   | 7.8<br>6.9 - 8.7    | 348<br>(4,243)   | 8.2<br>7.3 - 9.1    | 152<br>(3,942)   | 3.9<br>3.0 - 4.7    |
| <b>By sex</b>   | Male   | 400<br>(3,689)   | 10.7<br>9.4 - 12.0  | 257<br>(2,601)   | 9.9<br>8.8 - 11.0   | 100<br>(2,002)   | 5.0<br>3.8 - 6.3    |
|   | Female | 206<br>(3,991)   | 5.0<br>4.2 - 5.9    | 91<br>(1,642)    | 5.4<br>4.4 - 6.5    | 51<br>(1,939)    | 2.6<br>1.8 - 3.4    |

# Violence and Antisocial Behaviour

This section reports on violence, antisocial behaviour, encounters with the police and sexual abuse experienced by the students.

## Witnessing Violence in the Home in the last 12 Months<sup>1</sup>

|                     |             | Witnessed adults in your home yelling or swearing at a child (other than yourself) |                     | Witnessed adults in your home hitting or physically hurting a child (other than yourself) |                     | Witnessed adults in your home yelling or swearing at each other |                     | Witnessed adults in your home hitting or physically hurting each other |                    |
|---------------------|-------------|--|---------------------|---|---------------------|---|---------------------|--|--------------------|
|                     |             | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI           |
| <b>Total</b>        |             | 4,080<br>(8,158)   | 50.0<br>48.2 - 51.8 | 1,132<br>(8,164)  | 13.9<br>12.4 - 15.4 | 3,951<br>(8,189)  | 48.3<br>46.9 - 49.8 | 608<br>(8,177)   | 7.4<br>6.5 - 8.4   |
| <b>By sex</b>       | Male        | 1,771<br>(3,692)   | 48.0<br>45.8 - 50.1 | 476<br>(3,698)  | 12.9<br>11.5 - 14.3 | 1,644<br>(3,704)  | 44.5<br>42.6 - 46.5 | 265<br>(3,705)   | 7.2<br>6.3 - 8.1   |
|                     | Female      | 2,307<br>(4,464)   | 51.7<br>49.5 - 53.8 | 654<br>(4,464)  | 14.6<br>12.5 - 16.8 | 2,305<br>(4,483)  | 51.5<br>49.8 - 53.1 | 342<br>(4,470)   | 7.7<br>6.2 - 9.1   |
| <b>By age</b>       | 13 or less  | 864<br>(1,760)   | 49.0<br>45.8 - 52.2 | 282<br>(1,762)  | 16.1<br>13.9 - 18.4 | 784<br>(1,771)  | 44.3<br>41.6 - 47.0 | 137<br>(1,764)   | 7.8<br>6.3 - 9.3   |
|                     | 14          | 992<br>(1,824)   | 54.5<br>51.5 - 57.5 | 297<br>(1,827)  | 16.2<br>13.8 - 18.6 | 868<br>(1,829)  | 47.5<br>44.6 - 50.4 | 160<br>(1,830)   | 8.7<br>6.9 - 10.5  |
|                     | 15          | 861<br>(1,679)   | 51.3<br>48.6 - 54.1 | 244<br>(1,680)  | 14.6<br>12.4 - 16.8 | 881<br>(1,693)  | 52.2<br>49.7 - 54.6 | 142<br>(1,691)   | 8.4<br>7.1 - 9.7   |
|                     | 16          | 748<br>(1,523)   | 49.2<br>46.2 - 52.1 | 179<br>(1,521)  | 11.7<br>9.7 - 13.7  | 759<br>(1,524)  | 49.9<br>47.2 - 52.7 | 95<br>(1,520)  | 6.3<br>5.0 - 7.6   |
|                     | 17 or older | 611<br>(1,362)   | 44.7<br>41.6 - 47.8 | 130<br>(1,364)  | 9.5<br>7.8 - 11.3   | 654<br>(1,362)  | 48.0<br>44.9 - 51.1 | 74<br>(1,362)  | 5.4<br>4.0 - 6.8   |
| <b>By NZDep2006</b> | Low         | 1,325<br>(2,657)   | 49.9<br>47.9 - 51.9 | 266<br>(2,661)  | 10.0<br>8.6 - 11.4  | 1,305<br>(2,668)  | 49.0<br>47.1 - 51.0 | 135<br>(2,666)   | 5.1<br>4.1 - 6.0   |
|                     | Medium      | 1,410<br>(2,887)   | 48.9<br>46.3 - 51.5 | 373<br>(2,892)  | 12.9<br>11.6 - 14.2 | 1,401<br>(2,899)  | 48.5<br>46.7 - 50.3 | 188<br>(2,899)   | 6.5<br>5.7 - 7.4   |
|                     | High        | 1,301<br>(2,522)   | 51.6<br>48.6 - 54.6 | 483<br>(2,519)  | 19.2<br>16.6 - 21.8 | 1,199<br>(2,530)  | 47.4<br>44.7 - 50.0 | 276<br>(2,520)   | 11.0<br>9.1 - 12.8 |
| <b>By geography</b> | Urban       | 3,398<br>(6,829)   | 49.8<br>47.7 - 51.9 | 977<br>(6,834)  | 14.3<br>12.6 - 16.0 | 3,289<br>(6,855)  | 48.0<br>46.4 - 49.6 | 522<br>(6,847)   | 7.6<br>6.5 - 8.7   |
|                     | Rural       | 638<br>(1,237)   | 51.4<br>48.9 - 54.0 | 145<br>(1,238)  | 11.6<br>9.9 - 13.3  | 616<br>(1,242)  | 49.9<br>47.3 - 52.5 | 77<br>(1,238)  | 6.3<br>4.9 - 7.7   |

Note:

1. Students who responded 'Doesn't apply to me' to questions about the behaviours of adults in their home in the last 12 months are not included in the denominator.

## Experience of Physical Violence

|                     |             | Hit or physically harmed by another person on purpose one or more times in the last 12 months |                     | Hit or physically harmed on purpose by an adult at home in the last 12 months |                     | Hit or physically harmed by someone in the last 12 months (including by an adult in their own home <sup>1</sup> ) |                     |
|---------------------|-------------|---|---------------------|---|---------------------|---|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 2,409<br>(8,417)  | 28.6<br>26.8 - 30.5 | 1,168<br>(8,252)  | 14.1<br>12.9 - 15.4 | 2,790<br>(8,436)  | 33.1<br>31.4 - 34.8 |
| <b>By sex</b>       | Male        | 1,308<br>(3,832)  | 34.1<br>31.6 - 36.6 | 516<br>(3,736)  | 13.8<br>12.4 - 15.2 | 1,487<br>(3,842)  | 38.7<br>36.6 - 40.7 |
|                     | Female      | 1,100<br>(4,583)  | 24.0<br>22.5 - 25.5 | 651<br>(4,514)  | 14.4<br>12.8 - 16.0 | 1,302<br>(4,592)  | 28.4<br>26.7 - 30.0 |
| <b>By age</b>       | 13 or less  | 549<br>(1,807)  | 30.3<br>27.1 - 33.5 | 297<br>(1,777)  | 16.8<br>14.5 - 19.1 | 660<br>(1,817)  | 36.2<br>33.3 - 39.2 |
|                     | 14          | 624<br>(1,879)  | 33.2<br>30.4 - 36.0 | 303<br>(1,844)  | 16.3<br>14.0 - 18.7 | 718<br>(1,886)  | 38.1<br>35.2 - 40.9 |
|                     | 15          | 501<br>(1,745)  | 28.8<br>26.2 - 31.4 | 243<br>(1,703)  | 14.3<br>12.7 - 15.9 | 572<br>(1,747)  | 32.8<br>30.4 - 35.3 |
|                     | 16          | 427<br>(1,568)  | 27.2<br>24.7 - 29.6 | 185<br>(1,540)  | 11.9<br>10.4 - 13.5 | 484<br>(1,568)  | 30.8<br>28.3 - 33.3 |
|                     | 17 or older | 307<br>(1,408)  | 21.9<br>19.3 - 24.4 | 139<br>(1,378)  | 10.1<br>8.0 - 12.3  | 354<br>(1,408)  | 25.2<br>22.7 - 27.6 |
| <b>By NZDep2006</b> | Low         | 773<br>(2,710)  | 28.5<br>25.2 - 31.8 | 317<br>(2,684)  | 11.8<br>10.4 - 13.2 | 858<br>(2,714)  | 31.6<br>28.4 - 34.9 |
|                     | Medium      | 882<br>(2,980)  | 29.6<br>27.7 - 31.6 | 389<br>(2,926)  | 13.3<br>11.8 - 14.9 | 993<br>(2,984)  | 33.3<br>31.3 - 35.4 |
|                     | High        | 735<br>(2,630)  | 27.9<br>25.1 - 30.6 | 448<br>(2,549)  | 17.6<br>15.2 - 19.9 | 913<br>(2,641)  | 34.5<br>32.1 - 36.9 |
| <b>By geography</b> | Urban       | 1,967<br>(7,055)  | 27.9<br>26.0 - 29.8 | 991<br>(6,907)  | 14.3<br>13.0 - 15.7 | 2,293<br>(7,073)  | 32.4<br>30.6 - 34.2 |
|                     | Rural       | 423<br>(1,265)  | 33.5<br>30.2 - 36.8 | 163<br>(1,252)  | 12.9<br>10.8 - 15.1 | 471<br>(1,266)  | 37.2<br>34.0 - 40.5 |

Note: 1. This combines hit or physically harmed by any person and/or by an adult at home.

## Antisocial Behaviours

|                     |             | Hit or physically harmed someone else on purpose in the last 12 months |                     | Been in a serious physical fight in the last 12 months |                     | Carried a weapon (e.g. knife), thinking about harming someone in the last 12 months |                  | Got in trouble with the police in the last 12 months |                     |
|---------------------|-------------|--|---------------------|--|---------------------|---|------------------|--|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI         | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 1,951<br>(8,388)   | 23.3<br>21.4 - 25.1 | 1,185<br>(8,388)                                       | 14.1<br>12.5 - 15.7 | 279<br>(8,388)  | 3.3<br>2.7 - 3.9 | 882<br>(8,109)                                       | 10.8<br>9.7 - 12.0  |
| <b>By sex</b>       | Male        | 1,161<br>(3,810)   | 30.4<br>28.2 - 32.7 | 745<br>(3,810)   | 19.6<br>17.7 - 21.4 | 189<br>(3,810)  | 4.9<br>3.9 - 5.9 | 513<br>(3,636)                                       | 14.0<br>12.5 - 15.6 |
|                     | Female      | 789<br>(4,576)   | 17.2<br>15.6 - 18.9 | 439<br>(4,576)   | 9.6<br>8.0 - 11.1   | 90<br>(4,576)   | 2.0<br>1.4 - 2.5 | 368<br>(4,471)                                       | 8.2<br>7.1 - 9.4    |
| <b>By age</b>       | 13 or less  | 429<br>(1,806)   | 23.6<br>21.0 - 26.2 | 261<br>(1,806)   | 14.4<br>12.0 - 16.8 | 56<br>(1,806)   | 3.1<br>2.0 - 4.1 | 151<br>(1,752)                                       | 8.6<br>6.8 - 10.4   |
|                     | 14          | 505<br>(1,876)   | 27.0<br>24.2 - 29.7 | 293<br>(1,876)   | 15.7<br>13.3 - 18.0 | 79<br>(1,876)   | 4.2<br>3.1 - 5.2 | 197<br>(1,820)                                       | 10.8<br>9.0 - 12.5  |
|                     | 15          | 402<br>(1,739)   | 23.1<br>20.5 - 25.7 | 265<br>(1,739)   | 15.3<br>13.1 - 17.6 | 52<br>(1,739)   | 3.0<br>2.1 - 3.9 | 200<br>(1,663)                                       | 12.0<br>10.1 - 14.0 |
|                     | 16          | 364<br>(1,558)   | 23.4<br>20.5 - 26.4 | 215<br>(1,558)   | 13.8<br>11.3 - 16.3 | 58<br>(1,558)   | 3.7<br>2.7 - 4.7 | 180<br>(1,498)                                       | 11.9<br>9.9 - 14.0  |
|                     | 17 or older | 248<br>(1,399)   | 17.8<br>15.0 - 20.5 | 149<br>(1,399)   | 10.5<br>8.5 - 12.6  | 33<br>(1,399)   | 2.4<br>1.3 - 3.5 | 151<br>(1,366)                                       | 11.1<br>9.3 - 13.0  |
| <b>By NZDep2006</b> | Low         | 590<br>(2,705)   | 21.8<br>18.7 - 24.9 | 294<br>(2,705)   | 10.9<br>8.9 - 12.8  | 60<br>(2,705)   | 2.2<br>1.5 - 3.0 | 239<br>(2,664)                                       | 8.9<br>7.4 - 10.4   |
|                     | Medium      | 679<br>(2,973)   | 22.8<br>20.8 - 24.8 | 357<br>(2,973)   | 12.0<br>10.5 - 13.5 | 104<br>(2,973)  | 3.5<br>2.6 - 4.3 | 305<br>(2,903)                                       | 10.5<br>9.2 - 11.9  |
|                     | High        | 660<br>(2,614)   | 25.3<br>22.8 - 27.8 | 514<br>(2,614)   | 19.7<br>17.3 - 22.0 | 112<br>(2,614)  | 4.2<br>3.3 - 5.1 | 330<br>(2,455)                                       | 13.4<br>11.4 - 15.4 |
| <b>By geography</b> | Urban       | 1,600<br>(7,030)   | 22.7<br>20.8 - 24.7 | 984<br>(7,030)   | 14.0<br>12.3 - 15.8 | 239<br>(7,030)  | 3.4<br>2.8 - 4.0 | 743<br>(6,795)                                       | 10.9<br>9.7 - 12.2  |
|                     | Rural       | 329<br>(1,262)   | 26.2<br>22.8 - 29.6 | 181<br>(1,262)   | 14.0<br>11.5 - 16.5 | 37<br>(1,262)   | 3.0<br>1.6 - 4.4 | 131<br>(1,227)                                       | 10.5<br>8.3 - 12.6  |

Reasons for being in trouble with police<sup>1,2</sup> (table 1 of 2)

|                     | Taking a car |                   |           | Stealing            |          |                     | Tagging   |                     |           | Fighting            |       |          | Something to do with driving |          |  |
|---------------------|--------------|-------------------|-----------|---------------------|----------|---------------------|-----------|---------------------|-----------|---------------------|-------|----------|------------------------------|----------|--|
|                     | n (N)        | % 95% CI          | n (N)     | % 95% CI            | n (N)    | % 95% CI            | n (N)     | % 95% CI            | n (N)     | % 95% CI            | n (N) | % 95% CI | n (N)                        | % 95% CI |  |
| <b>Total</b>        | 51 (869)     | 5.8<br>4.5 - 7.1  | 175 (869) | 19.9<br>17.3 - 22.6 | 88 (869) | 10.0<br>7.6 - 12.4  | 184 (869) | 21.1<br>18.2 - 24.0 | 148 (869) | 17.1<br>14.5 - 19.8 |       |          |                              |          |  |
| <b>By sex</b>       |              |                   |           |                     |          |                     |           |                     |           |                     |       |          |                              |          |  |
| Male                | 33 (505)     | 6.4<br>4.6 - 8.3  | 100 (505) | 19.5<br>15.8 - 23.2 | 61 (505) | 11.8<br>8.4 - 15.1  | 114 (505) | 22.4<br>19.3 - 25.5 | 85 (505)  | 16.9<br>13.8 - 20.1 |       |          |                              |          |  |
| Female              | 18 (363)     | 4.9<br>2.9 - 6.8  | 74 (363)  | 20.3<br>16.6 - 24.0 | 26 (363) | 7.2<br>4.1 - 10.4   | 69 (363)  | 19.0<br>13.8 - 24.3 | 63 (363)  | 17.4<br>13.1 - 21.8 |       |          |                              |          |  |
| <b>By age</b>       |              |                   |           |                     |          |                     |           |                     |           |                     |       |          |                              |          |  |
| 13 or less          | 5 (145)      | 3.2<br>0.4 - 6.1  | 39 (145)  | 26.4<br>19.0 - 33.9 | 25 (145) | 16.7<br>9.2 - 24.3  | 34 (145)  | 22.9<br>16.9 - 28.9 | 7 (145)   | 4.6<br>0.3 - 8.9    |       |          |                              |          |  |
| 14                  | 14 (195)     | 7.0<br>3.8 - 10.3 | 48 (195)  | 24.4<br>18.9 - 29.8 | 31 (195) | 15.7<br>11.3 - 20.2 | 49 (195)  | 25.3<br>19.4 - 31.2 | 13 (195)  | 6.8<br>3.1 - 10.5   |       |          |                              |          |  |
| 15                  | 11 (197)     | 5.6<br>2.3 - 9.0  | 38 (197)  | 19.4<br>12.9 - 25.9 | 17 (197) | 8.7<br>4.8 - 12.6   | 51 (197)  | 25.8<br>19.1 - 32.5 | 21 (197)  | 10.6<br>6.6 - 14.7  |       |          |                              |          |  |
| 16                  | 14 (178)     | 7.6<br>3.9 - 11.2 | 35 (178)  | 19.2<br>13.7 - 24.7 | 10 (178) | 5.4<br>2.1 - 8.8    | 31 (178)  | 17.2<br>11.3 - 23.1 | 48 (178)  | 27.3<br>19.5 - 35.0 |       |          |                              |          |  |
| 17 or older         | 7 (151)      | 4.8<br>1.2 - 8.3  | 14 (151)  | 9.5<br>4.5 - 14.5   | 5 (151)  | 3.4<br>0.3 - 6.6    | 19 (151)  | 13.0<br>6.8 - 19.1  | 59 (151)  | 38.9<br>31.6 - 46.3 |       |          |                              |          |  |
| <b>By NZDep2006</b> |              |                   |           |                     |          |                     |           |                     |           |                     |       |          |                              |          |  |
| Low                 | 10 (237)     | 4.1<br>1.2 - 7.1  | 34 (237)  | 14.3<br>9.3 - 19.3  | 17 (237) | 7.4<br>3.0 - 11.8   | 43 (237)  | 18.3<br>12.7 - 23.9 | 55 (237)  | 23.4<br>17.9 - 28.8 |       |          |                              |          |  |
| Medium              | 21 (299)     | 7.1<br>4.6 - 9.5  | 61 (299)  | 20.5<br>15.8 - 25.2 | 31 (299) | 10.3<br>7.0 - 13.6  | 53 (299)  | 17.5<br>12.7 - 22.3 | 59 (299)  | 19.8<br>15.9 - 23.8 |       |          |                              |          |  |
| High                | 19 (325)     | 5.6<br>3.4 - 7.8  | 79 (325)  | 23.8<br>19.0 - 28.5 | 39 (325) | 11.5<br>7.7 - 15.3  | 87 (325)  | 26.7<br>21.7 - 31.8 | 33 (325)  | 10.2<br>6.7 - 13.6  |       |          |                              |          |  |
| <b>By geography</b> |              |                   |           |                     |          |                     |           |                     |           |                     |       |          |                              |          |  |
| Urban               | 45 (734)     | 6.1<br>4.7 - 7.5  | 155 (734) | 21.0<br>18.1 - 23.9 | 80 (734) | 10.8<br>8.1 - 13.5  | 160 (734) | 21.7<br>18.4 - 25.0 | 119 (734) | 16.3<br>13.9 - 18.6 |       |          |                              |          |  |
| Rural               | 5 (127)      | 3.4<br>0.5 - 6.4  | 19 (127)  | 13.9<br>7.0 - 20.8  | 7 (127)  | 5.1<br>1.7 - 8.5    | 23 (127)  | 18.1<br>10.5 - 25.8 | 28 (127)  | 22.7<br>12.4 - 33.0 |       |          |                              |          |  |

Notes:

1. Among students who had been in trouble with the police in the last 12 months.
2. Students could choose more than one response option.

Continued...

**Reasons for being in trouble with police<sup>1,2</sup> (table 2 of 2)**

|                     | Something to do with drugs |                     | Damaging property |                     | Being in a gang |                   | Running away from home |                     | None of these |                     |
|---------------------|----------------------------|---------------------|-------------------|---------------------|-----------------|-------------------|------------------------|---------------------|---------------|---------------------|
|                     | n (N)                      | % 95% CI            | n (N)             | % 95% CI            | n (N)           | % 95% CI          | n (N)                  | % 95% CI            | n (N)         | % 95% CI            |
| <b>Total</b>        | 106 (869)                  | 12.2<br>9.3 - 15.0  | 111 (869)         | 12.9<br>10.8 - 15.0 | 46 (869)        | 5.2<br>3.6 - 6.7  | 86 (869)               | 9.7<br>7.4 - 12.1   | 288 (869)     | 33.2<br>30.0 - 36.3 |
| <b>By sex</b>       |                            |                     |                   |                     |                 |                   |                        |                     |               |                     |
| Male                | 60 (505)                   | 12.0<br>8.2 - 15.8  | 84 (505)          | 16.8<br>14.1 - 19.6 | 35 (505)        | 6.8<br>4.4 - 9.2  | 30 (505)               | 5.8<br>3.3 - 8.2    | 170 (505)     | 33.6<br>29.4 - 37.8 |
| Female              | 45 (363)                   | 12.2<br>8.0 - 16.3  | 27 (363)          | 7.5<br>4.6 - 10.3   | 11 (363)        | 2.9<br>1.3 - 4.6  | 56 (363)               | 15.3<br>11.2 - 19.5 | 118 (363)     | 32.6<br>27.6 - 37.6 |
| <b>By age</b>       |                            |                     |                   |                     |                 |                   |                        |                     |               |                     |
| 13 or less          | 14 (145)                   | 9.5<br>5.0 - 14.1   | 14 (145)          | 9.5<br>3.8 - 15.2   | 12 (145)        | 7.5<br>2.8 - 12.2 | 18 (145)               | 12.0<br>6.1 - 17.9  | 52 (145)      | 36.3<br>26.7 - 45.9 |
| 14                  | 28 (195)                   | 14.8<br>8.8 - 20.7  | 32 (195)          | 16.9<br>11.2 - 22.6 | 15 (195)        | 7.9<br>3.8 - 12.0 | 26 (195)               | 13.5<br>8.7 - 18.4  | 63 (195)      | 32.0<br>24.1 - 39.9 |
| 15                  | 28 (197)                   | 13.9<br>8.7 - 19.0  | 26 (197)          | 13.2<br>7.8 - 18.6  | 6 (197)         | 3.1<br>0.0 - 6.3  | 27 (197)               | 13.5<br>9.2 - 17.7  | 72 (197)      | 36.6<br>30.2 - 43.1 |
| 16                  | 24 (178)                   | 13.3<br>8.6 - 17.9  | 24 (178)          | 13.6<br>9.0 - 18.2  | 8 (178)         | 4.3<br>1.0 - 7.6  | 9 (178)                | 4.8<br>1.4 - 8.2    | 48 (178)      | 27.3<br>20.9 - 33.7 |
| 17 or older         | 12 (151)                   | 8.2<br>2.8 - 13.6   | 14 (151)          | 9.4<br>4.7 - 14.0   | 5 (151)         | 3.3<br>0.0 - 6.6  | 6 (151)                | 4.0<br>0.0 - 8.3    | 51 (151)      | 33.3<br>25.7 - 40.8 |
| <b>By NZDep2006</b> |                            |                     |                   |                     |                 |                   |                        |                     |               |                     |
| Low                 | 31 (237)                   | 13.0<br>7.4 - 18.5  | 24 (237)          | 10.3<br>6.4 - 14.2  | 11 (237)        | 4.7<br>1.8 - 7.6  | 16 (237)               | 6.8<br>2.2 - 11.4   | 90 (237)      | 37.8<br>31.3 - 44.3 |
| Medium              | 44 (299)                   | 14.9<br>10.3 - 19.5 | 48 (299)          | 16.0<br>12.2 - 19.8 | 13 (299)        | 4.4<br>2.3 - 6.5  | 33 (299)               | 10.8<br>7.3 - 14.4  | 88 (299)      | 29.3<br>24.2 - 34.4 |
| High                | 29 (325)                   | 8.7<br>5.4 - 11.9   | 37 (325)          | 11.6<br>8.1 - 15.1  | 22 (325)        | 6.4<br>3.7 - 9.1  | 36 (325)               | 10.8<br>7.6 - 14.1  | 107 (325)     | 33.2<br>27.5 - 38.8 |
| <b>By geography</b> |                            |                     |                   |                     |                 |                   |                        |                     |               |                     |
| Urban               | 83 (734)                   | 11.3<br>8.5 - 14.1  | 93 (734)          | 12.8<br>10.5 - 15.0 | 42 (734)        | 5.6<br>3.8 - 7.4  | 73 (734)               | 9.9<br>7.5 - 12.4   | 242 (734)     | 33.0<br>29.8 - 36.2 |
| Rural               | 21 (127)                   | 16.6<br>9.8 - 23.4  | 16 (127)          | 13.0<br>7.8 - 18.2  | 4 (127)         | 3.0<br>0.2 - 5.8  | 12 (127)               | 8.5<br>3.1 - 13.8   | 43 (127)      | 33.9<br>23.5 - 44.3 |

Notes:

1. Among students who had been in trouble with the police in the last 12 months.
2. Students could choose more than one response option.

## Treatment by the police<sup>1</sup>

|                     |             | Mostly good  |                     | Neither good nor bad |                     | Mostly bad   |                     |
|---------------------|-------------|--------------|---------------------|----------------------|---------------------|--------------|---------------------|
|                     |             | n<br>(N)     | %<br>95% CI         | n<br>(N)             | %<br>95% CI         | n<br>(N)     | %<br>95% CI         |
| <b>Total</b>        |             | 484<br>(874) | 55.3<br>52.1 - 58.6 | 268<br>(874)         | 30.7<br>28.1 - 33.4 | 122<br>(874) | 14.0<br>11.9 - 16.1 |
| <b>By sex</b>       | Male        | 293<br>(508) | 57.7<br>53.8 - 61.6 | 137<br>(508)         | 27.0<br>23.8 - 30.2 | 78<br>(508)  | 15.3<br>12.2 - 18.4 |
|                     | Female      | 190<br>(365) | 51.9<br>46.7 - 57.1 | 131<br>(365)         | 36.0<br>31.0 - 40.9 | 44<br>(365)  | 12.1<br>9.0 - 15.2  |
| <b>By age</b>       | 13 or less  | 82<br>(147)  | 55.8<br>47.1 - 64.4 | 52<br>(147)          | 35.8<br>27.3 - 44.2 | 13<br>(147)  | 8.4<br>4.0 - 12.9   |
|                     | 14          | 124<br>(196) | 63.2<br>55.9 - 70.5 | 49<br>(196)          | 25.1<br>17.9 - 32.4 | 23<br>(196)  | 11.6<br>7.7 - 15.6  |
|                     | 15          | 95<br>(198)  | 48.2<br>41.2 - 55.2 | 73<br>(198)          | 36.5<br>30.7 - 42.4 | 30<br>(198)  | 15.3<br>9.8 - 20.7  |
|                     | 16          | 101<br>(179) | 56.0<br>49.3 - 62.6 | 48<br>(179)          | 26.9<br>20.3 - 33.4 | 30<br>(179)  | 17.1<br>12.4 - 21.9 |
|                     | 17 or older | 79<br>(151)  | 52.3<br>44.3 - 60.4 | 46<br>(151)          | 30.6<br>25.0 - 36.1 | 26<br>(151)  | 17.1<br>10.7 - 23.5 |
| <b>By NZDep2006</b> | Low         | 132<br>(237) | 55.6<br>48.2 - 63.0 | 77<br>(237)          | 32.5<br>27.7 - 37.3 | 28<br>(237)  | 11.9<br>7.1 - 16.8  |
|                     | Medium      | 173<br>(302) | 57.1<br>51.5 - 62.6 | 78<br>(302)          | 26.0<br>21.2 - 30.8 | 51<br>(302)  | 16.9<br>12.3 - 21.6 |
|                     | High        | 174<br>(327) | 53.2<br>47.2 - 59.2 | 110<br>(327)         | 33.8<br>28.4 - 39.1 | 43<br>(327)  | 13.1<br>9.6 - 16.6  |
| <b>By geography</b> | Urban       | 401<br>(739) | 54.2<br>50.5 - 58.0 | 228<br>(739)         | 30.9<br>27.8 - 33.9 | 110<br>(739) | 14.9<br>12.5 - 17.3 |
|                     | Rural       | 78<br>(127)  | 61.2<br>51.8 - 70.7 | 37<br>(127)          | 29.4<br>21.9 - 36.9 | 12<br>(127)  | 9.4<br>4.5 - 14.2   |

Note:

1. Among students who had been in trouble with the police in the last 12 months.



## Antisocial Messaging

### Students received nasty or threatening messages in the last year

|                     |             | On a mobile phone |                     | On the internet |                    | By letters or notes |                  |
|---------------------|-------------|-------------------|---------------------|-----------------|--------------------|---------------------|------------------|
|                     |             | n<br>(N)          | %<br>95% CI         | n<br>(N)        | %<br>95% CI        | n<br>(N)            | %<br>95% CI      |
| <b>Total</b>        |             | 972<br>(8,089)    | 12.0<br>11.1 - 13.0 | 739<br>(8,089)  | 9.1<br>8.4 - 9.8   | 45<br>(8,089)       | 0.6<br>0.4 - 0.7 |
| <b>By sex</b>       | Male        | 331<br>(3,614)    | 9.2<br>8.1 - 10.2   | 254<br>(3,614)  | 7.0<br>6.2 - 7.8   | 23<br>(3,614)       | 0.6<br>0.3 - 0.9 |
|                     | Female      | 640<br>(4,473)    | 14.4<br>13.0 - 15.7 | 485<br>(4,473)  | 10.8<br>9.7 - 11.9 | 22<br>(4,473)       | 0.5<br>0.3 - 0.7 |
| <b>By age</b>       | 13 or less  | 173<br>(1,707)    | 10.2<br>8.5 - 11.9  | 161<br>(1,707)  | 9.4<br>8.0 - 10.8  | 15<br>(1,707)       | 0.9<br>0.4 - 1.4 |
|                     | 14          | 200<br>(1,790)    | 11.2<br>9.6 - 12.7  | 196<br>(1,790)  | 10.9<br>9.4 - 12.4 | 12<br>(1,790)       | 0.6<br>0.3 - 1.0 |
|                     | 15          | 231<br>(1,684)    | 13.8<br>11.9 - 15.7 | 151<br>(1,684)  | 8.9<br>7.5 - 10.3  | 12<br>(1,684)       | 0.7<br>0.3 - 1.2 |
|                     | 16          | 182<br>(1,522)    | 11.9<br>10.1 - 13.8 | 134<br>(1,522)  | 8.8<br>7.5 - 10.1  | 1<br>(1,522)        | 0.1<br>0.0 - 0.2 |
|                     | 17 or older | 183<br>(1,376)    | 13.3<br>11.4 - 15.2 | 95<br>(1,376)   | 6.9<br>5.5 - 8.3   | 5<br>(1,376)        | 0.4<br>0.0 - 0.7 |
| <b>By NZDep2006</b> | Low         | 308<br>(2,631)    | 11.7<br>10.6 - 12.8 | 224<br>(2,631)  | 8.5<br>7.4 - 9.6   | 7<br>(2,631)        | 0.3<br>0.1 - 0.5 |
|                     | Medium      | 343<br>(2,875)    | 12.0<br>10.5 - 13.5 | 268<br>(2,875)  | 9.3<br>8.3 - 10.3  | 18<br>(2,875)       | 0.6<br>0.3 - 0.9 |
|                     | High        | 304<br>(2,489)    | 12.2<br>10.8 - 13.7 | 237<br>(2,489)  | 9.5<br>8.0 - 10.9  | 18<br>(2,489)       | 0.7<br>0.4 - 1.1 |
| <b>By geography</b> | Urban       | 806<br>(6,776)    | 11.9<br>10.8 - 13.0 | 626<br>(6,776)  | 9.2<br>8.5 - 10.0  | 37<br>(6,776)       | 0.6<br>0.3 - 0.8 |
|                     | Rural       | 149<br>(1,219)    | 12.3<br>10.6 - 14.0 | 103<br>(1,219)  | 8.2<br>6.3 - 10.1  | 6<br>(1,219)        | 0.5<br>0.1 - 0.8 |

**Students received unwanted sexual material (including pornographic pictures, videos or words)**

|                     |             | On a mobile phone |                   | On the internet |                  | By letters or notes |                  |
|---------------------|-------------|-------------------|-------------------|-----------------|------------------|---------------------|------------------|
|                     |             | n<br>(N)          | %<br>95% CI       | n<br>(N)        | %<br>95% CI      | n<br>(N)            | %<br>95% CI      |
| <b>Total</b>        |             | 661<br>(8,093)    | 8.2<br>7.4 - 9.0  | 480<br>(8,093)  | 6.0<br>5.4 - 6.6 | 35<br>(8,093)       | 0.4<br>0.3 - 0.6 |
| <b>By sex</b>       | Male        | 259<br>(3,617)    | 7.2<br>6.1 - 8.3  | 222<br>(3,617)  | 6.2<br>5.2 - 7.2 | 20<br>(3,617)       | 0.5<br>0.3 - 0.8 |
|                     | Female      | 402<br>(4,474)    | 9.0<br>7.9 - 10.0 | 258<br>(4,474)  | 5.8<br>5.1 - 6.5 | 15<br>(4,474)       | 0.3<br>0.1 - 0.5 |
| <b>By age</b>       | 13 or less  | 117<br>(1,708)    | 6.8<br>5.5 - 8.2  | 96<br>(1,708)   | 5.6<br>4.6 - 6.6 | 10<br>(1,708)       | 0.6<br>0.2 - 0.9 |
|                     | 14          | 165<br>(1,792)    | 9.2<br>7.7 - 10.6 | 112<br>(1,792)  | 6.4<br>5.2 - 7.5 | 10<br>(1,792)       | 0.5<br>0.2 - 0.9 |
|                     | 15          | 155<br>(1,684)    | 9.2<br>7.8 - 10.7 | 99<br>(1,684)   | 5.9<br>4.7 - 7.0 | 9<br>(1,684)        | 0.5<br>0.2 - 0.9 |
|                     | 16          | 125<br>(1,523)    | 8.2<br>6.8 - 9.7  | 96<br>(1,523)   | 6.3<br>5.0 - 7.7 | 1<br>(1,523)        | 0.1<br>0.0 - 0.2 |
|                     | 17 or older | 99<br>(1,376)     | 7.1<br>5.8 - 8.5  | 76<br>(1,376)   | 5.6<br>4.2 - 7.0 | 5<br>(1,376)        | 0.4<br>0.0 - 0.7 |
| <b>By NZDep2006</b> | Low         | 206<br>(2,631)    | 7.8<br>6.7 - 8.8  | 146<br>(2,631)  | 5.6<br>4.6 - 6.6 | 5<br>(2,631)        | 0.2<br>0.0 - 0.3 |
|                     | Medium      | 207<br>(2,877)    | 7.2<br>6.1 - 8.4  | 155<br>(2,877)  | 5.4<br>4.5 - 6.3 | 10<br>(2,877)       | 0.3<br>0.1 - 0.6 |
|                     | High        | 237<br>(2,491)    | 9.6<br>8.3 - 10.8 | 168<br>(2,491)  | 6.8<br>5.8 - 7.8 | 19<br>(2,491)       | 0.8<br>0.4 - 1.1 |
| <b>By geography</b> | Urban       | 543<br>(6,780)    | 8.0<br>7.1 - 8.9  | 415<br>(6,780)  | 6.1<br>5.5 - 6.8 | 32<br>(6,780)       | 0.5<br>0.3 - 0.6 |
|                     | Rural       | 107<br>(1,219)    | 8.8<br>6.8 - 10.7 | 54<br>(1,219)   | 4.5<br>3.2 - 5.9 | 2<br>(1,219)        | 0.1<br>0.0 - 0.3 |

## Sexual Abuse or Coercion

|                     |             | Ever been touched in a sexual way or made to do unwanted sexual things <sup>1</sup> |                     | Experienced sexual abuse and have NOT told anyone about the sexual abuse <sup>2</sup> |                     | The last unwanted sexual experience was pretty bad, really bad or terrible <sup>2</sup> |                     |
|---------------------|-------------|---|---------------------|---|---------------------|---|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 1,183<br>(7,988)  | 14.8<br>13.7 - 15.9 | 455<br>(798)  | 57.0<br>53.4 - 60.5 | 298<br>(808)  | 36.7<br>33.2 - 40.2 |
| <b>By sex</b>       | Male        | 328<br>(3,612)  | 9.0<br>7.9 - 10.2   | 126<br>(178)  | 70.7<br>64.4 - 77.0 | 046<br>(184)  | 24.9<br>17.7 - 32.1 |
|                     | Female      | 853<br>(4,374)  | 19.5<br>18.2 - 20.8 | 327<br>(618)  | 52.9<br>49.3 - 56.4 | 251<br>(622)  | 40.1<br>36.1 - 44.1 |
| <b>By age</b>       | 13 or less  | 202<br>(1,717)  | 11.8<br>9.9 - 13.6  | 66<br>(115)   | 57.6<br>50.5 - 64.6 | 39<br>(116)   | 33.3<br>25.2 - 41.4 |
|                     | 14          | 250<br>(1,793)  | 13.9<br>12.0 - 15.8 | 92<br>(152)   | 60.6<br>52.5 - 68.6 | 52<br>(156)   | 33.1<br>26.0 - 40.3 |
|                     | 15          | 272<br>(1,646)  | 16.5<br>14.2 - 18.9 | 116<br>(185)  | 62.5<br>55.3 - 69.6 | 65<br>(186)   | 35.2<br>29.1 - 41.2 |
|                     | 16          | 234<br>(1,490)  | 15.7<br>13.9 - 17.5 | 94<br>(175)   | 53.6<br>45.9 - 61.3 | 69<br>(177)   | 38.8<br>32.5 - 45.1 |
|                     | 17 or older | 225<br>(1,333)  | 16.7<br>14.2 - 19.1 | 87<br>(171)   | 50.8<br>44.2 - 57.4 | 73<br>(173)   | 41.7<br>33.9 - 49.5 |
| <b>By NZDep2006</b> | Low         | 339<br>(2,631)  | 12.8<br>11.3 - 14.2 | 114<br>(222)  | 51.1<br>44.1 - 58.1 | 66<br>(222)   | 29.6<br>24.2 - 35.0 |
|                     | Medium      | 375<br>(2,846)  | 13.2<br>11.8 - 14.5 | 156<br>(259)  | 60.2<br>54.2 - 66.1 | 108<br>(265)  | 40.5<br>33.9 - 47.1 |
|                     | High        | 448<br>(2,422)  | 18.6<br>16.6 - 20.6 | 176<br>(301)  | 58.6<br>52.6 - 64.7 | 122<br>(305)  | 39.7<br>33.9 - 45.6 |
| <b>By geography</b> | Urban       | 995<br>(6,693)  | 14.8<br>13.6 - 16.1 | 382<br>(667)  | 57.2<br>53.3 - 61.1 | 251<br>(676)  | 37.0<br>33.3 - 40.7 |
|                     | Rural       | 167<br>(1,206)  | 13.8<br>11.6 - 16.0 | 64<br>(115)   | 56.0<br>45.7 - 66.3 | 45<br>(116)   | 38.2<br>29.3 - 47.2 |

### Notes:

1. Includes students who responded 'Yes' or 'Not Sure' to 'Have you ever been touched in a sexual way or made to do sexual things that you did not want to do?'. Excludes students who said they did not want to answer the question.
2. Among students who have ever reported being touched in a sexual way or made to do sexual things that they didn't want to do. Excludes students who indicated 'not sure' or 'I don't want to answer this question.'

# Violence Comparisons 2001 – 2012

## Witnessing and experiencing violence

| Witnessed adults in your home hitting or physically hurting a child in the last 12 months <sup>1</sup> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>   |        | 1,431<br>(8,941) | 16.0<br>14.8 - 17.2 | 1,439<br>(8,626) | 16.6<br>15.0 - 18.3 | 1,132<br>(8,164) | 13.9<br>12.4 - 15.4 |
| <b>By sex</b>  | Male   | 605<br>(4,060)   | 14.9<br>13.5 - 16.3 | 741<br>(4,638)   | 16.0<br>13.9 - 18.1 | 476<br>(3,698)   | 12.9<br>11.5 - 14.3 |
|  | Female | 826<br>(4,881)   | 16.9<br>15.3 - 18.5 | 698<br>(3,988)   | 17.4<br>15.7 - 19.2 | 654<br>(4,464)   | 14.6<br>12.5 - 16.8 |

| Witnessed adults in your home hitting or physically hurting each other in the last 12 months <sup>2</sup> |        | 2001           |                  | 2007           |                     | 2012           |                  |
|---|--------|----------------|------------------|----------------|---------------------|----------------|------------------|
|   |        | n (N)          | % 95% CI         | n (N)          | % 95% CI            | n (N)          | % 95% CI         |
| <b>Total</b>  |        | 497<br>(8,939) | 5.6<br>4.8 - 6.4 | 901<br>(8,624) | 10.4<br>9.4 - 11.5  | 608<br>(8,177) | 7.4<br>6.5 - 8.4 |
| <b>By sex</b>   | Male   | 188<br>(4,055) | 4.7<br>3.8 - 5.6 | 446<br>(4,630) | 9.6<br>8.4 - 10.9   | 265<br>(3,705) | 7.2<br>6.3 - 8.1 |
|   | Female | 309<br>(4,884) | 6.4<br>5.3 - 7.5 | 455<br>(3,994) | 11.4<br>10.0 - 12.7 | 342<br>(4,470) | 7.7<br>6.2 - 9.1 |

| Hit or physically harmed by another person on purpose one or more times in the last 12 months <sup>3</sup> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>   |        | 4,127<br>(9,165) | 44.9<br>42.9 - 46.9 | 3,630<br>(8,818) | 41.1<br>39.0 - 43.3 | 2,409<br>(8,417) | 28.6<br>26.8 - 30.5 |
| <b>By sex</b>  | Male   | 2,137<br>(4,157) | 51.1<br>48.5 - 53.7 | 2,273<br>(4,749) | 47.9<br>45.5 - 50.2 | 1,308<br>(3,832) | 34.1<br>31.6 - 36.6 |
|  | Female | 1,990<br>(5,008) | 39.7<br>37.9 - 41.5 | 1,357<br>(4,069) | 33.2<br>31.5 - 35.0 | 1,100<br>(4,583) | 24.0<br>22.5 - 25.5 |

### Notes:

1. The question was slightly different in 2001, 2007 and 2012. In 2001, the students were asked, 'During the last 12 months how many times have you seen an adult in your home hitting or physically hurting a child?' In 2007, students were asked, 'In the last 12 months how many times have you seen adults in your home hitting or physically hurting a child (other than yourself)?' In 2012, students were asked, 'In the last 12 months have adults in your home hit or physically hurt a child (other than yourself)?' Response options in 2001 were also slightly different.
2. The question was slightly different in 2001, 2007 and 2012. In 2001, the students were asked, 'During the last 12 months how many times have you seen an adult in your home hitting or physically hurting another adult?' In 2007, students were asked, 'In the last 12 months how many times have you seen adults in your home hitting or physically hurting each other?' In 2012, students were asked, 'In the last 12 months have adults in your home hit or physically hurt each other?' Response options in 2001 were also slightly different.
3. In 2007/2012, there was a screening question which allowed students to indicate they had never been hit or physically harmed by another person on purpose. This screening question was not asked in 2001.

## Anti-social behaviours

| Been in a serious physical fight in the last 12 months                                |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total   |        | 1,886<br>(9,096) | 20.6<br>19.1 - 22.2 | 1,742<br>(8,824) | 19.7<br>18.0 - 21.4 | 1,185<br>(8,388) | 14.1<br>12.5 - 15.7 |
| By sex  | Male   | 1,160<br>(4,121) | 27.9<br>26.0 - 29.8 | 1,242<br>(4,745) | 26.2<br>24.3 - 28.0 | 745<br>(3,810)   | 19.6<br>17.7 - 21.4 |
|   | Female | 726<br>(4,975)   | 14.5<br>13.0 - 16.0 | 500<br>(4,079)   | 12.2<br>10.8 - 13.5 | 439<br>(4,576)   | 9.6<br>8.0 - 11.1   |
| Carried a weapon in the last 12 months (e.g. a knife), thinking about harming someone |        | 2001             |                     | 2007             |                     | 2012             |                     |
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total   |        | 526<br>(9,101)   | 5.8<br>5.1 - 6.4    | 565<br>(8,807)   | 6.4<br>5.7 - 7.1    | 279<br>(8,388)   | 3.3<br>2.7 - 3.9    |
| By sex  | Male   | 352<br>(4,121)   | 8.5<br>7.5 - 9.5    | 445<br>(4,732)   | 9.4<br>8.3 - 10.5   | 189<br>(3,810)   | 4.9<br>3.9 - 5.9    |
|   | Female | 174<br>(4,980)   | 3.5<br>2.8 - 4.1    | 120<br>(4,075)   | 2.9<br>2.3 - 3.5    | 90<br>(4,576)    | 2.0<br>1.4 - 2.5    |

## Sexual abuse or coercion

| Ever been touched in a sexual way or made to do unwanted sexual things <sup>1</sup> |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| Total   |        | 1,811<br>(8,728) | 20.7<br>19.4 - 21.9 | 1,237<br>(7,795) | 15.9<br>14.5 - 17.2 | 1,183<br>(7,988) | 14.8<br>13.7 - 15.9 |
| By sex  | Male   | 544<br>(3,957)   | 13.9<br>12.6 - 15.3 | 361<br>(4,153)   | 8.7<br>7.6 - 9.8    | 328<br>(3,612)   | 9.0<br>7.7 - 10.4   |
|   | Female | 1,267<br>(4,771) | 26.4<br>24.8 - 27.9 | 876<br>(3,642)   | 24.0<br>22.7 - 25.4 | 853<br>(4,374)   | 19.5<br>18.3 - 20.7 |

1. Although the question remained the same in each survey year the response options were different in 2001 compared to 2007 and 2012. In 2001, students were able to select from the following options: 'Never, One or two times, Sometimes, Often, Maybe, Not sure.' In 2007 and 2012, the response options were: 'Yes, No, Not sure, I don't want to answer this question.'

## Telling someone about sexual abuse

| Experienced sexual abuse and have NOT TOLD anyone about the sexual abuse <sup>1</sup> |        | 2001           |                     | 2007           |                     | 2012         |                     |
|---|--------|----------------|---------------------|----------------|---------------------|--------------|---------------------|
|   |        | n (N)          | % 95% CI            | n (N)          | % 95% CI            | n (N)        | % 95% CI            |
| Total   |        | 936<br>(1,810) | 51.7<br>49.0 - 54.4 | 723<br>(1,125) | 64.4<br>61.2 - 67.5 | 455<br>(798) | 57.0<br>53.4 - 60.5 |
| By sex  | Male   | 348<br>(544)   | 64.1<br>59.9 - 68.3 | 226<br>(293)   | 77.2<br>72.3 - 82.2 | 126<br>(178) | 70.7<br>64.4 - 77.0 |
|   | Female | 588<br>(1,266) | 46.2<br>43.2 - 49.2 | 497<br>(832)   | 59.8<br>56.3 - 63.3 | 327<br>(618) | 52.9<br>49.3 - 56.4 |

### Notes:

1. Among students who reported they had had unwanted sexual experiences. Excludes those who responded with 'No, Maybe, Not sure, or I don't want to answer this question.'

# Neighbourhood, Community and Employment

This section includes questions about young people's ability to participate and contribute in their communities, their connections to spirituality, churches and other organisations and socialising with friends.

## Employment

### Student employment in the last 12 months<sup>1</sup>

|                     | Paid employment                           |                     |                       |                     |                                    |                     | Unpaid employment  |                     |  |                     |
|---------------------|---|---------------------|-----------------------|---------------------|------------------------------------|---------------------|--------------------|---------------------|--|---------------------|
|                     | Any paid employment in the last 12 months |                     | Regular part-time job |                     | Occasional work during school term |                     | School holiday job |                     | Worked in a family business for no pay |                     |
|                     | n (N)                                     | % 95% CI            | n (N)                 | % 95% CI            | n (N)                              | % 95% CI            | n (N)              | % 95% CI            | n (N)                                  | % 95% CI            |
| <b>Total</b>        | 3,941 (8,155)                             | 48.3<br>44.7 - 52.0 | 2,143 (8,155)         | 26.2<br>23.8 - 28.6 | 1,201 (8,155)                      | 14.7<br>13.2 - 16.2 | 1,565 (8,155)      | 19.2<br>17.7 - 20.8 | 1,579 (8,157)                          | 19.4<br>17.5 - 21.2 |
| <b>By sex</b>       |   |                     |                       |                     |                                    |                     |                    |                     |  |                     |
| Male                | 1,858 (3,664)                             | 50.8<br>47.2 - 54.4 | 981 (3,664)           | 26.7<br>24.2 - 29.1 | 553 (3,664)                        | 15.1<br>13.5 - 16.7 | 808 (3,664)        | 22.1<br>20.0 - 24.3 | 813 (3,670)                            | 22.3<br>19.5 - 25.0 |
| Female              | 2,082 (4,490)                             | 46.3<br>41.8 - 50.8 | 1,161 (4,490)         | 25.9<br>22.9 - 28.8 | 648 (4,490)                        | 14.4<br>12.5 - 16.3 | 757 (4,490)        | 16.8<br>15.1 - 18.6 | 766 (4,485)                            | 17.0<br>15.2 - 18.8 |
| <b>By age</b>       |   |                     |                       |                     |                                    |                     |                    |                     |  |                     |
| 13 or less          | 642 (1,743)                               | 36.7<br>33.0 - 40.3 | 269 (1,743)           | 15.3<br>13.2 - 17.5 | 233 (1,743)                        | 13.3<br>11.4 - 15.3 | 270 (1,743)        | 15.5<br>13.3 - 17.7 | 337 (1,746)                            | 19.2<br>16.6 - 21.9 |
| 14                  | 750 (1,827)                               | 41.0<br>37.1 - 45.0 | 349 (1,827)           | 18.9<br>16.6 - 21.2 | 269 (1,827)                        | 14.7<br>12.6 - 16.9 | 304 (1,827)        | 16.7<br>14.6 - 18.9 | 363 (1,831)                            | 19.9<br>17.4 - 22.5 |
| 15                  | 845 (1,682)                               | 50.2<br>46.2 - 54.3 | 416 (1,682)           | 24.6<br>21.9 - 27.3 | 286 (1,682)                        | 17.0<br>14.6 - 19.4 | 354 (1,682)        | 21.0<br>18.8 - 23.3 | 344 (1,685)                            | 20.5<br>18.1 - 22.8 |
| 16                  | 861 (1,519)                               | 56.8<br>52.1 - 61.5 | 507 (1,519)           | 33.5<br>29.6 - 37.3 | 226 (1,519)                        | 14.8<br>12.6 - 17.1 | 361 (1,519)        | 23.7<br>21.2 - 26.3 | 288 (1,514)                            | 18.9<br>16.3 - 21.4 |
| 17 or older         | 838 (1,374)                               | 61.0<br>55.7 - 66.3 | 600 (1,374)           | 43.7<br>38.4 - 48.9 | 183 (1,374)                        | 13.3<br>11.2 - 15.4 | 273 (1,374)        | 19.9<br>17.7 - 22.1 | 245 (1,371)                            | 17.9<br>15.5 - 20.2 |
| <b>By NZDep2006</b> |   |                     |                       |                     |                                    |                     |                    |                     |  |                     |
| Low                 | 1,464 (2,664)                             | 55.0<br>51.7 - 58.3 | 802 (2,664)           | 30.0<br>27.5 - 32.6 | 480 (2,664)                        | 18.0<br>16.4 - 19.6 | 561 (2,664)        | 21.0<br>19.0 - 23.1 | 540 (2,662)                            | 20.4<br>17.7 - 23.0 |
| Medium              | 1,505 (2,923)                             | 51.5<br>47.9 - 55.0 | 839 (2,923)           | 28.7<br>26.3 - 31.1 | 439 (2,923)                        | 15.0<br>13.0 - 17.0 | 583 (2,923)        | 20.0<br>18.1 - 21.8 | 591 (2,923)                            | 20.1<br>18.0 - 22.2 |
| High                | 929 (2,479)                               | 37.4<br>32.2 - 42.6 | 482 (2,479)           | 19.3<br>16.3 - 22.3 | 271 (2,479)                        | 10.9<br>8.6 - 13.2  | 399 (2,479)        | 16.2<br>13.7 - 18.6 | 424 (2,480)                            | 17.1<br>14.6 - 19.6 |
| <b>By geography</b> |   |                     |                       |                     |                                    |                     |                    |                     |  |                     |
| Urban               | 3,120 (6,830)                             | 45.6<br>41.9 - 49.4 | 1,782 (6,830)         | 26.0<br>23.3 - 28.8 | 910 (6,830)                        | 13.3<br>12.0 - 14.7 | 1,166 (6,830)      | 17.1<br>15.8 - 18.3 | 1,088 (6,830)                          | 16.0<br>14.6 - 17.3 |
| Rural               | 778 (1,236)                               | 63.4<br>59.8 - 67.0 | 341 (1,236)           | 27.6<br>24.7 - 30.5 | 280 (1,236)                        | 22.7<br>20.0 - 25.5 | 377 (1,236)        | 30.8<br>27.4 - 34.2 | 467 (1,235)                            | 37.9<br>34.5 - 41.3 |

Note:

1. Students could choose more than one response option.

## Employment characteristics

|                     |             | Worked in the last 7 days <sup>1</sup> |                     | Worked for less than 10 hours in the last 7 days <sup>2</sup> |                     | Worked 20 hours or more in the last 7 days <sup>2</sup> |                   | Was injured at work in the last 12 months <sup>3</sup> |                     |
|---------------------|-------------|--|---------------------|---|---------------------|---|-------------------|--|---------------------|
|                     |             | n (N)                                  | % 95% CI            | n (N)   | % 95% CI            | n (N)   | % 95% CI          | n (N)  | % 95% CI            |
| <b>Total</b>        |             | 1,562 (8,152)                          | 19.2<br>17.1 - 21.2 | 1,168 (1,558)   | 74.9<br>72.6 - 77.1 | 079 (1,558)   | 5.1<br>3.9 - 6.3  | 448 (4,381)  | 10.2<br>9.3 - 11.2  |
| <b>By sex</b>       | Male        | 755 (3,672)                            | 20.5<br>18.5 - 22.6 | 563 (751)   | 74.9<br>71.6 - 78.3 | 044 (751)   | 5.9<br>4.0 - 7.8  | 219 (2,058)  | 10.6<br>9.3 - 11.9  |
|                     | Female      | 806 (4,479)                            | 18.0<br>15.4 - 20.6 | 604 (806)   | 74.8<br>71.6 - 78.0 | 035 (806)   | 4.4<br>2.9 - 5.8  | 229 (2,322)  | 9.9<br>8.6 - 11.2   |
| <b>By age</b>       | 13 or less  | 262 (1,738)                            | 15.0<br>12.4 - 17.7 | 223 (260)   | 85.6<br>81.1 - 90.2 | 08 (260)  | 3.2<br>0.6 - 5.8  | 53 (741)   | 7.1<br>5.1 - 9.1    |
|                     | 14          | 289 (1,827)                            | 15.7<br>13.4 - 18.1 | 237 (289)   | 81.8<br>77.8 - 85.7 | 13 (289)  | 4.5<br>2.2 - 6.9  | 71 (868)   | 8.3<br>6.3 - 10.2   |
|                     | 15          | 323 (1,684)                            | 19.1<br>16.7 - 21.6 | 267 (321)   | 83.1<br>78.6 - 87.6 | 08 (321)  | 2.5<br>0.6 - 4.4  | 84 (930)   | 9.0<br>7.3 - 10.7   |
|                     | 16          | 332 (1,518)                            | 21.9<br>19.1 - 24.8 | 221 (332)   | 66.8<br>61.6 - 71.9 | 23 (332)  | 6.9<br>4.3 - 9.5  | 120 (938)  | 12.8<br>10.4 - 15.2 |
|                     | 17 or older | 353 (1,375)                            | 25.8<br>21.7 - 29.8 | 217 (353)   | 61.4<br>55.6 - 67.1 | 27 (353)  | 7.6<br>4.4 - 10.8 | 120 (897)  | 13.4<br>10.8 - 16.1 |
| <b>By NZDep2006</b> | Low         | 566 (2,665)                            | 21.2<br>18.7 - 23.7 | 429 (565)   | 76.0<br>72.3 - 79.7 | 20 (565)  | 3.5<br>1.5 - 5.6  | 149 (1,606)  | 9.3<br>7.8 - 10.7   |
|                     | Medium      | 600 (2,920)                            | 20.5<br>17.8 - 23.1 | 443 (600)   | 73.7<br>69.7 - 77.8 | 31 (600)  | 5.2<br>3.4 - 7.0  | 173 (1,662)  | 10.5<br>8.7 - 12.2  |
|                     | High        | 373 (2,476)                            | 15.2<br>12.7 - 17.7 | 277 (370)   | 74.5<br>69.8 - 79.2 | 26 (370)  | 7.1<br>4.3 - 9.9  | 118 (1,060)  | 11.2<br>9.3 - 13.1  |
| <b>By geography</b> | Urban       | 1,208 (6,825)                          | 17.7<br>15.7 - 19.7 | 895 (1,204)   | 74.3<br>71.8 - 76.8 | 057 (1,204)   | 4.8<br>3.5 - 6.0  | 334 (3,439)  | 9.7<br>8.6 - 10.8   |
|                     | Rural       | 331 (1,236)                            | 26.9<br>23.5 - 30.3 | 254 (331)   | 76.6<br>71.5 - 81.6 | 20 (331)  | 6.0<br>3.0 - 9.0  | 106 (889)  | 12.2<br>10.1 - 14.3 |

### Notes:

1. Among all students; employment includes both paid employment and work in a family business without pay.
2. Among students with paid employment or who worked in a family business without pay in the last 7 days.
3. Among students with paid employment or who worked in a family business without pay in the last 12 months.

# Friends, Neighbourhood and Community

## Relationships with friends

|                     |             | Have fun with their friends some or all of the time |                     | Have a friend or friends they can talk to about anything |                     | Have friends who help and look out for them all or some of the time |                     | Friends care about them a lot |                     |
|---------------------|-------------|---|---------------------|--|---------------------|---|---------------------|-------------------------------|---------------------|
|                     |             | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)                         | % 95% CI            |
| <b>Total</b>        |             | 7,974<br>(8,059)                                    | 98.9<br>98.7 - 99.2 | 7,463<br>(8,171)   | 91.4<br>90.7 - 92.1 | 7,794<br>(8,060)  | 96.7<br>96.3 - 97.1 | 5,427<br>(8,183)              | 66.3<br>64.8 - 67.9 |
| <b>By sex</b>       | Male        | 3,555<br>(3,602)                                    | 98.7<br>98.3 - 99.1 | 3,270<br>(3,676)   | 89.1<br>88.0 - 90.1 | 3,445<br>(3,603)  | 95.6<br>95.0 - 96.2 | 2,147<br>(3,682)              | 58.5<br>56.8 - 60.2 |
|                     | Female      | 4,417<br>(4,455)                                    | 99.1<br>98.9 - 99.4 | 4,191<br>(4,493)   | 93.3<br>92.5 - 94.1 | 4,347<br>(4,455)  | 97.6<br>97.2 - 98.0 | 3,278<br>(4,499)              | 72.8<br>71.4 - 74.2 |
| <b>By age</b>       | 13 or less  | 1,717<br>(1,733)                                    | 99.1<br>98.6 - 99.5 | 1,604<br>(1,761)   | 91.1<br>89.9 - 92.4 | 1,675<br>(1,734)  | 96.6<br>95.6 - 97.6 | 1,123<br>(1,767)              | 63.4<br>60.6 - 66.2 |
|                     | 14          | 1,787<br>(1,810)                                    | 98.8<br>98.1 - 99.4 | 1,656<br>(1,837)   | 90.3<br>88.9 - 91.6 | 1,746<br>(1,810)  | 96.5<br>95.3 - 97.6 | 1,184<br>(1,837)              | 64.6<br>61.6 - 67.5 |
|                     | 15          | 1,640<br>(1,652)                                    | 99.3<br>98.9 - 99.6 | 1,513<br>(1,680)   | 90.1<br>88.8 - 91.4 | 1,606<br>(1,652)  | 97.2<br>96.4 - 98.0 | 1,110<br>(1,684)              | 65.9<br>63.3 - 68.4 |
|                     | 16          | 1,479<br>(1,498)                                    | 98.7<br>98.2 - 99.3 | 1,395<br>(1,511)   | 92.3<br>90.7 - 93.9 | 1,440<br>(1,498)  | 96.1<br>95.2 - 97.0 | 1,034<br>(1,512)              | 68.5<br>65.8 - 71.1 |
|                     | 17 or older | 1,342<br>(1,356)                                    | 99.0<br>98.4 - 99.5 | 1,286<br>(1,372)   | 93.8<br>92.5 - 95.0 | 1,317<br>(1,356)  | 97.1<br>96.3 - 98.0 | 971<br>(1,373)                | 70.8<br>68.3 - 73.4 |
| <b>By NZDep2006</b> | Low         | 2,637<br>(2,655)                                    | 99.3<br>99.0 - 99.6 | 2,445<br>(2,677)   | 91.4<br>90.1 - 92.6 | 2,575<br>(2,655)  | 97.0<br>96.2 - 97.7 | 1,822<br>(2,677)              | 68.0<br>65.8 - 70.3 |
|                     | Medium      | 2,850<br>(2,884)                                    | 98.8<br>98.4 - 99.2 | 2,651<br>(2,917)   | 90.9<br>90.0 - 91.9 | 2,779<br>(2,885)  | 96.3<br>95.7 - 97.0 | 1,946<br>(2,921)              | 66.7<br>64.6 - 68.9 |
|                     | High        | 2,406<br>(2,438)                                    | 98.7<br>98.3 - 99.1 | 2,290<br>(2,489)   | 92.1<br>90.9 - 93.3 | 2,359<br>(2,438)  | 96.8<br>96.1 - 97.4 | 1,604<br>(2,495)              | 64.2<br>61.5 - 66.9 |
| <b>By geography</b> | Urban       | 6,690<br>(6,761)                                    | 99.0<br>98.7 - 99.2 | 6,256<br>(6,851)   | 91.4<br>90.6 - 92.1 | 6,528<br>(6,762)  | 96.5<br>96.2 - 96.9 | 4,535<br>(6,858)              | 66.1<br>64.3 - 67.9 |
|                     | Rural       | 1,203<br>(1,216)                                    | 98.9<br>98.3 - 99.6 | 1,130<br>(1,232)   | 91.8<br>90.3 - 93.4 | 1,185<br>(1,216)  | 97.5<br>96.5 - 98.4 | 837<br>(1,235)                | 68.0<br>65.3 - 70.8 |



## Participation in their Community

|                     | Student gave their time to help others in the community in the last 12 months <sup>1</sup> |      |             | Student belongs to a community run group <sup>2</sup> |      |             | Student belongs to a church group |      |             | Student belongs to a community sports team or group |      |             | Student belongs to a volunteer group <sup>3</sup> |     |            |
|---------------------|--|------|-------------|---|------|-------------|-----------------------------------|------|-------------|---|------|-------------|---|-----|------------|
|                     | n (N)  | %    | 95% CI      | n (N)   | %    | 95% CI      | n (N)                             | %    | 95% CI      | n (N)   | %    | 95% CI      | n (N)   | %   | 95% CI     |
| <b>Total</b>        | 1,848<br>(6,611)   | 27.8 | 26.1 - 29.5 | 5,465<br>(8,069)                                      | 67.7 | 66.2 - 69.2 | 1,829<br>(8,069)                  | 22.5 | 19.5 - 25.6 | 3,587<br>(8,069)                                    | 44.5 | 42.0 - 47.0 | 468<br>(8,069)                                    | 5.8 | 5.1 - 6.5  |
| <b>By sex</b>       |  |      |             |   |      |             |                                   |      |             |   |      |             |   |     |            |
| Male                | 775<br>(2,886)   | 26.7 | 24.4 - 28.9 | 2,462<br>(3,607)                                      | 68.3 | 66.2 - 70.4 | 717<br>(3,607)                    | 19.7 | 16.7 - 22.6 | 1,813<br>(3,607)                                    | 50.4 | 47.6 - 53.2 | 164<br>(3,607)                                    | 4.5 | 3.8 - 5.3  |
| Female              | 1,071<br>(3,723)   | 28.7 | 26.8 - 30.5 | 3,001<br>(4,460)                                      | 67.2 | 65.5 - 69.0 | 1,111<br>(4,460)                  | 24.8 | 20.9 - 28.8 | 1,774<br>(4,460)                                    | 39.8 | 36.5 - 43.0 | 304<br>(4,460)                                    | 6.8 | 6.0 - 7.7  |
| <b>By age</b>       |  |      |             |   |      |             |                                   |      |             |   |      |             |   |     |            |
| 13 or less          | 287<br>(1,276)   | 22.3 | 19.7 - 25.0 | 1,170<br>(1,732)                                      | 67.5 | 65.0 - 70.0 | 384<br>(1,732)                    | 22.1 | 18.6 - 25.5 | 820<br>(1,732)                                      | 47.3 | 44.1 - 50.6 | 61<br>(1,732)                                     | 3.4 | 2.5 - 4.3  |
| 14                  | 367<br>(1,450)   | 25.1 | 22.2 - 28.0 | 1,252<br>(1,808)                                      | 69.3 | 66.7 - 71.8 | 411<br>(1,808)                    | 22.6 | 19.1 - 26.1 | 857<br>(1,808)                                      | 47.6 | 44.1 - 51.1 | 75<br>(1,808)                                     | 4.2 | 3.3 - 5.1  |
| 15                  | 401<br>(1,377)   | 28.9 | 26.2 - 31.7 | 1,136<br>(1,658)                                      | 68.6 | 66.1 - 71.1 | 408<br>(1,658)                    | 24.4 | 21.1 - 27.7 | 756<br>(1,658)                                      | 45.7 | 42.7 - 48.7 | 88<br>(1,658)                                     | 5.4 | 4.2 - 6.5  |
| 16                  | 403<br>(1,284)   | 31.3 | 28.2 - 34.3 | 1,009<br>(1,494)                                      | 67.5 | 64.8 - 70.3 | 330<br>(1,494)                    | 21.9 | 18.3 - 25.6 | 623<br>(1,494)                                      | 41.7 | 38.2 - 45.2 | 108<br>(1,494)                                    | 7.2 | 5.7 - 8.8  |
| 17 or older         | 389<br>(1,216)   | 31.9 | 28.8 - 35.0 | 891<br>(1,367)  | 65.1 | 62.2 - 68.1 | 296<br>(1,367)                    | 21.5 | 17.6 - 25.4 | 524<br>(1,367)                                      | 38.4 | 34.8 - 42.0 | 136<br>(1,367)                                    | 9.9 | 7.8 - 12.0 |
| <b>By NZDep2006</b> |  |      |             |   |      |             |                                   |      |             |   |      |             |   |     |            |
| Low                 | 530<br>(2,276)   | 23.2 | 21.5 - 25.0 | 1,860<br>(2,654)                                      | 70.1 | 68.4 - 71.8 | 439<br>(2,654)                    | 16.3 | 14.5 - 18.2 | 1,372<br>(2,654)                                    | 51.8 | 49.2 - 54.3 | 141<br>(2,654)                                    | 5.3 | 4.4 - 6.2  |
| Medium              | 690<br>(2,395)   | 28.7 | 26.7 - 30.8 | 1,911<br>(2,890)                                      | 66.1 | 63.8 - 68.4 | 580<br>(2,890)                    | 19.9 | 17.5 - 22.3 | 1,260<br>(2,890)                                    | 43.7 | 40.9 - 46.5 | 181<br>(2,890)                                    | 6.2 | 5.2 - 7.3  |
| High                | 612<br>(1,872)   | 32.4 | 29.5 - 35.2 | 1,635<br>(2,439)                                      | 67.1 | 64.7 - 69.5 | 794<br>(2,439)                    | 32.6 | 26.9 - 38.3 | 919<br>(2,439)                                      | 37.7 | 34.7 - 40.6 | 140<br>(2,439)                                    | 5.8 | 4.5 - 7.0  |
| <b>By geography</b> |  |      |             |   |      |             |                                   |      |             |   |      |             |   |     |            |
| Urban               | 1,565<br>(5,542)   | 28.2 | 26.3 - 30.0 | 4,577<br>(6,765)                                      | 67.6 | 66.1 - 69.2 | 1,656<br>(6,765)                  | 24.3 | 20.9 - 27.7 | 2,884<br>(6,765)                                    | 42.7 | 40.2 - 45.2 | 396<br>(6,765)                                    | 5.8 | 5.1 - 6.6  |
| Rural               | 267<br>(1,001)   | 26.2 | 22.8 - 29.5 | 829<br>(1,218)  | 68.2 | 64.7 - 71.7 | 157<br>(1,218)                    | 12.7 | 10.6 - 14.9 | 667<br>(1,218)                                      | 55.1 | 51.4 - 58.9 | 66<br>(1,218)                                     | 5.4 | 4.1 - 6.8  |

Notes:

1. For example, helping out on the marae or at church, or belonging to a volunteer organisation. Excludes those who responded, 'I don't know'.
2. A group, club or team which is not run by a student's school.
3. Includes environmental organisations, volunteer groups who help people with disabilities, people in hospitals, or young people.

## Community Support and Safety

|                     |             | Have an adult outside their family who they would feel okay talking to about a serious problem |                     | Trust people in their neighbourhood (always or sometimes) |                     | Like their neighbourhood (always or sometimes) |                     | Feel safe in their neighbourhood all the time |                     |
|---------------------|-------------|--|---------------------|---|---------------------|--|---------------------|---|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)   | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 4,744<br>(8,063)   | 58.9<br>57.3 - 60.4 | 6,738<br>(7,907)  | 85.2<br>83.7 - 86.6 | 6,968<br>(7,907)                               | 88.1<br>87.1 - 89.2 | 4,289<br>(7,907)                              | 54.2<br>52.4 - 56.0 |
| <b>By sex</b>       | Male        | 2,056<br>(3,610)   | 57.0<br>54.8 - 59.2 | 3,020<br>(3,513)  | 85.9<br>84.6 - 87.3 | 3,098<br>(3,513)                               | 88.3<br>87.1 - 89.4 | 1,964<br>(3,513)                              | 55.9<br>53.7 - 58.1 |
|                     | Female      | 2,686<br>(4,451)   | 60.4<br>58.3 - 62.4 | 3,717<br>(4,392)  | 84.6<br>82.5 - 86.6 | 3,869<br>(4,392)                               | 88.1<br>86.6 - 89.5 | 2,325<br>(4,392)                              | 52.9<br>50.6 - 55.2 |
| <b>By age</b>       | 13 or less  | 949<br>(1,739)   | 54.6<br>52.1 - 57.1 | 1,458<br>(1,687)  | 86.3<br>84.6 - 87.9 | 1,493<br>(1,687)                               | 88.4<br>86.6 - 90.3 | 933<br>(1,687)                                | 55.3<br>52.4 - 58.1 |
|                     | 14          | 1,048<br>(1,807)   | 57.9<br>55.3 - 60.4 | 1,519<br>(1,778)  | 85.5<br>83.5 - 87.4 | 1,556<br>(1,778)                               | 87.6<br>86.0 - 89.1 | 980<br>(1,778)                                | 55.1<br>52.7 - 57.5 |
|                     | 15          | 951<br>(1,653)   | 57.6<br>54.8 - 60.4 | 1,365<br>(1,621)  | 84.2<br>82.1 - 86.3 | 1,429<br>(1,621)                               | 88.1<br>86.7 - 89.5 | 850<br>(1,621)                                | 52.5<br>50.2 - 54.8 |
|                     | 16          | 907<br>(1,494)   | 60.8<br>58.1 - 63.5 | 1,240<br>(1,468)  | 84.4<br>82.2 - 86.6 | 1,294<br>(1,468)                               | 88.2<br>86.3 - 90.2 | 792<br>(1,468)                                | 53.9<br>50.6 - 57.1 |
|                     | 17 or older | 882<br>(1,360)   | 65.0<br>61.7 - 68.3 | 1,147<br>(1,343)  | 85.4<br>82.7 - 88.1 | 1,187<br>(1,343)                               | 88.5<br>85.9 - 91.0 | 730<br>(1,343)                                | 54.3<br>51.5 - 57.1 |
| <b>By NZDep2006</b> | Low         | 1,612<br>(2,657)   | 60.6<br>58.5 - 62.8 | 2,445<br>(2,627)  | 93.0<br>92.1 - 94.0 | 2,465<br>(2,627)                               | 93.9<br>92.9 - 94.8 | 1,715<br>(2,627)                              | 65.3<br>62.9 - 67.7 |
|                     | Medium      | 1,704<br>(2,886)   | 59.1<br>56.8 - 61.3 | 2,467<br>(2,836)  | 87.0<br>85.5 - 88.5 | 2,512<br>(2,836)                               | 88.6<br>87.3 - 89.9 | 1,473<br>(2,836)                              | 51.9<br>49.5 - 54.3 |
|                     | High        | 1,377<br>(2,434)   | 56.6<br>54.0 - 59.3 | 1,757<br>(2,362)  | 74.2<br>71.9 - 76.4 | 1,920<br>(2,362)                               | 81.2<br>78.8 - 83.7 | 1,058<br>(2,362)                              | 44.6<br>40.6 - 48.7 |
| <b>By geography</b> | Urban       | 3,921<br>(6,761)   | 58.0<br>56.3 - 59.6 | 5,557<br>(6,625)  | 83.8<br>82.3 - 85.4 | 5,777<br>(6,625)                               | 87.2<br>86.0 - 88.4 | 3,418<br>(6,625)                              | 51.6<br>49.8 - 53.4 |
|                     | Rural       | 772<br>(1,216)   | 63.9<br>60.8 - 67.0 | 1,112<br>(1,200)  | 92.6<br>91.1 - 94.2 | 1,120<br>(1,200)                               | 93.4<br>92.1 - 94.8 | 828<br>(1,200)                                | 69.0<br>66.1 - 72.0 |

# Neighbourhood Facilities

Things to do within walking distance of students' home<sup>1</sup> (table 1 of 2)

|                     | A park        |                     |             | A youth centre      |               |                     | The movies    |                     |               | A skateboard ramp   |               |                     | A basketball court or hoop |          |       | A sports field |  |  |
|---------------------|---------------|---------------------|-------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|----------------------------|----------|-------|----------------|--|--|
|                     | n (N)         | % 95% CI            | n (N)       | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)         | % 95% CI            | n (N)                      | % 95% CI | n (N) | % 95% CI       |  |  |
| <b>Total</b>        | 5,690 (7,986) | 71.3<br>68.1 - 74.6 | 789 (7,986) | 9.8<br>8.6 - 11.0   | 2,038 (7,986) | 25.5<br>21.5 - 29.6 | 1,747 (7,986) | 21.8<br>19.4 - 24.2 | 2,724 (7,986) | 34.1<br>31.4 - 36.7 | 3,890 (7,986) | 48.7<br>46.3 - 51.2 |                            |          |       |                |  |  |
| <b>By sex</b>       |               |                     |             |                     |               |                     |               |                     |               |                     |               |                     |                            |          |       |                |  |  |
| Male                | 2,430 (3,567) | 68.1<br>64.2 - 72.0 | 346 (3,567) | 9.6<br>8.1 - 11.0   | 924 (3,567)   | 25.9<br>21.4 - 30.3 | 871 (3,567)   | 24.3<br>21.6 - 27.0 | 1,282 (3,567) | 35.8<br>32.3 - 39.2 | 1,879 (3,567) | 52.7<br>49.5 - 55.9 |                            |          |       |                |  |  |
| Female              | 3,259 (4,417) | 74.0<br>70.5 - 77.4 | 443 (4,417) | 9.9<br>8.6 - 11.3   | 1,114 (4,417) | 25.3<br>20.8 - 29.7 | 876 (4,417)   | 19.8<br>17.3 - 22.2 | 1,441 (4,417) | 32.6<br>29.9 - 35.4 | 2,011 (4,417) | 45.6<br>43.1 - 48.1 |                            |          |       |                |  |  |
| <b>By age</b>       |               |                     |             |                     |               |                     |               |                     |               |                     |               |                     |                            |          |       |                |  |  |
| 13 or less          | 1,212 (1,710) | 70.9<br>66.9 - 74.9 | 163 (1,710) | 9.4<br>7.9 - 11.0   | 413 (1,710)   | 24.2<br>19.5 - 28.9 | 378 (1,710)   | 22.0<br>18.7 - 25.3 | 596 (1,710)   | 34.8<br>31.0 - 38.5 | 840 (1,710)   | 49.1<br>46.2 - 52.1 |                            |          |       |                |  |  |
| 14                  | 1,272 (1,791) | 71.2<br>67.6 - 74.8 | 192 (1,791) | 10.6<br>8.8 - 12.5  | 427 (1,791)   | 23.8<br>19.5 - 28.0 | 372 (1,791)   | 20.7<br>17.7 - 23.6 | 617 (1,791)   | 34.3<br>31.3 - 37.4 | 855 (1,791)   | 47.8<br>44.7 - 50.9 |                            |          |       |                |  |  |
| 15                  | 1,184 (1,640) | 72.2<br>68.8 - 75.6 | 165 (1,640) | 9.9<br>8.2 - 11.6   | 434 (1,640)   | 26.5<br>22.4 - 30.6 | 377 (1,640)   | 22.8<br>20.2 - 25.4 | 572 (1,640)   | 34.8<br>31.2 - 38.5 | 794 (1,640)   | 48.4<br>45.4 - 51.4 |                            |          |       |                |  |  |
| 16                  | 1,056 (1,487) | 71.1<br>67.0 - 75.1 | 145 (1,487) | 9.7<br>8.0 - 11.4   | 425 (1,487)   | 28.5<br>23.5 - 33.4 | 337 (1,487)   | 22.6<br>19.3 - 25.9 | 508 (1,487)   | 34.1<br>30.9 - 37.3 | 742 (1,487)   | 49.9<br>46.1 - 53.7 |                            |          |       |                |  |  |
| 17 or older         | 959 (1,348)   | 71.3<br>67.3 - 75.3 | 123 (1,348) | 9.1<br>6.9 - 11.2   | 337 (1,348)   | 25.2<br>20.4 - 30.1 | 281 (1,348)   | 20.8<br>17.5 - 24.2 | 428 (1,348)   | 31.8<br>28.1 - 35.6 | 653 (1,348)   | 48.5<br>44.6 - 52.5 |                            |          |       |                |  |  |
| <b>By NZDep2006</b> |               |                     |             |                     |               |                     |               |                     |               |                     |               |                     |                            |          |       |                |  |  |
| Low                 | 1,782 (2,636) | 67.6<br>62.6 - 72.6 | 183 (2,636) | 6.9<br>5.6 - 8.2    | 679 (2,636)   | 25.7<br>20.7 - 30.7 | 534 (2,636)   | 20.3<br>16.8 - 23.7 | 791 (2,636)   | 29.9<br>26.7 - 33.1 | 1,219 (2,636) | 46.3<br>42.5 - 50.0 |                            |          |       |                |  |  |
| Medium              | 2,060 (2,858) | 72.2<br>68.2 - 76.2 | 274 (2,858) | 9.5<br>7.6 - 11.4   | 807 (2,858)   | 28.3<br>23.0 - 33.6 | 667 (2,858)   | 23.3<br>20.2 - 26.4 | 1,022 (2,858) | 35.8<br>32.2 - 39.4 | 1,488 (2,858) | 52.1<br>48.8 - 55.4 |                            |          |       |                |  |  |
| High                | 1,801 (2,407) | 75.1<br>71.6 - 78.6 | 328 (2,407) | 13.5<br>11.7 - 15.2 | 532 (2,407)   | 22.2<br>17.7 - 26.6 | 529 (2,407)   | 21.8<br>18.1 - 25.5 | 886 (2,407)   | 36.8<br>33.3 - 40.3 | 1,151 (2,407) | 47.9<br>45.2 - 50.6 |                            |          |       |                |  |  |
| <b>By geography</b> |               |                     |             |                     |               |                     |               |                     |               |                     |               |                     |                            |          |       |                |  |  |
| Urban               | 5,271 (6,703) | 78.7<br>76.4 - 80.9 | 718 (6,703) | 10.6<br>9.3 - 12.0  | 1,920 (6,703) | 28.6<br>23.9 - 33.3 | 1,564 (6,703) | 23.2<br>20.5 - 26.0 | 2,463 (6,703) | 36.7<br>33.9 - 39.5 | 3,511 (6,703) | 52.4<br>49.8 - 55.0 |                            |          |       |                |  |  |
| Rural               | 372 (1,198)   | 30.9<br>26.3 - 35.4 | 67 (1,198)  | 5.4<br>3.3 - 7.6    | 98 (1,198)    | 8.4<br>5.3 - 11.5   | 166 (1,198)   | 13.7<br>10.2 - 17.1 | 236 (1,198)   | 19.4<br>16.3 - 22.5 | 347 (1,198)   | 28.9<br>25.0 - 32.9 |                            |          |       |                |  |  |

Note:

1. Students could choose more than one response option

Continued...

Things to do within walking distance of students' home<sup>1</sup> (table 2 of 2)

|                     | A swimming pool or place to go swimming |                     |  | A gym         |                     |  | A bike track  |                     |  | A place to play video games |                     |  | Other         |                     |  | There is nothing to do around where I live |                     |  |
|---------------------|---|---------------------|--|---------------|---------------------|--|---------------|---------------------|--|-----------------------------|---------------------|--|---------------|---------------------|--|--|---------------------|--|
|                     | n (N)                                   | % 95% CI            |  | n (N)         | % 95% CI            |  | n (N)         | % 95% CI            |  | n (N)                       | % 95% CI            |  | n (N)         | % 95% CI            |  | n (N)                                      | % 95% CI            |  |
| <b>Total</b>        | 2,888 (7,986)                           | 36.1<br>33.1 - 39.1 |  | 2,133 (7,986) | 26.7<br>24.5 - 29.0 |  | 1,981 (7,986) | 24.8<br>22.3 - 27.3 |  | 953 (7,986)                 | 12.0<br>10.5 - 13.5 |  | 1,298 (7,986) | 16.3<br>15.3 - 17.2 |  | 992 (7,986)                                | 12.4<br>10.4 - 14.4 |  |
| <b>By sex</b>       |   |                     |  |               |                     |  |               |                     |  |                             |                     |  |               |                     |  |  |                     |  |
| Male                | 1,211 (3,567)                           | 33.8<br>30.4 - 37.3 |  | 1,003 (3,567) | 28.1<br>25.5 - 30.7 |  | 931 (3,567)   | 26.0<br>23.1 - 28.9 |  | 674 (3,567)                 | 18.9<br>17.3 - 20.6 |  | 578 (3,567)   | 16.2<br>14.8 - 17.7 |  | 408 (3,567)                                | 11.4<br>9.3 - 13.6  |  |
| Female              | 1,677 (4,417)                           | 37.9<br>34.8 - 41.0 |  | 1,130 (4,417) | 25.6<br>23.1 - 28.2 |  | 1,049 (4,417) | 23.8<br>20.9 - 26.7 |  | 279 (4,417)                 | 6.3<br>5.4 - 7.3    |  | 718 (4,417)   | 16.2<br>15.1 - 17.4 |  | 584 (4,417)                                | 13.1<br>10.7 - 15.5 |  |
| <b>By age</b>       |   |                     |  |               |                     |  |               |                     |  |                             |                     |  |               |                     |  |  |                     |  |
| 13 or less          | 607 (1,710)                             | 35.4<br>31.6 - 39.1 |  | 332 (1,710)   | 19.4<br>17.1 - 21.7 |  | 429 (1,710)   | 25.1<br>21.9 - 28.3 |  | 201 (1,710)                 | 11.9<br>9.7 - 14.0  |  | 370 (1,710)   | 21.6<br>19.7 - 23.6 |  | 166 (1,710)                                | 9.6<br>7.4 - 11.8   |  |
| 14                  | 625 (1,791)                             | 34.7<br>31.2 - 38.3 |  | 388 (1,791)   | 21.7<br>19.2 - 24.1 |  | 441 (1,791)   | 24.5<br>21.6 - 27.4 |  | 237 (1,791)                 | 13.3<br>11.2 - 15.4 |  | 340 (1,791)   | 19.0<br>16.9 - 21.1 |  | 208 (1,791)                                | 11.6<br>9.2 - 14.0  |  |
| 15                  | 591 (1,640)                             | 35.9<br>32.4 - 39.3 |  | 464 (1,640)   | 28.3<br>25.2 - 31.4 |  | 409 (1,640)   | 24.9<br>21.7 - 28.0 |  | 194 (1,640)                 | 11.8<br>10.0 - 13.6 |  | 237 (1,640)   | 14.4<br>12.9 - 15.9 |  | 211 (1,640)                                | 12.8<br>10.4 - 15.3 |  |
| 16                  | 579 (1,487)                             | 38.9<br>35.1 - 42.8 |  | 476 (1,487)   | 32.0<br>28.5 - 35.6 |  | 367 (1,487)   | 24.7<br>21.6 - 27.8 |  | 179 (1,487)                 | 12.0<br>9.7 - 14.3  |  | 189 (1,487)   | 12.7<br>11.0 - 14.5 |  | 216 (1,487)                                | 14.4<br>11.7 - 17.0 |  |
| 17 or older         | 483 (1,348)                             | 35.9<br>31.6 - 40.2 |  | 470 (1,348)   | 35.0<br>31.2 - 38.9 |  | 333 (1,348)   | 24.9<br>21.0 - 28.7 |  | 141 (1,348)                 | 10.5<br>8.3 - 12.8  |  | 160 (1,348)   | 11.9<br>10.3 - 13.5 |  | 190 (1,348)                                | 14.1<br>11.3 - 16.8 |  |
| <b>By NZDep2006</b> |   |                     |  |               |                     |  |               |                     |  |                             |                     |  |               |                     |  |  |                     |  |
| Low                 | 908 (2,636)                             | 34.4<br>30.5 - 38.2 |  | 646 (2,636)   | 24.5<br>21.0 - 28.1 |  | 710 (2,636)   | 27.0<br>24.6 - 29.4 |  | 272 (2,636)                 | 10.3<br>8.4 - 12.2  |  | 429 (2,636)   | 16.3<br>14.8 - 17.7 |  | 438 (2,636)                                | 16.6<br>13.1 - 20.1 |  |
| Medium              | 1,155 (2,858)                           | 40.4<br>36.3 - 44.5 |  | 808 (2,858)   | 28.3<br>25.4 - 31.2 |  | 789 (2,858)   | 27.6<br>24.9 - 30.4 |  | 352 (2,858)                 | 12.4<br>10.2 - 14.5 |  | 460 (2,858)   | 16.1<br>14.4 - 17.8 |  | 357 (2,858)                                | 12.4<br>10.0 - 14.8 |  |
| High                | 800 (2,407)                             | 33.1<br>29.7 - 36.5 |  | 662 (2,407)   | 27.5<br>25.0 - 30.0 |  | 463 (2,407)   | 19.1<br>15.4 - 22.8 |  | 318 (2,407)                 | 13.4<br>11.2 - 15.5 |  | 395 (2,407)   | 16.4<br>14.9 - 17.9 |  | 185 (2,407)                                | 7.6<br>5.9 - 9.2    |  |
| <b>By geography</b> |   |                     |  |               |                     |  |               |                     |  |                             |                     |  |               |                     |  |  |                     |  |
| Urban               | 2,501 (6,703)                           | 37.2<br>33.8 - 40.6 |  | 1,974 (6,703) | 29.4<br>27.1 - 31.8 |  | 1,692 (6,703) | 25.2<br>22.4 - 28.1 |  | 864 (6,703)                 | 12.9<br>11.2 - 14.6 |  | 1,054 (6,703) | 15.7<br>14.7 - 16.8 |  | 542 (6,703)                                | 8.1<br>6.8 - 9.3    |  |
| Rural               | 362 (1,198)                             | 30.3<br>26.6 - 33.9 |  | 142 (1,198)   | 11.9<br>8.7 - 15.1  |  | 270 (1,198)   | 22.6<br>18.7 - 26.6 |  | 78 (1,198)                  | 6.7<br>4.9 - 8.5    |  | 230 (1,198)   | 19.1<br>16.4 - 21.9 |  | 438 (1,198)                                | 36.6<br>32.0 - 41.1 |  |

Note:

1. Students could choose more than one response option.

**Neighbourhood concerns<sup>1</sup> (table 1 of 3)**

|                      | There are not enough footpaths |                  | Footpaths are rough and broken |                  | There is too much traffic |                    | There are steep hills |                    | There is not enough street lighting |                     | There's no-one around |                    | No-one cares about how this place looks |                  | There are not enough bike lanes |                  |                  |
|----------------------|--------------------------------|------------------|--------------------------------|------------------|---------------------------|--------------------|-----------------------|--------------------|-------------------------------------|---------------------|-----------------------|--------------------|---|------------------|---------------------------------|------------------|------------------|
|                      | n (N)                          | % 95% CI         | n (N)                          | % 95% CI         | n (N)                     | % 95% CI           | n (N)                 | % 95% CI           | n (N)                               | % 95% CI            | n (N)                 | % 95% CI           | n (N)                                   | % 95% CI         | n (N)                           | % 95% CI         |                  |
| <b>Total</b>         | 646 (7,814)                    | 8.3<br>6.7 - 9.9 | 645 (7,814)                    | 8.3<br>7.4 - 9.2 | 802 (7,814)               | 10.3<br>9.3 - 11.3 | 886 (7,814)           | 11.4<br>9.4 - 13.3 | 960 (7,814)                         | 12.3<br>11.1 - 13.5 | 864 (7,814)           | 11.0<br>9.7 - 12.3 | 671 (7,814)                             | 8.6<br>7.6 - 9.6 | 470 (7,814)                     | 6.0<br>5.3 - 6.7 |                  |
| <b>By sex</b>        | Male                           | 301 (3,477)      | 8.7<br>6.7 - 10.8              | 320 (3,477)      | 9.3<br>8.0 - 10.7         | 342 (3,477)        | 9.9<br>8.5 - 11.4     | 404 (3,477)        | 11.6<br>9.1 - 14.2                  | 394 (3,477)         | 11.3<br>9.9 - 12.8    | 356 (3,477)        | 10.2<br>8.4 - 12.0                      | 276 (3,477)      | 8.0<br>6.9 - 9.0                | 240 (3,477)      | 6.9<br>6.0 - 7.8 |
|                      | Female                         | 345 (4,335)      | 7.9<br>6.2 - 9.7               | 324 (4,335)      | 7.4<br>6.4 - 8.5          | 459 (4,335)        | 10.6<br>9.4 - 11.9    | 481 (4,335)        | 11.1<br>8.9 - 13.4                  | 566 (4,335)         | 13.1<br>11.5 - 14.6   | 507 (4,335)        | 11.6<br>10.2 - 13.0                     | 395 (4,335)      | 9.1<br>7.7 - 10.5               | 230 (4,335)      | 5.3<br>4.4 - 6.2 |
| <b>By age</b>        | 13 or less                     | 155 (1,665)      | 9.3<br>6.9 - 11.7              | 138 (1,665)      | 8.3<br>7.0 - 9.6          | 188 (1,665)        | 11.4<br>9.6 - 13.1    | 179 (1,665)        | 10.8<br>8.6 - 13.0                  | 171 (1,665)         | 10.3<br>8.2 - 12.3    | 148 (1,665)        | 8.7<br>7.2 - 10.2                       | 144 (1,665)      | 8.6<br>7.3 - 9.8                | 138 (1,665)      | 8.2<br>6.9 - 9.6 |
|                      | 14                             | 157 (1,754)      | 8.9<br>7.1 - 10.8              | 162 (1,754)      | 9.3<br>8.0 - 10.6         | 157 (1,754)        | 9.0<br>7.2 - 10.8     | 189 (1,754)        | 10.8<br>8.4 - 13.3                  | 221 (1,754)         | 12.5<br>10.7 - 14.4   | 200 (1,754)        | 11.4<br>9.3 - 13.5                      | 151 (1,754)      | 8.6<br>7.1 - 10.2               | 95 (1,754)       | 5.4<br>4.2 - 6.6 |
|                      | 15                             | 128 (1,606)      | 8.0<br>6.1 - 9.9               | 150 (1,606)      | 9.4<br>7.9 - 10.9         | 157 (1,606)        | 9.8<br>8.1 - 11.4     | 180 (1,606)        | 11.2<br>8.7 - 13.6                  | 226 (1,606)         | 14.2<br>12.4 - 16.0   | 190 (1,606)        | 11.9<br>9.9 - 13.9                      | 155 (1,606)      | 9.7<br>8.1 - 11.3               | 94 (1,606)       | 5.8<br>4.7 - 6.9 |
| <b>By age</b>        | 16                             | 103 (1,454)      | 7.1<br>5.2 - 9.1               | 111 (1,454)      | 7.6<br>6.0 - 9.2          | 165 (1,454)        | 11.4<br>9.8 - 13.1    | 177 (1,454)        | 12.2<br>9.9 - 14.4                  | 185 (1,454)         | 12.7<br>10.5 - 15.0   | 169 (1,454)        | 11.5<br>9.4 - 13.6                      | 132 (1,454)      | 9.1<br>7.4 - 10.7               | 75 (1,454)       | 5.2<br>4.0 - 6.5 |
|                      | 17 or older                    | 102 (1,325)      | 7.8<br>5.5 - 10.0              | 82 (1,325)       | 6.2<br>4.6 - 7.7          | 135 (1,325)        | 10.3<br>8.4 - 12.1    | 159 (1,325)        | 12.1<br>9.5 - 14.7                  | 156 (1,325)         | 11.8<br>9.3 - 14.3    | 157 (1,325)        | 11.8<br>10.2 - 13.3                     | 89 (1,325)       | 6.7<br>5.1 - 8.3                | 67 (1,325)       | 5.1<br>3.7 - 6.4 |
| <b>By NZDep 2006</b> | Low                            | 298 (2,596)      | 11.5<br>8.8 - 14.2             | 152 (2,596)      | 5.9<br>4.8 - 7.1          | 271 (2,596)        | 10.5<br>9.1 - 11.9    | 380 (2,596)        | 14.6<br>12.0 - 17.2                 | 302 (2,596)         | 11.6<br>10.0 - 13.3   | 336 (2,596)        | 13.0<br>11.0 - 14.9                     | 87 (2,596)       | 3.4<br>2.5 - 4.2                | 183 (2,596)      | 7.1<br>5.9 - 8.2 |
|                      | Medium                         | 201 (2,809)      | 7.2<br>5.2 - 9.3               | 243 (2,809)      | 8.7<br>7.5 - 10.0         | 288 (2,809)        | 10.3<br>8.9 - 11.7    | 331 (2,809)        | 11.8<br>9.7 - 13.9                  | 353 (2,809)         | 12.6<br>11.1 - 14.1   | 339 (2,809)        | 12.0<br>10.3 - 13.7                     | 236 (2,809)      | 8.4<br>7.2 - 9.6                | 174 (2,809)      | 6.2<br>5.3 - 7.1 |
|                      | High                           | 140 (2,329)      | 5.9<br>4.3 - 7.5               | 243 (2,329)      | 10.4<br>8.7 - 12.2        | 233 (2,329)        | 10.1<br>8.7 - 11.4    | 162 (2,329)        | 7.0<br>4.6 - 9.3                    | 293 (2,329)         | 12.6<br>10.7 - 14.4   | 174 (2,329)        | 7.2<br>6.1 - 8.4                        | 335 (2,329)      | 14.4<br>12.7 - 16.0             | 109 (2,329)      | 4.6<br>3.6 - 5.6 |
| <b>By geography</b>  | Urban                          | 402 (6,555)      | 6.2<br>4.8 - 7.5               | 573 (6,555)      | 8.8<br>7.8 - 9.8          | 716 (6,555)        | 10.9<br>9.9 - 12.0    | 706 (6,555)        | 10.8<br>8.6 - 13.0                  | 775 (6,555)         | 11.8<br>10.6 - 13.1   | 539 (6,555)        | 8.2<br>7.4 - 9.1                        | 582 (6,555)      | 8.9<br>7.8 - 10.0               | 387 (6,555)      | 5.9<br>5.1 - 6.7 |
|                      | Rural                          | 237 (1,179)      | 20.3<br>17.0 - 23.7            | 65 (1,179)       | 5.6<br>3.7 - 7.6          | 76 (1,179)         | 6.6<br>5.0 - 8.3      | 167 (1,179)        | 14.3<br>11.8 - 16.8                 | 173 (1,179)         | 14.8<br>12.3 - 17.2   | 310 (1,179)        | 26.1<br>23.0 - 29.1                     | 76 (1,179)       | 6.3<br>4.5 - 8.2                | 79 (1,179)       | 6.8<br>5.2 - 8.4 |

Note: 1. Students could choose more than one response option.

Continued...

## Neighbourhood concerns<sup>1</sup> (table 2 of 3)

|                      |             | There are too many dogs |                     | Rubbish and mess |                     | There are no skate parks or ramps |                     | There is no high speed internet coverage |                     |
|----------------------|-------------|-------------------------|---------------------|------------------|---------------------|-----------------------------------|---------------------|--|---------------------|
|                      |             | n (N)                   | % 95% CI            | n (N)            | % 95% CI            | n (N)                             | % 95% CI            | n (N)                                    | % 95% CI            |
| <b>Total</b>         |             | 641<br>(7,814)          | 8.2<br>7.2 - 9.3    | 865<br>(7,814)   | 11.0<br>9.6 - 12.4  | 608<br>(7,814)                    | 7.8<br>6.7 - 8.9    | 746<br>(7,814)                           | 9.5<br>8.2 - 10.9   |
| <b>By sex</b>        | Male        | 270<br>(3,477)          | 7.8<br>6.7 - 8.9    | 346<br>(3,477)   | 9.9<br>8.6 - 11.2   | 365<br>(3,477)                    | 10.6<br>9.0 - 12.2  | 456<br>(3,477)                           | 13.2<br>11.3 - 15.0 |
|                      | Female      | 370<br>(4,335)          | 8.5<br>7.1 - 10.0   | 518<br>(4,335)   | 11.9<br>9.9 - 13.9  | 243<br>(4,335)                    | 5.6<br>4.7 - 6.5    | 289<br>(4,335)                           | 6.6<br>5.6 - 7.6    |
| <b>By age</b>        | 13 or less  | 146<br>(1,665)          | 8.8<br>7.1 - 10.5   | 191<br>(1,665)   | 11.4<br>9.4 - 13.3  | 162<br>(1,665)                    | 9.7<br>7.9 - 11.4   | 130<br>(1,665)                           | 7.7<br>6.2 - 9.2    |
|                      | 14          | 154<br>(1,754)          | 8.8<br>7.5 - 10.1   | 206<br>(1,754)   | 11.7<br>10.1 - 13.3 | 169<br>(1,754)                    | 9.8<br>7.6 - 11.9   | 147<br>(1,754)                           | 8.4<br>6.9 - 10.0   |
|                      | 15          | 119<br>(1,606)          | 7.4<br>5.7 - 9.1    | 185<br>(1,606)   | 11.5<br>9.4 - 13.6  | 127<br>(1,606)                    | 8.0<br>6.2 - 9.8    | 156<br>(1,606)                           | 9.7<br>7.8 - 11.5   |
|                      | 16          | 127<br>(1,454)          | 8.8<br>6.9 - 10.6   | 161<br>(1,454)   | 11.1<br>8.9 - 13.2  | 84<br>(1,454)                     | 5.8<br>4.4 - 7.1    | 156<br>(1,454)                           | 10.6<br>8.6 - 12.7  |
|                      | 17 or older | 94<br>(1,325)           | 7.1<br>5.1 - 9.0    | 121<br>(1,325)   | 9.1<br>7.0 - 11.1   | 65<br>(1,325)                     | 4.9<br>3.5 - 6.4    | 157<br>(1,325)                           | 12.0<br>9.5 - 14.5  |
| <b>By NZDep 2006</b> | Low         | 103<br>(2,596)          | 4.0<br>3.3 - 4.7    | 142<br>(2,596)   | 5.5<br>4.3 - 6.6    | 215<br>(2,596)                    | 8.3<br>6.6 - 10.1   | 271<br>(2,596)                           | 10.5<br>8.7 - 12.3  |
|                      | Medium      | 181<br>(2,809)          | 6.5<br>5.5 - 7.5    | 271<br>(2,809)   | 9.6<br>8.4 - 10.8   | 221<br>(2,809)                    | 7.9<br>6.5 - 9.4    | 296<br>(2,809)                           | 10.5<br>8.9 - 12.1  |
|                      | High        | 349<br>(2,329)          | 15.0<br>13.4 - 16.6 | 444<br>(2,329)   | 19.0<br>16.7 - 21.4 | 165<br>(2,329)                    | 7.1<br>5.9 - 8.3    | 165<br>(2,329)                           | 7.0<br>5.5 - 8.6    |
| <b>By geography</b>  | Urban       | 580<br>(6,555)          | 8.9<br>7.7 - 10.0   | 774<br>(6,555)   | 11.8<br>10.2 - 13.3 | 452<br>(6,555)                    | 6.9<br>6.0 - 7.9    | 520<br>(6,555)                           | 7.9<br>6.8 - 9.1    |
|                      | Rural       | 53<br>(1,179)           | 4.5<br>2.5 - 6.5    | 83<br>(1,179)    | 6.9<br>5.2 - 8.7    | 149<br>(1,179)                    | 12.8<br>10.0 - 15.7 | 212<br>(1,179)                           | 18.1<br>15.8 - 20.4 |

Note:

1. Students could choose more than one response option.

Continued...

## Neighbourhood concerns<sup>1</sup> (table 3 of 3)

|                      |             | There is no cellphone coverage |                     | There is no public transport |                     | There is no access to arts, movies or other creative activities |                     | None of the above |                     |
|----------------------|-------------|--------------------------------|---------------------|------------------------------|---------------------|---|---------------------|-------------------|---------------------|
|                      |             | n (N)                          | % 95% CI            | n (N)                        | % 95% CI            | n (N)   | % 95% CI            | n (N)             | % 95% CI            |
| <b>Total</b>         |             | 441<br>(7,814)                 | 5.6<br>4.6 - 6.5    | 785<br>(7,814)               | 10.0<br>8.4 - 11.7  | 1,686<br>(7,814)  | 21.5<br>19.5 - 23.5 | 3,031<br>(7,814)  | 38.8<br>36.7 - 40.8 |
| <b>By sex</b>        | Male        | 191<br>(3,477)                 | 5.5<br>4.3 - 6.7    | 291<br>(3,477)               | 8.4<br>6.6 - 10.1   | 623<br>(3,477)  | 18.0<br>16.0 - 19.9 | 1,378<br>(3,477)  | 39.5<br>37.0 - 42.0 |
|                      | Female      | 250<br>(4,335)                 | 5.6<br>4.5 - 6.7    | 493<br>(4,335)               | 11.3<br>9.3 - 13.3  | 1,062<br>(4,335)  | 24.4<br>21.9 - 26.9 | 1,653<br>(4,335)  | 38.2<br>35.6 - 40.8 |
| <b>By age</b>        | 13 or less  | 87<br>(1,665)                  | 5.1<br>3.8 - 6.3    | 110<br>(1,665)               | 6.5<br>5.2 - 7.9    | 318<br>(1,665)  | 19.1<br>15.8 - 22.4 | 682<br>(1,665)    | 40.9<br>37.6 - 44.2 |
|                      | 14          | 96<br>(1,754)                  | 5.4<br>4.0 - 6.9    | 133<br>(1,754)               | 7.6<br>6.2 - 9.0    | 342<br>(1,754)  | 19.5<br>17.1 - 21.9 | 720<br>(1,754)    | 41.0<br>37.9 - 44.1 |
|                      | 15          | 93<br>(1,606)                  | 5.8<br>4.3 - 7.2    | 177<br>(1,606)               | 11.1<br>8.8 - 13.3  | 384<br>(1,606)  | 23.9<br>21.1 - 26.7 | 589<br>(1,606)    | 36.7<br>33.9 - 39.4 |
|                      | 16          | 85<br>(1,454)                  | 5.7<br>4.2 - 7.3    | 186<br>(1,454)               | 12.7<br>10.1 - 15.3 | 338<br>(1,454)  | 23.2<br>20.2 - 26.1 | 537<br>(1,454)    | 37.0<br>34.1 - 39.9 |
|                      | 17 or older | 80<br>(1,325)                  | 5.9<br>4.5 - 7.4    | 178<br>(1,325)               | 13.3<br>10.2 - 16.5 | 303<br>(1,325)  | 22.7<br>20.1 - 25.3 | 496<br>(1,325)    | 37.4<br>34.0 - 40.8 |
| <b>By NZDep 2006</b> | Low         | 212<br>(2,596)                 | 8.2<br>6.7 - 9.6    | 366<br>(2,596)               | 14.1<br>11.8 - 16.4 | 610<br>(2,596)  | 23.5<br>20.8 - 26.3 | 964<br>(2,596)    | 37.0<br>34.3 - 39.7 |
|                      | Medium      | 146<br>(2,809)                 | 5.2<br>3.9 - 6.5    | 290<br>(2,809)               | 10.3<br>8.1 - 12.6  | 607<br>(2,809)  | 21.5<br>18.9 - 24.2 | 1,111<br>(2,809)  | 39.5<br>37.0 - 42.1 |
|                      | High        | 76<br>(2,329)                  | 3.0<br>2.0 - 4.0    | 115<br>(2,329)               | 4.8<br>3.4 - 6.2    | 443<br>(2,329)  | 18.9<br>16.2 - 21.6 | 931<br>(2,329)    | 40.0<br>36.7 - 43.3 |
| <b>By geography</b>  | Urban       | 213<br>(6,555)                 | 3.3<br>2.6 - 3.9    | 484<br>(6,555)               | 7.4<br>6.1 - 8.7    | 1,277<br>(6,555)  | 19.5<br>17.5 - 21.4 | 2,675<br>(6,555)  | 40.7<br>38.7 - 42.8 |
|                      | Rural       | 221<br>(1,179)                 | 18.3<br>15.5 - 21.1 | 287<br>(1,179)               | 24.3<br>21.1 - 27.6 | 383<br>(1,179)  | 32.3<br>28.9 - 35.7 | 331<br>(1,179)    | 28.0<br>25.4 - 30.7 |

Note:

1. Students could choose more than one response option.

## Spirituality

|                     |             | Spiritual beliefs or religious faith are very important to student |                     | Student attends a place of worship <sup>1</sup> weekly or more often |                     | Student feels that they belong to their place of worship <sup>1</sup> |                     |
|---------------------|-------------|--|---------------------|--|---------------------|---|---------------------|
|                     |             | n (N)  | % 95% CI            | n (N)  | % 95% CI            | n (N)   | % 95% CI            |
| <b>Total</b>        |             | 2,260<br>(8,010)   | 28.1<br>23.5 - 32.6 | 2,089<br>(8,049)   | 25.8<br>21.3 - 30.3 | 2,472<br>(7,904)  | 31.2<br>26.8 - 35.5 |
| <b>By sex</b>       | Male        | 943<br>(3,587)   | 26.1<br>21.4 - 30.8 | 858<br>(3,605)   | 23.5<br>19.0 - 28.1 | 984<br>(3,537)  | 27.7<br>23.0 - 32.3 |
|                     | Female      | 1,315<br>(4,421)   | 29.6<br>24.3 - 34.9 | 1,230<br>(4,442)   | 27.6<br>22.1 - 33.1 | 1,487<br>(4,365)  | 34.0<br>29.2 - 38.8 |
| <b>By age</b>       | 13 or less  | 514<br>(1,713)   | 29.9<br>24.9 - 34.9 | 469<br>(1,729)   | 27.0<br>22.3 - 31.6 | 548<br>(1,678)  | 32.5<br>27.6 - 37.5 |
|                     | 14          | 493<br>(1,805)   | 27.2<br>22.1 - 32.3 | 479<br>(1,810)   | 26.3<br>21.3 - 31.3 | 551<br>(1,772)  | 31.0<br>26.3 - 35.7 |
|                     | 15          | 454<br>(1,639)   | 27.5<br>22.6 - 32.4 | 447<br>(1,648)   | 26.8<br>22.2 - 31.5 | 509<br>(1,629)  | 31.1<br>26.4 - 35.7 |
|                     | 16          | 406<br>(1,486)   | 27.2<br>22.5 - 31.8 | 365<br>(1,493)   | 24.3<br>19.8 - 28.8 | 445<br>(1,475)  | 30.1<br>25.3 - 34.9 |
|                     | 17 or older | 392<br>(1,357)   | 28.7<br>23.9 - 33.5 | 328<br>(1,359)   | 24.0<br>18.4 - 29.7 | 417<br>(1,340)  | 31.0<br>26.0 - 36.0 |
| <b>By NZDep2006</b> | Low         | 512<br>(2,642)   | 19.1<br>16.8 - 21.5 | 490<br>(2,649)   | 18.2<br>14.9 - 21.5 | 632<br>(2,620)  | 23.9<br>20.8 - 26.9 |
|                     | Medium      | 694<br>(2,868)   | 24.0<br>20.7 - 27.4 | 638<br>(2,883)   | 22.0<br>18.4 - 25.6 | 813<br>(2,829)  | 28.6<br>24.6 - 32.6 |
|                     | High        | 1,043<br>(2,413)   | 43.3<br>35.5 - 51.2 | 946<br>(2,430)   | 39.0<br>31.1 - 46.9 | 1,010<br>(2,372)  | 42.8<br>35.4 - 50.2 |
| <b>By geography</b> | Urban       | 2,063<br>(6,720)   | 30.6<br>25.5 - 35.6 | 1,919<br>(6,753)   | 28.2<br>23.4 - 33.1 | 2,226<br>(6,630)  | 33.4<br>28.7 - 38.2 |
|                     | Rural       | 186<br>(1,203)   | 15.0<br>13.0 - 17.1 | 155<br>(1,209)   | 12.5<br>9.1 - 16.0  | 229<br>(1,191)  | 19.0<br>16.1 - 21.8 |

Note:

1. Church, mosque, temple, shrine or other place of worship.



# Community Comparisons 2001 - 2012

## Employment

| Paid regular part-time employment in last 12 months |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 3,832<br>(9,065) | 42.1<br>39.7 - 44.5 | 3,324<br>(8,547) | 38.9<br>36.3 - 41.4 | 2,143<br>(8,155) | 26.2<br>23.8 - 28.6 |
| <b>By sex</b>                                       | Male   | 1,871<br>(4,152) | 44.8<br>41.9 - 47.6 | 1,732<br>(4,578) | 37.8<br>34.7 - 41.0 | 981<br>(3,664)   | 26.7<br>24.2 - 29.1 |
|   | Female | 1,961<br>(4,913) | 39.8<br>37.0 - 42.6 | 1,592<br>(3,969) | 40.1<br>36.9 - 43.2 | 1,161<br>(4,490) | 25.9<br>22.9 - 28.8 |

## Adult support

| Have an adult outside their family that they would feel okay talking to about a serious problem |        | 2001             |                     | 2007             |                     | 2012             |                     |
|---|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>  |        | 5,042<br>(8,627) | 58.4<br>56.8 - 60.0 | 4,532<br>(8,286) | 54.6<br>52.9 - 56.4 | 4,744<br>(8,063) | 58.9<br>57.3 - 60.4 |
| <b>By sex</b>   | Male   | 2,187<br>(3,919) | 55.8<br>53.9 - 57.6 | 2,300<br>(4,398) | 52.3<br>50.3 - 54.3 | 2,056<br>(3,610) | 57.0<br>54.8 - 59.2 |
|   | Female | 2,855<br>(4,708) | 60.6<br>58.6 - 62.6 | 2,232<br>(3,888) | 57.3<br>55.1 - 59.5 | 2,686<br>(4,451) | 60.4<br>58.3 - 62.4 |

## Neighbourhood

| Feel safe in their neighbourhood all of the time |        | 2001             |                     | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|  |        | n (N)            | % 95% CI            | n (N)            | % 95% CI            | n (N)            | % 95% CI            |
| <b>Total</b>                                     |        | 3,772<br>(8,599) | 43.8<br>41.8 - 45.8 | 3,351<br>(8,305) | 40.4<br>38.5 - 42.3 | 4,289<br>(7,907) | 54.2<br>52.4 - 56.0 |
| <b>By sex</b>                                    | Male   | 1,995<br>(3,907) | 50.9<br>48.3 - 53.5 | 2,032<br>(4,426) | 45.9<br>43.7 - 48.1 | 1,964<br>(3,513) | 55.9<br>53.7 - 58.1 |
|  | Female | 1,777<br>(4,692) | 37.8<br>35.6 - 40.0 | 1,319<br>(3,879) | 34.0<br>32.0 - 36.0 | 2,325<br>(4,392) | 52.9<br>50.6 - 55.2 |

| There is nothing to do in their neighbourhood |        | 2001             |                     | 2007           |                     | 2012           |                     |
|---|--------|------------------|---------------------|----------------|---------------------|----------------|---------------------|
|   |        | n (N)            | % 95% CI            | n (N)          | % 95% CI            | n (N)          | % 95% CI            |
| <b>Total</b>                                  |        | 1,321<br>(8,439) | 15.6<br>13.7 - 17.5 | 909<br>(8,219) | 11.0<br>9.2 - 12.9  | 992<br>(7,986) | 12.4<br>10.4 - 14.4 |
| <b>By sex</b>                                 | Male   | 548<br>(3,814)   | 14.2<br>12.3 - 16.2 | 427<br>(4,365) | 9.7<br>7.9 - 11.6   | 408<br>(3,567) | 11.4<br>9.3 - 13.6  |
|   | Female | 773<br>(4,625)   | 16.7<br>14.4 - 19.1 | 482<br>(3,854) | 12.5<br>10.2 - 14.8 | 584<br>(4,417) | 13.1<br>10.7 - 15.5 |

continued...

## Spirituality

| Attends church/<br>mosque/temple/<br>shrine or place of<br>worship at least weekly |        | 2001             |                     | 2007             |                     | 2012             |                     |
|--|--------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
|  |        | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         | n<br>(N)         | %<br>95% CI         |
| <b>Total</b>   |        | 2,212<br>(8,598) | 25.8<br>22.2 - 29.4 | 1,784<br>(6,161) | 28.8<br>25.2 - 32.5 | 2,089<br>(8,049) | 25.8<br>21.4 - 30.2 |
| <b>By Sex</b>  | Male   | 907<br>(3,899)   | 23.7<br>18.5 - 28.8 | 874<br>(3,020)   | 28.8<br>24.2 - 33.5 | 858<br>(3,605)   | 23.5<br>19.0 - 28.0 |
|  | Female | 1,305<br>(4,699) | 27.6<br>23.5 - 31.7 | 910<br>(3,141)   | 28.8<br>24.8 - 32.9 | 1,230<br>(4,442) | 27.6<br>22.2 - 33.0 |

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