



Youth'07

The Health
and Wellbeing of
Secondary School
Students in New Zealand



Adolescent Health Research Group
www.youth2000.ac.nz

Technical Report



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The Survey



Introduction

The Youth2000 projects aim to improve the health and wellbeing of New Zealand youth through the collection, analysis and dissemination of accurate and timely information on the health and wellbeing of secondary school students in New Zealand.

This report presents information on the development, administration, data collection, and initial findings of Youth'07: the National Survey of the Health and Wellbeing of New Zealand Secondary School Students conducted in 2007. This report also compares findings from this current survey with the previous survey conducted in 2001, to see how young people in Aotearoa New Zealand are changing.

Youth'07 was conducted from March to October 2007 in 96 secondary schools from throughout New Zealand and collected information from a total of 9107 secondary school students. Students completed a health and wellbeing survey using small internet tablets that covered a broad range of health and wellbeing issues including injuries, sexual health issues, mental health concerns, nutrition and exercise, substance use, and health care access. It also covered areas known to influence positive outcomes for young people such as family connection, school engagement and community environments. Students were also weighed and measured for height during the survey so that levels of overweight and obesity for this population could be estimated.

Total population data are presented in this report by age, gender, New Zealand 2006 Deprivation Index and urban or rural place of residence. Data on trends between 2001 and 2007 are shown for selected items from the survey. Selected findings for each ethnic group are presented; further in-depth analysis of the data for each of the main ethnic groups will be presented in separate reports.

Background

In 1997, researchers at The University of Auckland established the Adolescent Health Research Group (AHRG) with the aim of improving the health and wellbeing of New Zealand's young people. The AHRG's goal is to provide accurate and timely national data on the health and wellbeing of New Zealand's young people that communities, schools, health-related workers, and policy-makers can use to promote their health and positive development.

The first national survey carried out by the AHRG was in 2001, in which comprehensive health and wellbeing data was collected from nearly 10,000 randomly selected students, from randomly selected schools across New Zealand, using a self-report questionnaire administered on laptop computers. This data has been presented and published extensively, and is available via the project's website www.youth2000.ac.nz.

Since 2001, the environment in which young people are growing up in New Zealand has been changing rapidly. The use of cell phones has increased; the use of the internet has become pervasive; and economic and cultural landscapes have changed considerably. There have also been nation-wide social marketing campaigns such as the 'Push-Play' campaign which may have brought meaningful improvements in population-level rates of physical activity for youth. Similarly ALAC's 'How we drink' campaign which may have reduced the frequency of binge drinking episodes highlighted in the 2001 survey.

The findings from the 2001 survey are now seven years old and most of the population-based information regarding the health of youth in New Zealand is becoming or is already outdated. Data collected in previous years may not accurately reflect the experiences of today's youth. Recognising that information to inform better policy and programmes for young people should be current and accurate, the AHRG sought funding in 2005 to repeat the national health and wellbeing survey of secondary school students. This was successfully obtained and the planning and development for this second survey, Youth'07, started in 2006.



The funding of Youth'07 is a partnership between the Health Research Council of New Zealand (grant 05/216) and eight government agencies: the Department of Labour, the Families Commission, the Accident Compensation Corporation, Sport and Recreation New Zealand, the Alcohol Advisory Council of New Zealand and the Ministries of Youth Development, Justice, and Health.

What is Youth Health and How Do We Measure It?

The adolescent years represents a period of human development with unique challenges and opportunities. Most teenagers are healthy when measured against traditional health status indicators such as morbidity rates, incidence of disease or health care utilisation. However, adolescence is a time of life when young people face significant threats to their health and wellbeing, often from preventable health risk behaviours, such as unsafe sexual activity, violence, drinking and driving, and substance use. Furthermore, emotional health concerns dramatically increase around puberty and significant numbers of young people have high rates of depressive symptoms (Adolescent Health Research Group, 2003). While the majority of young people navigate successfully through these issues, a small but significant number do not. In this respect, New Zealand has a poor record of youth health compared to other OECD countries.

Measuring the health and wellbeing of young people is important if we are to make meaningful improvements in the health of young people in New Zealand. Without a comprehensive understanding of the current issues, the efforts of health professionals, community leaders and policy makers to improve young people's wellbeing are hindered. Measuring youth health and wellbeing helps communities identify priorities and strategies to improve the health status of their young people. Meaningful population-based data provide important information for policy makers

to help target resources and programmes to communities and populations in need. Parents and caregivers also benefit from up-to-date and relevant information so that they can support young people as they navigate the teenage years.

Over the last 20 years efforts to monitor adolescent health and wellbeing have undergone significant shifts in conceptualisation. Among the most important shifts has been the move towards measuring strengths-based indicators, as well as risk behaviours, in recognition that defining health and wellbeing as the 'absence of risk' was insufficient to fully capture the needs and lives of young people. Furthermore, lists of risk-focused outcomes are problematic as they can lead to interventions within siloed services, despite the fact that many of the health-risk behaviours of concern are inter-related and often cluster. Ideally, services and programmes should work holistically with young people to address a range of issues. Likewise, measuring the health and wellbeing of young people needs to be comprehensive and cover a range of issues relevant among today's young people.

Outcome evaluations across a wide range of youth health programmes have shown that successful programmes used strategies to increase the competencies of young people as well as to reduce their risk behaviours. This has led to the conceptualisation of 'positive youth development' as central to efforts to improve the health and wellbeing of young people. Another more recent shift has been the growing appreciation of the 'up-stream' determinants of young people's health and wellbeing, and attempts to understand the contextual, ecological and historical factors that place communities at-risk and produce disparities between groups of young people.

The Youth2000 projects attempt to conceptualise and measure health and wellbeing outcomes using a youth development model. This model recognises that important indicators for young people's health and wellbeing occur within the home, school and community settings. It specifically recognises the importance of young people feeling connected and cared for in these settings. It also recognises the importance of meaningful



participation and contributions that young people need to make to enhance their wellbeing. This model also emphasises that young people need to be in safe environments that are free from harm and abuse. The Youth2000 projects have attempted to measure these important risk and protective factors in the home, school and community settings as well as important health and wellbeing outcomes.

Population Youth Health in New Zealand

The Youth2000 projects add to an important body of prevention/ public health research in New Zealand, that has been led by world-class longitudinal projects from Dunedin and Christchurch. There is an emerging scientific consensus on the requirements for prevention research within public health to inform better public policy (Committee for the Study of the Future of Public Health, 1988; Kellam & Rebok, 1992; National Institute of Mental Health, 1996). This consensus recognises that prevention research is fundamentally multidisciplinary and integrates three perspectives: life course development, which includes identification of early risk and protective factors; community epidemiology to identify population level variation of risk and protective factors; and intervention studies aimed at modifying or moderating risk or protective factors in order to change life trajectories and improve health outcomes.

While longitudinal studies are able to identify important information about causal risk and protective factors, population-level epidemiological studies are needed to identify variations within and between populations to highlight important areas for intervention. Furthermore, as populations and communities continue to evolve and change, population epidemiological studies need to be repeated to monitor important trends and identify emerging health issues and/or risk factors.

Figure 1 opposite gives a visual representation of the Youth'07 project and how it was undertaken to provide information on:

1. Trends in the health and wellbeing of young people in New Zealand.
2. The prevalence of emerging youth health issues.
3. Detailed information about specific population groups of New Zealand's young people.

The overall goal of Youth'07 is to improve the health and wellbeing of young people in New Zealand, reduce disparities among young people and provide information to have better informed health, education and social policies.



Methodology

Ethical procedures

Ethical consent for this study was obtained from The University of Auckland Human Subject Ethics Committee. Written consent was obtained from the principal of each school involved on behalf of its Board of Trustees. Information on the survey was sent home to parents a few weeks before the day of the survey and a student participant information brochure was given to each student a week prior to the survey. The family and student information brochures informed students and their families about the purposes of the project, and who they could contact to ask questions about the survey. The information brochures also stressed that the students' participation was voluntary and that any information collected would be anonymous and confidential.

Students were randomly selected to take part in the survey and on the day of the survey all of those attending school were invited to participate. They were divided into groups of up to 100 students to administer the survey in separate sessions. Each group was brought in to the venue where the survey was being administered, and each student was given a random anonymous code to log-on to the survey. The consent process was then outlined to the students and then they were able to ask questions about the survey. At the beginning of the questionnaire students were asked to give their consent to participate. Students who gave their consent went on to continue with the survey questions. Students who declined to participate could either use other features on the internet tablets used for the survey or return to class. Students could also withdraw from the survey at any time.

The survey equipment

The survey was carried out using internet tablets, which are essentially hand-held computers. Use of this technology allowed the questionnaire to be presented in audio-visual form. The survey questions were displayed on the internet tablet's screen and also read out through headphones. Response options were also read out when the corresponding text on the screen was selected. This 'voiceover' was available in both English and Māori languages with students able to toggle between these two languages. A demonstration of the questionnaire interface and the ability to toggle between languages is available at <http://www.youth2000.ac.nz/survey-tools-1106.htm>

The design of the multimedia questionnaire interface was based on that used in the 2001 survey, using an updated cartoon Kiwi on an island as the theme for the survey (Adolescent Health Research Group, 2003). As students used the internet tablet to move through the sections of the survey on the different aspects of their life, they travelled around the island, ending up on the top of a mountain at the end of the survey.

No keyboard data entry was required; questions were answered by touching the screen with a stylus. Students were able to choose not to answer any question or section of the survey at any point. Before sensitive sections of the questionnaire, reminders were given that involvement in the survey was voluntary and that answers would remain confidential and anonymous. After questions thought to be potentially upsetting for students, 'Safety' messages were given, providing advice and contact details of people to talk to (including the people administering the questionnaire).

One hundred and twenty hand-held internet tablets with headphones were used to conduct the survey using M-CASI technology. The tablets were grouped into four sets of 30 units each with a router connected to a laptop used as a server for the Youth'07 Survey software programme. Questionnaire responses were



automatically transmitted by a wi-fi webserver to the laptop database. Files from the laptop servers were later uploaded to a central database and then imported into statistical software and collated for analysis.

The laptop computers also had Geocode software so that data on the area in which students live could be gathered based on the census meshblock number derived from their address. The process was carefully explained to students so that they understood that their anonymity was maintained. For example, students were shown that their address was deleted once the meshblock number was obtained.

Portable stadiometers, digital weighing scales and purpose-designed measuring tapes were used for height, weight and waist measurements respectively.

The Regional Team Model

Seven regional field research teams were employed to conduct the Youth'07 survey in secondary schools throughout New Zealand. This allowed for greater flexibility and efficiency and also utilised the team members' knowledge of their local area. The teams were based in Auckland/Northland; Waikato/BOP/Central North Island/Taranaki; East Coast; Palmerston North/Manawatu; Wellington/Wairarapa and the South Island.

Each team included a Team Leader and Field Research Assistants. Team leaders were integral to the functioning of the teams and the maintenance of procedures to a high standard. The Field Research Assistants were recruited from a range of backgrounds and selected on their experience or interest in promoting better health outcomes for young people, their ability to work well in teams and to communicate effectively with students. All teams received training and ongoing support from the Youth'07 project team during the collection of survey data. Feedback from schools participating in Youth'07 commented on the diversity and professionalism of the teams and their ability to interact well with students.

Working with participating schools

Communication with the schools prior to the survey was usually through the Youth'07 Project Coordinator at the University, via phone or email. Youth'07 Newsletters were also used to keep schools informed about the survey and the processes being used.

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 in the main extremely positive in their feedback.

Processes for recruiting students

Four weeks before the survey was conducted in a school a resource package containing the student invitations, information for parents and school staff, and brightly coloured Youth'07 posters were sent to each school's designated survey coordinator. The coordinator was asked to display the posters around the school and, in addition, an emailed message about the survey was sent so that schools could include it in their regular newsletters to parents. Some schools included information and reminders about the survey at school assemblies. It was particularly important that on the day of the survey the school had effective communication systems for reminding selected students about the survey. Where schools had such systems the student uptake of the survey tended to be higher. Schools employed a variety of such systems including: providing student 'runners' to locate students who had forgotten to attend the survey venue; providing form teachers with lists of students and the survey times so that students could be reminded to attend; using the school communication systems to remind students to attend the survey if they had been selected. When the Field Research Team Leaders were able to develop strong collegial relations with school coordinators, the coordinators proved invaluable at finding students who did not attend the survey and providing information about those students who did not wish to or were unable to participate.



Where was the survey conducted?

The survey was conducted in a variety of school venues depending on the number of students and the space available at the school. Because the student questionnaire was completed on hand-held computers, desks were not absolutely necessary and it was relatively easy to space students to ensure that they could be confident that no one could see their screen and know their answers. The venue for the survey also required sufficient space to set up screens to ensure students had privacy while the physical measurements were taken. Venues used, therefore, included school halls and gymnasiums, classrooms, libraries, lecture theatres and school marae.

The Youth'07 Student Health and Wellbeing Questionnaire

The Youth'07 Student Health and Wellbeing Questionnaire was developed from the 2001 survey questionnaire by identifying core items that would be included in the Youth'07 questionnaire. New items for inclusion were developed in consultation with stakeholders, advisory groups and academic researchers. Focus groups were undertaken with groups of young people to ensure comprehension and face validity of questionnaire items.

The Youth'07 survey covered important health and wellbeing outcomes as well as risk and protective factors that increase or decrease the likelihood of positive and negative outcomes for young people in New Zealand. Nine main areas were covered: Ethnicity, Home, School, Health and Emotional Health, Nutrition, Exercise and Activities, Sexual Health, Substance Use and Gambling, Injuries and Violence, Neighbourhood and Spirituality. Details of questions and items within each of these areas are given within the corresponding sections of this report. The Youth'07 Student Health and Wellbeing Questionnaire is available for download from <http://www.youth2000.ac.nz/survey-tools-1106.htm>

The survey was piloted in 2006 with approximately 250 students in three secondary schools in the wider Auckland region. Focus groups of students were conducted to assess acceptability, comprehension and problems with use of the survey instrument. Information was collected about the time necessary to complete the survey, the ease of use of internet tablets, setup requirements within schools and data collation accuracy. Based on the findings from the pilot, the questionnaire and the survey, procedures were refined and adapted.

The final questionnaire contained 622 questions. Students answered fewer than this number due to the branching questionnaire design. Initial screening questions were used to direct students with experience in a particular issue or behaviour to further, more in-depth questions, while limiting exposure to sensitive questions for students with no direct experience in these behaviours.

In addition to completing the questionnaire, students were weighed and measured for height, weight and waist circumference using portable scales, stadiometers and waist circumference tape measures. This was done in private with same-gender project staff when possible.

Students were asked to provide the address of their usual place of residence to ascertain their census meshblock number. This was used to derive New Zealand Deprivation Index scores based on the area where the students lived and to identify whether students lived in urban or rural settings. The procedures used for this are described in the section on Demographics and Geocoding.



Translation of the survey into te reo Māori

The Youth'07 Student Health and Wellbeing Questionnaire was translated into te reo Māori, following recommendations for good translation practices (Peters & Passchier, 2006). All translations were done by certified translators (Māori Language Commission, 2008). Forward translation was performed by one main translator. The forward translation was checked by another Māori speaker for meaning and clarity. Selected questionnaire items (for example, the RADS 10 Adolescent Depression Scale) were backward translated by a second translator and checked for quality and equivalence to the original questionnaire by independent assessors.

The Māori language questionnaire was pilot tested by two groups of Māori secondary school students who matched the profile of Māori students taking part in the survey in their mix of ability in te reo Māori, age, gender and iwi group affiliations. The students were asked to provide feedback on the suitability and comprehensibility of the questions for Māori students.

Sample Size

A target sample size was calculated from Youth2000 data at a level which would ensure reasonable precision of estimates among the major ethnic groupings for indicators relating to a range of domains. From these power calculations, it was aimed to survey 10,000 randomly selected students from 100 randomly selected schools.



Schools

In 2006, New Zealand had a total of 475 composite or secondary schools. Wharekura schools were surveyed separately as another part of the project and were not included in the population of eligible schools for the main survey. Schools with 50 or fewer students were also not included. Of the remaining 389 eligible schools, 115 were randomly selected and invited to participate.

Of these, 96 schools (84%) took part in the survey. Thirteen schools declined to participate and a further 6 schools initially agreed to participate but withdrew during 2007. Of the 19 non-participating schools, 14/19 (74%) were in the large centres of Auckland, Wellington or Hamilton; 11/19 (58%) were state schools, 13/19 (68%) were co-educational, and 17/19 (90%) were large schools.

Table 1 shows the characteristics of the participating schools. The majority were state funded, co-educational, large schools and middle decile. Comparison of the participating schools with all schools in New Zealand with more than fifty students in years 9 and above, shows that girls' schools and schools from deciles 1 and 2 were slightly under-represented in the survey sample.

Table 1: Characteristics of participating schools

| Variable | All schools | | Eligible Schools* | | Surveyed Schools | |
|---|-------------|---------|-------------------|---------|------------------|---------|
| | Number | Percent | Number | Percent | Number | Percent |
| | 475 | | 389 | | 96 | |
| Authority | | | | | | |
| State | 317 | 66.7 | 271 | 69.7 | 67 | 69.8 |
| State integrated | 91 | 19.2 | 84 | 21.6 | 21 | 21.9 |
| Private | 67 | 14.1 | 34 | 8.7 | 8 | 8.3 |
| | | | | | | |
| Type of school | | | | | | |
| Boys schools | 46 | 9.7 | 46 | 11.8 | 15 | 15.6 |
| Girls schools | 62 | 12.8 | 62 | 15.9 | 12 | 12.5 |
| Boys/Senior Co-Ed. | 3 | 0.6 | 3 | 0.8 | 1 | 1.0 |
| Co-educational | 364 | 76.6 | 278 | 71.5 | 68 | 70.8 |
| | | | | | | |
| School Size | | | | | | |
| Small to Medium schools (under 350 students) | 170 | 35.8 | 118 | 30.3 | 29 | 30.2 |
| | | | | | | |
| Large schools (350+ students) | 303 | 63.8 | 271 | 69.7 | 67 | 70.0 |
| | | | | | | |
| | | | | | | |
| Decile** | | | | | | |
| 1 | 40 | 8.4 | 22 | 5.7 | 4 | 4.3 |
| 2 | 46 | 9.7 | 37 | 9.5 | 3 | 3.3 |
| 3 | 38 | 8.0 | 30 | 7.7 | 8 | 8.7 |
| 4 | 49 | 10.3 | 44 | 11.3 | 15 | 16.3 |
| 5 | 48 | 10.1 | 45 | 11.6 | 13 | 14.1 |
| 6 | 50 | 10.5 | 41 | 10.5 | 16 | 17.4 |
| 7 | 50 | 10.5 | 45 | 11.6 | 8 | 8.7 |
| 8 | 38 | 8.0 | 34 | 8.7 | 7 | 7.6 |
| 9 | 30 | 6.3 | 29 | 7.5 | 8 | 8.7 |
| 10 | 45 | 9.5 | 42 | 10.8 | 10 | 10.9 |
| No school decile information | 41 | | 20 | | 4 | |

* schools with greater than 50 students in years 9 - 15

** low decile schools have a greater proportion of students from low socio-economic backgrounds



Students

For participating schools with more than 166 students, 18% of eligible Year 9 to 13 students were randomly selected from the school roll and invited to participate. In the 10 schools with fewer than 166 students on the school roll, 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, 12,355 students were selected and invited to participate in the survey. Of these, 9,107 students took part. This represents 74% of those selected and 3.4% of the total 2007 New Zealand secondary school roll.

Table 2: Characteristics of Participating Students

| Variable | Total Number of Students at Eligible Schools | | Total Number of Students at Surveyed Schools | | Total Number of Surveyed Students | |
|--------------------|--|---------|--|---------|-----------------------------------|---------|
| | Number | Percent | Number | Percent | Number | Percent |
| Year | | | | | | |
| Year 9 | 59,192 | 22.2 | 15,211 | 22.6 | 2,176 | 24.2 |
| Year 10 | 59,908 | 22.5 | 15,325 | 22.7 | 2,090 | 23.4 |
| Year 11 | 58,523 | 22.0 | 14,815 | 22.0 | 1,933 | 21.6 |
| Year 12 | 50,574 | 19.0 | 12,649 | 18.8 | 1,669 | 18.7 |
| Year 13 | 36,798 | 13.8 | 9,027 | 13.4 | 1,077 | 12.1 |
| Year 14* | 859 | 0.3 | 209 | 0.3 | | |
| Year 15* | 426 | 0.2 | 194 | 0.3 | | |
| Total | 266,280 | 100.0 | 67,430 | 100.0 | 8,945** | 100.0 |
| Gender | | | | | | |
| Male | 134,937 | 50.7 | 37,365 | 55.5 | 4,911 | 54.0 |
| Female | 131,343 | 49.3 | 29,981 | 44.5 | 4,187 | 46.0 |
| Total | 266,280 | 100.0 | 67,346 | 100.0 | 9,098 | 100.0 |
| Age (years) | | | | | | |
| 13 or less | 48,675 | 18.3 | 12,434 | 18.5 | 1,860 | 20.3 |
| 14 | 59,465 | 22.3 | 15,292 | 22.7 | 2,101 | 23.0 |
| 15 | 58,370 | 21.9 | 14,708 | 21.8 | 1,973 | 21.8 |
| 16 | 51,114 | 19.2 | 12,916 | 19.2 | 1,743 | 19.2 |
| 17 or older | 48,356 | 18.2 | 11,996 | 17.8 | 1,423 | 15.7 |
| Total | 266,280 | 100.0 | 67,346 | 100.0 | 9,100 | 100.0 |

* Surveyed students could not indicate if they were in Year 14 or Year 15 (i.e. repeating Year 12 or 13)

**147 students quit prior to this point in the survey



Reasons for students not participating

Amongst the 3248 selected students who did not complete the survey the most common reasons were being absent from school, being unavailable or declining to take part. 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.

Previous research has shown that students who do not participate in school health surveys have worse health and wellbeing status than students attending school and participating in health surveys (Bovet et al., 2006; Weitzman et al., 2003). This has implications for the generalisability of the findings in this report, because it indicates that there is likely to be a selection bias with the results from the participating students presenting a somewhat 'healthier' picture with fewer health-harming behaviours.

Table 3: Reasons for students not participating

| Reason | Number | Percent % |
|---|--------|-----------|
| Parents declined | 32 | 1.0% |
| Students declined | 305 | 9.4% |
| Absent from School | 730 | 22.5% |
| Students Unavailable | 338 | 10.4% |
| Students Unable to participate (can't use computer/language) | 41 | 1.3% |
| Students have left this school | 175 | 5.4% |
| Unknown/Other | 737 | 22.7% |
| Students who missed out because of technical problems - estimated | 150 | 1.0% |
| No information from school on non-participating students | 740 | 22.8% |
| Total | 3248 | 100% |



Students' response to taking part in Youth'07

The research assistants monitored the students during and after the survey to ensure that any issues arising from taking part in the survey were appropriately dealt with. All students received a 'thank you' card on completion of the survey that included names and contact phone numbers of people the students could contact to talk to if there were any issues arising out of taking part in the survey. There were few issues raised by the students during or after the survey and most students were very positive about taking part.

At the end of the questionnaire students were asked if they enjoyed answering the survey. Their responses are shown below. The majority of students reported that they thought it was okay or that they enjoyed answering the survey a lot.

Table 4: Students' response to taking part in Youth'07

| Did you enjoy answering this survey? | | | | | | |
|--------------------------------------|-------------|-------|------------------|---------------------|---------------------|---------------------|
| | | | Not at all | A little | It was okay | A lot |
| | | n | % | % | % | % |
| | | | | | | |
| Total | | 8,442 | 3.5 3.1 - 3.9 | 12.6 11.7 - 13.5 | 58.8 57.5 - 60.2 | 25.1 23.4 - 26.8 |
| | | | | | | |
| By Gender | Male | 4,519 | 5.1 4.5 - 5.6 | 15.1 14.0 - 16.3 | 56.4 54.7 - 58.1 | 23.4 21.5 - 25.3 |
| | Female | 3,923 | 1.7 1.4 - 2.1 | 9.7 8.8 - 10.5 | 61.6 59.7 - 63.5 | 27.0 24.9 - 29.2 |
| | | | | | | |
| By Age | 13 or less | 1,712 | 2.8 2.0 - 3.6 | 11.7 9.8 - 13.6 | 54.2 51.7 - 56.7 | 31.3 28.6 - 34.0 |
| | 14 | 1,949 | 3.8 2.8 - 4.8 | 11.9 10.4 - 13.4 | 58.0 55.6 - 60.4 | 26.4 23.9 - 28.9 |
| | 15 | 1,834 | 3.8 3.0 - 4.7 | 14.0 12.4 - 15.5 | 58.3 56.0 - 60.7 | 23.9 21.2 - 26.5 |
| | 16 | 1,615 | 3.0 2.1 - 3.9 | 13.3 11.4 - 15.1 | 61.7 59.1 - 64.3 | 22.0 19.6 - 24.5 |
| | 17 or older | 1,332 | 4.2 3.0 - 5.3 | 12.1 10.2 - 14.0 | 63.0 60.2 - 65.9 | 20.7 17.5 - 23.9 |



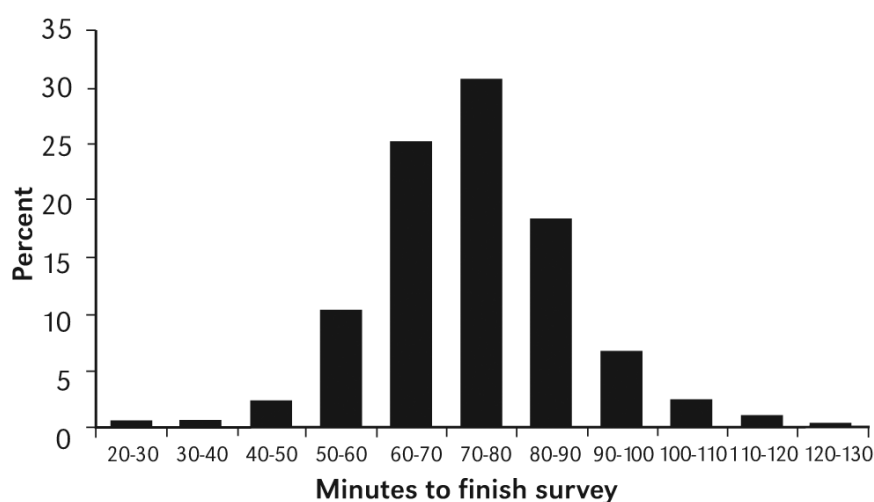
Time taken by students to complete the survey

The survey was designed to be completed within 2 class periods or about 2 hours, including the height, weight and waist circumference measurements and the geo-coding processes. The average time taken to complete the survey was 73 minutes. This did not vary by gender of the student. Older students were slightly quicker in completing the survey than younger students. Students from neighbourhoods with high levels of deprivation took longer on average to complete the survey than students from neighbourhoods with lower levels of deprivation.

Table 5: Time taken to complete survey

| | | n | Minutes |
|--------------|-------------|-------|---------------------|
| | | | Mean 95% CI |
| Total | | 9008 | 73.4 72.2 – 74.6 |
| By Gender | Male | 4,863 | 72.9 71.4 – 74.3 |
| | Female | 4,136 | 74.2 72.9 – 75.5 |
| By Age | 13 or less | 1,837 | 74.5 73.1 – 75.9 |
| | 14 | 2,069 | 74.5 73.2 – 75.9 |
| | 15 | 1,949 | 72.9 71.4 – 74.4 |
| | 16 | 1,731 | 73.5 72.0 – 75.0 |
| | 17 or older | 1,415 | 71.3 69.8 – 72.8 |
| By NZDep2006 | Low | 3,193 | 72.8 71.3 – 74.3 |
| | Medium | 3,360 | 73.5 72.3 – 74.8 |
| | High | 2,235 | 76.3 74.7 – 77.9 |
| By Geography | Urban | 7403 | 76.7 72.3 – 75.1 |
| | Rural | 1387 | 74.1 74.2 – 77.1 |

Figure 2: Histogram of time taken to complete survey



How to use the information in this report

The tables in this report present information reported by students who participated in the Youth'07 survey. This survey and the 2001 survey 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, when interpreting these results it is important to remember that only students who were at school on the day of the survey were included which may have an impact on whether the findings reflect the wider youth population. Also as the survey was carried out at a single time point, observed differences between groups of students do not necessarily indicate a cause and effect relationship.

The national youth health surveys have been designed to describe health and wellbeing issues for students attending secondary schools in New Zealand. To this end, we have randomly selected schools and randomly selected students from these schools to participate in these surveys. From the information we get from the students who participate, we estimate the prevalence of the various behaviours, risk factors etc in the New Zealand student population. The uncertainty of these estimates is indicated by their 95% confidence intervals. Confidence intervals indicate the precision of the estimated prevalence by providing an interval in which we are relatively sure the true prevalence (or New Zealand student population prevalence) lies. Wide confidence intervals indicate more uncertainty in the estimates. Note that all the confidence intervals in this report have been adjusted for the clustering of students within schools. This is because students from the same school are more alike than students from different schools (Murray, 1998).

Information broken down by gender, age, deprivation grouping and urban/ rural location of the student's home is presented in this report for the purposes of describing the health and wellbeing issues for these sub- groups of students in New Zealand. This is to inform schools, communities and families of particular issues and where resources might need to be

targeted. However, it is important not to place too much emphasis on apparent differences between groups especially when the numbers of students reporting on specific issues are small. As a rule of thumb, if the confidence intervals around two estimates do not overlap then the differences are more likely to be real.

Comparisons between 2001 & 2007

Comparisons between the results of the 2001 survey and the 2007 survey are shown in tables at the end of each section in this report. When interpreting the results from 2001 and 2007 it is important to consider not only all the issues raised in the preceding section on interpreting the results but also any differences in the methodology, response rates and differences of the student populations who participated. It is important to note that any change between 2001 and 2007 does not signify a trend until a further national youth health survey is conducted and a similar direction of change is observed.

To allow for comparisons between the 2001 survey and the 2007 survey, the Youth'07 survey followed a similar methodology to the 2001 survey with respect to sampling of schools, sampling of students, use of technology to enhance accuracy of reporting and use of similar or identical questions and response items within the survey questionnaire. The overall sample target size in both 2001 and 2007 was 10,000 students. In 2007 a slightly smaller number of schools were selected to take part (115 schools) compared to 2001 (133 schools). Accordingly a larger proportion of students in each school was invited to take part in 2007 (18%) compared to 2001 (15%). These differences are not expected to influence the comparisons in any way.



The response rate among schools and students was remarkably similar between the two surveys. In 2001, 86% of invited schools took part compared to 84% in 2007. In 2001, 75% of invited students took part, compared to 74% in 2007. Overall 4.0% of the total secondary school population took part in 2001, compared to 3.4% in 2007.

Table 6 shows the population characteristics of students who participated in 2001 and 2007. Students 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 2001 (54% vs. 46%). In 2007 these proportions were reversed and there were more male students compared to female students (54% vs. 46%). To allow for the differences in the proportions of male and females participating, all comparisons between the 2001 and 2007 surveys are broken down by gender.

Table 6: Characteristics of Participating Students from 2001 and 2007

| Variable | 2001 Students | | 2007 students | | |
|--------------------|---------------|---------|---------------|---------|--|
| | Number | Percent | Number | Percent | |
| Year | | | | | |
| Year 9 | 2458 | 26.1 | 2,176 | 24.2 | |
| Year 10 | 2233 | 23.8 | 2,090 | 23.4 | |
| Year 11 | 2157 | 22.9 | 1,933 | 21.6 | |
| Year 12 | 1580 | 16.8 | 1,669 | 18.7 | |
| Year 13 | 978 | 10.4 | 1,077 | 12.1 | |
| Total | 9406 | 100.0 | 8,945* | 100.0 | |
| Gender | | | | | |
| Male | 4416 | 46.2 | 4,911 | 54.0 | |
| Female | 5153 | 53.8 | 4,187 | 46.0 | |
| Total | 9569 | 100.0 | 9,098 | 100.0 | |
| Age (years) | | | | | |
| 13 or less | 1972 | 20.8 | 1,860 | 20.3 | |
| 14 | 2285 | 24.1 | 2,101 | 23.0 | |
| 15 | 2179 | 23.0 | 1,973 | 21.8 | |
| 16 | 1725 | 18.2 | 1,743 | 19.2 | |
| 17 or older | 1308 | 13.9 | 1,423 | 15.7 | |
| Total | 9469 | 100.0 | 9,100 | 100.0 | |

*147 students quit prior to this point in the survey

Some of the questions used changed slightly between the two surveys
- these changes are documented at the end of each table comparing results from 2001 to 2007.



Demographics and Geocoding

Tables are presented in this report by gender, age, New Zealand 2006 Deprivation Index (NZDep2006) grouping and an urban/rural classification. Where there are few students responding to specific questions, results are presented as totals or by gender, NZDep2006 and/or urban/rural classification only. Students self-report their age and gender at the beginning of the questionnaire; NZDep2006 and their urban/ rural classification are derived from geo-coding of the address of their usual place of residence.

Geocoding

Each student was asked to allow their address to be entered into a geo-coding program for the purposes of ascertaining the census meshblock number for their usual place of residence. For students who lived in two or more homes we asked them to provide the address of the home where they spent most of their time. When the student's address was entered, the identified meshblock number was recorded on a paper data collection form, and the address was deleted from the program. Hence only the meshblock number was recorded and not the student's address. This was to ensure the anonymity and confidentiality of participants in the Youth'07 survey.

Each student's meshblock number was matched with the meshblock number in a concordance file available from the Otago University Wellington School of Medicine social indicators research programme (Salmond et al., 2006).

This allowed for the additional data in the Concordance File to be merged with each student's data and each student's data file to include a NZ Deprivation Index Decile and score, and an Urban/Rural code.

However during this match merging it became apparent that some of the meshblock codes were outdated - the geo-coding program used during the survey used codes based on 2001 census meshblocks. In 2006 4,591 of those meshblocks (11%) had been split into smaller areas, resulting in a change in meshblock number. For the Youth'07 dataset this meant that for 1,157 students their recorded meshblock number matched to an obsolete 2001 meshblock, which had been split into more than one meshblock in 2006. This had implications for assigning a 2006 NZDep decile to these students, as the newly created 2006 meshblocks did not always have the same NZDep decile, and since we had not retained the student's address we could not determine which of the new 2006 meshblocks it was in.

In these cases a 2006 NZ Deprivation Index Decile could not be directly obtained.

Instead, a NZDep2006 score and decile was derived using methodology recommended by Salmond et al., (2007) that calculates a weighted average NZDep2006 score across the defined region, weighted by Usual Resident population counts for each meshblock within it. Once a NZDep2006 score was calculated, a NZDep2006 decile could then be attributed.

Table 7: Geocode match merging with 2006 Meshblock Numbers

| Outcome | Description | Number | % (95% CI) |
|----------------|--|--------|---------------|
| Matched | 2001 meshblock number matched to 2006 meshblock number | 7,708 | 84.6 |
| Derived | Geocode matched a single 2001 meshblock number but many 2006 meshblock numbers so NZDep was derived | 1,157 | 12.7 |
| NZDep Withheld | NZDep scores for 40 meshblocks are withheld because of small numbers | 2 | 0.0 |
| Declined | Students declined to record their Meshblock number | 64 | 0.7 |
| Missing | No record of student's geocode or their geocode did not match either a 2001 or a 2006 meshblock number | 176 | 1.9 |
| Total | | 9,107 | 100.0 |



NZ Deprivation Index Decile

NZDep2006 is an updated version of earlier indexes of socioeconomic deprivation and combines 9 variables from the 2006 census which reflect 8 dimensions of deprivation (see table below). The NZDep2006 Index Decile is a scale from 1 to 10 which divides the distribution of the NZDep2006 Index 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.

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

Table 8: Variables Included in the Construction of NZDep2006 Index

| Dimension of Deprivation | Variable of Description (in order of decreasing weight) |
|--------------------------|--|
| Income | People aged 18-64 receiving a means tested benefit |
| | People living in equivalised* households with income below an income threshold |
| Owned Home | People not living in own home |
| Support | People aged <85 living in a single parent family |
| Employment | People aged 18-64 unemployed |
| Qualifications | People aged 18-64 without any qualifications |
| Living Space | People living in equivalised* households below a bedroom occupancy threshold |
| Communication | People with no access to a telephone |
| Transport | People with no access to a car |

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

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.

Table 9: Distribution of students by NZ Deprivation Index Decile and Decile Groupings

| NZ Deprivation Decile | Number | Percent | Deprivation Groupings | Number in group | Percent in group |
|-----------------------|--------------|--------------|---------------------------|-----------------|------------------|
| 1 | 1,047 | 11.5 | Low (Deciles 1 – 3) | 3218 | 35.4 |
| 2 | 1,159 | 12.7 | | | |
| 3 | 1,012 | 11.1 | | | |
| 4 | 909 | 10.0 | Medium (Deciles 4 – 7) | 3397 | 37.3 |
| 5 | 878 | 9.6 | | | |
| 6 | 823 | 9.0 | | | |
| 7 | 787 | 8.6 | | | |
| 8 | 660 | 7.2 | High (Deciles 8 – 10) | 2250 | 24.7 |
| 9 | 754 | 8.2 | | | |
| 10 | 836 | 9.2 | | | |
| Unknown | 242 | 2.7 | Missing | 242 | 2.7 |
| Total | 9,107 | 100.0 | | 9,107 | 100.0 |



Urban/Rural Classification

Urban areas

Urban areas are statistically defined areas with no administrative or legal basis and are divided into main urban areas, secondary urban areas and minor urban areas. The urban area classification is designed to identify concentrated urban or semi-urban settlements without the distortions of administrative boundaries (Statistics New Zealand, 2007).

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

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

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

Rural areas

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

Due to the use of 2001 meshblock numbers, 43 students could not be mapped to single urban/ rural classification and were assigned a composite code. Students who lived in Main Urban areas, Secondary Urban areas and Minor Urban areas were classified as urban. If students had a composite classification they were assigned to urban if one of the descriptors included an urban area. Students who lived in rural centres and other rural areas were defined as rural. Approximately 15% of students were classified as rural.

Table 10: Distribution of Students by Urban/ Rural Classification

| Urban Rural Code | Urban Rural Description | Number | Percent |
|------------------|--|--------|---------|
| 1 | Main Urban Area | 6,211 | 68.2 |
| 2 | Secondary Urban Area | 484 | 5.3 |
| 3 | Minor Urban Area | 726 | 8.0 |
| 4 | Rural Centre | 176 | 1.9 |
| 5 | Other Rural | 1,214 | 13.3 |
| 6 | Other (Inland Water, Inlet, and Oceanic) | 13 | 0.1 |
| Composite | Composite classification | 43 | 0.5 |
| Unknown | Unknown | 240 | 2.6 |
| Total | | 9,107 | 100.0 |





The Results



Demographics

Distribution of students by gender

| | | Male | | Female | | Total | |
|--------------|-------------|-------|-------|--------|-------|-------|-------|
| | | n | % | n | % | n | % |
| | | | | | | | |
| Total | | 4,911 | 54.0 | 4,187 | 46.0 | 9,098 | 100.0 |
| | | | | | | | |
| By Age | 13 or less | 1,031 | 21.0 | 828 | 19.8 | 1,859 | 20.4 |
| | 14 | 1,138 | 23.2 | 962 | 23.0 | 2,100 | 23.1 |
| | 15 | 1,083 | 22.1 | 890 | 21.3 | 1,973 | 21.7 |
| | 16 | 928 | 18.9 | 815 | 19.5 | 1,743 | 19.2 |
| | 17 or older | 731 | 14.9 | 692 | 16.5 | 1,423 | 15.6 |
| | Total | 4,911 | 100.0 | 4,187 | 100.0 | 9,098 | 100.0 |
| | | | | | | | |
| By NZDep2006 | Low | 1,650 | 34.4 | 1,566 | 38.5 | 3,216 | 36.3 |
| | Medium | 1,925 | 40.2 | 1,471 | 36.2 | 3,396 | 38.3 |
| | High | 1,217 | 25.4 | 1,029 | 25.3 | 2,246 | 25.4 |
| | Total | 4,792 | 100.0 | 4,066 | 100.0 | 8,858 | 100.0 |
| | | | | | | | |
| By Geography | Urban | 4,049 | 84.5 | 3,397 | 83.5 | 7,446 | 84.0 |
| | Rural | 744 | 15.5 | 670 | 16.5 | 1,414 | 16.0 |
| | Total | 4,793 | 100.0 | 4,067 | 100.0 | 8,860 | 100.0 |

Distribution of students by NZ Deprivation Index Decile and Age

| | | NZDep2006 | | | | | |
|--------|-------------|-----------|-------|--------|-------|------|-------|
| | | Low | | Medium | | High | |
| | | n | % | n | % | n | n |
| | | | | | | | |
| Total | | 3216 | 36.3 | 3396 | 38.3 | 2246 | 25.4 |
| | | | | | | | |
| By Age | 13 or less | 578 | 18.0 | 690 | 20.3 | 532 | 23.7 |
| | 14 | 728 | 22.6 | 783 | 23.1 | 532 | 23.7 |
| | 15 | 736 | 22.9 | 733 | 21.6 | 469 | 20.9 |
| | 16 | 644 | 20.0 | 655 | 19.3 | 400 | 17.8 |
| | 17 or older | 530 | 16.5 | 535 | 15.8 | 313 | 13.9 |
| | Total | 3216 | 100.0 | 3396 | 100.0 | 2246 | 100.0 |

Distribution of students by geography

| | | Main Urban Area | | Secondary Urban Area | | Minor Urban Area | | TOTAL URBAN | | RURAL | |
|---------------------|-------------|-----------------|-------|----------------------|-------|------------------|-------|-------------|-------|-------|-------|
| | | n | % | n | % | n | % | n | % | n | % |
| | | | | | | | | | | | |
| Total | | 6,233 | 70.3 | 484 | 5.5 | 729 | 8.2 | 7,446 | 84.0 | 1,414 | 16.0 |
| | | | | | | | | | | | |
| By Gender | Male | 3,368 | 54.0 | 293 | 60.5 | 388 | 53.2 | 4,049 | 54.4 | 744 | 52.6 |
| | Female | 2,865 | 46.0 | 191 | 39.5 | 341 | 46.8 | 3,397 | 45.6 | 670 | 47.4 |
| | Total | 6,233 | 100.0 | 484 | 100.0 | 729 | 100.0 | 7,446 | 100.0 | 1,414 | 100.0 |
| | | | | | | | | | | | |
| By Age | 13 or less | 1,282 | 20.6 | 90 | 18.6 | 156 | 21.4 | 1,528 | 20.5 | 272 | 19.2 |
| | 14 | 1,430 | 22.9 | 110 | 22.7 | 153 | 21.0 | 1,693 | 22.7 | 350 | 24.8 |
| | 15 | 1,369 | 22.0 | 96 | 19.8 | 178 | 24.4 | 1,643 | 22.1 | 297 | 21.0 |
| | 16 | 1,171 | 18.8 | 98 | 20.3 | 146 | 20.0 | 1,415 | 19.0 | 284 | 20.1 |
| | 17 or older | 981 | 15.7 | 90 | 18.6 | 96 | 13.2 | 1,167 | 15.7 | 211 | 14.9 |
| | Total | 6,233 | 100.0 | 484 | 100.0 | 729 | 100.0 | 7,446 | 100.0 | 1,414 | 100.0 |
| | | | | | | | | | | | |
| By NZDep2006 | Low | 2,342 | 37.5 | 129 | 26.6 | 113 | 15.5 | 2,584 | 34.7 | 634 | 44.9 |
| | Medium | 2,203 | 35.3 | 208 | 42.9 | 370 | 50.8 | 2,079 | 27.9 | 616 | 43.6 |
| | High | 1,694 | 27.2 | 148 | 30.5 | 245 | 33.7 | 2,789 | 37.4 | 163 | 11.5 |
| | Total | 6,239 | 100.0 | 485 | 100.0 | 728 | 100.0 | 7,452 | 100.0 | 1,413 | 100.0 |

Note: Rural includes rural centres and other rural areas



Culture and Ethnicity

Culture and ethnicity influence the health and wellbeing of all young people in New Zealand. New Zealand is culturally diverse and unique in its make-up with respect to tangata whenua, the indigenous people of New Zealand. Questions on culture and ethnicity were developed from the 2001 survey with guidance from the Māori, Pacific and Asian advisory groups, academics and community and youth representatives.

Ethnicity identification is based on student self-report. Students were asked 'Which ethnic group do you belong to?' based on the New Zealand Census standard 2001/2006 ethnicity question. Students were able to choose more than one response from a list of 23 options derived from level two groupings of ethnicity (Statistics New Zealand, 2005). An additional question asked students to select one main ethnic group from the same list of response options with an additional response item, 'I can't choose only one ethnic group'. Based on their response they were asked further questions on Māori, Niuean, Tongan, the Cook Islands, Samoan, Indian, and/or Chinese cultures. Students who indicated that they identified with New Zealand European and other ethnic groups not already covered were asked for further information in general about their family's background and ethnic group.

Many students (40%) selected more than one ethnic group. Due to limitations around questionnaire length, students who selected more than one ethnic group were only able to answer 2 sections about their specific ethnicities. Students who identified with more than 2 ethnicities (12%) were limited to two sections: their main ethnic group and their prioritised ethnic group¹ if this was different from their main ethnic group. The aim was to ensure that students answered questions that were relevant to them while not being burdened by a large number of questions in the same domain.

Questions in this section explored languages spoken by their parents, their ability to speak their culture's language, their knowledge of their family origins, knowledge of their family's culture and ancestry and their pride and affiliation with their ethnicity and culture.

¹ Single level one prioritized ethnicity for each student which is based on the prioritization system developed by Statistics NZ using the following hierarchy: Māori > Pacific > Asian > Other > European. Statistics New Zealand (1996). Ethnicity - Standard Classification

Ethnicity of students (total ethnic reporting*)

(Students could choose more than one response option)

| | | European | | Māori | | Pacific Island | | Asian | | Other Ethnic Groups | |
|---------------------|-------------|----------|------|-------|------|----------------|------|-------|------|---------------------|------|
| | | n | % | n | % | n | % | n | % | n | % |
| Total | | 6,871 | 75.7 | 1,702 | 18.7 | 1,178 | 13.0 | 1,310 | 14.4 | 817 | 9.0 |
| By Gender | | | | | | | | | | | |
| | Male | 3,701 | 53.9 | 882 | 51.8 | 630 | 53.5 | 723 | 55.2 | 412 | 50.4 |
| | Female | 3,170 | 46.1 | 820 | 48.2 | 548 | 46.5 | 587 | 44.8 | 405 | 49.6 |
| By Age | | | | | | | | | | | |
| | 13 or less | 1,426 | 20.8 | 414 | 24.3 | 292 | 24.8 | 203 | 15.5 | 169 | 20.7 |
| | 14 | 1,648 | 24.0 | 434 | 25.5 | 267 | 22.7 | 254 | 19.4 | 179 | 21.9 |
| | 15 | 1,509 | 22.0 | 387 | 22.7 | 240 | 20.4 | 257 | 19.6 | 196 | 24.0 |
| | 16 | 1,287 | 18.7 | 268 | 15.8 | 224 | 19.0 | 286 | 21.8 | 160 | 19.6 |
| | 17 or older | 1,001 | 14.6 | 199 | 11.7 | 155 | 13.2 | 310 | 23.7 | 113 | 13.8 |
| By NZDep2006 | | | | | | | | | | | |
| | Low | 2,734 | 40.8 | 334 | 20.2 | 101 | 9.0 | 448 | 35.3 | 290 | 36.8 |
| | Medium | 2,695 | 40.2 | 577 | 34.9 | 283 | 25.1 | 542 | 42.7 | 278 | 35.3 |
| | High | 1,279 | 19.1 | 743 | 44.9 | 744 | 66.0 | 279 | 22.0 | 220 | 27.9 |
| By Geography | | | | | | | | | | | |
| | Urban | 5,374 | 80.1 | 1,380 | 83.4 | 1,077 | 95.5 | 1,237 | 97.5 | 710 | 90.1 |
| | Rural | 1,336 | 19.9 | 274 | 16.6 | 51 | 4.5 | 32 | 2.5 | 78 | 9.9 |

*Students' level two ethnicity was aggregated to level one ethnic groups. Students are counted in each of the five aggregated ethnic groups that is applicable to them. Consequently students who identify with more than one ethnic grouping are included in two or more of the five ethnic groups and it is inappropriate to compare these ethnic-specific proportions as mutually exclusive categories.

Ethnicity - number of ethnic groups reported

| Number of Ethnic Groups | n | % |
|-------------------------|-------|------|
| 1 | 5,501 | 60.6 |
| 2 | 2,521 | 27.8 |
| 3 | 788 | 8.7 |
| 4 or more | 270 | 3.0 |



Ethnicity - total ethnic reporting n = 9081

(Students could choose more than one response option)

| | n | % | | n | % |
|----------------------|-------|-------|-----------------------|-----|------|
| New Zealand European | 6,199 | 68.26 | Other Pacific Peoples | 90 | 0.99 |
| English | 1,386 | 15.26 | Filipino | 109 | 1.2 |
| Australian | 319 | 3.51 | Chinese | 537 | 5.91 |
| Dutch | 317 | 3.49 | Indian | 365 | 4.02 |
| Other European | 536 | 5.9 | Japanese | 90 | 0.99 |
| Māori | 1,702 | 18.74 | Korean | 196 | 2.16 |
| Samoa | 528 | 5.81 | Cambodian | 54 | 0.59 |
| Cook Island Māori | 285 | 3.14 | Other Asian | 179 | 1.97 |
| Tongan | 246 | 2.71 | Middle Eastern | 66 | 0.73 |
| Niuean | 124 | 1.37 | Latin American | 72 | 0.79 |
| Tokelauan | 77 | 0.85 | African | 179 | 1.97 |
| Fijian | 164 | 1.81 | Other | 596 | 6.57 |

Ethnicity - main ethnic group n = 9073

| | n | % | | n | % |
|----------------------|-------|------|-------------------------|-----|-----|
| New Zealand European | 5,323 | 58.7 | Other Pacific Peoples | 18 | 0.2 |
| English | 411 | 4.5 | Filipino | 53 | 0.6 |
| Australian | 56 | 0.6 | Chinese | 360 | 4.0 |
| Dutch | 40 | 0.4 | Indian | 292 | 3.2 |
| Other European | 112 | 1.2 | Japanese | 37 | 0.4 |
| Māori | 912 | 10.1 | Korean | 164 | 1.8 |
| Samoa | 331 | 3.7 | Other Asian | 115 | 1.3 |
| Cook Island Māori | 150 | 1.7 | Middle Eastern | 36 | 0.4 |
| Tongan | 149 | 1.6 | Latin American | 16 | 0.2 |
| Niuean | 47 | 0.5 | African | 97 | 1.1 |
| Tokelauan | 28 | 0.3 | Other | 124 | 1.4 |
| Fijian | 42 | 0.5 | I can't choose only one | 160 | 1.8 |

Student's country of birth n = 9074

| | n | % | | n | % |
|------------------------------|-------|------|-----------------|-----|-----|
| New Zealand | 6,933 | 76.4 | India | 132 | 1.5 |
| Australia | 229 | 2.5 | Sri Lanka | 27 | 0.3 |
| Samoa | 75 | 0.8 | Malaysia | 35 | 0.4 |
| Cook Islands | 29 | 0.3 | Indonesia | 8 | 0.1 |
| Fiji | 81 | 0.9 | Japan | 45 | 0.5 |
| Tonga | 33 | 0.4 | Europe | 127 | 1.4 |
| United Kingdom | 269 | 3.0 | Middle East | 44 | 0.5 |
| Niue | 8 | 0.1 | North America | 46 | 0.5 |
| China (People's Republic of) | 166 | 1.8 | South America | 23 | 0.3 |
| South Africa | 168 | 1.9 | Africa | 72 | 0.8 |
| Korea | 158 | 1.7 | Another country | 305 | 3.4 |
| Hong Kong | 61 | 0.7 | | | |



Parent's country of birth

| | Mother's country of birth n = 9059 | | Father's country of birth n = 9031 | |
|------------------------------|---------------------------------------|------|---------------------------------------|------|
| | n | % | n | % |
| New Zealand | 5,944 | 65.6 | 5,806 | 64.3 |
| Australia | 120 | 1.3 | 134 | 1.5 |
| Samoa | 297 | 3.3 | 322 | 3.6 |
| Cook Islands | 95 | 1.1 | 102 | 1.1 |
| Fiji | 124 | 1.4 | 135 | 1.5 |
| Tonga | 149 | 1.6 | 166 | 1.8 |
| United Kingdom | 438 | 4.8 | 518 | 5.7 |
| Niue | 35 | 0.4 | 41 | 0.5 |
| China (People's Republic of) | 231 | 2.6 | 222 | 2.5 |
| South Africa | 211 | 2.3 | 196 | 2.2 |
| Korea | 168 | 1.9 | 166 | 1.8 |
| Hong Kong | 58 | 0.6 | 67 | 0.7 |
| India | 177 | 2.0 | 185 | 2.1 |
| Sri Lanka | 33 | 0.4 | 34 | 0.4 |
| Malaysia | 70 | 0.8 | 64 | 0.7 |
| Indonesia | 9 | 0.1 | 14 | 0.2 |
| Japan | 47 | 0.5 | 40 | 0.4 |
| Europe | 211 | 2.3 | 252 | 2.8 |
| Middle East | 39 | 0.4 | 43 | 0.5 |
| Another country | 603 | 6.7 | 524 | 5.8 |



Māori

| | | Very proud of being Māori | | Very important or somewhat important to be recognised as a Māori person | | Satisfied or very satisfied with their knowledge of things Māori | | Can speak Māori fairly well, well, or very well | | Can understand spoken Māori fairly well, well, or very well | |
|--------------|-------------|---------------------------|---------------------|---|---------------------|--|---------------------|---|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 1,223 | 71.4 68.1 - 74.8 | 1336 | 77.9 75.4 - 80.5 | 819 | 48.1 44.7 - 51.4 | 540 | 31.5 28.5 - 34.5 | 640 | 37.3 33.9 - 40.7 |
| By Gender | Male | 635 | 71.8 67.7 - 75.8 | 680 | 76.7 73.2 - 80.1 | 430 | 48.9 45.0 - 52.8 | 248 | 28.1 24.1 - 32.0 | 309 | 34.9 30.8 - 38.9 |
| | Female | 588 | 71.1 66.6 - 75.6 | 656 | 79.3 75.8 - 82.9 | 389 | 47.2 42.6 - 51.8 | 292 | 35.2 31.4 - 39.0 | 331 | 39.9 35.7 - 44.2 |
| By Age | 13 or less | 315 | 75.7 70.6 - 80.8 | 341 | 81.9 78.1 - 85.6 | 236 | 56.7 50.7 - 62.7 | 141 | 33.8 28.7 - 38.9 | 164 | 39.4 34.1 - 44.8 |
| | 14 | 321 | 73.6 68.9 - 78.3 | 332 | 76.1 70.8 - 81.4 | 205 | 48.0 42.3 - 53.7 | 143 | 32.9 29.0 - 36.8 | 171 | 39.2 34.0 - 44.3 |
| | 15 | 268 | 67.8 62.1 - 73.5 | 300 | 76.0 71.7 - 80.4 | 182 | 46.4 40.9 - 51.8 | 126 | 31.9 26.8 - 37.0 | 144 | 36.4 31.4 - 41.5 |
| | 16 | 176 | 66.5 60.7 - 72.4 | 206 | 77.2 71.8 - 82.6 | 111 | 41.6 34.4 - 48.8 | 76 | 28.5 22.7 - 34.3 | 92 | 34.5 28.4 - 40.6 |
| | 17 or older | 143 | 71.5 65.2 - 77.8 | 157 | 78.7 73.0 - 84.3 | 85 | 42.6 34.9 - 50.3 | 54 | 26.9 20.4 - 33.3 | 69 | 34.3 26.8 - 41.7 |
| By NZDep2006 | Low | 193 | 57.6 50.7 - 64.5 | 228 | 67.7 61.9 - 73.6 | 117 | 34.9 30.1 - 39.7 | 67 | 19.8 15.2 - 24.4 | 86 | 25.5 21.0 - 30.0 |
| | Medium | 405 | 69.6 65.6 - 73.5 | 448 | 76.8 72.7 - 81.0 | 250 | 42.9 38.4 - 47.3 | 179 | 30.6 26.5 - 34.6 | 209 | 35.6 31.5 - 39.7 |
| | High | 594 | 78.6 75.0 - 82.3 | 628 | 83.1 80.2 - 85.9 | 432 | 57.7 53.8 - 61.6 | 281 | 37.4 33.7 - 41.1 | 327 | 43.4 39.3 - 47.6 |
| By Geography | Urban | 1,009 | 72.1 68.7 - 75.5 | 1105 | 78.8 76.3 - 81.3 | 685 | 49.0 45.5 - 52.6 | 460 | 32.8 29.8 - 35.8 | 539 | 38.4 34.9 - 42.0 |
| | Rural | 183 | 66.8 61.0 - 72.7 | 199 | 72.6 65.5 - 79.6 | 114 | 42.1 35.2 - 49.1 | 67 | 24.5 18.2 - 30.8 | 83 | 30.4 23.7 - 37.1 |



Source of knowledge of Māori culture
(Students could choose more than one response option)

| | Total | | By Gender | | By NZDep2006 | | | By Geography | |
|--|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Male | Female | 1 | 2 | 3 | Urban | Rural |
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| from parents | 947 | 61.6 58.4 - 64.8 | 58.1 54.2 - 62.1 | 65.2 60.9 - 69.4 | 52.1 45.3 - 58.9 | 60.6 55.4 - 65.8 | 66.6 62.6 - 70.5 | 63.2 60.1 - 66.4 | 53.8 46.5 - 61.2 |
| from relatives | 969 | 63.2 60.1 - 66.2 | 56.8 53.0 - 60.7 | 69.7 65.7 - 73.7 | 60.7 53.4 - 68.0 | 61.6 57.5 - 65.7 | 66.0 62.1 - 69.8 | 64.9 61.7 - 68.1 | 55.6 49.8 - 61.4 |
| on the Marae | 713 | 46.4 43.1 - 49.6 | 44.4 40.4 - 48.3 | 48.4 44.3 - 52.6 | 38.7 31.2 - 46.2 | 44.6 40.7 - 48.6 | 50.6 46.4 - 54.9 | 47.1 43.9 - 50.3 | 41.9 33.5 - 50.4 |
| at Kohanga Reo | 378 | 24.6 21.3 - 27.9 | 21.7 17.6 - 25.8 | 27.5 23.4 - 31.5 | 13.1 9.5 - 16.8 | 23.3 18.8 - 27.7 | 30.1 25.6 - 34.6 | 24.7 21.2 - 28.2 | 23.8 17.6 - 30.0 |
| at pre-school | 154 | 10.0 8.7 - 11.4 | 11.5 9.7 - 13.4 | 8.5 6.6 - 10.4 | 5.8 3.3 - 8.2 | 11.1 8.4 - 13.8 | 10.6 8.2 - 13.0 | 9.8 8.3 - 11.3 | 10.2 6.6 - 13.9 |
| at primary school | 919 | 59.8 56.8 - 62.7 | 56.3 53.0 - 59.6 | 63.3 58.9 - 67.7 | 61.3 55.8 - 66.7 | 63.7 58.5 - 68.9 | 57.1 53.4 - 60.7 | 58.3 55.1 - 61.6 | 70.1 64.5 - 75.6 |
| at secondary school | 877 | 57.2 53.7 - 60.7 | 52.3 47.3 - 57.3 | 62.2 58.4 - 66.0 | 53.0 46.4 - 59.5 | 61.4 56.4 - 66.3 | 55.5 51.6 - 59.4 | 58.5 54.6 - 62.4 | 49.3 43.7 - 55.0 |
| a language group | 109 | 7.1 5.8 - 8.5 | 5.7 4.1 - 7.4 | 8.6 6.3 - 10.8 | 3.6 1.6 - 5.7 | 7.5 5.2 - 9.7 | 7.9 5.9 - 10.0 | 7.1 5.6 - 8.5 | 6.3 3.7 - 8.9 |
| at work | 13 | 0.8 0.4 - 1.2 | 1.3 0.5 - 2.0 | 0.4 0.0 - 0.8 | 0.7 0.0 - 1.7 | 0.8 0.0 - 1.5 | 1.0 0.3 - 1.6 | 0.8 0.3 - 1.2 | 1.3 0.0 - 2.5 |
| as part of a community or sports group | 121 | 7.8 6.6 - 9.1 | 6.9 5.2 - 8.6 | 8.8 7.0 - 10.6 | 7.9 4.4 - 11.4 | 8.6 6.0 - 11.3 | 7.2 5.5 - 8.9 | 8.0 6.6 - 9.4 | 7.0 3.8 - 10.2 |
| other | 185 | 11.9 10.4 - 13.5 | 11.9 9.6 - 14.2 | 11.9 9.7 - 14.2 | 9.4 6.5 - 12.4 | 10.8 7.9 - 13.6 | 14.0 11.5 - 16.4 | 12.4 10.8 - 14.0 | 10.0 5.6 - 14.4 |

Niuean

| | | Very proud of being Niuean | | Very important, important or somewhat important to be recognised as a Niuean person | | 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 79 | 76.1 68.1 - 84.1 | 90 | 83.6 75.0 - 92.1 | 49 | 47.6 35.6 - 59.6 | 25 | 24.2 14.8 - 33.5 | 50 | 49.0 38.6 - 59.5 |
| By Gender | Male | 40 | 74.3 61.6 - 87.0 | 47 | 84.4 73.6 - 95.1 | 25 | 47.4 32.7 - 62.0 | 14 | 26.5 12.2 - 40.8 | 29 | 54.9 42.5 - 67.3 |
| | Female | 39 | 78.0 65.8 - 90.1 | 43 | 82.7 71.7 - 93.7 | 24 | 47.9 33.0 - 62.8 | 11 | 21.7 9.6 - 33.8 | 21 | 42.7 28.2 - 57.2 |



Samoa

| | | Very proud of being Samoan | | Very important, important or somewhat important to be recognised as a Samoan person | | 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 406 | 88.3 85.3 - 91.3 | 433 | 93.1 90.8 - 95.5 | 291 | 63.1 58.3 - 67.8 | 280 | 60.5 54.4 - 66.6 | 330 | 71.3 64.9 - 77.7 |
| By Gender | Male | 239 | 90.8 87.0 - 94.7 | 243 | 91.0 86.2 - 95.7 | 166 | 62.5 55.8 - 69.3 | 165 | 62.1 54.5 - 69.8 | 197 | 74.0 65.1 - 82.8 |
| | Female | 167 | 84.9 80.8 - 89.0 | 190 | 96.1 94.0 - 98.2 | 125 | 63.8 57.6 - 70.1 | 115 | 58.2 49.3 - 67.1 | 133 | 67.7 60.3 - 75.1 |

Cook Island

| | | Very proud of being a Cook Islander | | Very important, important or somewhat important 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 201 | 80.7 74.8 - 86.5 | 215 | 86.6 81.7 - 91.6 | 147 | 60.2 52.9 - 67.6 | 75 | 30.1 23.5 - 36.6 | 108 | 43.2 36.3 - 50.0 |
| By Gender | Male | 89 | 78.7 70.5 - 87.0 | 93 | 83.0 75.8 - 90.2 | 64 | 58.7 48.8 - 68.6 | 30 | 26.5 17.8 - 35.1 | 45 | 39.4 30.4 - 48.5 |
| | Female | 112 | 82.3 76.6 - 87.9 | 122 | 89.6 84.0 - 95.2 | 83 | 61.4 52.6 - 70.3 | 45 | 33.0 25.1 - 41.0 | 63 | 46.3 36.2 - 56.3 |

Tongan

| | | Very proud of being Tongan | | Very important, important or somewhat important to be recognised as a Tongan person | | 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 196 | 89.1 84.3 - 94.0 | 202 | 91.9 88.3 - 95.4 | 152 | 69.1 61.6 - 76.6 | 143 | 64.7 56.8 - 72.7 | 161 | 72.9 64.6 - 81.1 |
| By Gender | Male | 102 | 87.2 81.4 - 92.9 | 108 | 92.3 87.7 - 96.9 | 80 | 68.3 58.6 - 78.1 | 74 | 62.7 54.6 - 70.8 | 85 | 72.0 62.5 - 81.5 |
| | Female | 94 | 91.4 84.2 - 98.6 | 94 | 91.4 85.0 - 97.8 | 72 | 70.0 60.1 - 79.9 | 69 | 67.1 57.3 - 76.8 | 76 | 73.9 64.3 - 83.5 |



Chinese

| | | Very proud of being Chinese | | Very important, important or somewhat important to be recognised as being of Chinese background | | 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 273 | 55.6 51.6 - 59.5 | 391 | 79.4 75.0 - 83.9 | 232 | 47.3 42.1 - 52.5 | 345 | 70.3 61.5 - 79.0 | 372 | 75.8 67.2 - 84.3 |
| By Gender | Male | 161 | 57.6 53.5 - 61.7 | 225 | 80.3 75.2 - 85.4 | 136 | 48.7 41.6 - 55.7 | 199 | 71.3 61.8 - 80.8 | 216 | 77.4 67.5 - 87.3 |
| | Female | 112 | 52.8 44.6 - 61.0 | 166 | 78.3 72.8 - 83.7 | 96 | 45.5 39.6 - 51.4 | 146 | 68.9 58.6 - 79.2 | 156 | 73.6 64.0 - 83.2 |

Indian

| | | Very proud of being Indian | | Very important, important or somewhat important to be recognised as being of Indian background | | 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 243 | 71.0 66.5 - 75.4 | 290 | 84.5 80.3 - 88.7 | 241 | 70.6 65.7 - 75.4 | 230 | 67.6 61.0 - 74.1 | 248 | 72.9 66.5 - 79.3 |
| By Gender | Male | 129 | 70.4 64.7 - 76.1 | 152 | 82.5 76.9 - 88.2 | 130 | 71.0 62.0 - 80.0 | 123 | 67.9 60.6 - 75.1 | 135 | 74.5 66.6 - 82.5 |
| | Female | 114 | 71.6 63.7 - 79.5 | 138 | 86.8 80.8 - 92.8 | 111 | 70.2 63.6 - 76.7 | 107 | 67.2 59.1 - 75.4 | 113 | 71.0 64.3 - 77.7 |

European

*includes New Zealand European and other European (e.g. English, Australian, Dutch etc)

| | | Very proud of being a person from their family's culture | | Very important, important or somewhat important 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 4,390 | 73.6 72.3 - 74.9 | 4683 | 80.0 78.8 - 81.1 | 3,871 | 64.9 63.6 - 66.2 | 5,215 | 87.2 86.1 - 88.3 | 5,315 | 88.9 87.9 - 90.0 |
| By Gender | Male | 2,366 | 74.0 72.5 - 75.4 | 2469 | 78.2 76.7 - 79.7 | 2166 | 67.8 66.2 - 69.3 | 2,842 | 88.5 87.2 - 89.7 | 2,896 | 90.1 88.8 - 91.4 |
| | Female | 2,024 | 73.2 71.1 - 75.2 | 2214 | 82.0 80.4 - 83.7 | 1705 | 61.5 59.6 - 63.5 | 2,373 | 85.7 84.2 - 87.3 | 2,419 | 87.5 86.2 - 88.9 |



Middle Eastern, Latin American, African

| | | Very proud of being a person from their family's culture | | Very important, important or somewhat important 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 199 | 82.2 77.1 - 87.3 | 217 | 89.6 86.0 - 93.2 | 174 | 72.4 66.1 - 78.7 | 184 | 76.9 70.5 - 83.3 | 201 | 84.0 79.3 - 88.7 |
| By Gender | Male | 104 | 85.1 78.6 - 91.6 | 109 | 89.2 84.2 - 94.3 | 90 | 74.8 68.5 - 81.0 | 96 | 79.2 70.7 - 87.7 | 105 | 86.6 80.2 - 92.9 |
| | Female | 95 | 79.2 71.9 - 86.4 | 108 | 90.0 85.6 - 94.4 | 84 | 70.0 58.5 - 81.5 | 88 | 74.5 67.3 - 81.8 | 96 | 81.3 73.4 - 89.2 |

Other Pacific

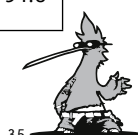
(includes Tokelauan, Fijian, and Other Pacific)

| | | Very proud of being a person from their family's culture | | Very important, important or somewhat important 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 108 | 77.5 69.6 - 85.5 | 123 | 87.9 81.0 - 94.8 | 94 | 67.5 58.9 - 76.1 | 92 | 66.5 57.5 - 75.4 | 101 | 72.0 61.4 - 82.6 |
| By Gender | Male | 64 | 78.0 68.1 - 87.9 | 73 | 87.9 79.9 - 95.9 | 58 | 70.7 61.2 - 80.2 | 59 | 71.9 60.9 - 82.9 | 63 | 75.0 62.3 - 87.7 |
| | Female | 44 | 76.9 65.0 - 88.8 | 50 | 87.8 77.0 - 98.5 | 36 | 62.8 48.4 - 77.3 | 33 | 58.4 44.6 - 72.2 | 38 | 67.5 53.8 - 81.1 |

Other Asian

(includes Filipino, Japanese, Korean, Cambodian, and other Asian)

| | | Very proud of being a person from their family's culture | | Very important, important or somewhat important 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 339 | 71.9 68.8 - 75.1 | 430 | 91.1 89.1 - 93.1 | 303 | 64.2 59.8 - 68.7 | 387 | 82.1 78.2 - 86.0 | 411 | 87.4 84.0 - 90.7 |
| By Gender | Male | 192 | 73.3 67.9 - 78.8 | 236 | 90.1 87.1 - 93.1 | 174 | 66.7 60.6 - 72.9 | 215 | 81.9 76.0 - 87.7 | 229 | 87.2 82.5 - 91.9 |
| | Female | 147 | 70.1 63.8 - 76.5 | 194 | 92.3 89.3 - 95.3 | 129 | 61.1 54.5 - 67.8 | 172 | 82.3 77.6 - 87.1 | 182 | 87.6 83.3 - 91.8 |



Other

| | | Very proud of being a person from their family's culture | | Very important, important or somewhat important 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 340 | 74.6 70.6 - 78.7 | 378 | 82.9 79.8 - 86.0 | 301 | 66.3 62.0 - 70.6 | 371 | 81.8 77.8 - 85.9 | 379 | 83.6 80.0 - 87.3 |
| By Gender | Male | 182 | 75.7 69.6 - 81.8 | 192 | 79.8 75.5 - 84.1 | 161 | 67.5 61.3 - 73.6 | 198 | 82.4 76.7 - 88.1 | 207 | 86.2 81.7 - 90.7 |
| | Female | 158 | 73.4 67.9 - 78.9 | 186 | 86.4 82.1 - 90.7 | 140 | 65.0 59.0 - 71.0 | 173 | 81.2 76.5 - 85.9 | 172 | 80.7 76.0 - 85.5 |

Only includes students who selected 'other' as one of their ethnic groups

Comparison 2001 – 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Students who belong to more than one ethnic group* | | | | | |
| Total | | 3196 | 33.6 31.6 - 35.7 | 3561 | 39.2 36.9 - 41.6 |
| By Gender | Male | 1506 | 34.3 32.0 - 36.5 | 1851 | 37.8 34.9 - 40.7 |
| | Female | 1690 | 33.1 30.4 - 35.8 | 1710 | 41.0 38.6 - 43.4 |

*Response options changed from 2001 to 2007. In 2001 students were given 27 ethnicities to choose from using branching questions. In 2007 students could choose from 24 ethnicities only.



Home and Family

Supportive, safe and caring homes and families are essential to the health and wellbeing of young people. Young people need adults who care about them, support them, supervise and look out for them. They also need meaningful participation in family life, high expectations for their behaviour and safety from physical and emotional harm (Gray & Steinberg, 1999).

This section includes questions on family background, the number of homes young people live in, caring and supportive parental relationships, and family circumstances.



Family Background

Number of homes a student lives in

| | | One | | Two or more | |
|---------------------|-------------|-------|---------------------|-------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| | | | | | |
| Total | | 6,422 | 71.4 69.9 - 72.8 | 2,578 | 28.6 27.2 - 30.1 |
| | | | | | |
| By Gender | Male | 3,435 | 70.6 68.9 - 72.4 | 1,423 | 29.4 27.6 - 31.1 |
| | Female | 2,987 | 72.2 70.4 - 74.0 | 1,155 | 27.8 26.0 - 29.6 |
| | | | | | |
| By Age | 13 or less | 1,288 | 70.5 68.0 - 73.0 | 540 | 29.5 27.0 - 32.0 |
| | 14 | 1,473 | 70.8 68.8 - 72.9 | 606 | 29.2 27.1 - 31.2 |
| | 15 | 1,373 | 70.1 67.8 - 72.3 | 587 | 29.9 27.7 - 32.2 |
| | 16 | 1,253 | 72.4 69.9 - 74.9 | 475 | 27.6 25.1 - 30.1 |
| | 17 or older | 1,035 | 73.7 71.4 - 76.1 | 370 | 26.3 23.9 - 28.6 |
| | | | | | |
| By NZDep2006 | Low | 2,465 | 76.8 75.0 - 78.6 | 742 | 23.2 21.4 - 25.0 |
| | Medium | 2,335 | 69.0 67.3 - 70.7 | 1,044 | 31.0 29.3 - 32.7 |
| | High | 1,498 | 67.2 64.2 - 70.2 | 739 | 32.8 29.8 - 35.8 |
| | | | | | |
| By Geography | Urban | 5,273 | 71.1 69.6 - 72.6 | 2,144 | 28.9 27.4 - 30.4 |
| | Rural | 1,026 | 72.9 70.1 - 75.6 | 382 | 27.1 24.4 - 29.9 |



Who do students live with? (Students could choose more than one response option)

| | One home | | Two or more homes | | | |
|-----------------------------|----------|---------------------|-------------------|---------------------|-------------|---------------------|
| | | | Main Home | | Second Home | |
| | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| mother | 6,067 | 94.3 93.4 - 95.2 | 1,936 | 75.5 73.8 - 77.2 | 803 | 31.8 29.5 - 34.1 |
| father | 5,399 | 84.0 82.4 - 85.6 | 1,086 | 42.3 39.3 - 45.3 | 1,414 | 56.2 53.8 - 58.7 |
| parent's partner | 285 | 4.4 3.7 - 5.1 | 464 | 18.1 16.0 - 20.3 | 538 | 21.4 19.3 - 23.5 |
| brother(s) and/or sister(s) | 4,656 | 72.5 70.9 - 74.1 | 1,385 | 54.1 51.8 - 56.4 | 925 | 36.7 34.8 - 38.6 |
| grandparent(s) | 372 | 5.8 4.7 - 6.8 | 227 | 8.9 7.4 - 10.3 | 341 | 13.5 11.7 - 15.4 |
| other relatives | 285 | 4.5 3.5 - 5.4 | 207 | 8.1 6.4 - 9.8 | 337 | 13.3 11.1 - 15.6 |
| friend(s) | 53 | 0.8 0.6 - 1.0 | 72 | 2.8 2.1 - 3.5 | 167 | 6.7 5.5 - 7.8 |
| friend's parents | 11 | 0.2 0.1 - 0.3 | 24 | 0.9 0.5 - 1.4 | 63 | 2.5 1.8 - 3.2 |
| girlfriend or boyfriend | 59 | 0.9 0.7 - 1.2 | 67 | 2.6 1.8 - 3.3 | 91 | 3.5 2.7 - 4.4 |
| foster parent(s) | 20 | 0.3 0.2 - 0.4 | 31 | 1.2 0.8 - 1.6 | 35 | 1.4 0.9 - 1.8 |
| flatmate(s) or boarder(s) | 124 | 1.9 1.4 - 2.4 | 88 | 3.4 2.6 - 4.3 | 121 | 4.7 3.5 - 5.9 |
| someone else | 127 | 2.0 1.6 - 2.3 | 108 | 4.2 3.4 - 5.0 | 191 | 7.5 6.5 - 8.6 |

Who do students live with? (Students could choose more than one response option) (summarised to mutually exclusive categories)

| | One home | | Two or more homes | | | |
|----------------------|----------|---------------------|-------------------|---------------------|-------------|---------------------|
| | | | Main Home | | Second Home | |
| | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Two 'parents' | 5,447 | 84.8 83.1 - 86.4 | 1,147 | 44.7 42.2 - 47.3 | 843 | 33.6 31.3 - 35.8 |
| One 'parent' | 836 | 13.0 11.6 - 14.3 | 1,165 | 45.4 42.8 - 47.9 | 1,050 | 41.6 39.0 - 44.1 |
| Other family members | 101 | 1.5 1.1 - 1.9 | 163 | 6.3 5.0 - 7.7 | 395 | 15.7 13.6 - 17.8 |
| No family members | 48 | 0.7 0.5 - 1.0 | 91 | 3.5 2.7 - 4.4 | 231 | 9.2 7.8 - 10.5 |

'Parents' include mother, father and/or parent's partner

Family Relationships

People who act as a parent for students

(students could choose more than one response option)

| | | Mother | | Father | | Grand parents | | Parent's partner | | Other Relatives* | | Other Adults** | |
|---------------------|-------------|--------|---------------------|--------|---------------------|---------------|---------------------|------------------|-------------------|------------------|---------------------|----------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 8,076 | 89.9 88.9 - 90.9 | 6,858 | 76.4 74.8 - 77.9 | 1,199 | 13.4 12.2 - 14.6 | 689 | 7.7 6.8 - 8.6 | 1,867 | 20.8 18.9 - 22.8 | 602 | 6.7 6.0 - 7.3 |
| By Gender | Male | 4,328 | 89.2 88.1 - 90.3 | 3,734 | 77.0 75.1 - 78.9 | 689 | 14.3 12.7 - 15.8 | 345 | 7.1 6.1 - 8.2 | 964 | 19.9 17.7 - 22.2 | 317 | 6.5 5.7 - 7.4 |
| | Female | 3,748 | 90.7 89.5 - 92.0 | 3,124 | 75.6 73.8 - 77.4 | 510 | 12.3 10.8 - 13.9 | 344 | 8.3 7.1 - 9.6 | 903 | 21.9 19.5 - 24.2 | 285 | 6.9 5.9 - 7.8 |
| By Age | 13 or less | 1,637 | 89.8 88.2 - 91.3 | 1,383 | 75.8 73.6 - 78.1 | 317 | 17.4 15.5 - 19.3 | 155 | 8.5 7.0 - 10.0 | 451 | 24.8 22.3 - 27.3 | 119 | 6.5 5.2 - 7.8 |
| | 14 | 1,873 | 90.4 88.7 - 92.0 | 1,579 | 76.3 73.9 - 78.6 | 303 | 14.7 12.8 - 16.6 | 172 | 8.3 7.1 - 9.6 | 483 | 23.4 20.7 - 26.1 | 142 | 6.9 5.8 - 7.9 |
| | 15 | 1,760 | 90.0 88.7 - 91.3 | 1,483 | 75.8 73.3 - 78.3 | 254 | 13.0 11.3 - 14.8 | 166 | 8.5 7.0 - 10.0 | 392 | 20.0 17.5 - 22.5 | 133 | 6.7 5.5 - 7.9 |
| | 16 | 1,538 | 89.1 87.6 - 90.5 | 1,326 | 76.8 74.5 - 79.0 | 183 | 10.6 8.8 - 12.4 | 118 | 6.8 5.5 - 8.1 | 317 | 18.4 15.9 - 20.9 | 116 | 6.7 5.4 - 8.0 |
| | 17 or older | 1,268 | 90.3 88.5 - 92.1 | 1,087 | 77.4 74.8 - 80.1 | 142 | 10.2 8.4 - 11.9 | 78 | 5.6 4.1 - 7.1 | 224 | 16.0 13.6 - 18.4 | 92 | 6.5 5.3 - 7.7 |
| By NZDep2006 | Low | 2,986 | 93.3 92.3 - 94.2 | 2,656 | 82.9 81.5 - 84.3 | 324 | 10.2 8.9 - 11.5 | 222 | 6.9 5.7 - 8.2 | 475 | 14.9 13.4 - 16.4 | 175 | 5.5 4.7 - 6.3 |
| | Medium | 3,031 | 89.8 88.5 - 91.1 | 2,546 | 75.5 73.8 - 77.2 | 412 | 12.2 11.2 - 13.2 | 279 | 8.3 7.2 - 9.4 | 624 | 18.4 16.7 - 20.2 | 229 | 6.8 5.8 - 7.7 |
| | High | 1,912 | 85.4 84.1 - 86.8 | 1,526 | 68.2 65.5 - 70.9 | 436 | 19.6 17.5 - 21.6 | 182 | 8.2 6.8 - 9.6 | 717 | 32.2 29.0 - 35.3 | 184 | 8.2 7.1 - 9.3 |
| By Geography | Urban | 6,656 | 89.8 88.7 - 90.9 | 5,616 | 75.8 74.1 - 77.5 | 1,036 | 14.0 12.6 - 15.4 | 566 | 7.7 6.7 - 8.7 | 1,613 | 21.8 19.7 - 23.9 | 477 | 6.4 5.7 - 7.1 |
| | Rural | 1,274 | 90.8 89.1 - 92.4 | 1,113 | 79.2 77.0 - 81.4 | 136 | 9.7 8.0 - 11.5 | 117 | 8.3 6.8 - 9.9 | 204 | 14.5 12.4 - 16.5 | 111 | 8.0 6.6 - 9.3 |

*Other relatives includes siblings, and other relatives

**Other adults includes friends' parents, another adult or adults



Family relationships

| | | Family has fun together a lot or often | | Student's relationship with family – I'm happy how we get along | | Family members get along well or very well | |
|---------------------|-------------|--|---------------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 5,501 | 61.2 59.9 - 62.6 | 6,309 | 70.5 69.3 - 71.7 | 7,220 | 80.5 79.5 - 81.4 |
| By Gender | Male | 2,982 | 61.5 59.4 - 63.6 | 3,636 | 75.2 73.9 - 76.6 | 3,978 | 82.1 80.8 - 83.3 |
| | Female | 2,519 | 60.9 59.3 - 62.4 | 2,673 | 64.9 63.6 - 66.3 | 3,242 | 78.6 77.4 - 79.9 |
| By Age | 13 or less | 1,266 | 69.3 67.0 - 71.6 | 1,335 | 73.2 71.0 - 75.3 | 1,507 | 82.7 80.8 - 84.7 |
| | 14 | 1,295 | 62.5 60.0 - 65.0 | 1,458 | 70.7 68.4 - 73.1 | 1,661 | 80.2 78.2 - 82.3 |
| | 15 | 1,133 | 57.8 54.8 - 60.8 | 1,330 | 68.2 66.2 - 70.1 | 1,548 | 79.2 77.3 - 81.0 |
| | 16 | 988 | 57.3 54.8 - 59.8 | 1,161 | 67.7 65.1 - 70.3 | 1,380 | 80.1 77.7 - 82.5 |
| | 17 or older | 819 | 58.5 55.4 - 61.7 | 1,025 | 73.2 71.0 - 75.5 | 1,124 | 80.3 78.0 - 82.6 |
| By NZDep2006 | Low | 2,017 | 62.8 60.8 - 64.8 | 2,307 | 72.2 70.5 - 73.8 | 2,646 | 82.6 81.3 - 83.9 |
| | Medium | 2,023 | 59.9 58.2 - 61.7 | 2,378 | 70.6 68.9 - 72.2 | 2,685 | 79.7 78.3 - 81.1 |
| | High | 1,357 | 60.7 58.4 - 62.9 | 1,507 | 67.9 65.7 - 70.2 | 1,753 | 78.5 76.5 - 80.5 |
| By Geography | Urban | 4,494 | 60.6 59.2 - 62.0 | 5,191 | 70.3 69.0 - 71.5 | 5,916 | 79.9 78.9 - 80.9 |
| | Rural | 904 | 64.3 61.2 - 67.3 | 1,002 | 71.5 68.8 - 74.3 | 1,169 | 83.4 81.1 - 85.6 |

Parental Connectedness

| | | 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 caring | |
|--------------|-------------|---|---------------------|---------------------------------|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 6,414 | 71.9 70.6 - 73.2 | 8,052 | 90.3 89.6 - 91.1 | 6,767 | 75.9 74.6 - 77.1 |
| By Gender | Male | 3,559 | 73.9 72.3 - 75.6 | 4,367 | 90.8 89.8 - 91.8 | 3,671 | 76.3 74.7 - 77.9 |
| | Female | 2,855 | 69.4 67.8 - 71.0 | 3,685 | 89.8 88.8 - 90.8 | 3,096 | 75.4 73.8 - 76.9 |
| By Age | 13 or less | 1,383 | 76.4 74.5 - 78.3 | 1,629 | 90.0 88.4 - 91.5 | 1,413 | 78.0 76.1 - 80.0 |
| | 14 | 1,511 | 73.7 71.6 - 75.8 | 1,813 | 88.5 87.0 - 89.9 | 1,552 | 75.4 72.9 - 77.8 |
| | 15 | 1,358 | 69.7 67.2 - 72.2 | 1,764 | 90.5 89.2 - 91.8 | 1,442 | 74.1 72.0 - 76.2 |
| | 16 | 1,171 | 67.9 65.4 - 70.4 | 1,560 | 91.1 89.7 - 92.6 | 1,284 | 74.7 72.3 - 77.1 |
| | 17 or older | 991 | 71.3 68.8 - 73.8 | 1,286 | 92.4 91.0 - 93.8 | 1,076 | 77.6 75.7 - 79.6 |
| By NZDep2006 | Low | 2,374 | 74.2 72.1 - 76.2 | 2,960 | 92.5 91.6 - 93.3 | 2,513 | 78.5 76.7 - 80.3 |
| | Medium | 2,401 | 71.6 69.6 - 73.5 | 3,043 | 90.5 89.5 - 91.5 | 2,560 | 76.3 74.7 - 78.0 |
| | High | 1,531 | 69.3 67.3 - 71.3 | 1,931 | 87.3 85.7 - 88.8 | 1,590 | 72.0 70.2 - 73.7 |
| By Geography | Urban | 5,300 | 71.9 70.5 - 73.2 | 6,652 | 90.2 89.4 - 91.0 | 5,592 | 75.9 74.6 - 77.1 |
| | Rural | 1,007 | 72.3 69.1 - 75.4 | 1,283 | 91.5 89.9 - 93.1 | 1,072 | 76.9 74.0 - 79.8 |



Do students get enough time with their mothers?

| | | | Most of the time | Sometimes | Hardly ever |
|--------------|-------------|-------|---------------------|---------------------|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | |
| Total | | 8,736 | 46.2 44.8 - 47.6 | 39.6 38.4 - 40.8 | 14.2 13.3 - 15.1 |
| | | | | | |
| By Gender | Male | 4,705 | 49.7 48.0 - 51.3 | 38.9 37.5 - 40.4 | 11.4 10.5 - 12.4 |
| | Female | 4,031 | 42.1 40.1 - 44.1 | 40.4 38.5 - 42.3 | 17.5 16.3 - 18.8 |
| | | | | | |
| By Age | 13 or less | 1,768 | 48.7 46.3 - 51.0 | 38.3 35.9 - 40.8 | 13.0 11.3 - 14.7 |
| | 14 | 2,007 | 47.3 44.8 - 49.8 | 38.5 36.6 - 40.5 | 14.1 12.3 - 16.0 |
| | 15 | 1,908 | 47.1 44.7 - 49.4 | 38.0 35.6 - 40.5 | 14.9 13.2 - 16.6 |
| | 16 | 1,684 | 42.7 39.8 - 45.6 | 41.5 38.7 - 44.3 | 15.8 13.9 - 17.7 |
| | 17 or older | 1,369 | 44.4 42.0 - 46.8 | 42.5 40.1 - 44.9 | 13.1 11.4 - 14.8 |
| | | | | | |
| By NZDep2006 | Low | 3,157 | 50.6 48.8 - 52.3 | 38.4 36.8 - 40.0 | 11.0 9.8 - 12.3 |
| | Medium | 3,298 | 45.6 43.9 - 47.3 | 40.0 38.1 - 41.8 | 14.5 13.2 - 15.8 |
| | High | 2,132 | 40.8 38.7 - 42.9 | 40.5 38.1 - 42.9 | 18.7 16.6 - 20.8 |
| | | | | | |
| By Geography | Urban | 7,225 | 45.5 44.0 - 47.0 | 39.9 38.7 - 41.2 | 14.6 13.5 - 15.6 |
| | Rural | 1,364 | 50.2 47.6 - 52.8 | 37.2 34.9 - 39.5 | 12.6 10.7 - 14.6 |





Reasons students gave for not getting enough time with their mother* (students could choose more than one response option)

| | | 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,824 | 61.6 60.0 - 63.3 | 886 | 19.3 18.1 - 20.5 | 2,329 | 50.8 48.8 - 52.7 | 331 | 7.2 6.4 - 8.0 | 1,137 | 24.7 23.0 - 26.5 | 583 | 12.7 11.2 - 14.2 |
| | | | | | | | | | | | | | |
| By Gender | Male | 1,339 | 58.6 56.4 - 60.8 | 409 | 17.9 16.3 - 19.4 | 1,032 | 45.2 42.8 - 47.5 | 129 | 5.6 4.7 - 6.6 | 542 | 23.8 21.1 - 26.4 | 333 | 14.5 12.3 - 16.7 |
| | Female | 1,485 | 64.6 62.4 - 66.9 | 477 | 20.7 18.9 - 22.6 | 1,297 | 56.3 54.0 - 58.7 | 202 | 8.8 7.6 - 10.0 | 595 | 25.7 24.0 - 27.4 | 250 | 10.8 9.1 - 12.6 |
| By Age | | | | | | | | | | | | | |
| | 13 or less | 544 | 61.8 58.7 - 64.8 | 165 | 18.4 16.1 - 20.7 | 520 | 59.2 55.7 - 62.7 | 45 | 5.1 3.7 - 6.6 | 132 | 14.7 12.6 - 16.8 | 91 | 10.1 7.8 - 12.5 |
| | 14 | 624 | 60.3 57.9 - 62.7 | 191 | 18.5 15.9 - 21.1 | 562 | 54.1 50.8 - 57.4 | 72 | 6.9 5.3 - 8.6 | 240 | 23.0 20.2 - 25.8 | 111 | 10.8 8.3 - 13.3 |
| | 15 | 617 | 62.2 58.3 - 66.0 | 191 | 19.4 16.8 - 22.0 | 514 | 51.7 48.2 - 55.3 | 83 | 8.3 6.8 - 9.8 | 278 | 28.0 24.3 - 31.7 | 115 | 11.5 9.2 - 13.7 |
| | 16 | 584 | 62.5 58.9 - 66.0 | 183 | 19.6 17.0 - 22.1 | 406 | 43.4 40.3 - 46.6 | 71 | 7.5 5.6 - 9.4 | 272 | 29.2 26.3 - 32.1 | 145 | 15.4 12.4 - 18.4 |
| | 17 or older | 455 | 61.5 57.6 - 65.4 | 156 | 21.0 17.9 - 24.1 | 327 | 44.2 40.3 - 48.1 | 60 | 8.1 6.1 - 10.1 | 215 | 29.1 25.5 - 32.7 | 121 | 16.3 13.9 - 18.8 |
| By NZDep2006 | | | | | | | | | | | | | |
| | Low | 967 | 63.9 61.3 - 66.5 | 297 | 19.7 17.8 - 21.6 | 753 | 49.7 47.2 - 52.2 | 110 | 7.2 5.8 - 8.7 | 396 | 26.1 24.0 - 28.2 | 157 | 10.3 8.6 - 12.0 |
| | Medium | 1,073 | 61.5 59.1 - 63.9 | 322 | 18.3 16.5 - 20.2 | 868 | 49.6 46.6 - 52.5 | 122 | 7.0 5.9 - 8.0 | 465 | 26.5 23.9 - 29.2 | 231 | 13.2 11.1 - 15.4 |
| By Geography | High | 729 | 58.5 55.8 - 61.3 | 243 | 19.6 17.4 - 21.7 | 669 | 53.9 51.2 - 56.6 | 92 | 7.4 6.1 - 8.7 | 261 | 21.0 17.8 - 24.1 | 185 | 14.8 12.4 - 17.2 |
| | | | | | | | | | | | | | |
| | Urban | 2,376 | 61.7 60.0 - 63.4 | 751 | 19.5 18.2 - 20.7 | 1,972 | 51.1 49.0 - 53.2 | 290 | 7.5 6.6 - 8.4 | 977 | 25.3 23.4 - 27.2 | 463 | 12.0 10.6 - 13.3 |
| | Rural | 393 | 60.6 56.5 - 64.7 | 111 | 17.2 13.7 - 20.6 | 318 | 49.0 45.5 - 52.6 | 34 | 5.2 3.3 - 7.1 | 145 | 22.3 19.2 - 25.4 | 110 | 16.9 12.8 - 21.0 |

* Among students who do not get enough time with their mother (i.e. sometimes or hardly ever get enough time)

Do students get enough time with their fathers?

| | | | Most of the time | Sometimes | Hardly ever |
|--------------|-------------|-------|---------------------|---------------------|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | |
| Total | | 8,367 | 39.0 37.6 - 40.4 | 37.6 36.5 - 38.8 | 23.3 22.1 - 24.6 |
| | | | | | |
| By Gender | Male | 4,528 | 45.8 44.0 - 47.6 | 35.2 33.7 - 36.8 | 18.9 17.5 - 20.3 |
| | Female | 3,839 | 31.0 29.6 - 32.4 | 40.5 39.0 - 41.9 | 28.6 27.0 - 30.1 |
| | | | | | |
| By Age | 13 or less | 1,685 | 43.5 41.4 - 45.5 | 35.7 33.8 - 37.6 | 20.8 18.8 - 22.8 |
| | 14 | 1,909 | 40.7 38.2 - 43.2 | 36.7 34.5 - 39.0 | 22.6 20.3 - 24.8 |
| | 15 | 1,832 | 38.4 36.0 - 40.9 | 37.1 34.5 - 39.7 | 24.4 21.9 - 27.0 |
| | 16 | 1,631 | 35.6 32.9 - 38.3 | 39.0 36.3 - 41.7 | 25.4 22.9 - 27.9 |
| | 17 or older | 1,310 | 36.0 32.9 - 39.0 | 40.4 37.8 - 43.0 | 23.6 21.3 - 25.9 |
| | | | | | |
| By NZDep2006 | Low | 3,094 | 41.3 39.2 - 43.3 | 39.0 37.3 - 40.7 | 19.7 18.1 - 21.3 |
| | Medium | 3,157 | 38.3 36.5 - 40.0 | 36.5 34.7 - 38.2 | 25.3 23.6 - 26.9 |
| | High | 1,975 | 36.6 34.4 - 38.9 | 37.1 35.0 - 39.1 | 26.3 24.0 - 28.6 |
| | | | | | |
| By Geography | Urban | 6,895 | 37.8 36.3 - 39.3 | 38.0 36.8 - 39.2 | 24.2 22.8 - 25.6 |
| | Rural | 1,333 | 45.3 43.3 - 47.4 | 35.3 32.8 - 37.8 | 19.4 17.0 - 21.7 |



Reasons students gave for not getting enough time with their father* (students could choose more than one response option)

| | | He's at work | | He's out | | He is busy with housework, 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 | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 3,627 | 72.2 70.6 - 73.7 | 1,263 | 25.1 23.7 - 26.6 | 1,142 | 22.7 21.4 - 23.9 | 599 | 11.9 11.1 - 12.8 | 1,082 | 21.5 20.3 - 22.8 | 1,314 | 26.1 24.1 - 28.0 |
| | | | | | | | | | | | | | |
| By Gender | Male | 1,636 | 68.3 65.8 - 70.7 | 540 | 22.4 20.2 - 24.7 | 482 | 20.1 18.6 - 21.5 | 239 | 10.0 8.9 - 11.0 | 487 | 20.3 18.5 - 22.0 | 671 | 27.8 24.9 - 30.8 |
| | Female | 1,991 | 75.7 74.0 - 77.5 | 723 | 27.6 26.0 - 29.2 | 660 | 25.1 23.4 - 26.8 | 360 | 13.7 12.7 - 14.8 | 595 | 22.7 20.9 - 24.4 | 643 | 24.5 22.5 - 26.4 |
| By Age | 13 or less | 692 | 73.7 70.7 - 76.7 | 223 | 23.8 21.1 - 26.4 | 216 | 23.0 20.3 - 25.6 | 86 | 9.1 7.3 - 10.9 | 126 | 13.2 10.7 - 15.8 | 260 | 27.5 24.1 - 31.0 |
| | 14 | 803 | 72.1 69.4 - 74.7 | 274 | 24.6 21.7 - 27.6 | 278 | 25.0 22.8 - 27.3 | 131 | 11.8 9.7 - 13.9 | 210 | 18.8 16.9 - 20.8 | 292 | 26.1 23.1 - 29.0 |
| | 15 | 805 | 71.9 69.0 - 74.8 | 287 | 25.7 22.7 - 28.7 | 269 | 24.0 21.5 - 26.4 | 131 | 11.7 10.1 - 13.3 | 266 | 23.8 21.2 - 26.5 | 278 | 24.8 21.7 - 27.9 |
| | 16 | 737 | 71.3 68.5 - 74.1 | 277 | 26.8 23.8 - 29.7 | 219 | 21.1 18.6 - 23.6 | 137 | 13.3 11.3 - 15.3 | 255 | 24.8 22.5 - 27.1 | 274 | 26.6 23.5 - 29.6 |
| | 17 or older | 590 | 72.0 69.1 - 74.8 | 202 | 24.6 21.3 - 27.9 | 160 | 19.5 16.7 - 22.3 | 114 | 13.9 11.8 - 16.0 | 225 | 27.4 24.1 - 30.6 | 210 | 25.5 22.2 - 28.8 |
| By NZDep2006 | Low | 1,368 | 76.1 74.2 - 78.1 | 462 | 25.7 23.6 - 27.8 | 421 | 23.4 21.1 - 25.7 | 210 | 11.7 10.4 - 13.0 | 396 | 22.1 20.0 - 24.3 | 370 | 20.6 18.6 - 22.7 |
| | Medium | 1,350 | 70.5 68.3 - 72.6 | 452 | 23.6 21.8 - 25.5 | 382 | 19.9 18.4 - 21.4 | 220 | 11.5 10.2 - 12.8 | 411 | 21.5 19.7 - 23.3 | 575 | 30.0 27.5 - 32.4 |
| | High | 844 | 68.5 65.8 - 71.1 | 326 | 26.4 24.2 - 28.6 | 316 | 25.6 23.3 - 27.8 | 161 | 13.1 11.4 - 14.8 | 260 | 20.9 18.3 - 23.5 | 355 | 28.5 24.9 - 32.1 |
| By Geography | Urban | 3,045 | 71.8 70.2 - 73.4 | 1,088 | 25.7 24.1 - 27.2 | 979 | 23.0 21.7 - 24.4 | 505 | 11.9 11.0 - 12.8 | 930 | 21.9 20.6 - 23.3 | 1,117 | 26.3 24.1 - 28.5 |
| | Rural | 517 | 73.3 69.5 - 77.1 | 152 | 21.5 18.7 - 24.4 | 140 | 19.8 16.8 - 22.9 | 86 | 12.3 9.7 - 14.8 | 137 | 19.4 16.2 - 22.6 | 183 | 25.7 22.2 - 29.2 |

* Among students who do not get enough time with their father (i.e. sometimes or hardly ever get enough time)

Family knowledge of student

| | | Parents know a lot about my friends | | Family always wants to know where I am and who I am with | | Parents know a lot about where I go after school | |
|---------------------|-------------|-------------------------------------|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 4,235 | 47.3 45.8 - 48.7 | 5,336 | 59.6 57.6 - 61.6 | 6,184 | 69.1 67.6 - 70.6 |
| By Gender | Male | 2,181 | 45.1 43.6 - 46.5 | 2,540 | 52.5 50.5 - 54.5 | 3,249 | 67.2 65.5 - 69.0 |
| | Female | 2,054 | 49.9 47.9 - 51.8 | 2,796 | 68.0 66.2 - 69.7 | 2,935 | 71.3 69.5 - 73.2 |
| By Age | 13 or less | 859 | 47.2 44.2 - 50.1 | 1,151 | 63.1 60.3 - 66.0 | 1,355 | 74.5 72.2 - 76.8 |
| | 14 | 959 | 46.5 44.2 - 48.8 | 1,257 | 61.0 58.3 - 63.8 | 1,471 | 71.4 69.2 - 73.5 |
| | 15 | 869 | 44.5 41.9 - 47.1 | 1,137 | 58.3 55.7 - 60.9 | 1,295 | 66.5 64.1 - 68.8 |
| | 16 | 815 | 47.4 44.8 - 50.0 | 996 | 58.0 54.5 - 61.4 | 1,109 | 64.5 61.6 - 67.4 |
| | 17 or older | 733 | 52.2 49.3 - 55.1 | 795 | 56.8 54.1 - 59.5 | 954 | 68.1 65.4 - 70.8 |
| By NZDep2006 | Low | 1,646 | 51.4 49.4 - 53.3 | 1,934 | 60.3 57.9 - 62.7 | 2,385 | 74.5 72.9 - 76.1 |
| | Medium | 1,592 | 47.1 45.2 - 49.1 | 1,949 | 57.8 55.4 - 60.2 | 2,331 | 69.1 67.1 - 71.1 |
| | High | 933 | 41.8 39.9 - 43.7 | 1,358 | 60.9 57.8 - 64.0 | 1,374 | 61.6 59.0 - 64.2 |
| By Geography | Urban | 3,471 | 46.8 45.2 - 48.5 | 4,443 | 60.0 57.9 - 62.1 | 5,068 | 68.5 66.9 - 70.1 |
| | Rural | 700 | 49.8 46.9 - 52.6 | 798 | 56.8 53.8 - 59.7 | 1,023 | 72.8 69.9 - 75.6 |

Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Students whose parents care about them (a lot) | | | | | |
| Total | | 8662 | 92.7 92.0 - 93.4 | 8052 | 90.3 89.6 - 91.1 |
| By Gender | Male | 3984 | 93.1 92.1 - 94.0 | 4367 | 90.8 89.8 - 91.8 |
| | Female | 4678 | 92.4 91.6 - 93.2 | 3685 | 89.8 88.8 - 90.8 |
| Students who get enough time with their parents (most of the time)* | | | | | |
| Total | | 5752 | 61.8 60.5 - 63.1 | 5024 | 56.5 55.1 - 57.9 |
| By Gender | Male | 2692 | 62.9 60.9 - 64.9 | 2966 | 61.8 59.9 - 63.7 |
| | Female | 3060 | 60.9 59.3 - 62.6 | 2058 | 50.3 48.5 - 52.1 |
| Most of the time feel close to mother and/or father | | | | | |
| Total | | 6640 | 71.3 70.2 - 72.5 | 6414 | 71.9 70.6 - 73.1 |
| By Gender | Male | 3116 | 72.8 71.3 - 74.3 | 3559 | 73.9 72.2 - 75.6 |
| | Female | 3524 | 70.1 68.6 - 71.6 | 2855 | 69.4 67.8 - 71.1 |
| Student's relationship with family – I'm happy how we get along | | | | | |
| Total | | 5437 | 58.5 57.2 - 59.9 | 6309 | 70.5 69.3 - 71.6 |
| By Gender | Male | 2724 | 63.7 62.1 - 65.3 | 3636 | 75.2 73.9 - 76.5 |
| | Female | 2713 | 54.1 52.6 - 55.6 | 2673 | 64.9 63.5 - 66.3 |

*Question format change from 2001 to 2007 with same response options.

2001: Most weeks you get enough time to spend with your dad (or someone who acts as your dad)?

2007: Do you get to spend enough time with him (your dad)?



Family Circumstances

Family resources

| | | Moved home 2 or more times in last 12 months | | Neither parent working | | No computer or laptop within student's home | | More than 2 people per bedroom | |
|--------------|-------------|--|---------------------|------------------------|------------------|---|---------------------|--------------------------------|--------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 1143 | 12.8 11.7 - 13.9 | 154 | 1.8 1.4 - 2.1 | 526 | 5.9 4.6 - 7.1 | 427 | 4.8 3.5 - 6.1 |
| By Gender | Male | 577 | 12.0 10.7 - 13.3 | 84 | 1.8 1.3 - 2.2 | 287 | 5.9 4.5 - 7.3 | 221 | 4.6 3.2 - 5.9 |
| | Female | 566 | 13.8 12.4 - 15.2 | 70 | 1.7 1.2 - 2.3 | 239 | 5.8 4.2 - 7.4 | 206 | 5.0 3.4 - 6.6 |
| By Age | 13 or less | 277 | 15.3 12.8 - 17.7 | 31 | 1.8 1.1 - 2.4 | 148 | 8.0 6.2 - 9.8 | 109 | 6.0 4.1 - 7.9 |
| | 14 | 270 | 13.2 11.4 - 15.0 | 35 | 1.7 1.0 - 2.5 | 133 | 6.5 5.1 - 7.9 | 78 | 3.8 2.6 - 5.1 |
| | 15 | 251 | 12.9 11.4 - 14.4 | 29 | 1.5 1.0 - 2.0 | 115 | 5.9 4.2 - 7.6 | 86 | 4.4 2.9 - 5.8 |
| | 16 | 203 | 11.9 9.8 - 14.0 | 29 | 1.7 1.0 - 2.4 | 70 | 4.1 2.8 - 5.4 | 78 | 4.6 3.1 - 6.1 |
| | 17 or older | 142 | 10.1 8.3 - 11.9 | 30 | 2.2 1.4 - 3.0 | 60 | 4.3 2.9 - 5.8 | 76 | 5.5 3.7 - 7.3 |
| By NZDep2006 | Low | 281 | 8.8 7.7 - 9.8 | 34 | 1.1 0.7 - 1.5 | 63 | 2.0 1.4 - 2.6 | 45 | 1.4 0.9 - 1.8 |
| | Medium | 420 | 12.5 11.2 - 13.7 | 39 | 1.2 0.8 - 1.5 | 160 | 4.7 3.9 - 5.6 | 103 | 3.0 2.3 - 3.8 |
| | High | 420 | 18.9 16.8 - 21.1 | 75 | 3.5 2.5 - 4.5 | 289 | 12.9 10.6 - 15.3 | 265 | 12.0 9.2 - 14.8 |
| By Geography | Urban | 993 | 13.4 12.2 - 14.7 | 136 | 1.9 1.5 - 2.3 | 441 | 6.0 4.5 - 7.4 | 364 | 4.9 3.4 - 6.4 |
| | Rural | 128 | 9.1 7.3 - 10.9 | 13 | 0.9 0.4 - 1.4 | 71 | 5.0 3.7 - 6.3 | 49 | 3.5 2.3 - 4.7 |

Parents worry about not having enough money for food

| | | | Never | Occasionally or Sometimes | Often or All the time |
|--------------|-------------|------|---------------------|---------------------------|-----------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | |
| Total | | 8431 | 64.4 61.4 - 67.4 | 27.8 25.7 - 29.9 | 7.8 6.8 - 8.8 |
| | | | | | |
| By Gender | Male | 4561 | 66.1 62.4 - 69.8 | 27.2 24.4 - 30.0 | 6.7 5.4 - 7.9 |
| | Female | 3870 | 62.4 59.2 - 65.6 | 28.5 26.1 - 30.8 | 9.1 7.8 - 10.4 |
| | | | | | |
| By Age | 13 or less | 1671 | 56.4 52.9 - 59.8 | 33.2 30.3 - 36.0 | 10.5 8.7 - 12.2 |
| | 14 | 1931 | 62.1 59.1 - 65.1 | 30.1 27.5 - 32.7 | 7.8 6.4 - 9.2 |
| | 15 | 1849 | 66.7 63.4 - 70.0 | 25.7 23.1 - 28.3 | 7.6 5.8 - 9.4 |
| | 16 | 1631 | 68.6 64.7 - 72.6 | 24.5 21.4 - 27.6 | 6.9 5.3 - 8.4 |
| | 17 or older | 1349 | 69.4 65.5 - 73.3 | 24.6 21.6 - 27.7 | 5.9 4.6 - 7.3 |
| | | | | | |
| By NZDep2006 | Low | 3035 | 74.3 71.6 - 77.1 | 21.4 19.2 - 23.6 | 4.3 3.3 - 5.3 |
| | Medium | 3191 | 65.6 62.9 - 68.2 | 27.1 24.9 - 29.3 | 7.3 6.3 - 8.4 |
| | High | 2083 | 48.3 45.2 - 51.3 | 38.0 35.5 - 40.5 | 13.7 12.0 - 15.5 |
| | | | | | |
| By Geography | Urban | 6984 | 63.5 60.1 - 67.0 | 28.3 25.9 - 30.8 | 8.2 7.0 - 9.3 |
| | Rural | 1327 | 69.5 66.1 - 72.9 | 24.6 22.0 - 27.3 | 5.9 4.1 - 7.7 |



Places other than bedrooms used as bedrooms

| | | Living room | | Garage | | Caravan | | Other rooms that aren't bedrooms | |
|---------------------|-------------|-------------|---------------------|--------|--------------------|---------|------------------|----------------------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| | | | | | | | | | |
| Total | | 891 | 10.0 8.4 - 11.6 | 524 | 5.9 4.8 - 7.0 | 134 | 1.5 1.2 - 1.9 | 691 | 7.7 7.2 - 8.2 |
| | | | | | | | | | |
| By Gender | Male | 545 | 11.3 9.5 - 13.1 | 307 | 6.4 4.9 - 7.9 | 91 | 1.9 1.5 - 2.3 | 396 | 8.2 7.6 - 8.9 |
| | Female | 346 | 8.5 6.7 - 10.3 | 217 | 5.3 4.2 - 6.4 | 43 | 1.1 0.7 - 1.4 | 295 | 7.1 6.4 - 7.9 |
| | | | | | | | | | |
| By Age | 13 or less | 199 | 11.0 8.7 - 13.2 | 104 | 5.8 4.4 - 7.1 | 32 | 1.8 1.1 - 2.5 | 142 | 7.8 6.8 - 8.9 |
| | 14 | 215 | 10.5 8.8 - 12.3 | 115 | 5.6 4.3 - 7.0 | 46 | 2.3 1.6 - 3.0 | 163 | 7.9 6.8 - 9.0 |
| | 15 | 184 | 9.4 7.6 - 11.2 | 130 | 6.7 5.1 - 8.3 | 23 | 1.2 0.7 - 1.7 | 161 | 8.3 6.9 - 9.6 |
| | 16 | 160 | 9.4 7.4 - 11.4 | 100 | 5.8 4.3 - 7.3 | 15 | 0.9 0.4 - 1.4 | 128 | 7.5 6.3 - 8.6 |
| | 17 or older | 133 | 9.6 7.5 - 11.7 | 75 | 5.3 3.9 - 6.7 | 18 | 1.3 0.6 - 2.0 | 97 | 6.9 5.6 - 8.2 |
| | | | | | | | | | |
| By NZDep2006 | Low | 190 | 6.0 5.1 - 6.8 | 106 | 3.3 2.5 - 4.1 | 34 | 1.1 0.7 - 1.5 | 251 | 7.9 6.9 - 8.8 |
| | Medium | 253 | 7.5 6.4 - 8.6 | 174 | 5.2 4.2 - 6.1 | 53 | 1.6 1.1 - 2.0 | 250 | 7.3 6.4 - 8.2 |
| | High | 428 | 19.3 16.7 - 21.9 | 235 | 10.6 8.6 - 12.7 | 47 | 2.1 1.4 - 2.8 | 174 | 7.8 6.9 - 8.8 |
| | | | | | | | | | |
| By Geography | Urban | 784 | 10.6 8.8 - 12.4 | 461 | 6.3 5.0 - 7.5 | 93 | 1.3 1.0 - 1.6 | 573 | 7.7 7.2 - 8.2 |
| | Rural | 88 | 6.3 4.7 - 7.9 | 54 | 3.8 2.3 - 5.2 | 41 | 3.0 1.8 - 4.1 | 102 | 7.3 6.1 - 8.5 |



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Moved home 2 or more times in last 12 months | | | | | |
| Total | | 1032 | 11.0 9.9 - 12.1 | 1143 | 12.8 11.7 - 14.0 |
| | | | | | |
| By Gender | Male | 418 | 9.7 8.4 - 11.0 | 577 | 12.0 10.6 - 13.3 |
| | Female | 614 | 12.1 10.7 - 13.5 | 566 | 13.7 12.2 - 15.3 |
| Parents worry often or all the time about not having enough money for food | | | | | |
| Total | | 663 | 7.7 6.9 - 8.6 | 660 | 7.8 6.7 - 8.9 |
| | | | | | |
| By Gender | Male | 269 | 6.8 5.9 - 7.8 | 307 | 6.7 5.5 - 8.0 |
| | Female | 394 | 8.5 7.3 - 9.7 | 353 | 9.1 7.8 - 10.4 |
| More than 2 people per bedroom* | | | | | |
| Total | | 446 | 4.9 3.5 - 6.3 | 425 | 4.8 3.5 - 6.1 |
| | | | | | |
| By Gender | Male | 184 | 4.3 3.0 - 5.6 | 220 | 4.6 3.2 - 5.9 |
| | Female | 262 | 5.2 3.4 - 6.9 | 205 | 5.0 3.4 - 6.6 |

*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. Overcrowding was defined if either home had more than 2 people per bedroom.



School

Students spend a considerable amount of time in school settings and active engagement in school is associated with better health and wellbeing outcomes for young people. Schools need to provide effective learning environments along with high expectations for their students, meaningful participation in school life and caring adult relationships at school (Wingspread Declaration, 2004). Furthermore, supporting and enhancing student health and wellbeing has many advantages for schools, mainly that healthy students are better able to take advantage of the learning and development opportunities school offers them (Lee et al., 2006).

This section includes questions on students' perceptions of their engagement and participation in school activities, relationships and expectations of staff at their school, academic orientation of students, family participation in schooling, truancy, and plans following secondary school.

Safety at school is of increasing concern among parents and educators. Research suggests that up to 30% of anxiety and depressive symptoms among secondary school students can be attributed to being bullied at school (Bond et al., 2001). This section also reports on students' safety in school settings and the prevalence of bullying at school.



Student Engagement

How students feel about school

| | | | I like school a lot | I like school a bit | It's ok | I don't like school | I don't like school at all |
|-----------------|-------------|-------|------------------------|------------------------|---------------------|------------------------|-------------------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,947 | 23.0 21.1 - 24.9 | 26.4 25.5 - 27.4 | 38.4 36.9 - 39.8 | 8.5 7.7 - 9.4 | 3.7 3.1 - 4.2 |
| By Gender | Male | 4,831 | 20.9 18.8 - 23.0 | 26.4 25.1 - 27.7 | 39.8 38.2 - 41.5 | 8.8 7.7 - 9.9 | 4.1 3.4 - 4.8 |
| | Female | 4,116 | 25.5 23.1 - 27.9 | 26.5 24.8 - 28.2 | 36.6 34.8 - 38.5 | 8.2 7.2 - 9.3 | 3.1 2.5 - 3.7 |
| By Age | 13 or less | 1,822 | 27.4 24.4 - 30.3 | 26.4 23.9 - 28.8 | 37.5 34.8 - 40.1 | 6.2 5.0 - 7.5 | 2.6 1.8 - 3.3 |
| | 14 | 2,060 | 21.1 18.5 - 23.7 | 26.5 24.6 - 28.4 | 39.9 37.3 - 42.5 | 8.3 7.1 - 9.6 | 4.1 3.4 - 4.9 |
| | 15 | 1,957 | 18.7 16.5 - 20.9 | 26.1 24.2 - 28.0 | 39.8 38.1 - 41.5 | 10.4 8.6 - 12.1 | 5.0 4.0 - 6.0 |
| | 16 | 1,711 | 21.9 19.1 - 24.8 | 25.7 23.6 - 27.8 | 38.4 35.4 - 41.4 | 10.3 8.5 - 12.1 | 3.7 2.7 - 4.7 |
| | 17 or older | 1,397 | 27.4 24.8 - 30.0 | 27.9 25.5 - 30.4 | 35.3 32.4 - 38.1 | 7.0 5.4 - 8.6 | 2.4 1.5 - 3.4 |
| By NZDep2006 | Low | 3,208 | 21.4 19.2 - 23.6 | 30.0 28.5 - 31.4 | 36.4 34.0 - 38.9 | 8.4 7.3 - 9.4 | 3.8 3.0 - 4.6 |
| | Medium | 3,375 | 22.0 19.7 - 24.2 | 25.9 24.4 - 27.4 | 37.9 36.1 - 39.8 | 9.9 8.7 - 11.1 | 4.3 3.5 - 5.0 |
| | High | 2,235 | 26.8 23.4 - 30.2 | 22.4 21.2 - 23.6 | 41.4 38.8 - 44.0 | 6.9 5.4 - 8.4 | 2.5 1.7 - 3.3 |
| By Geography | Urban | 7,415 | 23.6 21.6 - 25.6 | 26.6 25.5 - 27.7 | 38.1 36.6 - 39.6 | 8.2 7.3 - 9.2 | 3.4 2.9 - 4.0 |
| | Rural | 1,405 | 19.8 16.9 - 22.7 | 25.9 23.4 - 28.5 | 39.0 36.2 - 41.8 | 10.4 9.0 - 11.9 | 4.8 3.6 - 6.1 |



What do students enjoy about their school (students could choose more than one response option)

| | hanging out with friends | | doing school work | | sports | | Kapa-haka or cultural activities | | other arts and/or music | | being away from home | | some other reason | | I don't enjoy school at all | | |
|--------------|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------------------|--------------------|-------------------------|---------------------|----------------------|---------------------|---------------------|---------------------|-----------------------------|------------------|------------------|
| | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | |
| Total | | | | | | | | | | | | | | | | | |
| | 8,453 | 94.5 94.0 - 95.1 | 2,360 | 26.4 24.1 - 28.7 | 5,423 | 60.6 58.4 - 62.8 | 896 | 10.0 8.3 - 11.7 | 2,841 | 31.7 29.5 - 33.9 | 1,820 | 20.3 18.9 - 21.7 | 1,983 | 22.2 21.1 - 23.2 | 143 | 1.6 1.3 - 1.9 | |
| By Gender | | | | | | | | | | | | | | | | | |
| | Male | 4,509 | 93.4 92.6 - 94.2 | 1,112 | 23.1 20.6 - 25.6 | 3,325 | 68.9 66.9 - 70.8 | 404 | 8.4 6.5 - 10.2 | 1,304 | 27.0 24.1 - 29.8 | 764 | 15.9 14.5 - 17.2 | 1,137 | 23.6 22.4 - 24.8 | 90 | 1.9 1.5 - 2.2 |
| | Female | 3,944 | 95.8 95.1 - 96.5 | 1,248 | 30.4 27.8 - 33.0 | 2,098 | 50.8 48.3 - 53.3 | 492 | 11.9 9.8 - 14.0 | 1,537 | 37.3 35.1 - 39.6 | 1,056 | 25.5 23.8 - 27.2 | 846 | 20.5 19.0 - 22.0 | 53 | 1.3 0.9 - 1.6 |
| By Age | | | | | | | | | | | | | | | | | |
| | 13 or less | 1,721 | 94.5 93.6 - 95.4 | 440 | 24.2 21.1 - 27.4 | 1,246 | 68.3 65.7 - 71.0 | 213 | 11.7 9.1 - 14.3 | 700 | 38.4 35.1 - 41.7 | 342 | 18.6 16.6 - 20.7 | 413 | 22.6 20.1 - 25.1 | 29 | 1.6 1.0 - 2.1 |
| | 14 | 1,957 | 95.1 94.1 - 96.0 | 452 | 22.0 19.3 - 24.8 | 1,333 | 64.7 61.9 - 67.5 | 218 | 10.6 8.5 - 12.6 | 726 | 35.2 32.4 - 38.0 | 430 | 20.9 18.7 - 23.1 | 437 | 21.2 19.4 - 23.1 | 30 | 1.4 0.9 - 2.0 |
| | 15 | 1,843 | 94.2 93.2 - 95.3 | 485 | 24.8 22.3 - 27.3 | 1,150 | 58.8 55.6 - 61.9 | 177 | 9.0 6.9 - 11.1 | 568 | 29.0 26.1 - 32.0 | 448 | 22.8 20.4 - 25.2 | 447 | 22.9 21.0 - 24.7 | 34 | 1.7 1.2 - 2.3 |
| | 16 | 1,627 | 95.1 93.9 - 96.3 | 499 | 29.2 25.7 - 32.6 | 946 | 55.3 52.2 - 58.4 | 153 | 8.9 6.8 - 11.0 | 480 | 28.1 25.0 - 31.2 | 334 | 19.5 17.1 - 21.9 | 371 | 21.7 19.8 - 23.6 | 26 | 1.5 0.9 - 2.1 |
| | 17 or older | 1,305 | 93.6 92.2 - 95.1 | 484 | 34.7 31.2 - 38.1 | 748 | 53.6 49.5 - 57.6 | 135 | 9.7 7.2 - 12.2 | 367 | 26.3 23.1 - 29.5 | 266 | 19.1 17.3 - 20.9 | 315 | 22.6 19.9 - 25.2 | 24 | 1.7 1.1 - 2.3 |
| By NZDep2006 | | | | | | | | | | | | | | | | | |
| | Low | 3,041 | 94.9 94.1 - 95.7 | 762 | 23.8 21.6 - 25.9 | 1,884 | 58.8 55.5 - 62.0 | 166 | 5.1 3.9 - 6.3 | 945 | 29.5 27.0 - 32.0 | 500 | 15.5 14.2 - 16.8 | 656 | 20.4 18.9 - 21.9 | 43 | 1.4 0.9 - 1.8 |
| | Medium | 3,191 | 94.5 93.7 - 95.3 | 813 | 24.1 21.7 - 26.4 | 2,025 | 59.9 57.7 - 62.1 | 272 | 8.1 6.8 - 9.4 | 1,009 | 29.9 27.4 - 32.3 | 670 | 19.8 18.1 - 21.4 | 763 | 22.6 21.0 - 24.3 | 59 | 1.7 1.3 - 2.1 |
| | High | 2,104 | 94.3 93.1 - 95.4 | 746 | 33.6 28.8 - 38.4 | 1,435 | 64.2 60.8 - 67.7 | 443 | 19.9 16.8 - 22.9 | 847 | 37.9 34.9 - 40.8 | 627 | 28.1 26.2 - 30.1 | 532 | 23.8 21.9 - 25.7 | 35 | 1.6 1.0 - 2.1 |
| By Geography | | | | | | | | | | | | | | | | | |
| | Urban | 7,010 | 94.6 94.0 - 95.2 | 2,007 | 27.1 24.5 - 29.7 | 4,414 | 59.5 57.2 - 61.8 | 800 | 10.8 8.9 - 12.7 | 2,401 | 32.3 29.8 - 34.8 | 1,531 | 20.6 19.1 - 22.1 | 1,690 | 22.8 21.7 - 23.8 | 114 | 1.5 1.3 - 1.8 |
| | Rural | 1,328 | 94.5 93.3 - 95.8 | 314 | 22.4 19.7 - 25.2 | 931 | 66.2 62.7 - 69.7 | 81 | 5.7 4.5 - 6.9 | 401 | 28.7 25.5 - 31.8 | 266 | 18.8 16.1 - 21.5 | 261 | 18.7 16.4 - 21.0 | 23 | 1.7 1.0 - 2.3 |



School engagement indicators

| | | Feel part of their school | | Belong to a sports team | | Belong to any school clubs or teams other than sports teams | | Spend time in activities helping others at school | | Students who have been truant from school this year | |
|--------------|-------------|---------------------------|---------------------|-------------------------|---------------------|---|---------------------|---|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 7,835 | 87.8 86.8 - 88.8 | 4,916 | 55.0 51.6 - 58.4 | 3,671 | 41.1 38.8 - 43.4 | 3,624 | 40.5 38.5 - 42.5 | 2,281 | 25.6 23.4 - 27.8 |
| By Gender | Male | 4,206 | 87.4 86.1 - 88.6 | 2,858 | 59.4 55.8 - 62.9 | 1,925 | 40.0 38.1 - 41.9 | 1,752 | 36.3 33.9 - 38.7 | 1,217 | 25.3 22.9 - 27.7 |
| | Female | 3,629 | 88.2 87.1 - 89.4 | 2,058 | 49.8 45.8 - 53.8 | 1,746 | 42.4 39.0 - 45.7 | 1,872 | 45.5 43.1 - 47.9 | 1,064 | 26.0 23.1 - 28.8 |
| By Age | 13 or less | 1,625 | 89.4 88.0 - 90.8 | 913 | 50.0 45.2 - 54.8 | 740 | 40.6 37.7 - 43.4 | 614 | 33.6 30.6 - 36.7 | 298 | 16.3 13.5 - 19.0 |
| | 14 | 1,823 | 88.7 87.3 - 90.1 | 1,188 | 57.6 53.4 - 61.9 | 849 | 41.3 38.8 - 43.8 | 722 | 34.9 32.4 - 37.4 | 453 | 22.1 19.3 - 24.9 |
| | 15 | 1,691 | 86.6 84.6 - 88.7 | 1,093 | 55.9 52.1 - 59.7 | 753 | 38.6 34.9 - 42.2 | 687 | 35.1 32.6 - 37.7 | 534 | 27.3 24.5 - 30.2 |
| | 16 | 1,459 | 85.5 83.5 - 87.4 | 950 | 55.6 51.3 - 59.9 | 703 | 41.2 37.5 - 44.9 | 759 | 44.4 41.5 - 47.3 | 522 | 30.8 27.9 - 33.6 |
| | 17 or older | 1,237 | 88.6 86.9 - 90.4 | 772 | 55.4 51.7 - 59.1 | 626 | 44.9 41.5 - 48.3 | 842 | 60.3 56.4 - 64.2 | 474 | 34.2 30.9 - 37.4 |
| By NZDep2006 | Low | 2,820 | 88.1 86.8 - 89.5 | 1,910 | 59.6 55.1 - 64.2 | 1,397 | 43.7 40.2 - 47.1 | 1,259 | 39.3 36.4 - 42.2 | 656 | 20.5 18.5 - 22.6 |
| | Medium | 2,921 | 86.7 85.5 - 88.0 | 1,882 | 55.8 52.6 - 59.0 | 1,372 | 40.7 38.1 - 43.3 | 1,337 | 39.5 37.2 - 41.9 | 830 | 24.6 22.2 - 27.0 |
| | High | 1,982 | 88.9 86.8 - 91.0 | 1,053 | 47.0 43.0 - 51.0 | 842 | 37.7 35.3 - 40.1 | 983 | 44.1 41.2 - 47.1 | 759 | 34.2 30.6 - 37.8 |
| By Geography | Urban | 6,487 | 87.7 86.7 - 88.8 | 3,970 | 53.6 50.1 - 57.0 | 3,070 | 41.4 38.9 - 44.0 | 2,974 | 40.1 38.0 - 42.3 | 1,931 | 26.1 23.7 - 28.5 |
| | Rural | 1,238 | 88.2 86.2 - 90.1 | 877 | 62.5 57.2 - 67.8 | 542 | 38.7 34.8 - 42.6 | 606 | 43.1 39.8 - 46.4 | 314 | 22.4 19.1 - 25.7 |



School Safety

| | | Feels safe at school all or most of the time | | Been afraid that someone will hurt or bother them 3 or more times during this school year | | Been bullied at school weekly or more often | | Has not gone to school because of bullying one or more times in the last month | |
|---------------------|-------------|---|---------------------|---|---------------------|--|------------------|--|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 7,431 | 83.5 81.7 - 85.3 | 880 | 9.8 9.0 - 10.7 | 548 | 6.1 5.4 - 6.9 | 364 | 4.1 3.6 - 4.5 |
| By Gender | | | | | | | | | |
| | Male | 3,952 | 82.4 80.6 - 84.1 | 515 | 10.7 9.5 - 11.8 | 343 | 7.1 6.0 - 8.2 | 144 | 3.0 2.5 - 3.5 |
| | Female | 3,479 | 84.8 82.5 - 87.1 | 365 | 8.9 8.0 - 9.8 | 205 | 5.0 4.2 - 5.8 | 220 | 5.3 4.5 - 6.1 |
| By Age | | | | | | | | | |
| | 13 or less | 1,442 | 79.2 76.6 - 81.8 | 244 | 13.3 11.5 - 15.1 | 134 | 7.3 6.1 - 8.6 | 82 | 4.5 3.4 - 5.5 |
| | 14 | 1,678 | 81.7 79.4 - 84.1 | 244 | 11.9 10.5 - 13.3 | 162 | 7.9 6.4 - 9.3 | 110 | 5.4 4.4 - 6.4 |
| | 15 | 1,585 | 81.6 79.2 - 84.0 | 205 | 10.5 8.9 - 12.1 | 131 | 6.8 5.5 - 8.0 | 78 | 3.9 2.9 - 4.9 |
| | 16 | 1,473 | 86.7 84.3 - 89.1 | 116 | 6.8 5.4 - 8.2 | 72 | 4.2 3.2 - 5.2 | 60 | 3.5 2.6 - 4.5 |
| | 17 or older | 1,253 | 90.5 89.0 - 91.9 | 71 | 5.1 4.0 - 6.2 | 49 | 3.5 2.4 - 4.6 | 34 | 2.4 1.7 - 3.2 |
| By NZDep2006 | | | | | | | | | |
| | Low | 2,758 | 86.1 83.7 - 88.4 | 303 | 9.5 8.5 - 10.4 | 175 | 5.5 4.6 - 6.4 | 109 | 3.4 2.7 - 4.0 |
| | Medium | 2,768 | 82.3 80.2 - 84.3 | 359 | 10.6 9.3 - 11.9 | 216 | 6.4 5.3 - 7.5 | 141 | 4.1 3.5 - 4.8 |
| | High | 1,811 | 81.8 80.0 - 83.7 | 207 | 9.3 7.7 - 10.8 | 147 | 6.5 5.2 - 7.8 | 103 | 4.6 3.8 - 5.5 |
| By Geography | | | | | | | | | |
| | Urban | 6,145 | 83.2 81.4 - 85.1 | 742 | 10.0 9.1 - 10.9 | 441 | 5.9 5.1 - 6.7 | 292 | 3.9 3.4 - 4.5 |
| | Rural | 1,194 | 85.2 82.4 - 88.0 | 127 | 9.1 7.3 - 10.8 | 97 | 6.9 5.5 - 8.4 | 61 | 4.3 3.2 - 5.4 |

School Relationships

| | | People at school care some or a lot (like teachers, coaches or other adults) | | Teachers treat students fairly most of the time | | Usually gets along with teachers | |
|--------------|-------------|--|---------------------|---|---------------------|----------------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 8,149 | 91.3 90.4 - 92.2 | 4355 | 48.8 46.6 - 50.9 | 5,179 | 58.0 56.3 - 59.6 |
| By Gender | Male | 4,354 | 90.5 89.1 - 91.8 | 2302 | 47.8 45.3 - 50.2 | 2,702 | 56.1 54.0 - 58.1 |
| | Female | 3,795 | 92.3 91.3 - 93.2 | 2053 | 49.9 47.1 - 52.7 | 2,477 | 60.2 58.1 - 62.3 |
| By Age | 13 or less | 1,679 | 92.2 90.7 - 93.7 | 926 | 50.8 47.8 - 53.7 | 992 | 54.5 51.8 - 57.2 |
| | 14 | 1,845 | 89.8 88.4 - 91.2 | 893 | 43.3 40.7 - 46.0 | 1,079 | 52.3 49.9 - 54.8 |
| | 15 | 1,766 | 90.7 89.2 - 92.1 | 883 | 45.3 42.3 - 48.3 | 1,060 | 54.3 51.2 - 57.5 |
| | 16 | 1,554 | 91.0 89.2 - 92.7 | 836 | 48.9 45.3 - 52.6 | 1,057 | 62.0 59.4 - 64.7 |
| | 17 or older | 1,305 | 93.5 92.0 - 95.0 | 817 | 58.7 55.6 - 61.8 | 991 | 70.9 67.8 - 74.1 |
| By NZDep2006 | Low | 2,923 | 91.2 90.0 - 92.4 | 1705 | 53.1 49.3 - 56.9 | 1,982 | 61.8 59.1 - 64.6 |
| | Medium | 3,068 | 91.0 89.7 - 92.3 | 1688 | 50.2 48.0 - 52.4 | 1,990 | 59.0 56.9 - 61.2 |
| | High | 2,044 | 92.0 90.6 - 93.3 | 910 | 40.7 38.4 - 43.0 | 1,142 | 51.2 48.9 - 53.5 |
| By Geography | Urban | 6,733 | 91.0 90.0 - 92.0 | 3564 | 48.1 45.9 - 50.3 | 4,266 | 57.6 55.9 - 59.4 |
| | Rural | 1,304 | 92.9 91.6 - 94.3 | 740 | 52.8 49.0 - 56.7 | 850 | 60.5 57.3 - 63.7 |



Achievement Indicators

| | | People at school expect you to do well | | Somewhat or very important to be proud of school work | |
|--------------|-------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Total | | 8,195 | 92.0 91.3 - 92.7 | 8,320 | 93.2 92.5 - 93.9 |
| By Gender | Male | 4,346 | 90.4 89.6 - 91.3 | 4,368 | 90.6 89.6 - 91.6 |
| | Female | 3,849 | 93.8 93.0 - 94.6 | 3,952 | 96.3 95.6 - 96.9 |
| By Age | 13 or less | 1,654 | 91.2 89.9 - 92.4 | 1,716 | 94.3 93.2 - 95.4 |
| | 14 | 1,900 | 92.5 91.3 - 93.8 | 1,912 | 93.1 92.0 - 94.2 |
| | 15 | 1,774 | 91.1 89.7 - 92.5 | 1,804 | 92.3 90.7 - 93.9 |
| | 16 | 1,568 | 92.1 90.7 - 93.5 | 1,581 | 92.5 91.0 - 94.1 |
| | 17 or older | 1,299 | 93.3 91.8 - 94.7 | 1,307 | 93.9 92.4 - 95.4 |
| By NZDep2006 | Low | 2,936 | 91.9 90.8 - 93.0 | 2,981 | 93.1 92.2 - 94.1 |
| | Medium | 3,110 | 92.4 91.4 - 93.4 | 3,136 | 93.1 91.9 - 94.2 |
| | High | 2,039 | 91.7 90.3 - 93.1 | 2,087 | 93.5 92.1 - 95.0 |
| By Geography | Urban | 6,794 | 92.0 91.2 - 92.8 | 6,917 | 93.5 92.7 - 94.2 |
| | Rural | 1,293 | 92.2 90.6 - 93.9 | 1,289 | 91.8 90.1 - 93.5 |

Family and School

Family engagement in school (students could choose more than one response option)

| | | A family member has gone to parent teacher meeting this year | | A family member has helped out at school this year | | A family member has asked about homework this year | | A family member has helped with homework this year | | A family member has gone to school event this year | |
|---------------------|-------------|--|---------------------|--|---------------------|--|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 4,362 | 48.9 44.6 - 53.2 | 1,446 | 16.1 14.6 - 17.6 | 7,445 | 83.8 82.5 - 85.2 | 5,318 | 59.8 58.4 - 61.1 | 3,653 | 41.0 37.5 - 44.6 |
| By Gender | | | | | | | | | | | |
| | Male | 2,395 | 49.9 44.9 - 54.9 | 789 | 16.4 14.6 - 18.1 | 4,014 | 83.9 82.3 - 85.4 | 2,774 | 57.9 56.2 - 59.6 | 1,995 | 41.7 37.9 - 45.4 |
| | Female | 1,967 | 47.7 43.2 - 52.2 | 657 | 15.7 13.9 - 17.6 | 3,431 | 83.8 81.9 - 85.6 | 2,544 | 62.0 60.2 - 63.8 | 1,658 | 40.3 36.0 - 44.6 |
| By Age | | | | | | | | | | | |
| | 13 or less | 1,006 | 55.3 50.0 - 60.7 | 283 | 15.3 13.3 - 17.3 | 1,561 | 86.1 84.1 - 88.2 | 1,353 | 74.6 72.0 - 77.2 | 666 | 36.6 32.4 - 40.9 |
| | 14 | 1,068 | 52.0 46.7 - 57.2 | 332 | 16.0 13.8 - 18.2 | 1,734 | 84.8 82.8 - 86.8 | 1,364 | 66.6 64.3 - 69.0 | 856 | 41.6 37.4 - 45.8 |
| | 15 | 945 | 48.6 43.8 - 53.4 | 289 | 14.8 13.2 - 16.4 | 1,636 | 84.3 82.5 - 86.2 | 1,148 | 59.1 56.5 - 61.6 | 787 | 40.5 36.7 - 44.3 |
| | 16 | 774 | 45.3 40.2 - 50.4 | 289 | 16.8 14.4 - 19.3 | 1,392 | 81.9 79.3 - 84.4 | 834 | 49.0 46.6 - 51.4 | 722 | 42.5 38.7 - 46.2 |
| | 17 or older | 569 | 41.0 35.8 - 46.1 | 253 | 18.1 15.1 - 21.1 | 1,122 | 81.0 78.7 - 83.4 | 619 | 44.7 41.7 - 47.7 | 622 | 44.8 40.0 - 49.6 |
| By NZDep2006 | | | | | | | | | | | |
| | Low | 1,754 | 54.6 48.8 - 60.4 | 547 | 16.8 14.6 - 19.0 | 2,798 | 87.5 86.2 - 88.8 | 2,013 | 62.8 60.5 - 65.1 | 1,422 | 44.4 39.2 - 49.6 |
| | Medium | 1,615 | 48.0 43.7 - 52.2 | 540 | 16.0 14.2 - 17.7 | 2,816 | 84.0 82.5 - 85.6 | 2,032 | 60.6 58.7 - 62.4 | 1,367 | 40.7 36.9 - 44.5 |
| | High | 938 | 42.1 37.5 - 46.7 | 341 | 15.2 13.1 - 17.3 | 1,742 | 78.6 76.1 - 81.1 | 1,208 | 54.4 52.3 - 56.5 | 819 | 36.8 33.3 - 40.3 |
| By Geography | | | | | | | | | | | |
| | Urban | 3,560 | 48.1 43.4 - 52.7 | 1,144 | 15.3 13.8 - 16.9 | 6,178 | 83.8 82.4 - 85.3 | 4,388 | 59.5 58.0 - 60.9 | 2,911 | 39.4 35.9 - 42.9 |
| | Rural | 748 | 53.5 49.0 - 58.1 | 285 | 20.2 17.6 - 22.9 | 1,179 | 84.4 82.4 - 86.4 | 865 | 61.8 59.3 - 64.4 | 697 | 49.9 44.6 - 55.2 |



How often students talk to someone in their family about school

| | | | A lot | Some | Never |
|--------------|-------------|-------|---------------------|---------------------|------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,915 | 55.1 53.4 - 56.7 | 40.6 39.2 - 42.0 | 4.3 3.9 - 4.8 |
| By Gender | Male | 4,807 | 53.9 51.5 - 56.2 | 41.7 39.6 - 43.8 | 4.4 3.7 - 5.0 |
| | Female | 4,108 | 56.5 54.7 - 58.3 | 39.2 37.6 - 40.8 | 4.3 3.7 - 5.0 |
| By Age | 13 or less | 1,821 | 54.8 52.6 - 57.1 | 41.0 38.8 - 43.1 | 4.2 3.4 - 5.0 |
| | 14 | 2,057 | 54.5 51.8 - 57.3 | 40.6 38.0 - 43.2 | 4.8 4.0 - 5.6 |
| | 15 | 1,944 | 53.4 51.0 - 55.9 | 41.8 39.5 - 44.2 | 4.7 3.8 - 5.7 |
| | 16 | 1,703 | 54.6 51.6 - 57.6 | 41.4 38.6 - 44.2 | 4.0 2.8 - 5.1 |
| | 17 or older | 1,390 | 59.1 55.8 - 62.3 | 37.2 34.1 - 40.2 | 3.8 2.9 - 4.6 |
| By NZDep2006 | Low | 3,206 | 59.2 56.8 - 61.6 | 37.5 35.4 - 39.6 | 3.3 2.6 - 4.0 |
| | Medium | 2,588 | 55.0 53.3 - 56.8 | 40.3 38.7 - 41.9 | 4.6 4.0 - 5.3 |
| | High | 3,001 | 49.7 47.5 - 51.9 | 45.2 42.9 - 47.4 | 5.2 4.2 - 6.2 |
| By Geography | Urban | 7,392 | 54.6 52.8 - 56.4 | 40.9 39.4 - 42.4 | 4.5 3.9 - 5.0 |
| | Rural | 1,405 | 58.3 55.1 - 61.5 | 38.3 35.2 - 41.3 | 3.4 2.4 - 4.5 |



Importance to parents that student goes to school

| | | | Very important | Important | Not very important |
|--------------|-------------|-------|---------------------|---------------------|--------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,914 | 83.5 82.3 - 84.7 | 15.0 13.9 - 16.2 | 1.5 1.2 - 1.8 |
| By Gender | Male | 4,807 | 83.0 81.4 - 84.5 | 15.1 13.7 - 16.6 | 1.9 1.4 - 2.4 |
| | Female | 4,107 | 84.0 82.5 - 85.6 | 14.8 13.4 - 16.3 | 1.1 0.8 - 1.4 |
| By Age | 13 or less | 1,818 | 84.3 82.2 - 86.4 | 14.9 12.8 - 17.1 | 0.8 0.2 - 1.3 |
| | 14 | 2,055 | 84.5 82.8 - 86.2 | 14.0 12.3 - 15.7 | 1.5 1.0 - 1.9 |
| | 15 | 1,946 | 84.2 82.3 - 86.1 | 14.8 12.8 - 16.7 | 1.0 0.6 - 1.4 |
| | 16 | 1,705 | 81.6 79.6 - 83.6 | 16.5 14.7 - 18.3 | 1.9 1.3 - 2.5 |
| | 17 or older | 1,390 | 82.1 79.8 - 84.4 | 15.1 13.0 - 17.2 | 2.8 1.8 - 3.8 |
| By NZDep2006 | Low | 3,202 | 85.8 84.5 - 87.1 | 13.2 11.9 - 14.4 | 1.0 0.7 - 1.4 |
| | Medium | 3,367 | 82.8 81.0 - 84.5 | 15.6 13.8 - 17.3 | 1.7 1.2 - 2.2 |
| | High | 2,224 | 81.6 79.4 - 83.8 | 16.5 14.6 - 18.4 | 1.9 1.2 - 2.6 |
| By Geography | Urban | 7,392 | 84.2 83.0 - 85.4 | 14.3 13.2 - 15.4 | 1.5 1.1 - 1.8 |
| | Rural | 1,403 | 80.2 77.8 - 82.6 | 18.2 15.8 - 20.6 | 1.6 1.0 - 2.3 |



Plans after leaving secondary school

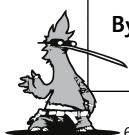
| | | | Get more training or education | Start work or look for a job | Other* |
|---------------------|-------------|-------|-----------------------------------|---------------------------------|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | |
| Total | | 8,906 | 66.9 64.3 - 69.5 | 23.0 20.6 - 25.5 | 10.1 9.3 - 10.8 |
| | | | | | |
| By Gender | Male | 4,804 | 61.7 58.0 - 65.4 | 28.1 24.2 - 31.9 | 10.2 9.3 - 11.1 |
| | Female | 4,102 | 73.0 70.5 - 75.6 | 17.1 14.9 - 19.2 | 9.9 8.9 - 10.9 |
| | | | | | |
| By Age | 13 or less | 1,820 | 55.0 52.2 - 57.8 | 32.3 29.4 - 35.2 | 12.7 11.0 - 14.4 |
| | 14 | 2,052 | 61.6 58.7 - 64.6 | 27.0 24.1 - 29.8 | 11.4 9.8 - 12.9 |
| | 15 | 1,942 | 66.5 63.3 - 69.6 | 23.0 20.1 - 26.0 | 10.5 8.9 - 12.0 |
| | 16 | 1,705 | 74.4 71.2 - 77.6 | 16.9 14.1 - 19.6 | 8.8 7.1 - 10.5 |
| | 17 or older | 1,387 | 81.5 77.8 - 85.3 | 12.7 9.7 - 15.7 | 5.8 4.4 - 7.1 |
| | | | | | |
| By NZDep2006 | Low | 3,200 | 72.8 69.7 - 75.8 | 17.2 14.6 - 19.9 | 10.0 8.9 - 11.0 |
| | Medium | 3,368 | 67.1 64.2 - 70.1 | 22.4 19.9 - 24.8 | 10.5 9.3 - 11.7 |
| | High | 2,218 | 58.9 55.9 - 61.9 | 31.9 29.0 - 34.7 | 9.3 7.7 - 10.8 |
| | | | | | |
| By Geography | Urban | 7,387 | 67.8 65.0 - 70.5 | 22.2 19.6 - 24.8 | 10.0 9.2 - 10.9 |
| | Rural | 1,401 | 63.5 59.9 - 67.1 | 26.7 23.4 - 29.9 | 9.9 8.4 - 11.4 |

*Included start a family, do nothing or don't know



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Adults at school care about them (some or a lot) | | | | | |
| Total | | 8333 | 89.3 88.5 - 90.1 | 8149 | 91.3 90.4 - 92.2 |
| By Gender | Male | 3809 | 89.0 87.9 - 90.1 | 4354 | 90.5 89.1 - 91.8 |
| | Female | 4524 | 89.6 88.7 - 90.5 | 3795 | 92.3 91.3 - 93.3 |
| Teachers treat students fairly (most of the time) | | | | | |
| Total | | 4002 | 42.8 41.0 - 44.7 | 4355 | 48.8 46.5 - 51.0 |
| By Gender | Male | 1726 | 40.3 38.1 - 42.4 | 2302 | 47.8 45.3 - 50.2 |
| | Female | 2276 | 45.0 42.6 - 47.5 | 2053 | 49.9 47.0 - 52.8 |
| Students who feel school is ok, or like school a bit or a lot | | | | | |
| Total | | 8009 | 85.5 84.4 - 86.7 | 7852 | 87.8 86.6 - 89.0 |
| By Gender | Male | 3635 | 84.5 83.0 - 86.0 | 4206 | 87.1 85.5 - 88.7 |
| | Female | 4374 | 86.4 85.1 - 87.7 | 3646 | 88.6 87.2 - 90.1 |
| Students who feel part of their school | | | | | |
| Total | | 7612 | 81.9 81.0 - 82.9 | 7835 | 87.8 86.7 - 88.8 |
| By Gender | Male | 3522 | 82.5 81.1 - 84.0 | 4206 | 87.4 86.1 - 88.7 |
| | Female | 4090 | 81.4 80.2 - 82.5 | 3629 | 88.2 87.0 - 89.5 |
| Feels safe at school all or most of the time | | | | | |
| Total | | 7343 | 78.1 76.2 - 80.0 | 7431 | 83.5 81.7 - 85.3 |
| By Gender | Male | 3332 | 77.3 75.0 - 79.7 | 3952 | 82.4 80.6 - 84.2 |
| | Female | 4011 | 78.8 76.7 - 80.9 | 3479 | 84.8 82.4 - 87.2 |
| Been bullied at school weekly or more often | | | | | |
| Total | | 656 | 7.1 6.3 - 7.8 | 548 | 6.1 5.4 - 6.9 |
| By Gender | Male | 391 | 9.2 8.2 - 10.3 | 343 | 7.1 6.1 - 8.1 |
| | Female | 265 | 5.2 4.5 - 6.0 | 205 | 5.0 4.1 - 5.8 |
| Has not gone to school because of bullying one or more times in the last month | | | | | |
| Total | | 261 | 9.5 8.2 - 10.7 | 364 | 4.1 3.6 - 4.6 |
| By Gender | Male | 98 | 7.3 5.8 - 8.8 | 144 | 3.0 2.5 - 3.5 |
| | Female | 163 | 11.6 10.0 - 13.3 | 220 | 5.3 4.5 - 6.1 |



Body Size

The Youth'07 Survey is the first large nationally representative survey to document the physical measurements of secondary school students in New Zealand. Anthropometric measurements (height and weight) are indicators of health status as well as providing a description of the size and shape of adolescents. With height and weight measurements, we can determine a student's body mass index (BMI), which has been used in a number of national and international surveys as an indicator of body size and obesity. BMI is calculated as weight (kg) divided by height (m) squared. BMI is an acceptable measure of adiposity for populations, but may not be appropriate for some individuals.

Height, weight and waist circumference measurements were taken by trained research staff following standardised protocols. Students wore light clothing and no shoes during measurements. They were weighed on digital scales (Health-o-Meter model 349KLX); weights were recorded to 0.1 kg. Height was measured with portable stadiometers (Seca model 214) to the nearest 0.1 cm. Waist circumference measures were taken at 4 cm above the umbilicus over a single layer of clothing. The location of 4 cm above the waist was selected because it is convenient, acceptable to young people, and correlates well with BMI (Rudolf et al., 2007). Waist circumference was measured to 0.1 cm using the Figure Finder waist measuring tape to standardise tension during measurements.

The prevalence of underweight, overweight and obesity have been determined using age- and sex-specific BMI definitions for children and adolescents as recommended by the International Obesity Taskforce (Cole et al., 2000; Cole et al., 2007). 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

| | | n | Underweight | Normal | Overweight | Obese |
|--------------|-------------|-------|------------------|---------------------|---------------------|---------------------|
| | | | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,802 | 2.6 2.2 - 3.0 | 63.2 60.8 - 65.6 | 23.9 22.5 - 25.4 | 10.2 8.7 - 11.8 |
| By Gender | Male | 4,811 | 2.0 1.6 - 2.4 | 63.8 61.0 - 66.6 | 23.3 21.6 - 25.0 | 10.9 9.2 - 12.5 |
| | Female | 3,991 | 3.3 2.6 - 4.1 | 62.4 59.5 - 65.4 | 24.7 22.6 - 26.8 | 9.5 7.5 - 11.5 |
| By Age | 13 or less | 1,787 | 1.8 1.1 - 2.4 | 61.3 58.1 - 64.4 | 25.8 23.5 - 28.1 | 11.2 8.9 - 13.5 |
| | 14 | 2,020 | 2.5 1.8 - 3.2 | 64.5 61.6 - 67.4 | 23.3 21.2 - 25.4 | 9.7 7.9 - 11.5 |
| | 15 | 1,930 | 2.4 1.6 - 3.3 | 62.6 59.1 - 66.1 | 24.0 21.8 - 26.3 | 10.9 8.7 - 13.1 |
| | 16 | 1,683 | 2.7 2.0 - 3.4 | 65.5 62.1 - 69.0 | 22.3 19.8 - 24.8 | 9.5 7.6 - 11.4 |
| | 17 or older | 1,382 | 4.0 2.8 - 5.1 | 61.8 58.7 - 65.0 | 24.4 21.9 - 26.9 | 9.8 7.7 - 11.8 |
| By NZDep2006 | Low | 3,182 | 2.8 2.2 - 3.4 | 70.7 68.7 - 72.7 | 20.8 19.0 - 22.6 | 5.7 4.7 - 6.6 |
| | Medium | 3,359 | 2.7 2.0 - 3.3 | 64.4 62.6 - 66.3 | 23.7 22.0 - 25.3 | 9.2 8.1 - 10.4 |
| | High | 2,211 | 2.1 1.3 - 2.9 | 50.6 46.9 - 54.4 | 28.8 26.4 - 31.3 | 18.4 15.4 - 21.4 |
| By Geography | Urban | 7,357 | 2.7 2.2 - 3.2 | 63.0 60.3 - 65.8 | 23.7 22.1 - 25.2 | 10.6 8.9 - 12.4 |
| | Rural | 1,397 | 1.9 1.1 - 2.8 | 64.5 62.0 - 67.0 | 25.3 22.6 - 28.0 | 8.3 6.9 - 9.6 |



Weight Concerns

At this time how happy are you with your weight?

| | | n | Very happy | Happy | Okay | Unhappy or very unhappy |
|--------------|-------------|-------|---------------------|---------------------|---------------------|-------------------------|
| | | | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | | |
| Total | | 8,704 | 22.1 20.8 - 23.5 | 28.3 27.1 - 29.4 | 31.7 30.6 - 32.8 | 17.9 16.5 - 19.4 |
| | | | | | | |
| By Gender | Male | 4,667 | 28.7 27.5 - 29.9 | 31.9 30.5 - 33.4 | 28.6 27.3 - 29.8 | 10.8 9.8 - 11.8 |
| | Female | 4,037 | 14.6 13.5 - 15.6 | 24.0 22.6 - 25.4 | 35.3 33.5 - 37.1 | 26.2 24.7 - 27.7 |
| | | | | | | |
| By Age | 13 or less | 1,777 | 26.1 23.9 - 28.3 | 27.5 25.4 - 29.6 | 32.5 30.6 - 34.4 | 13.9 11.9 - 15.8 |
| | 14 | 2,010 | 23.0 21.0 - 24.9 | 29.0 26.8 - 31.3 | 30.5 28.4 - 32.6 | 17.5 15.1 - 19.9 |
| | 15 | 1,891 | 22.4 20.4 - 24.5 | 27.9 25.6 - 30.2 | 31.1 28.8 - 33.3 | 18.6 16.5 - 20.7 |
| | 16 | 1,665 | 19.1 17.2 - 21.0 | 29.0 26.7 - 31.3 | 32.4 30.1 - 34.7 | 19.5 17.1 - 21.9 |
| | 17 or older | 1,361 | 19.0 16.5 - 21.6 | 27.6 25.0 - 30.2 | 32.4 30.1 - 34.7 | 20.9 18.2 - 23.6 |
| | | | | | | |
| By NZDep2006 | Low | 3,163 | 22.5 20.3 - 24.8 | 29.9 28.1 - 31.6 | 30.5 28.8 - 32.2 | 17.1 15.3 - 18.9 |
| | Medium | 3,306 | 21.3 19.7 - 22.9 | 28.7 27.1 - 30.3 | 31.4 29.7 - 33.1 | 18.6 16.8 - 20.4 |
| | High | 2,152 | 23.0 20.7 - 25.3 | 25.6 24.0 - 27.1 | 33.7 32.0 - 35.4 | 17.8 15.8 - 19.7 |
| | | | | | | |
| By Geography | Urban | 7,238 | 22.2 20.7 - 23.6 | 28.0 26.8 - 29.3 | 31.8 30.6 - 32.9 | 18.0 16.4 - 19.6 |
| | Rural | 1,385 | 22.2 19.3 - 25.1 | 30.0 28.0 - 31.9 | 30.9 28.3 - 33.6 | 16.9 15.1 - 18.6 |

Impact of weight concerns on students

| | | Has tried to lose weight in the last 12 months | | Worried about gaining weight (a lot or a little) | | Has been teased by other kids because of their weight | | Has been teased by family because of their weight | |
|---------------------|-------------|--|---------------------|--|---------------------|---|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 4,358 | 50.1 47.4 - 52.9 | 4,633 | 53.2 50.6 - 55.8 | 1,915 | 22.4 20.4 - 24.4 | 2056 | 23.6 21.8 - 25.4 |
| By Gender | Male | 1,673 | 35.9 33.7 - 38.1 | 1,776 | 38.0 36.3 - 39.8 | 608 | 13.3 11.9 - 14.7 | 735 | 15.7 14.3 - 17.1 |
| | Female | 2,685 | 66.6 65.3 - 68.0 | 2,857 | 70.7 69.3 - 72.1 | 1,307 | 33.0 31.3 - 34.8 | 1321 | 32.7 31.1 - 34.3 |
| By Age | 13 or less | 890 | 50.3 47.2 - 53.3 | 983 | 55.2 52.3 - 58.2 | 347 | 19.8 17.5 - 22.2 | 361 | 20.2 17.9 - 22.5 |
| | 14 | 998 | 49.8 46.7 - 52.9 | 1,060 | 52.6 49.6 - 55.7 | 417 | 21.2 18.5 - 23.9 | 466 | 23.2 20.5 - 25.8 |
| | 15 | 947 | 50.2 47.1 - 53.4 | 990 | 52.4 49.5 - 55.2 | 403 | 21.6 19.4 - 23.8 | 450 | 23.7 21.2 - 26.3 |
| | 16 | 849 | 50.9 46.1 - 55.7 | 882 | 52.8 48.7 - 57.0 | 401 | 24.5 21.7 - 27.3 | 396 | 23.8 21.2 - 26.4 |
| | 17 or older | 674 | 49.4 44.9 - 53.8 | 718 | 52.7 48.5 - 56.9 | 347 | 26.1 22.6 - 29.6 | 383 | 28.1 24.8 - 31.4 |
| By NZDep2006 | Low | 1,528 | 48.3 44.7 - 51.9 | 1,661 | 52.4 49.0 - 55.8 | 684 | 22.1 19.5 - 24.6 | 692 | 21.9 19.7 - 24.1 |
| | Medium | 1,621 | 49.1 45.8 - 52.3 | 1,743 | 52.6 49.4 - 55.7 | 695 | 21.4 19.0 - 23.7 | 769 | 23.2 21.0 - 25.3 |
| | High | 1,160 | 54.1 51.4 - 56.8 | 1,175 | 54.7 52.0 - 57.3 | 515 | 24.4 21.8 - 27.0 | 574 | 26.6 24.1 - 29.2 |
| By Geography | Urban | 3,646 | 50.4 47.4 - 53.4 | 3,873 | 53.4 50.7 - 56.2 | 1,631 | 22.9 20.7 - 25.0 | 1725 | 23.8 21.8 - 25.7 |
| | Rural | 664 | 48.1 44.8 - 51.4 | 707 | 51.0 47.6 - 54.3 | 263 | 19.7 17.5 - 21.9 | 310 | 22.5 20.1 - 24.9 |



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Unhappy or very unhappy with their weight | | | | | |
| Total | | 2179 | 23.2 21.7 - 24.7 | 1563 | 17.9 16.6 - 19.3 |
| | | | | | |
| By Gender | Male | 553 | 13.0 11.9 - 14.1 | 507 | 10.8 9.8 - 11.9 |
| | Female | 1626 | 32.0 30.3 - 33.6 | 1056 | 26.2 24.6 - 27.7 |
| | | | | | |
| Students who have tried to lose weight in the last year | | | | | |
| Total | | 4451 | 47.2 44.7 - 49.6 | 4358 | 50.1 47.4 - 52.8 |
| | | | | | |
| By Gender | Male | 1227 | 28.6 27.2 - 30.0 | 1673 | 35.9 33.7 - 38.1 |
| | Female | 3224 | 63.2 61.3 - 65.2 | 2685 | 66.6 65.3 - 67.9 |

Nutrition

Healthy eating and physical activity are important for maintaining an appropriate body weight and preventing chronic diseases later in life. Good nutrition ensures that young people have a lot of energy to optimize their sports performance and do well in school. Foods purchased outside the home generally make it difficult for young people to eat well because those foods tend to have a lot of energy (kilojoules or calories), fat, saturated fat, and/or sugar but few fruits and vegetables. In contrast, young people who eat breakfast and eat meals with their families tend to have more nutritious diets that extend into adulthood (Haines et al., 2007; Larson et al., 2007).



Breakfast

Where do students get breakfast from? (Students could choose more than one response)

| | | Home | | School | | Shops or takeaways | | Other | | I don't have breakfast | |
|--------------|-------------|-------|---------------------|--------|---------------------|--------------------|---------------------|-------|------------------|------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 7,814 | 89.0 87.6 - 90.3 | 823 | 9.4 7.3 - 11.5 | 1,325 | 15.1 12.4 - 17.8 | 399 | 4.5 3.8 - 5.3 | 745 | 8.5 7.4 - 9.6 |
| By Gender | Male | 4,341 | 91.9 90.4 - 93.4 | 526 | 11.2 8.2 - 14.1 | 801 | 17.0 13.6 - 20.3 | 247 | 5.2 4.3 - 6.1 | 234 | 5.0 4.0 - 6.0 |
| | Female | 3,473 | 85.5 83.9 - 87.2 | 297 | 7.3 5.3 - 9.3 | 524 | 12.9 9.9 - 16.0 | 152 | 3.7 2.8 - 4.6 | 511 | 12.6 11.2 - 14.0 |
| By Age | 13 or less | 1,629 | 91.1 89.1 - 93.1 | 161 | 9.1 6.7 - 11.4 | 269 | 15.1 11.9 - 18.3 | 97 | 5.5 4.1 - 6.8 | 114 | 6.4 4.8 - 7.9 |
| | 14 | 1,820 | 89.8 88.2 - 91.4 | 190 | 9.5 7.3 - 11.7 | 301 | 14.8 12.0 - 17.6 | 94 | 4.6 3.5 - 5.7 | 167 | 8.3 6.8 - 9.8 |
| | 15 | 1,672 | 87.4 85.3 - 89.4 | 176 | 9.2 7.0 - 11.3 | 293 | 15.3 12.3 - 18.4 | 86 | 4.4 3.3 - 5.6 | 193 | 10.1 8.3 - 11.9 |
| | 16 | 1,477 | 87.9 85.6 - 90.2 | 167 | 9.9 6.8 - 13.1 | 264 | 15.8 12.7 - 18.8 | 69 | 4.1 3.0 - 5.2 | 154 | 9.0 7.3 - 10.8 |
| | 17 or older | 1,216 | 88.7 86.3 - 91.0 | 129 | 9.3 6.5 - 12.2 | 198 | 14.4 11.0 - 17.8 | 53 | 3.8 2.8 - 4.8 | 117 | 8.6 6.6 - 10.5 |
| By NZDep2006 | Low | 2,886 | 90.8 89.3 - 92.3 | 220 | 6.9 4.7 - 9.1 | 261 | 8.2 6.6 - 9.8 | 89 | 2.8 2.1 - 3.4 | 233 | 7.3 6.1 - 8.5 |
| | Medium | 2,970 | 89.2 87.6 - 90.7 | 270 | 8.1 5.9 - 10.3 | 387 | 11.6 9.9 - 13.3 | 130 | 3.9 3.1 - 4.7 | 278 | 8.3 7.0 - 9.6 |
| | High | 1,878 | 86.1 84.2 - 87.9 | 324 | 15.0 11.8 - 18.2 | 660 | 30.3 25.4 - 35.2 | 172 | 7.9 6.5 - 9.2 | 229 | 10.6 8.9 - 12.2 |
| By Geography | Urban | 6,510 | 89.2 87.7 - 90.6 | 622 | 8.5 6.6 - 10.4 | 1,186 | 16.2 13.1 - 19.3 | 335 | 4.6 3.7 - 5.4 | 631 | 8.6 7.4 - 9.9 |
| | Rural | 1,225 | 87.9 86.0 - 89.9 | 193 | 14.0 9.1 - 18.9 | 122 | 8.9 6.2 - 11.5 | 56 | 4.1 3.0 - 5.2 | 109 | 7.8 6.3 - 9.4 |



Lunch

Where do students get lunch from? (Students could choose more than one response)

| | | Home | | School | | Shops or takeaways | | Other | | I don't have lunch | |
|--------------|-------------|-------|---------------------|--------|---------------------|--------------------|---------------------|-------|--------------------|--------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 7,643 | 87.0 85.2 - 88.7 | 5,441 | 62.2 59.9 - 64.5 | 3,073 | 34.9 32.6 - 37.1 | 624 | 7.1 6.4 - 7.8 | 227 | 2.6 2.1 - 3.1 |
| By Gender | Male | 4,079 | 86.4 84.2 - 88.5 | 2,871 | 61.0 58.2 - 63.9 | 1,700 | 35.9 33.2 - 38.6 | 360 | 7.6 6.6 - 8.6 | 101 | 2.2 1.6 - 2.7 |
| | Female | 3,564 | 87.7 85.5 - 89.8 | 2,570 | 63.5 60.8 - 66.2 | 1,373 | 33.7 30.7 - 36.7 | 264 | 6.5 5.5 - 7.5 | 126 | 3.1 2.5 - 3.7 |
| By Age | 13 or less | 1,605 | 89.5 87.9 - 91.2 | 1,079 | 60.8 58.4 - 63.2 | 541 | 30.1 26.9 - 33.3 | 111 | 6.2 5.1 - 7.2 | 44 | 2.5 1.6 - 3.4 |
| | 14 | 1,790 | 88.3 86.2 - 90.4 | 1,274 | 63.1 60.3 - 65.9 | 623 | 30.6 27.8 - 33.4 | 163 | 8.0 6.7 - 9.3 | 43 | 2.1 1.5 - 2.8 |
| | 15 | 1,651 | 86.3 84.3 - 88.3 | 1,206 | 63.2 60.1 - 66.4 | 637 | 33.1 30.2 - 36.0 | 143 | 7.5 6.1 - 8.8 | 67 | 3.5 2.6 - 4.4 |
| | 16 | 1,431 | 85.1 82.0 - 88.2 | 1,075 | 64.0 60.7 - 67.4 | 624 | 36.9 33.6 - 40.2 | 116 | 6.9 5.7 - 8.2 | 41 | 2.5 1.7 - 3.2 |
| | 17 or older | 1,166 | 84.9 82.3 - 87.6 | 807 | 58.9 54.5 - 63.3 | 648 | 47.1 42.2 - 52.1 | 91 | 6.6 5.0 - 8.2 | 32 | 2.3 1.5 - 3.2 |
| By NZDep2006 | Low | 2,845 | 89.4 87.2 - 91.5 | 1,926 | 60.8 57.6 - 64.0 | 925 | 29.0 27.1 - 30.8 | 181 | 5.6 4.8 - 6.5 | 64 | 2.0 1.2 - 2.8 |
| | Medium | 2,939 | 88.2 86.6 - 89.8 | 2,012 | 60.6 58.1 - 63.1 | 1,088 | 32.5 30.6 - 34.5 | 213 | 6.4 5.5 - 7.3 | 92 | 2.8 2.1 - 3.5 |
| | High | 1,789 | 81.9 79.3 - 84.5 | 1,453 | 66.9 64.1 - 69.7 | 1,027 | 47.0 43.5 - 50.5 | 223 | 10.2 9.1 - 11.4 | 67 | 3.1 2.4 - 3.8 |
| By Geography | Urban | 6,348 | 86.9 85.0 - 88.8 | 4,514 | 62.1 59.7 - 64.4 | 2,635 | 35.9 33.5 - 38.4 | 522 | 7.1 6.3 - 7.9 | 197 | 2.7 2.2 - 3.3 |
| | Rural | 1,226 | 88.0 85.4 - 90.6 | 878 | 63.3 59.1 - 67.5 | 405 | 29.0 25.6 - 32.4 | 95 | 6.9 5.2 - 8.6 | 26 | 1.9 1.1 - 2.7 |

Dinner

Where do students get dinner from? (Students could choose more than one response)

| | | Home | | School | | Shops or takeaways | | Other | | I don't have dinner | |
|---------------------|-------------|-------|---------------------|--------|--------------------|--------------------|---------------------|-------|---------------------|---------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 8,537 | 97.2 96.5 - 97.8 | 419 | 4.8 2.9 - 6.6 | 4,971 | 56.6 54.8 - 58.4 | 853 | 9.7 9.0 - 10.5 | 34 | 0.4 0.3 - 0.5 |
| By Gender | Male | 4,560 | 96.5 95.5 - 97.5 | 295 | 6.3 3.5 - 9.1 | 2,710 | 57.4 55.2 - 59.6 | 505 | 10.7 9.7 - 11.8 | 14 | 0.3 0.1 - 0.5 |
| | Female | 3,977 | 97.9 97.2 - 98.6 | 124 | 3.0 1.2 - 4.8 | 2,261 | 55.7 53.4 - 58.0 | 348 | 8.6 7.6 - 9.6 | 20 | 0.5 0.3 - 0.7 |
| By Age | 13 or less | 1,737 | 96.9 96.0 - 97.8 | 76 | 4.2 2.4 - 6.0 | 1,008 | 56.4 53.3 - 59.5 | 162 | 9.1 7.8 - 10.4 | 7 | 0.4 0.1 - 0.7 |
| | 14 | 1,980 | 97.7 96.9 - 98.4 | 82 | 4.1 2.6 - 5.6 | 1,140 | 56.2 53.6 - 58.7 | 185 | 9.2 8.1 - 10.3 | 3 | 0.1 0.0 - 0.3 |
| | 15 | 1,856 | 97.0 96.0 - 97.9 | 95 | 4.9 2.9 - 7.0 | 1,086 | 56.7 54.4 - 59.0 | 167 | 8.7 7.2 - 10.2 | 11 | 0.6 0.3 - 0.9 |
| | 16 | 1,638 | 97.3 96.1 - 98.6 | 90 | 5.3 2.5 - 8.2 | 961 | 57.3 54.0 - 60.5 | 185 | 11.0 9.4 - 12.6 | 3 | 0.2 0.0 - 0.4 |
| | 17 or older | 1,326 | 96.8 95.7 - 97.9 | 76 | 5.5 2.9 - 8.2 | 776 | 56.7 53.2 - 60.2 | 154 | 11.2 9.5 - 13.0 | 10 | 0.7 0.3 - 1.2 |
| By NZDep2006 | Low | 3,120 | 98.0 97.2 - 98.8 | 154 | 4.8 2.7 - 6.9 | 1,683 | 53.0 51.2 - 54.7 | 258 | 8.1 7.0 - 9.2 | 8 | 0.3 0.1 - 0.4 |
| | Medium | 3,243 | 97.3 96.5 - 98.2 | 175 | 5.2 2.9 - 7.6 | 1,808 | 54.2 52.1 - 56.4 | 311 | 9.4 8.3 - 10.5 | 13 | 0.4 0.1 - 0.7 |
| | High | 2,092 | 95.9 94.8 - 97.0 | 86 | 4.0 1.8 - 6.2 | 1,430 | 65.6 62.7 - 68.5 | 271 | 12.5 10.7 - 14.2 | 11 | 0.5 0.2 - 0.8 |
| By Geography | Urban | 7,112 | 97.3 96.7 - 98.0 | 266 | 3.6 2.2 - 5.1 | 4,250 | 58.2 56.3 - 60.0 | 723 | 9.9 9.0 - 10.8 | 29 | 0.4 0.3 - 0.5 |
| | Rural | 1,344 | 96.4 94.8 - 98.0 | 150 | 10.9 5.9 - 16.0 | 671 | 48.2 44.6 - 51.9 | 117 | 8.5 7.0 - 10.0 | 3 | 0.2 0.0 - 0.5 |



During the past 7 days, how many times did all, or most, of your family living in your house eat a meal together?

| | | | Never | 1 – 2 times | 3 – 4 times | 5 – 6 times | 7 or more times |
|--------------|-------------|-------|--------------------|---------------------|---------------------|---------------------|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,947 | 8.2 7.5 - 8.8 | 15.4 14.2 - 16.6 | 17.9 17.0 - 18.8 | 23.4 22.1 - 24.6 | 35.1 33.5 - 36.7 |
| By Gender | Male | 4,691 | 7.7 6.8 - 8.6 | 13.8 12.2 - 15.5 | 17.1 16.1 - 18.2 | 22.9 21.1 - 24.7 | 38.4 36.7 - 40.1 |
| | Female | 4,043 | 8.7 7.8 - 9.6 | 17.2 15.9 - 18.5 | 18.8 17.6 - 20.1 | 23.9 22.3 - 25.6 | 31.3 29.3 - 33.3 |
| By Age | 13 or less | 1,779 | 6.7 5.6 - 7.9 | 12.7 11.1 - 14.3 | 14.5 12.5 - 16.5 | 21.1 18.6 - 23.7 | 44.9 42.1 - 47.7 |
| | 14 | 2,018 | 7.8 6.6 - 9.0 | 14.5 12.7 - 16.3 | 16.5 14.8 - 18.2 | 22.8 20.8 - 24.8 | 38.3 35.7 - 41.0 |
| | 15 | 1,897 | 8.1 6.8 - 9.5 | 14.4 12.7 - 16.2 | 19.5 17.9 - 21.0 | 23.8 21.8 - 25.8 | 34.2 31.8 - 36.5 |
| | 16 | 1,673 | 10.1 8.2 - 11.9 | 17.5 15.5 - 19.5 | 19.0 17.2 - 20.8 | 24.5 22.4 - 26.7 | 28.9 26.4 - 31.4 |
| | 17 or older | 1,367 | 8.2 6.8 - 9.6 | 19.1 16.3 - 21.9 | 20.9 18.2 - 23.6 | 25.2 22.7 - 27.6 | 26.7 23.6 - 29.8 |
| By NZDep2006 | Low | 3,173 | 6.8 6.0 - 7.7 | 13.9 12.2 - 15.6 | 18.3 16.9 - 19.6 | 26.4 24.6 - 28.2 | 34.5 32.5 - 36.6 |
| | Medium | 3,315 | 8.9 7.9 - 9.9 | 14.1 12.7 - 15.5 | 17.7 16.3 - 19.2 | 23.8 22.4 - 25.2 | 35.5 33.4 - 37.6 |
| | High | 2,160 | 9.0 7.7 - 10.3 | 19.5 17.8 - 21.1 | 17.4 15.7 - 19.1 | 18.3 16.5 - 20.1 | 35.8 32.5 - 39.0 |
| By Geography | Urban | 7,265 | 8.1 7.4 - 8.9 | 15.6 14.2 - 17.0 | 18.2 17.2 - 19.1 | 23.3 21.9 - 24.8 | 34.8 33.0 - 36.6 |
| | Rural | 1,385 | 8.3 6.8 - 9.7 | 14.3 12.7 - 16.0 | 16.2 14.0 - 18.4 | 23.7 21.3 - 26.1 | 37.5 34.1 - 40.9 |



Dietary Behaviours

| | | 2+ fruit a day | | 3+ vegetables a day | | 2+ fruit and 3+ vegetables a day | | 4 or more fizzy drinks in the last week | | Fast food eaten four or more times in the last week* | |
|---------------------|-------------|----------------|---------------------|---------------------|---------------------|----------------------------------|---------------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 4303 | 49.4 47.8 - 51.0 | 2421 | 27.8 26.4 - 29.2 | 1949 | 22.4 21.2 - 23.6 | 2,512 | 29.0 26.5 - 31.4 | 1115 | 12.8 10.9 - 14.7 |
| By Gender | Male | 2200 | 47.1 45.1 - 49.2 | 1296 | 27.8 26.1 - 29.5 | 1033 | 22.1 20.6 - 23.7 | 1,533 | 33.0 30.1 - 35.8 | 631 | 13.5 11.2 - 15.7 |
| | Female | 2103 | 52.0 49.9 - 54.2 | 1125 | 27.9 26.1 - 29.6 | 916 | 22.7 21.2 - 24.1 | 979 | 24.3 21.3 - 27.4 | 484 | 12.0 9.5 - 14.4 |
| By Age | 13 or less | 967 | 54.5 52.2 - 56.8 | 563 | 31.9 29.4 - 34.4 | 469 | 26.5 24.2 - 28.9 | 481 | 27.3 24.4 - 30.2 | 249 | 14.0 11.1 - 17.0 |
| | 14 | 986 | 49.4 47.0 - 51.7 | 582 | 29.2 27.1 - 31.3 | 474 | 23.8 21.8 - 25.8 | 636 | 31.9 28.5 - 35.3 | 292 | 14.5 12.0 - 17.0 |
| | 15 | 961 | 50.7 48.0 - 53.5 | 499 | 26.4 24.1 - 28.7 | 417 | 22.0 20.0 - 24.1 | 552 | 29.2 26.2 - 32.2 | 218 | 11.5 9.5 - 13.5 |
| | 16 | 775 | 46.3 43.3 - 49.3 | 439 | 26.2 24.0 - 28.4 | 339 | 20.2 18.0 - 22.4 | 461 | 27.6 24.6 - 30.7 | 205 | 12.3 9.8 - 14.8 |
| | 17 or older | 614 | 44.8 41.5 - 48.1 | 338 | 24.6 22.1 - 27.2 | 250 | 18.2 16.0 - 20.4 | 382 | 28.0 24.9 - 31.2 | 151 | 11.0 8.7 - 13.4 |
| By NZDep2006 | Low | 1591 | 50.2 47.9 - 52.5 | 806 | 25.4 23.8 - 26.9 | 653 | 20.6 19.1 - 22.0 | 722 | 22.8 20.6 - 25.1 | 255 | 8.0 7.0 - 9.1 |
| | Medium | 1609 | 48.6 46.4 - 50.8 | 907 | 27.5 25.7 - 29.3 | 717 | 21.7 20.2 - 23.1 | 887 | 26.9 24.5 - 29.3 | 337 | 10.2 8.8 - 11.5 |
| | High | 1062 | 49.5 46.9 - 52.1 | 684 | 32.0 29.1 - 35.0 | 559 | 26.1 23.5 - 28.7 | 864 | 40.5 37.1 - 44.0 | 502 | 23.3 19.5 - 27.1 |
| By Geography | Urban | 3589 | 49.5 47.9 - 51.2 | 2060 | 28.5 26.9 - 30.1 | 1666 | 23.0 21.6 - 24.4 | 2,202 | 30.5 27.9 - 33.1 | 968 | 13.3 11.1 - 15.5 |
| | Rural | 674 | 48.7 44.9 - 52.5 | 337 | 24.3 22.2 - 26.5 | 263 | 19.0 16.7 - 21.3 | 271 | 19.6 17.0 - 22.3 | 126 | 9.1 7.4 - 10.8 |

* Included fast food outlets, takeaways, dairies or petrol stations

Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|-------------------------------|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Always eats breakfast* | | | | | |
| Total | | 4749 | 50.5 47.9 - 53.1 | 5105 | 58.1 55.1 - 61.2 |
| By Gender | Male | 2596 | 60.1 57.4 - 62.8 | 3098 | 65.6 62.3 - 68.8 |
| | Female | 2153 | 42.2 39.4 - 45.0 | 2007 | 49.5 46.2 - 52.7 |

* Question format change from 2001 to 2007:

2001: Do you eat breakfast? always/ sometimes/ hardly ever

2007: How often do you usually eat these meals...breakfast? always/ sometimes/ hardly ever



Exercise and Activities

Young people who are physically active are leaner, have better cardiovascular profiles, stronger bones, and fewer symptoms of anxiety and depression (Physical Activity Guidelines Advisory Committee, 2008). It is recommended that young people in New Zealand are active for at least 60 minutes every day (Sport and Recreation New Zealand, 2008). Activity guidelines also recommend that young people spend less than 2 hours per day (outside of school time) watching television, using the computer, or playing video games. Not only do these activities keep young people sedentary for long periods, but extended use can also impact on relationships, eating patterns and general wellbeing (American Academy of Pediatrics, 2001).



Physical Activity

| | | More than 20 minutes of vigorous activity* on three or more occasions in the last week | | 60 minutes or more of physical activity daily | | Physical activity, sport or exercise is an important part of life (definitely) | |
|--------------|-------------|--|---------------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 5,544 | 64.4 62.3 - 66.5 | 948 | 11.1 9.9 - 12.3 | 4,844 | 55.7 53.5 - 57.9 |
| By Gender | Male | 3,314 | 71.9 70.2 - 73.5 | 692 | 15.2 13.8 - 16.5 | 2,930 | 62.8 60.7 - 64.8 |
| | Female | 2,230 | 55.7 53.2 - 58.2 | 256 | 6.4 5.5 - 7.4 | 1,914 | 47.4 45.0 - 49.9 |
| By Age | 13 or less | 1,177 | 67.5 64.7 - 70.3 | 254 | 14.8 12.8 - 16.9 | 1,031 | 58.4 55.6 - 61.1 |
| | 14 | 1,385 | 69.7 67.1 - 72.4 | 219 | 11.2 9.7 - 12.7 | 1,154 | 57.4 54.7 - 60.1 |
| | 15 | 1,219 | 65.0 62.4 - 67.5 | 206 | 11.1 9.3 - 12.9 | 1,047 | 55.3 52.3 - 58.2 |
| | 16 | 979 | 59.2 55.6 - 62.8 | 158 | 9.7 7.5 - 11.8 | 902 | 54.0 50.5 - 57.6 |
| | 17 or older | 784 | 58.1 54.1 - 62.2 | 111 | 8.2 6.2 - 10.2 | 710 | 52.2 48.1 - 56.3 |
| By NZDep2006 | Low | 2,055 | 65.5 62.5 - 68.6 | 328 | 10.5 8.7 - 12.3 | 1,831 | 58.0 54.7 - 61.3 |
| | Medium | 2,141 | 65.2 62.7 - 67.6 | 387 | 11.9 10.5 - 13.4 | 1,844 | 55.8 53.0 - 58.5 |
| | High | 1,303 | 61.7 58.7 - 64.7 | 224 | 10.8 9.0 - 12.6 | 1,131 | 52.4 48.9 - 55.9 |
| By Geography | Urban | 4,569 | 63.8 61.6 - 66.0 | 783 | 11.0 9.7 - 12.3 | 3,963 | 54.7 52.4 - 57.1 |
| | Rural | 932 | 68.0 64.5 - 71.4 | 156 | 11.6 9.5 - 13.6 | 845 | 61.3 58.1 - 64.4 |

*Vigorous activity was "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)"



Physical Activity and School

| | | Walk, bike or skate to or from school more than 6 times in the last week* | | Attended 2 or more PE classes in last week | | Mostly very active during PE (among those who do PE) | | Participates in sports teams or clubs outside of school time (before/after school or in the weekend) | |
|---------------------|-------------|---|---------------------|--|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 3,106 | 36.2 33.3 - 39.1 | 4,950 | 57.3 53.4 - 61.3 | 4,139 | 70.5 68.7 - 72.4 | 4,861 | 56.8 54.6 - 59.0 |
| By Gender | | | | | | | | | |
| | Male | 1,759 | 38.3 35.3 - 41.4 | 2,831 | 61.2 57.5 - 65.0 | 2,459 | 73.9 71.3 - 76.6 | 2,769 | 60.5 58.3 - 62.7 |
| | Female | 1,347 | 33.7 30.5 - 37.0 | 2,119 | 52.8 48.1 - 57.5 | 1,680 | 66.0 63.4 - 68.7 | 2,092 | 52.5 49.8 - 55.3 |
| By Age | | | | | | | | | |
| | 13 or less | 647 | 37.2 34.1 - 40.2 | 1,368 | 78.0 73.2 - 82.9 | 1,236 | 75.5 73.0 - 77.9 | 1,041 | 60.0 56.9 - 63.1 |
| | 14 | 754 | 38.3 34.9 - 41.6 | 1,502 | 75.4 69.3 - 81.6 | 1,273 | 73.4 70.7 - 76.1 | 1,204 | 61.1 58.2 - 64.0 |
| | 15 | 687 | 36.8 33.5 - 40.0 | 1,070 | 57.0 50.4 - 63.6 | 876 | 69.9 67.4 - 72.4 | 1,047 | 56.2 53.0 - 59.5 |
| | 16 | 585 | 35.4 31.6 - 39.2 | 650 | 39.2 33.0 - 45.4 | 515 | 64.5 60.7 - 68.4 | 891 | 54.1 51.0 - 57.3 |
| | 17 or older | 433 | 32.2 26.9 - 37.5 | 360 | 26.7 23.4 - 30.1 | 239 | 53.9 46.3 - 61.5 | 678 | 50.5 46.8 - 54.2 |
| By NZDep2006 | | | | | | | | | |
| | Low | 927 | 29.7 25.9 - 33.5 | 1,783 | 56.7 51.7 - 61.8 | 1,442 | 69.2 66.4 - 72.1 | 1,890 | 60.6 58.3 - 62.9 |
| | Medium | 1,278 | 39.1 35.0 - 43.1 | 1,893 | 57.7 53.7 - 61.8 | 1,562 | 70.1 67.7 - 72.4 | 1,895 | 58.1 55.6 - 60.7 |
| | High | 874 | 41.5 37.5 - 45.5 | 1,240 | 58.1 53.8 - 62.4 | 1,108 | 73.2 70.8 - 75.7 | 1,037 | 49.2 46.0 - 52.4 |
| By Geography | | | | | | | | | |
| | Urban | 2,822 | 39.5 36.5 - 42.6 | 4,086 | 56.9 52.7 - 61.2 | 3,432 | 70.6 68.6 - 72.6 | 3,964 | 55.7 53.4 - 58.0 |
| | Rural | 258 | 18.8 14.7 - 22.8 | 831 | 60.1 56.6 - 63.7 | 680 | 70.5 67.4 - 73.7 | 860 | 63.1 60.2 - 66.1 |

*Walking to school and home again on one day is two times, walking to school and driving home is one time



Reasons students do not participate in Sports Teams or Clubs outside of School Time
(Students could choose more than one response option).

Among students not involved in sports teams or clubs

| | Total | | By Gender | | By NZDep2006 | | | By Geography | |
|---|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Male | Female | 1 | 2 | 3 | Urban | Rural |
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | | | | | |
| it costs too much | 476 | 13.2 11.8 - 14.6 | 11.5 9.6 - 13.3 | 14.8 12.9 - 16.8 | 11.5 9.4 - 13.6 | 12.6 10.2 - 14.9 | 16.3 13.5 - 19.0 | 13.9 12.3 - 15.4 | 9.6 6.7 - 12.5 |
| I'm not good enough at sport | 737 | 20.4 18.6 - 22.3 | 15.0 13.3 - 16.7 | 25.6 22.9 - 28.4 | 23.1 20.6 - 25.7 | 21.5 19.0 - 24.1 | 15.8 13.0 - 18.5 | 20.8 18.8 - 22.8 | 17.8 14.9 - 20.8 |
| I'm not interested | 1,279 | 35.2 33.4 - 37.1 | 34.7 32.2 - 37.1 | 35.8 33.4 - 38.2 | 36.7 33.4 - 40.1 | 37.0 34.2 - 39.9 | 31.5 28.7 - 34.4 | 36.0 34.0 - 38.0 | 31.0 26.3 - 35.6 |
| it takes too much time | 849 | 23.4 21.3 - 25.5 | 21.8 18.8 - 24.9 | 24.9 22.5 - 27.4 | 26.9 23.8 - 30.0 | 23.0 20.2 - 25.9 | 20.1 17.4 - 22.7 | 24.5 22.3 - 26.7 | 16.7 13.4 - 19.9 |
| none of my friends are in sports | 542 | 14.9 13.4 - 16.4 | 11.1 9.4 - 12.8 | 18.6 16.7 - 20.4 | 13.6 11.2 - 16.0 | 15.0 13.0 - 16.9 | 16.1 13.2 - 19.0 | 15.8 14.3 - 17.3 | 8.6 5.5 - 11.7 |
| the sports I'm interested in aren't available | 540 | 14.9 13.5 - 16.2 | 15.8 14.0 - 17.6 | 14.0 12.3 - 15.6 | 13.9 11.9 - 15.9 | 15.3 13.5 - 17.2 | 15.2 13.2 - 17.3 | 14.4 13.1 - 15.7 | 17.7 14.8 - 20.5 |
| can't get there | 587 | 16.2 14.7 - 17.6 | 15.0 12.8 - 17.2 | 17.3 15.4 - 19.1 | 15.3 13.3 - 17.2 | 15.9 13.7 - 18.0 | 17.1 14.7 - 19.5 | 14.5 12.9 - 16.1 | 26.3 22.9 - 29.8 |
| I would feel shy, nervous or embarrassed | 615 | 17.0 15.6 - 18.4 | 11.2 9.7 - 12.8 | 22.5 20.4 - 24.5 | 15.6 13.2 - 18.0 | 17.7 15.6 - 19.7 | 17.9 15.4 - 20.4 | 17.7 16.3 - 19.0 | 13.0 10.3 - 15.7 |
| I have other responsibilities | 986 | 27.3 25.4 - 29.2 | 22.2 19.7 - 24.7 | 32.1 30.0 - 34.2 | 27.4 23.7 - 31.0 | 27.0 24.4 - 29.6 | 27.3 24.0 - 30.5 | 28.0 26.0 - 30.0 | 22.0 18.1 - 25.9 |
| my parents wouldn't let me | 190 | 5.2 4.4 - 6.1 | 4.4 3.3 - 5.6 | 6.0 4.9 - 7.1 | 3.6 2.4 - 4.9 | 4.7 3.5 - 6.0 | 7.6 5.6 - 9.6 | 5.4 4.4 - 6.3 | 4.0 2.1 - 5.9 |

Activities

How much time students spend doing activities each day

| | | None | Less than 1 hour | 1 to 2 hours | 3 to 4 hours | 5 hours or more |
|--|-------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| homework | 8,537 | 12.7 11.0 - 14.5 | 46.3 43.8 - 48.8 | 33.5 31.0 - 36.0 | 5.9 4.5 - 7.4 | 1.6 1.2 - 2.0 |
| read for fun (not for school or work) | 8,522 | 41.0 39.0 - 43.1 | 37.3 35.8 - 38.7 | 16.3 15.3 - 17.2 | 3.5 3.0 - 4.1 | 1.9 1.6 - 2.2 |
| do music, arts, dance or drama | 8,516 | 42.3 39.4 - 45.1 | 25.3 24.1 - 26.5 | 21.0 19.4 - 22.5 | 6.8 6.0 - 7.6 | 4.7 3.8 - 5.5 |
| watch TV | 8,524 | 5.0 4.3 - 5.7 | 21.8 20.3 - 23.3 | 38.4 36.9 - 39.9 | 23.2 21.9 - 24.5 | 11.5 10.1 - 13.0 |
| do chores or help your mum, dad or others in the family | 8,504 | 8.3 7.4 - 9.1 | 55.5 53.0 - 58.1 | 28.2 26.4 - 30.1 | 5.4 4.5 - 6.2 | 2.6 2.0 - 3.2 |
| texting (sending messages by cell-phone) | 8,495 | 17.4 15.2 - 19.6 | 32.6 30.6 - 34.5 | 21.8 20.7 - 22.9 | 13.4 12.2 - 14.5 | 14.9 13.2 - 16.5 |
| hang out at home not doing much | 8,491 | 10.1 9.0 - 11.2 | 29.7 28.7 - 30.8 | 31.1 29.9 - 32.3 | 18.6 17.5 - 19.6 | 10.5 9.6 - 11.5 |
| hang out with friends | 8,485 | 9.4 8.2 - 10.6 | 19.5 18.2 - 20.9 | 33.4 32.1 - 34.6 | 19.9 18.9 - 20.9 | 17.8 16.3 - 19.3 |
| look after younger family members (babysitting) | 8,460 | 59.7 57.4 - 62.0 | 21.0 20.0 - 22.1 | 12.0 11.0 - 13.1 | 4.3 3.6 - 5.0 | 3.0 2.3 - 3.7 |
| play computer games, or electronic games like Xbox, hand-helds, or PlayStation | 8,460 | 35.4 32.8 - 38.1 | 27.6 26.4 - 28.7 | 21.9 20.4 - 23.3 | 9.5 8.6 - 10.4 | 5.6 4.8 - 6.4 |
| play itoys (physically interactive computer games) | 8,445 | 74.5 72.6 - 76.4 | 14.4 13.5 - 15.4 | 6.8 6.0 - 7.6 | 2.4 1.9 - 2.8 | 1.9 1.5 - 2.3 |
| go on the internet | 8,445 | 15.4 13.6 - 17.2 | 33.0 30.9 - 35.2 | 32.3 30.6 - 34.1 | 11.9 10.7 - 13.0 | 7.4 6.4 - 8.3 |



Leisure activities

| | | Watch TV for 3 or more hours | | Play computer games for 3 or more hours | | Hanging out with friends for 3 or more hours | | Texting for 3 or more hours | |
|-----------------|-------------|---------------------------------|---------------------|--|---------------------|--|---------------------|--------------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,964 | 34.8 32.3 - 37.2 | 1,281 | 15.1 13.7 - 16.5 | 3,200 | 37.7 35.6 - 39.8 | 2,398 | 28.2 25.8 - 30.7 |
| By Gender | Male | 1,627 | 35.7 32.6 - 38.9 | 950 | 21.1 19.0 - 23.2 | 1,570 | 34.7 32.0 - 37.3 | 991 | 21.9 19.3 - 24.5 |
| | Female | 1,337 | 33.7 30.8 - 36.5 | 331 | 8.3 7.0 - 9.7 | 1,630 | 41.2 38.7 - 43.6 | 1,407 | 35.5 32.6 - 38.4 |
| By Age | 13 or less | 586 | 33.8 30.9 - 36.7 | 311 | 18.2 15.9 - 20.4 | 644 | 37.6 35.1 - 40.2 | 386 | 22.5 19.8 - 25.3 |
| | 14 | 761 | 38.9 35.8 - 42.0 | 340 | 17.6 15.3 - 19.8 | 769 | 39.5 37.0 - 41.9 | 555 | 28.5 25.7 - 31.3 |
| | 15 | 644 | 34.9 32.0 - 37.8 | 291 | 15.9 14.2 - 17.5 | 713 | 38.6 35.5 - 41.6 | 583 | 31.5 28.1 - 34.8 |
| | 16 | 553 | 33.6 30.1 - 37.1 | 197 | 12.0 10.2 - 13.9 | 614 | 37.5 34.5 - 40.5 | 521 | 31.7 28.1 - 35.3 |
| | 17 or older | 420 | 31.3 27.2 - 35.3 | 142 | 10.5 8.6 - 12.5 | 460 | 34.3 30.8 - 37.7 | 353 | 26.3 22.4 - 30.3 |
| By NZDep2006 | Low | 899 | 28.9 25.9 - 31.8 | 337 | 10.9 9.7 - 12.1 | 1,085 | 34.9 32.3 - 37.5 | 744 | 23.9 21.2 - 26.6 |
| | Medium | 1,103 | 33.9 31.8 - 36.1 | 491 | 15.1 13.4 - 16.9 | 1,201 | 37.0 34.5 - 39.6 | 879 | 27.1 24.4 - 29.9 |
| | High | 936 | 45.0 41.9 - 48.0 | 437 | 21.3 19.0 - 23.5 | 890 | 43.0 40.3 - 45.8 | 749 | 36.3 34.0 - 38.6 |
| By Geography | Urban | 2,533 | 35.7 33.1 - 38.4 | 1,120 | 15.9 14.4 - 17.3 | 2,654 | 37.6 35.1 - 40.0 | 2,000 | 28.3 25.5 - 31.2 |
| | Rural | 406 | 29.8 25.8 - 33.8 | 145 | 10.7 8.9 - 12.5 | 523 | 38.5 35.6 - 41.4 | 372 | 27.3 24.8 - 29.8 |

Other activities

| | | Do chores or help your mum, dad or others in your family for one or more hours a day | | Look after younger family members for one or more hours a day | | Does extra work around the home because someone at home is disabled, sick or can't do things* | | Homework for one or more hours a day | | Doing music, arts, dance or drama for one or more hours a day | |
|---------------------|-------------|--|---------------------|---|---------------------|---|---------------------|--------------------------------------|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 3,082 | 36.2 33.4 - 39.0 | 615 | 7.3 6.0 - 8.6 | 512 | 30.9 28.5 - 33.4 | 3,493 | 41.0 37.2 - 44.7 | 2,755 | 32.4 30.1 - 34.8 |
| By Gender | Male | 1,575 | 34.6 30.9 - 38.3 | 239 | 5.3 4.1 - 6.5 | 247 | 31.0 28.0 - 34.0 | 1,652 | 36.3 31.3 - 41.4 | 1,167 | 25.8 23.3 - 28.2 |
| | Female | 1,507 | 38.1 35.1 - 41.0 | 376 | 9.5 7.8 - 11.2 | 265 | 30.9 27.3 - 34.4 | 1,841 | 46.3 42.3 - 50.3 | 1,588 | 40.0 37.5 - 42.6 |
| By Age | 13 or less | 695 | 40.3 36.9 - 43.7 | 105 | 6.2 4.7 - 7.6 | 97 | 32.2 26.4 - 37.9 | 797 | 45.9 41.3 - 50.6 | 540 | 31.3 28.0 - 34.5 |
| | 14 | 753 | 38.6 35.0 - 42.2 | 159 | 8.2 6.4 - 10.0 | 123 | 31.5 26.5 - 36.5 | 757 | 38.5 34.2 - 42.8 | 675 | 34.5 31.3 - 37.7 |
| | 15 | 687 | 37.2 34.0 - 40.4 | 155 | 8.4 6.7 - 10.1 | 118 | 29.8 25.5 - 34.2 | 700 | 37.8 33.5 - 42.1 | 610 | 33.2 30.4 - 36.0 |
| | 16 | 517 | 31.6 27.7 - 35.4 | 116 | 7.1 5.2 - 9.0 | 96 | 32.6 27.4 - 37.8 | 646 | 39.4 35.1 - 43.7 | 508 | 31.0 28.0 - 33.9 |
| | 17 or older | 430 | 32.0 28.6 - 35.5 | 80 | 6.0 4.3 - 7.8 | 78 | 28.5 23.2 - 33.8 | 593 | 44.3 40.1 - 48.6 | 422 | 31.6 28.4 - 34.8 |
| By NZDep2006 | Low | 911 | 29.2 26.7 - 31.7 | 122 | 3.9 3.0 - 4.8 | 137 | 27.5 23.8 - 31.3 | 1,365 | 43.6 39.3 - 48.0 | 969 | 31.1 28.2 - 34.1 |
| | Medium | 1,148 | 35.4 32.4 - 38.3 | 204 | 6.4 5.3 - 7.4 | 186 | 29.4 25.8 - 33.0 | 1,280 | 39.4 34.9 - 44.0 | 948 | 29.3 26.9 - 31.6 |
| | High | 993 | 47.9 44.1 - 51.7 | 283 | 13.8 11.0 - 16.6 | 186 | 36.2 31.2 - 41.1 | 825 | 39.6 35.2 - 44.0 | 812 | 39.2 35.7 - 42.7 |
| By Geography | Urban | 2,521 | 35.6 32.5 - 38.8 | 549 | 7.8 6.3 - 9.3 | 435 | 30.9 28.3 - 33.5 | 2,963 | 41.7 37.8 - 45.7 | 2,394 | 33.9 31.3 - 36.4 |
| | Rural | 531 | 39.0 35.1 - 42.8 | 60 | 4.5 3.4 - 5.6 | 74 | 31.0 25.8 - 36.3 | 508 | 37.3 31.5 - 43.2 | 335 | 24.7 22.2 - 27.1 |

*Among students with someone at home seriously affected by disability, long term illness, mental illness or alcohol and/or drug use



Activities students do while on the internet (students could choose more than one response option)

| | Total | | By Gender | |
|---|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | |
| chat or talk to others | 5,500 | 77.4 75.4 - 79.3 | 71.1 68.3 - 73.9 | 84.6 83.2 - 86.0 |
| school work | 4,784 | 67.4 64.8 - 70.0 | 60.5 57.2 - 63.8 | 75.4 72.5 - 78.3 |
| find out about music, sport or hobbies or interests | 4,548 | 64.0 62.5 - 65.6 | 66.1 64.3 - 67.9 | 61.6 59.6 - 63.7 |
| look at things to buy or sell | 2,853 | 40.1 37.8 - 42.5 | 49.2 46.4 - 52.1 | 29.6 27.6 - 31.6 |
| play games by myself | 2,615 | 36.7 34.8 - 38.7 | 45.1 42.8 - 47.4 | 27.0 24.8 - 29.1 |
| play games with others on the internet | 1,894 | 26.6 24.3 - 28.8 | 38.7 36.7 - 40.7 | 12.5 11.1 - 13.9 |
| look at porn or sex sites | 1,259 | 17.8 15.0 - 20.6 | 31.2 29.0 - 33.3 | 2.3 1.8 - 2.8 |
| gamble or bet money | 123 | 1.7 1.3 - 2.2 | 2.8 2.2 - 3.5 | 0.5 0.2 - 0.7 |
| do my own website or blog | 2,736 | 38.5 35.9 - 41.1 | 28.2 26.2 - 30.3 | 50.4 48.3 - 52.5 |
| look up health stuff | 548 | 7.7 7.0 - 8.5 | 7.2 6.1 - 8.2 | 8.4 7.4 - 9.4 |

Comparison 2001 – 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| 20 minutes or more of vigorous activity on three or more occasions in the last week | | | | | |
| Total | | 4977 | 53.6 51.7 - 55.5 | 5544 | 64.4 62.4 - 66.4 |
| | | | | | |
| By Gender | Male | 2699 | 63.4 61.8 - 65.1 | 3314 | 71.9 70.3 - 73.5 |
| | Female | 2278 | 45.2 43.0 - 47.3 | 2230 | 55.7 53.2 - 58.2 |
| Watch more than 1 hour of TV a day* | | | | | |
| Total | | 5083 | 55.0 52.8 - 57.2 | 6232 | 73.2 71.0 - 75.3 |
| | | | | | |
| By Gender | Male | 2457 | 58.0 55.2 - 60.7 | 3362 | 73.9 71.5 - 76.2 |
| | Female | 2626 | 52.4 49.8 - 55.1 | 2870 | 72.4 69.4 - 75.4 |
| Use the internet for more than 1 hour a day*+ | | | | | |
| Total | | 1667 | 18.2 16.8 - 19.6 | 4350 | 51.6 48.7 - 54.5 |
| | | | | | |
| By Gender | Male | 855 | 20.4 18.5 - 22.3 | 2388 | 53.2 50.1 - 56.4 |
| | Female | 812 | 16.3 14.7 - 17.9 | 1962 | 49.7 46.5 - 52.9 |

* Question response options change from 2001 to 2007: 2001 (I don't watch TV, less than 30 minutes, 30 min to 1 hour, 1-4 hours, more than 5 hours); 2007 (None, less than one hour, 1 to 2 hours, 3 to 4 hours, 5 hours or more)
+2001 question was 'use the internet or computer (not playing games)'



General Health

This section covers students' self-reported assessment of their overall health, long-term health problems or disabilities, and questions about access to health care. Currently New Zealand has few youth-specific health services and the 2001 survey highlighted that many students have difficulty accessing health care (Adolescent Health Research Group, 2003).

Access to private and confidential health care are important indicators of quality health care services for young people (Council on Scientific Affairs AMA, 1993). There are specific questions about quality of health care received (confidentiality and consent) and reasons students may have for problems accessing health care. There are new questions on oral health and access to dental services.



General Health

In general how would you say your health is?

| | | | Excellent | Very good | Good | Fair | Poor |
|--------------|-------------|-------|---------------------|---------------------|---------------------|------------------|------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | | | |
| Total | | 8,875 | 25.0 23.4 - 26.6 | 41.2 39.9 - 42.5 | 25.7 24.5 - 27.0 | 6.3 5.6 - 7.0 | 1.8 1.4 - 2.1 |
| | | | | | | | |
| By Gender | Male | 4,778 | 30.0 28.3 - 31.8 | 41.6 39.9 - 43.3 | 22.1 20.9 - 23.3 | 4.8 4.0 - 5.5 | 1.5 1.1 - 1.9 |
| | Female | 4,097 | 19.1 17.7 - 20.6 | 40.7 38.9 - 42.5 | 30.0 28.3 - 31.6 | 8.1 7.0 - 9.3 | 2.1 1.6 - 2.5 |
| | | | | | | | |
| By Age | 13 or less | 1,812 | 27.1 24.5 - 29.6 | 43.3 40.7 - 45.8 | 22.9 20.6 - 25.3 | 5.2 4.2 - 6.2 | 1.5 0.9 - 2.1 |
| | 14 | 2,042 | 24.7 22.4 - 26.9 | 41.1 38.6 - 43.5 | 25.9 23.8 - 28.1 | 6.5 5.2 - 7.9 | 1.8 1.2 - 2.4 |
| | 15 | 1,943 | 24.0 22.0 - 26.1 | 40.1 38.0 - 42.1 | 26.8 24.5 - 29.2 | 7.2 6.0 - 8.5 | 1.8 1.2 - 2.4 |
| | 16 | 1,699 | 22.8 20.5 - 25.1 | 41.8 39.3 - 44.4 | 27.9 25.6 - 30.2 | 5.6 4.5 - 6.8 | 1.8 1.3 - 2.4 |
| | 17 or older | 1,379 | 26.8 23.5 - 30.2 | 39.5 36.7 - 42.3 | 24.8 22.3 - 27.4 | 6.9 5.5 - 8.3 | 1.9 1.1 - 2.8 |
| | | | | | | | |
| By NZDep2006 | Low | 3,196 | 27.1 24.7 - 29.6 | 44.2 42.5 - 45.9 | 22.6 20.7 - 24.4 | 5.1 4.3 - 5.8 | 1.1 0.7 - 1.5 |
| | Medium | 3,359 | 24.3 22.4 - 26.2 | 41.3 39.4 - 43.1 | 26.2 24.7 - 27.8 | 6.3 5.4 - 7.1 | 1.9 1.4 - 2.3 |
| | High | 2,213 | 23.2 21.1 - 25.3 | 36.9 34.8 - 39.1 | 29.2 27.2 - 31.2 | 8.2 7.0 - 9.5 | 2.5 1.7 - 3.3 |
| | | | | | | | |
| By Geography | Urban | 7,370 | 25.1 23.4 - 26.8 | 40.6 39.2 - 41.9 | 26.0 24.7 - 27.3 | 6.5 5.7 - 7.4 | 1.8 1.5 - 2.1 |
| | Rural | 1,400 | 24.9 21.7 - 28.1 | 44.9 42.2 - 47.7 | 23.7 20.9 - 26.4 | 5.1 4.1 - 6.2 | 1.4 0.8 - 2.0 |



Chronic health conditions or disability

| | | Chronic health problem or condition | | Chronic disability | |
|---------------------|-------------|-------------------------------------|---------------------|--------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| | | | | | |
| Total | | 1,464 | 16.5 15.6 - 17.4 | 448 | 5.0 4.5 - 5.5 |
| | | | | | |
| By Gender | Male | 745 | 15.6 14.6 - 16.6 | 251 | 5.3 4.7 - 5.9 |
| | Female | 719 | 17.5 16.0 - 19.0 | 197 | 4.8 4.0 - 5.5 |
| | | | | | |
| By Age | 13 or less | 263 | 14.6 13.1 - 16.1 | 88 | 4.8 4.0 - 5.7 |
| | 14 | 343 | 16.8 15.2 - 18.4 | 94 | 4.6 3.7 - 5.5 |
| | 15 | 325 | 16.7 14.8 - 18.6 | 112 | 5.7 4.7 - 6.7 |
| | 16 | 295 | 17.3 15.2 - 19.5 | 79 | 4.6 3.7 - 5.6 |
| | 17 or older | 238 | 17.1 15.0 - 19.2 | 75 | 5.4 4.0 - 6.8 |
| | | | | | |
| By NZDep2006 | Low | 556 | 17.4 15.9 - 18.8 | 165 | 5.2 4.3 - 6.1 |
| | Medium | 570 | 17.0 15.7 - 18.2 | 173 | 5.1 4.4 - 5.8 |
| | High | 318 | 14.4 12.6 - 16.1 | 107 | 4.8 3.8 - 5.8 |
| | | | | | |
| By Geography | Urban | 1,183 | 16.0 15.0 - 17.1 | 362 | 4.9 4.4 - 5.4 |
| | Rural | 261 | 18.7 16.8 - 20.6 | 83 | 5.9 4.6 - 7.2 |



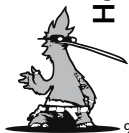
Health Care Access

Where do students usually get health care from?

| | | Family doctor, medical centre or GP clinic | | After-hours A&E or 24 hour A&M | | Hospital A&E | | School health centre | | Youth Centre | | Family planning or sexual health | | An alternative health worker (e.g. naturopath, homeopath acupuncturist) | | Other | | I don't go anywhere for health care | |
|--------------|-------------|--|---------------------|--------------------------------|------------------|--------------|------------------|----------------------|------------------|--------------|------------------|----------------------------------|------------------|---|------------------|-------|------------------|-------------------------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 7,744 | 87.6 86.5 - 88.7 | 136 | 1.6 1.2 - 2.0 | 166 | 1.9 1.5 - 2.2 | 230 | 2.6 1.7 - 3.5 | 23 | 0.3 0.1 - 0.4 | 36 | 0.4 0.3 - 0.5 | 63 | 0.7 0.5 - 0.9 | 114 | 1.3 1.1 - 1.5 | 324 | 3.7 3.2 - 4.1 |
| | | | | | | | | | | | | | | | | | | | |
| By Gender | Male | 4,126 | 86.9 85.1 - 88.6 | 90 | 1.9 1.3 - 2.5 | 113 | 2.4 1.8 - 2.9 | 112 | 2.4 1.0 - 3.7 | 11 | 0.2 0.1 - 0.4 | 8 | 0.2 0.0 - 0.3 | 27 | 0.6 0.3 - 0.8 | 72 | 1.5 1.2 - 1.8 | 191 | 4.0 3.4 - 4.6 |
| | Female | 3,618 | 88.5 87.2 - 89.9 | 46 | 1.1 0.8 - 1.5 | 53 | 1.3 0.9 - 1.7 | 118 | 2.9 2.0 - 3.8 | 12 | 0.3 0.1 - 0.5 | 28 | 0.7 0.4 - 0.9 | 36 | 0.9 0.6 - 1.2 | 42 | 1.0 0.7 - 1.4 | 133 | 3.2 2.6 - 3.9 |
| By Age | 13 or less | 1,611 | 89.5 87.9 - 91.1 | 20 | 1.1 0.7 - 1.5 | 36 | 2.0 1.2 - 2.7 | 22 | 1.2 0.7 - 1.7 | 5 | 0.3 0.0 - 0.5 | 2 | 0.1 0.0 - 0.3 | 11 | 0.6 0.2 - 1.0 | 33 | 1.8 1.1 - 2.6 | 61 | 3.4 2.6 - 4.1 |
| | 14 | 1,774 | 87.3 85.8 - 88.7 | 39 | 1.9 1.4 - 2.5 | 55 | 2.7 1.9 - 3.5 | 46 | 2.3 1.4 - 3.2 | 2 | 0.1 0.0 - 0.2 | 5 | 0.2 0.0 - 0.5 | 14 | 0.7 0.4 - 1.0 | 36 | 1.8 1.1 - 2.4 | 60 | 3.0 2.2 - 3.7 |
| | 15 | 1,697 | 87.9 86.2 - 89.6 | 21 | 1.1 0.5 - 1.6 | 29 | 1.5 0.9 - 2.1 | 61 | 3.2 1.9 - 4.4 | 5 | 0.3 0.0 - 0.5 | 9 | 0.5 0.2 - 0.8 | 14 | 0.7 0.4 - 1.1 | 23 | 1.2 0.7 - 1.7 | 72 | 3.7 2.8 - 4.5 |
| | 16 | 1,462 | 86.2 84.1 - 88.4 | 29 | 1.7 0.9 - 2.5 | 28 | 1.7 1.0 - 2.4 | 55 | 3.3 1.7 - 4.8 | 7 | 0.4 0.0 - 0.8 | 12 | 0.7 0.3 - 1.1 | 11 | 0.7 0.2 - 1.1 | 13 | 0.8 0.4 - 1.1 | 78 | 4.6 3.6 - 5.6 |
| | 17 or older | 1,200 | 87.1 85.0 - 89.2 | 27 | 2.0 1.1 - 2.8 | 18 | 1.3 0.8 - 1.8 | 46 | 3.3 1.9 - 4.8 | 4 | 0.3 0.0 - 0.7 | 8 | 0.6 0.2 - 1.0 | 13 | 0.9 0.4 - 1.4 | 9 | 0.7 0.3 - 1.0 | 53 | 3.8 2.7 - 5.0 |
| By NZDep2006 | Low | 2,869 | 89.9 88.6 - 91.3 | 52 | 1.6 1.1 - 2.2 | 50 | 1.6 1.0 - 2.2 | 50 | 1.6 0.9 - 2.2 | 5 | 0.2 0.0 - 0.3 | 13 | 0.4 0.2 - 0.6 | 31 | 1.0 0.6 - 1.4 | 35 | 1.1 0.7 - 1.4 | 86 | 2.7 2.0 - 3.4 |
| | Medium | 2,894 | 86.5 85.0 - 88.0 | 62 | 1.9 1.3 - 2.5 | 62 | 1.8 1.4 - 2.3 | 93 | 2.8 1.7 - 3.9 | 6 | 0.2 0.0 - 0.4 | 13 | 0.4 0.2 - 0.6 | 26 | 0.8 0.5 - 1.1 | 48 | 1.4 1.0 - 1.8 | 140 | 4.2 3.5 - 4.8 |
| | High | 1,899 | 86.4 84.4 - 88.4 | 19 | 0.9 0.5 - 1.3 | 52 | 2.4 1.7 - 3.0 | 83 | 3.8 2.3 - 5.3 | 12 | 0.6 0.2 - 0.9 | 9 | 0.4 0.1 - 0.7 | 6 | 0.3 0.1 - 0.5 | 26 | 1.2 0.7 - 1.7 | 91 | 4.2 3.3 - 5.0 |
| By Geography | Urban | 6,452 | 87.9 86.8 - 88.9 | 123 | 1.7 1.2 - 2.1 | 130 | 1.8 1.4 - 2.1 | 171 | 2.3 1.5 - 3.1 | 20 | 0.3 0.1 - 0.4 | 33 | 0.4 0.3 - 0.6 | 46 | 0.6 0.4 - 0.8 | 87 | 1.2 1.0 - 1.4 | 279 | 3.8 3.3 - 4.3 |
| | Rural | 1,212 | 87.0 84.8 - 89.3 | 10 | 0.7 0.3 - 1.2 | 34 | 2.4 1.5 - 3.4 | 55 | 4.0 2.2 - 5.8 | 3 | 0.2 0.0 - 0.4 | 2 | 0.1 0.0 - 0.3 | 17 | 1.2 0.7 - 1.8 | 22 | 1.6 1.0 - 2.2 | 38 | 2.7 1.8 - 3.5 |

When was the last time you went for health care?

| | | | 0 – 6 months ago | 7 – 12 months ago | 13 to 24 months ago | More than 2 years ago |
|-----------------|-------------|-------|---------------------|----------------------|------------------------|--------------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,799 | 62.1 60.6 - 63.6 | 20.8 19.8 - 21.9 | 8.9 8.3 - 9.6 | 8.1 7.5 - 8.8 |
| By Gender | Male | 4,731 | 60.1 58.5 - 61.7 | 21.3 19.9 - 22.7 | 9.9 9.0 - 10.8 | 8.6 7.8 - 9.4 |
| | Female | 4,068 | 64.4 62.4 - 66.4 | 20.3 18.8 - 21.8 | 7.8 6.9 - 8.6 | 7.6 6.6 - 8.5 |
| By Age | 13 or less | 1,791 | 60.7 58.7 - 62.6 | 22.1 20.1 - 24.0 | 9.4 7.9 - 10.8 | 7.9 6.4 - 9.4 |
| | 14 | 2,026 | 60.5 57.9 - 63.0 | 22.2 20.4 - 24.0 | 9.4 7.8 - 11.1 | 7.9 6.6 - 9.3 |
| | 15 | 1,922 | 63.1 60.6 - 65.6 | 19.0 17.2 - 20.8 | 9.4 8.1 - 10.6 | 8.5 7.2 - 9.8 |
| | 16 | 1,686 | 62.5 60.0 - 64.9 | 19.8 18.1 - 21.6 | 8.6 7.2 - 10.0 | 9.1 7.6 - 10.6 |
| | 17 or older | 1,374 | 64.5 61.6 - 67.4 | 21.0 18.7 - 23.3 | 7.4 6.1 - 8.7 | 7.1 5.6 - 8.5 |
| By NZDep2006 | Low | 3,186 | 62.4 60.1 - 64.7 | 23.0 21.3 - 24.8 | 8.3 7.3 - 9.3 | 6.3 5.4 - 7.1 |
| | Medium | 3,333 | 62.7 60.7 - 64.8 | 19.6 18.0 - 21.1 | 8.9 8.0 - 9.9 | 8.8 7.7 - 9.8 |
| | High | 2,179 | 60.5 58.2 - 62.8 | 19.6 18.0 - 21.2 | 9.8 8.4 - 11.3 | 10.0 8.8 - 11.3 |
| By Geography | Urban | 7,307 | 61.4 59.7 - 63.1 | 21.2 20.0 - 22.4 | 9.2 8.5 - 9.9 | 8.3 7.5 - 9.1 |
| | Rural | 1,393 | 65.7 62.8 - 68.5 | 19.1 17.0 - 21.2 | 7.7 6.3 - 9.0 | 7.5 6.1 - 9.0 |



Health care services accessed in the last 12 months (among those students who have accessed health care in the last 12 months) Students could choose more than one response option

| | | Family doctor, medical centre or GP clinic | | After-hours A&E or 24 hour A&M | | Hospital A&E | | School health centre | | Youth Centre | | Family planning or sexual health | | An alternative health worker, traditional healer, or Other | | None | |
|-----------------|-------------|--|---------------------|-----------------------------------|---------------------|---------------------|---------------------|-------------------------|---------------------|---------------------|------------------|-------------------------------------|-------------------|---|---------------------|---------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 6,749 | 92.7 92.0 - 93.5 | 1,133 | 15.6 13.8 - 17.5 | 1,305 | 17.9 16.3 - 19.5 | 1,664 | 23.0 19.8 - 26.3 | 155 | 2.1 1.5 - 2.7 | 374 | 5.1 4.3 - 6.0 | 947 | 13.0 12.2 - 13.8 | 145 | 2.0 1.7 - 2.3 |
| | | | | | | | | | | | | | | | | | |
| | By Gender | Male | 3,527 | 92.0 91.0 - 93.0 | 611 | 16.0 13.7 - 18.3 | 770 | 20.0 18.0 - 22.0 | 846 | 22.2 18.5 - 25.9 | 63 | 1.6 1.1 - 2.1 | 92 | 2.4 1.9 - 3.0 | 471 | 12.2 11.2 - 13.3 | 82 |
| Female | | 3,222 | 93.6 92.5 - 94.6 | 522 | 15.2 13.1 - 17.4 | 535 | 15.5 13.7 - 17.3 | 818 | 24.0 19.9 - 28.1 | 92 | 2.6 1.6 - 3.7 | 282 | 8.2 6.9 - 9.5 | 476 | 13.8 12.6 - 15.0 | 63 | 1.8 1.5 - 2.2 |
| By Age | | | | | | | | | | | | | | | | | |
| | 13 or less | 1,353 | 92.2 90.8 - 93.7 | 215 | 14.8 12.1 - 17.5 | 241 | 16.3 14.0 - 18.7 | 289 | 19.8 16.6 - 23.0 | 24 | 1.6 0.7 - 2.4 | 25 | 1.7 1.0 - 2.4 | 194 | 13.2 11.4 - 15.0 | 40 | 2.7 1.9 - 3.5 |
| | 14 | 1,543 | 92.2 90.8 - 93.6 | 247 | 14.8 12.6 - 17.1 | 341 | 20.4 17.9 - 22.8 | 370 | 22.4 18.7 - 26.1 | 23 | 1.4 0.8 - 2.0 | 43 | 2.6 1.6 - 3.5 | 202 | 12.0 10.1 - 13.9 | 38 | 2.3 1.6 - 3.0 |
| | 15 | 1,460 | 92.8 91.5 - 94.0 | 233 | 14.8 12.4 - 17.2 | 291 | 18.5 16.1 - 20.9 | 395 | 25.2 21.1 - 29.2 | 48 | 3.0 2.0 - 4.0 | 93 | 5.9 4.3 - 7.5 | 187 | 11.8 10.2 - 13.4 | 30 | 1.9 1.2 - 2.6 |
| | 16 | 1,294 | 93.2 91.6 - 94.8 | 242 | 17.5 14.3 - 20.7 | 252 | 18.2 15.7 - 20.6 | 335 | 24.3 20.0 - 28.6 | 31 | 2.2 1.2 - 3.1 | 97 | 7.0 5.2 - 8.9 | 206 | 14.8 13.2 - 16.5 | 23 | 1.7 1.0 - 2.3 |
| | 17 or older | 1,099 | 93.6 92.1 - 95.1 | 196 | 16.7 13.9 - 19.5 | 180 | 15.2 12.8 - 17.6 | 275 | 23.6 19.2 - 27.9 | 29 | 2.5 0.9 - 4.0 | 116 | 9.9 7.5 - 12.2 | 158 | 13.5 11.9 - 15.0 | 14 | 1.2 0.6 - 1.8 |
| By NZDep2006 | | | | | | | | | | | | | | | | | |
| | Low | 2,540 | 93.6 92.6 - 94.6 | 523 | 19.4 17.2 - 21.5 | 480 | 17.7 15.2 - 20.2 | 596 | 22.1 17.8 - 26.4 | 52 | 1.9 1.1 - 2.6 | 143 | 5.3 4.0 - 6.5 | 262 | 16.1 14.2 - 18.1 | 39 | 1.4 1.0 - 1.9 |
| | Medium | 2,541 | 92.8 91.6 - 94.1 | 418 | 15.3 13.4 - 17.3 | 483 | 17.5 15.7 - 19.3 | 584 | 21.5 17.9 - 25.0 | 46 | 1.6 0.9 - 2.3 | 132 | 4.8 3.7 - 5.9 | 260 | 16.4 14.5 - 18.2 | 55 | 2.0 1.5 - 2.5 |
| | High | 1,598 | 91.9 90.5 - 93.3 | 180 | 10.3 8.4 - 12.3 | 330 | 18.9 16.4 - 21.5 | 461 | 26.8 22.9 - 30.7 | 56 | 3.2 2.0 - 4.4 | 94 | 5.4 4.3 - 6.5 | 144 | 14.8 12.5 - 17.0 | 47 | 2.7 2.0 - 3.4 |
| By Geography | | | | | | | | | | | | | | | | | |
| | Urban | 5,589 | 93.0 92.2 - 93.7 | 992 | 16.5 14.6 - 18.5 | 1,052 | 17.5 15.8 - 19.1 | 1,398 | 23.4 20.0 - 26.8 | 132 | 2.1 1.5 - 2.8 | 313 | 5.2 4.3 - 6.2 | 745 | 12.4 11.6 - 13.2 | 121 | 2.0 1.7 - 2.3 |
| | Rural | 1,092 | 92.5 90.8 - 94.2 | 129 | 11.1 9.1 - 13.0 | 241 | 20.4 17.5 - 23.4 | 243 | 20.9 16.2 - 25.6 | 22 | 1.9 1.0 - 2.9 | 56 | 4.8 3.3 - 6.3 | 189 | 16.0 14.0 - 18.0 | 20 | 1.7 1.0 - 2.4 |

Quality of and access to health care

| | | Talked with a health provider in private* | | Health provider assured confidentiality* | | Unable to access health care when needed in the last 12 months | | Seen a health professional for emotional worries in last 12 months | |
|---------------------|-------------|---|---------------------|--|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,584 | 35.5 33.7 - 37.4 | 3,276 | 45.5 43.5 - 47.5 | 1,485 | 16.8 15.7 - 18.0 | 1,454 | 16.5 15.3 - 17.7 |
| By Gender | Male | 1,341 | 35.0 32.8 - 37.2 | 1,615 | 42.6 40.7 - 44.6 | 681 | 14.4 13.1 - 15.8 | 545 | 11.5 10.3 - 12.7 |
| | Female | 1,243 | 36.1 33.8 - 38.5 | 1,661 | 48.6 45.8 - 51.5 | 804 | 19.7 18.2 - 21.2 | 909 | 22.3 20.7 - 23.9 |
| By Age | 13 or less | 303 | 20.6 18.3 - 22.8 | 528 | 36.5 33.7 - 39.3 | 271 | 14.9 13.0 - 16.8 | 254 | 14.2 12.1 - 16.3 |
| | 14 | 434 | 26.0 23.4 - 28.7 | 659 | 39.9 37.0 - 42.8 | 325 | 16.1 14.1 - 18.2 | 368 | 18.2 16.4 - 20.1 |
| | 15 | 553 | 35.1 32.5 - 37.7 | 738 | 47.1 44.1 - 50.2 | 347 | 18.0 16.2 - 19.8 | 351 | 18.3 15.9 - 20.6 |
| | 16 | 625 | 45.1 41.7 - 48.5 | 738 | 53.7 50.0 - 57.4 | 321 | 19.0 16.7 - 21.4 | 279 | 16.4 14.4 - 18.5 |
| | 17 or older | 669 | 57.0 52.7 - 61.2 | 613 | 52.4 48.8 - 56.0 | 221 | 16.1 14.1 - 18.1 | 202 | 14.5 12.1 - 16.9 |
| By NZDep2006 | Low | 935 | 34.5 32.0 - 37.0 | 1,187 | 44.0 41.9 - 46.1 | 472 | 14.8 13.6 - 16.1 | 469 | 14.6 13.1 - 16.1 |
| | Medium | 1,008 | 36.9 34.4 - 39.3 | 1,225 | 45.4 42.5 - 48.2 | 527 | 15.8 14.1 - 17.4 | 529 | 15.9 14.1 - 17.7 |
| | High | 615 | 35.4 32.5 - 38.2 | 829 | 48.1 44.5 - 51.7 | 470 | 21.5 19.7 - 23.3 | 438 | 20.1 18.2 - 22.0 |
| By Geography | Urban | 2,085 | 34.7 32.8 - 36.6 | 2,691 | 45.2 42.9 - 47.4 | 1,261 | 17.2 15.9 - 18.5 | 1,217 | 16.6 15.2 - 18.0 |
| | Rural | 473 | 40.4 37.2 - 43.5 | 550 | 47.2 44.2 - 50.3 | 208 | 14.9 13.1 - 16.7 | 219 | 15.7 13.5 - 18.0 |

* Among students who have accessed health care in the last 12 months



Reasons students were unable to access health care (Students could choose more than one response option).

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

| | Total | | By Gender | | By NZDep2006 | | | By Geography | |
|--|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Male | Female | Low | Medium | High | Urban | Rural |
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | | | | | |
| didn't know how to | 312 | 21.8 19.5 - 24.0 | 22.0 18.7 - 25.2 | 21.6 18.7 - 24.5 | 18.4 15.2 - 21.6 | 19.6 16.0 - 23.1 | 27.7 23.1 - 32.2 | 23.1 20.7 - 25.4 | 14.1 9.2 - 18.9 |
| couldn't get an appointment | 331 | 23.1 20.7 - 25.5 | 21.8 18.4 - 25.1 | 24.2 21.0 - 27.5 | 21.9 17.6 - 26.2 | 20.9 17.3 - 24.6 | 26.6 22.2 - 31.0 | 22.3 19.7 - 24.9 | 27.8 23.2 - 32.4 |
| didn't want to make a fuss | 789 | 55.0 52.1 - 58.0 | 51.1 47.4 - 54.8 | 58.3 54.4 - 62.2 | 58.6 53.3 - 63.8 | 55.5 50.8 - 60.3 | 51.6 46.8 - 56.4 | 55.9 52.9 - 58.9 | 51.5 43.2 - 59.8 |
| couldn't be bothered | 560 | 39.1 36.0 - 42.2 | 45.2 41.1 - 49.4 | 34.0 30.4 - 37.6 | 37.3 32.2 - 42.5 | 35.9 31.8 - 40.0 | 44.9 40.7 - 49.2 | 39.9 36.7 - 43.2 | 35.0 27.6 - 42.3 |
| had no transport to get there | 385 | 26.9 24.5 - 29.3 | 25.6 22.2 - 29.0 | 28.0 24.8 - 31.1 | 26.9 23.1 - 30.7 | 25.9 22.3 - 29.4 | 28.3 24.2 - 32.4 | 27.0 24.4 - 29.6 | 26.7 20.7 - 32.7 |
| cost too much | 461 | 32.2 29.5 - 34.9 | 27.0 24.0 - 30.0 | 36.6 32.7 - 40.4 | 33.1 28.6 - 37.6 | 32.5 28.9 - 36.1 | 30.9 25.9 - 36.0 | 33.0 30.0 - 36.0 | 27.3 20.7 - 33.9 |
| couldn't contact the health professional | 139 | 9.8 8.2 - 11.3 | 11.8 8.9 - 14.6 | 8.1 6.3 - 10.0 | 9.2 6.7 - 11.8 | 7.0 4.7 - 9.3 | 13.6 10.7 - 16.4 | 9.8 8.2 - 11.4 | 10.1 5.5 - 14.7 |
| didn't feel comfortable with the person | 308 | 21.4 19.2 - 23.6 | 18.4 15.5 - 21.2 | 24.0 20.6 - 27.3 | 23.2 19.8 - 26.7 | 20.7 16.6 - 24.8 | 20.7 16.9 - 24.4 | 21.2 18.9 - 23.6 | 23.2 16.6 - 29.9 |
| too scared | 429 | 29.9 27.1 - 32.7 | 20.7 17.2 - 24.1 | 37.6 33.7 - 41.5 | 30.7 25.5 - 35.8 | 27.8 23.7 - 31.9 | 31.2 27.2 - 35.1 | 29.9 26.8 - 33.1 | 29.0 22.9 - 35.2 |
| worried it wouldn't be kept private | 406 | 28.2 26.1 - 30.3 | 21.5 18.0 - 25.0 | 33.8 30.7 - 37.0 | 28.3 24.4 - 32.1 | 27.2 23.6 - 30.9 | 30.0 25.9 - 34.0 | 28.4 26.1 - 30.7 | 28.6 23.2 - 34.1 |
| other | 297 | 20.6 18.3 - 22.9 | 21.4 17.8 - 25.1 | 19.9 17.2 - 22.7 | 20.4 17.0 - 23.8 | 19.1 15.7 - 22.5 | 22.1 18.6 - 25.7 | 21.0 18.5 - 23.5 | 17.2 11.6 - 22.8 |



Health issues where students had difficulty getting help in the last 12 months

(Students could choose more than one response option).

| | Total | | By Gender | |
|--|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | |
| an injury/accident | 827 | 9.9 8.8 - 11.0 | 13.0 11.3 - 14.7 | 6.4 5.5 - 7.3 |
| help with stopping smoking | 270 | 3.2 2.6 - 3.8 | 2.9 2.3 - 3.6 | 3.6 2.7 - 4.4 |
| help with stopping drug or alcohol use | 227 | 2.7 2.3 - 3.1 | 2.9 2.4 - 3.4 | 2.5 1.9 - 3.2 |
| a long term health condition e.g. Asthma | 310 | 3.7 3.3 - 4.2 | 3.6 3.0 - 4.2 | 3.8 3.2 - 4.4 |
| a condition that does not last very long e.g. a cold | 598 | 7.2 6.4 - 7.9 | 6.4 5.5 - 7.4 | 8.0 7.2 - 8.8 |
| contraception or sexual health | 406 | 4.9 4.2 - 5.5 | 3.8 3.1 - 4.5 | 6.1 5.2 - 7.0 |
| an emotional worry | 752 | 9.0 8.2 - 9.7 | 5.4 4.8 - 6.0 | 13.0 11.9 - 14.1 |
| pregnancy or pregnancy test | 244 | 2.9 2.4 - 3.4 | 1.0 0.7 - 1.2 | 5.1 4.3 - 5.9 |
| something else | 568 | 6.8 6.0 - 7.5 | 5.8 4.9 - 6.7 | 7.9 6.8 - 8.9 |
| I haven't had difficulty getting help | 5,884 | 70.4 68.8 - 72.1 | 72.2 69.9 - 74.6 | 68.4 66.7 - 70.1 |



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 when needed | |
|--------------|-------------|-------------------------|---------------------|---|---------------------|--|---------------------|-------------------------------|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | | | | | | | | | | |
| | | 6,547 | 73.9 72.3 - 75.6 | 2,032 | 22.9 21.8 - 24.0 | 1,250 | 14.1 13.2 - 15.0 | 5,581 | 63.1 61.1 - 65.1 | 860 | 9.7 8.8 - 10.6 |
| By Gender | | | | | | | | | | | |
| | Male | 3,512 | 73.6 71.3 - 76.0 | 1,009 | 21.1 19.8 - 22.4 | 722 | 15.1 13.9 - 16.3 | 2,684 | 56.4 54.0 - 58.9 | 415 | 8.7 7.7 - 9.8 |
| | Female | 3,035 | 74.3 72.6 - 76.0 | 1,023 | 25.0 23.9 - 26.2 | 528 | 12.9 11.8 - 14.1 | 2,897 | 70.9 68.7 - 73.1 | 445 | 10.8 9.6 - 12.0 |
| By Age | | | | | | | | | | | |
| | 13 or less | 1,326 | 73.4 71.1 - 75.8 | 414 | 22.9 20.9 - 24.8 | 314 | 17.4 15.9 - 19.0 | 1,156 | 64.0 61.7 - 66.3 | 161 | 9.0 7.3 - 10.6 |
| | 14 | 1,505 | 73.5 71.5 - 75.5 | 479 | 23.3 21.5 - 25.1 | 317 | 15.4 13.9 - 16.9 | 1,290 | 63.4 60.8 - 66.0 | 181 | 8.7 7.5 - 10.0 |
| | 15 | 1,412 | 73.1 70.2 - 75.9 | 470 | 24.3 22.3 - 26.3 | 280 | 14.5 12.8 - 16.2 | 1,197 | 61.9 59.0 - 64.7 | 184 | 9.5 8.4 - 10.7 |
| | 16 | 1,258 | 74.3 71.4 - 77.3 | 382 | 22.6 20.3 - 24.9 | 197 | 11.7 9.8 - 13.5 | 1,054 | 62.2 58.7 - 65.7 | 166 | 9.7 8.0 - 11.4 |
| | 17 or older | 1,046 | 76.0 73.5 - 78.4 | 287 | 20.8 17.9 - 23.7 | 142 | 10.3 8.6 - 12.0 | 884 | 64.4 61.0 - 67.7 | 168 | 12.3 10.1 - 14.4 |
| By NZDep2006 | | | | | | | | | | | |
| | Low | 2,273 | 71.2 68.8 - 73.5 | 735 | 23.0 21.3 - 24.7 | 407 | 12.8 11.5 - 14.1 | 2,166 | 68.0 65.2 - 70.7 | 240 | 7.5 6.5 - 8.4 |
| | Medium | 2,506 | 74.8 72.6 - 77.0 | 758 | 22.6 21.0 - 24.2 | 459 | 13.6 12.3 - 15.0 | 2,080 | 62.0 59.6 - 64.5 | 307 | 9.2 8.2 - 10.2 |
| | High | 1,697 | 77.0 74.5 - 79.5 | 520 | 23.4 21.6 - 25.3 | 367 | 16.6 15.2 - 18.0 | 1,271 | 57.7 55.3 - 60.1 | 304 | 13.8 12.5 - 15.1 |
| By Geography | | | | | | | | | | | |
| | Urban | 5,390 | 73.3 71.5 - 75.1 | 1,679 | 22.8 21.6 - 24.0 | 1,019 | 13.9 12.9 - 14.8 | 4,654 | 63.4 61.2 - 65.5 | 729 | 9.9 8.9 - 10.8 |
| | Rural | 1,088 | 77.9 75.4 - 80.4 | 334 | 24.0 22.3 - 25.6 | 214 | 15.1 13.2 - 17.1 | 865 | 61.9 58.8 - 65.1 | 122 | 8.8 7.2 - 10.3 |

When was the last time you visited a dentist, dental nurse or other dental health worker?

| | | | Within the past year | More than 1 year but less than 2 years ago | 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 |
|--------------|-------------|-------|----------------------|--|---|------------------------|---|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,947 | 78.7 76.5 - 80.8 | 13.6 12.4 - 14.7 | 4.7 3.8 - 5.5 | 2.4 1.9 - 2.9 | 0.7 0.5 - 0.9 |
| By Gender | Male | 4,328 | 76.6 74.1 - 79.1 | 14.3 12.9 - 15.8 | 5.4 4.4 - 6.4 | 2.8 2.2 - 3.5 | 0.8 0.5 - 1.1 |
| | Female | 3,776 | 81.0 78.6 - 83.5 | 12.7 11.3 - 14.1 | 3.8 2.9 - 4.7 | 1.9 1.4 - 2.5 | 0.5 0.3 - 0.8 |
| By Age | 13 or less | 1,581 | 82.2 79.8 - 84.6 | 12.8 10.9 - 14.6 | 2.1 1.3 - 2.8 | 2.1 1.3 - 2.9 | 0.8 0.4 - 1.3 |
| | 14 | 1,843 | 79.1 76.0 - 82.1 | 14.4 12.1 - 16.7 | 3.9 2.7 - 5.0 | 2.2 1.3 - 3.1 | 0.4 0.0 - 0.8 |
| | 15 | 1,770 | 78.1 75.1 - 81.0 | 12.9 11.2 - 14.6 | 6.2 4.6 - 7.9 | 2.3 1.6 - 3.0 | 0.5 0.2 - 0.9 |
| | 16 | 1,599 | 77.2 74.4 - 80.0 | 13.5 11.7 - 15.3 | 6.4 4.9 - 7.9 | 2.5 1.6 - 3.4 | 0.4 0.1 - 0.7 |
| | 17 or older | 1,311 | 76.5 73.3 - 79.7 | 14.3 12.0 - 16.5 | 4.6 3.4 - 5.8 | 3.3 2.0 - 4.6 | 1.4 0.7 - 2.0 |
| By NZDep2006 | Low | 3,023 | 83.1 80.9 - 85.3 | 11.2 9.9 - 12.6 | 3.6 2.7 - 4.6 | 1.6 1.0 - 2.1 | 0.4 0.2 - 0.7 |
| | Medium | 3,121 | 78.6 76.0 - 81.2 | 13.5 11.9 - 15.0 | 4.9 4.0 - 5.9 | 2.2 1.5 - 2.8 | 0.8 0.5 - 1.2 |
| | High | 1,876 | 71.4 67.9 - 75.0 | 17.5 15.2 - 19.8 | 5.8 4.4 - 7.2 | 4.3 3.3 - 5.4 | 0.9 0.5 - 1.3 |
| By Geography | Urban | 6,702 | 78.0 75.7 - 80.3 | 13.9 12.7 - 15.1 | 4.9 3.9 - 5.8 | 2.5 1.9 - 3.0 | 0.8 0.5 - 1.0 |
| | Rural | 1,320 | 82.1 79.0 - 85.2 | 11.7 9.4 - 14.0 | 3.6 2.7 - 4.5 | 2.3 1.5 - 3.2 | 0.3 0.0 - 0.7 |

Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| In general how would you say your health is... (excellent, very good, good)? | | | | | |
| Total | | 8696 | 92.1 91.5 - 92.8 | 8156 | 91.9 91.1 - 92.7 |
| By Gender | Male | 4096 | 94.3 93.6 - 94.9 | 4477 | 93.7 92.9 - 94.6 |
| | Female | 4600 | 90.3 89.3 - 91.3 | 3679 | 89.8 88.6 - 91.0 |



Emotional Wellbeing

This section describes the emotional and general wellbeing of secondary school students in New Zealand. There are three validated measures used in this section:

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

The Strengths and Difficulties Questionnaire (SDQ)

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

This section also covers self-harm, and suicidal thoughts and behaviours.

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

The WHO-5 has been developed by the World Health Organisation 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 constructs: positive mood (good spirits, relaxation), vitality (being active and waking up fresh and rested), and general interests (being interested in things) (Bech et al., 1996; Bech et al., 2003).

Each of the five items is rated on a 6-point Likert scale from 0 (at no time) to 5 (all of the time) and are summed to get an overall score. The theoretical raw score ranges from 0 to 25 with higher scores indicating better wellbeing. Students were classified with good, very good, and excellent mental or emotional wellbeing based on their WHO-5 score.

The Strengths and Difficulties Questionnaire (SDQ)

The SDQ is a brief emotional and behavioural screening questionnaire designed for use with children and adolescents and includes several versions for parents, teachers and students to fill out. The SDQ has been widely used and validated internationally to screen for child and adolescent psychiatric disorders (Goodman, 2001). The Youth'07 survey uses the self-report SDQ and impact supplement for 11 to 17 year olds and the project received permission to develop and use an electronic version of the questionnaire.

The SDQ is divided into 4 difficulties scales and a pro-social scale. The difficulties or problems scales include emotional symptoms, conduct problems, hyperactivity/inattention, and peer relationship problems. The pro-social scale measures positive social behaviours towards others. There are five questions in each scale with three Likert response options: not true, somewhat true and certainly true. Scales are scored by summing together the items based on the scoring directions from Goodman (Goodman, 1997). Each scale ranges from 0 to 10 with higher scores indicating more difficulties. A total difficulties score is generated by summing the scores from all the scales except the pro-social scale with a possible range from 0 to 40.

Mean scores for each of the scales are shown with cut-off scores for borderline and abnormal mental health symptoms based on the same criteria followed by Goodman (Goodman, 1997). Students whose scores are above the 90th percentile are likely to have an underlying mental health issue and students who score between the 80th and 90th percentiles are borderline. These cut-offs are based on the assumption that approximately 10% of the adolescent population are likely to have a mental health problem.



Reynolds Adolescent Depression Scale – short form (RADs-SF)

The RADs-SF has been developed from the Reynolds Adolescent Depression Scale (RADs) to screen for depression among adolescents. The RADs-SF is a shorter version of the RADs designed to provide a brief measure for the assessment of depression (Reynolds, 2004). The RADs-SF contains 10 items with 4 Likert response options: almost never, hardly ever, sometimes, most of the time. The RADs-SF is scored in a similar way to the RADs with some questions being reverse scored. We have assessed use of RADs-SF using data from the first Youth2000 survey which showed the RADs-SF has acceptable reliability and validity and has similar psychometric properties to the RADs (Milfont et al., 2008). A cut-off value of 28 was selected to classify students with significant depressive symptoms, rather than the suggested cut-off level of 26. This is based on the analysis of Youth2000 data which showed a level of 28 best matched the cut-off level of the RADs and gave closer agreement in the percentage classified with significant levels of depressive symptoms (W.M. Reynolds, written communication, 14th August 2007; Milfont et al., 2008).

The Reynolds Adolescent Depression Scale and RADs-SF are under copyright (Psychological Assessment Resources, Inc., Florida 2002). The Youth'07 survey received permission to translate the RADs-SF into te reo Māori and to develop an electronic version of the questionnaire.

Self-harm, suicidal thoughts and behaviours

This section asks students questions on self-harm and suicidal behaviours and the severity of these behaviours. Questions are developed from the first Youth2000 survey and international questionnaires on self-harm and suicidality.



Emotional Wellbeing

In general, how have you been feeling?

| | | | In a good mood | My moods go up and down | In a bad mood |
|--------------|-------------|-------|---------------------|-------------------------|------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | |
| Total | | 8,947 | 54.0 52.1 - 55.9 | 42.8 41.0 - 44.6 | 3.2 2.8 - 3.6 |
| | | | | | |
| By Gender | Male | 4,757 | 64.6 62.9 - 66.3 | 32.7 31.0 - 34.5 | 2.7 2.2 - 3.2 |
| | Female | 4,086 | 41.6 39.9 - 43.2 | 54.6 53.0 - 56.2 | 3.8 3.3 - 4.3 |
| | | | | | |
| By Age | 13 or less | 1,802 | 58.2 55.6 - 60.7 | 39.0 36.6 - 41.5 | 2.8 2.0 - 3.5 |
| | 14 | 2,039 | 55.4 52.5 - 58.2 | 41.3 38.6 - 44.1 | 3.3 2.4 - 4.1 |
| | 15 | 1,932 | 53.4 50.5 - 56.3 | 42.4 39.6 - 45.2 | 4.2 3.4 - 5.0 |
| | 16 | 1,694 | 49.9 47.2 - 52.7 | 47.1 44.5 - 49.8 | 2.9 1.9 - 3.9 |
| | 17 or older | 1,376 | 52.3 48.8 - 55.8 | 45.0 41.7 - 48.4 | 2.7 1.7 - 3.6 |
| | | | | | |
| By NZDep2006 | Low | 3,189 | 54.2 51.8 - 56.6 | 42.7 40.3 - 45.0 | 3.1 2.5 - 3.8 |
| | Medium | 3,350 | 53.5 50.8 - 56.1 | 43.2 40.7 - 45.8 | 3.3 2.8 - 3.8 |
| | High | 2,202 | 54.3 51.3 - 57.4 | 42.5 39.8 - 45.3 | 3.2 2.4 - 3.9 |
| | | | | | |
| By Geography | Urban | 7,344 | 53.4 51.4 - 55.4 | 43.3 41.4 - 45.2 | 3.3 2.8 - 3.7 |
| | Rural | 1,399 | 56.6 53.5 - 59.7 | 40.5 37.5 - 43.5 | 2.9 2.1 - 3.7 |



Are you happy or satisfied with your life?

| | | | Very happy/ satisfied | It's ok | Not very happy or satisfied | Not at all happy or satisfied |
|-----------------|-------------|-------|--------------------------|---------------------|--------------------------------|----------------------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 8,947 | 45.5 43.9 - 47.1 | 46.2 44.8 - 47.6 | 6.6 6.1 - 7.2 | 1.7 1.4 - 2.0 |
| By Gender | Male | 4,753 | 51.6 49.3 - 53.8 | 42.1 40.1 - 44.2 | 4.9 4.3 - 5.5 | 1.5 1.0 - 1.9 |
| | Female | 4,086 | 38.4 36.8 - 39.9 | 51.0 49.2 - 52.7 | 8.7 7.7 - 9.7 | 1.9 1.5 - 2.4 |
| By Age | 13 or less | 1,803 | 50.7 48.0 - 53.5 | 43.2 40.7 - 45.7 | 4.6 3.8 - 5.5 | 1.4 0.8 - 2.0 |
| | 14 | 2,036 | 47.4 44.5 - 50.3 | 43.6 41.2 - 46.0 | 7.2 5.9 - 8.4 | 1.9 1.2 - 2.5 |
| | 15 | 1,930 | 42.2 39.6 - 44.8 | 48.0 45.5 - 50.6 | 7.7 6.6 - 8.9 | 2.0 1.4 - 2.7 |
| | 16 | 1,693 | 42.1 39.2 - 45.0 | 49.9 47.1 - 52.8 | 6.4 5.1 - 7.7 | 1.6 0.9 - 2.3 |
| | 17 or older | 1,377 | 44.7 41.9 - 47.5 | 46.7 44.1 - 49.4 | 7.3 6.0 - 8.5 | 1.3 0.8 - 1.8 |
| By NZDep2006 | Low | 3,189 | 47.9 45.8 - 49.9 | 44.6 42.5 - 46.7 | 6.4 5.5 - 7.4 | 1.1 0.8 - 1.4 |
| | Medium | 3,349 | 43.8 41.7 - 46.0 | 47.6 45.7 - 49.5 | 6.9 6.0 - 7.7 | 1.7 1.2 - 2.2 |
| | High | 2,200 | 44.8 41.8 - 47.9 | 46.1 43.3 - 48.8 | 6.8 5.6 - 8.0 | 2.3 1.6 - 3.1 |
| By Geography | Urban | 7,342 | 45.2 43.6 - 46.9 | 46.1 44.7 - 47.6 | 6.9 6.3 - 7.5 | 1.8 1.5 - 2.1 |
| | Rural | 1,398 | 47.4 44.3 - 50.5 | 45.9 42.9 - 48.9 | 5.6 4.2 - 7.0 | 1.1 0.4 - 1.8 |

WHO – 5 Wellbeing Scale

| | | n | Mental and Emotional Wellbeing* | | |
|---------------------|-------------|-------|---------------------------------|---------------------|---------------------|
| | | | Good | Very Good | Excellent |
| | | | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | |
| Total | | 6,804 | 28.7 27.3 - 30.0 | 31.3 30.1 - 32.5 | 18.6 17.1 - 20.0 |
| | | | | | |
| By Gender | Male | 3,917 | 27.7 25.8 - 29.6 | 33.9 32.4 - 35.3 | 22.6 20.4 - 24.8 |
| | Female | 2,887 | 29.7 28.0 - 31.5 | 28.3 26.8 - 29.8 | 13.9 12.4 - 15.4 |
| | | | | | |
| By Age | 13 or less | 1,495 | 24.6 22.5 - 26.7 | 35.6 33.1 - 38.1 | 24.7 22.2 - 27.2 |
| | 14 | 1,564 | 27.2 24.8 - 29.5 | 30.2 28.3 - 32.1 | 21.7 19.7 - 23.7 |
| | 15 | 1,437 | 30.0 27.6 - 32.3 | 29.2 27.2 - 31.1 | 16.7 14.7 - 18.7 |
| | 16 | 1,272 | 30.7 28.5 - 33.0 | 30.6 28.2 - 33.0 | 15.1 13.1 - 17.0 |
| | 17 or older | 1,036 | 31.6 29.1 - 34.2 | 31.0 28.0 - 34.0 | 13.2 11.2 - 15.2 |
| | | | | | |
| By NZDep2006 | Low | 2,509 | 30.7 29.1 - 32.2 | 33.8 31.9 - 35.7 | 15.1 13.7 - 16.5 |
| | Medium | 2,558 | 30.0 28.4 - 31.7 | 30.0 28.2 - 31.7 | 18.0 16.5 - 19.5 |
| | High | 1,664 | 23.6 21.6 - 25.6 | 29.5 27.5 - 31.5 | 24.5 21.8 - 27.3 |
| | | | | | |
| By Geography | Urban | 5,625 | 28.6 27.1 - 30.1 | 30.8 29.5 - 32.0 | 18.8 17.1 - 20.4 |
| | Rural | 1,106 | 29.1 26.9 - 31.3 | 33.8 31.1 - 36.5 | 17.5 15.2 - 19.9 |

*WHO-5 scores: good (>13-17) very good (>17-21) excellent (>21 - 25)

Strengths and Difficulties Questionnaire

Mean scores

| | Emotional symptoms | | | Hyperactivity | | | Conduct problems | | | Peer problems | | | Total difficulties | | | Prosocial | | | |
|-----------|--------------------|-------------------|-------------------|---------------|-------------------|-------------------|------------------|-------------------|-------------------|---------------|-------------------|-------------------|--------------------|-------------------|----------------------|-----------|-------------------|-------------------|---------|
| | n | median 95% CI | 80%ile 90%ile | n | mean 95% CI | 80%ile 90%ile | n | mean 95% CI | 80%ile 90%ile | n | mean 95% CI | 80%ile 90%ile | n | mean 95% CI | 80%ile 90%ile | n | mean 95% CI | 20%ile 10%ile | |
| | | | | | | | | | | | | | | | | | | | |
| Total | 8,758 | 1.99 1.95-2.55 | 4 >6 | 8,757 | 3.82 3.80-3.84 | 5 >6 | 8,738 | 1.81 1.78-1.83 | 4 >4 | 8,749 | 1.69 1.67-1.71 | 3 >4 | 8,725 | 9.93 9.87-9.99 | 15 >18 | 8,766 | 6.91 6.87-6.95 | 5 <4 | |
| | | | | | | | | | | | | | | | | | | | |
| By Gender | Male | 4,702 | 1.79 1.77-1.82 | 4 >5 | 4,687 | 3.82 3.79-3.85 | 5 >6 | 4,700 | 1.84 1.80-1.88 | 4 >4 | 4,695 | 1.72 1.69-1.74 | 3 >4 | 4,678 | 9.80 9.68-9.88 | 15 >17 | 4,705 | 6.72 6.69-6.75 | 4 <4 |
| | Female | 4,056 | 2.90 2.85-2.95 | 5 >7 | 4,051 | 3.83 3.81-3.85 | 5 >6 | 4,057 | 1.77 1.74-1.80 | 4 >4 | 4,054 | 1.16 0.93-1.69 | 3 >4 | 4,047 | 10.66 10.54-10.77 | 16 >19 | 4,061 | 7.65 7.61-7.69 | 6 <5 |
| | | | | | | | | | | | | | | | | | | | |
| By Age | 13 or less | 1,795 | 1.89 1.83-1.94 | 4 >5 | 1,789 | 3.78 3.53-3.82 | 5 >6 | 1,795 | 1.83 1.79-1.87 | 4 >4 | 1,792 | 1.71 1.67-1.75 | 3 >4 | 1,787 | 9.89 9.79-9.99 | 15 >18 | 1,795 | 6.81 6.76-6.85 | 5 <4 |
| | 14 | 2,004 | 2.00 1.94-2.59 | 4 >6 | 1,999 | 3.85 3.82-3.89 | 5 >6 | 2,004 | 1.87 1.83-1.91 | 4 >5 | 2,002 | 1.73 1.69-1.76 | 3 >4 | 1,992 | 10.51 10.28-10.70 | 16 >19 | 2,007 | 6.85 6.80-6.91 | 5 <4 |
| | 15 | 1,910 | 2.54 1.97-2.63 | 4 >6 | 1,906 | 3.85 3.82-3.88 | 5 >6 | 1,910 | 1.62 1.54-1.70 | 4 >4 | 1,908 | 1.71 1.67-1.74 | 3 >4 | 1,903 | 9.96 9.74-10.46 | 16 >18 | 1,911 | 6.88 6.82-6.94 | 5 <4 |
| | 16 | 1,678 | 2.55 1.98-2.65 | 4 >6 | 1,674 | 3.83 3.79-3.87 | 5 >6 | 1,677 | 1.77 1.73-1.82 | 3 >4 | 1,677 | 1.31 0.90-1.71 | 3 >4 | 1,673 | 9.66 9.21-10.11 | 15 >18 | 1,682 | 6.98 6.91-7.54 | 5 <4 |
| | 17 or older | 1,371 | 2.52 1.95-2.67 | 4 >6 | 1,370 | 3.80 3.77-3.83 | 5 >6 | 1,371 | 1.70 1.00-1.74 | 3 >4 | 1,370 | 0.96 0.86-1.68 | 3 >4 | 1,370 | 9.66 9.42-9.86 | 14 >17 | 1,371 | 7.20 7.03-7.36 | 5 <4 |

Note: Reverse scoring for the Prosocial scale (higher is better)

Depression and Self-harm

| | | Significant depressive symptoms | | Depressed for 2 weeks in a row in past 12 months | | Deliberate self-harm in the last 12 months* | | Deliberate self-harm requiring treatment by doctor or nurse in the last 12 months | |
|--------------|-------------|---------------------------------|---------------------|--|---------------------|---|---------------------|---|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 910 | 10.6 9.7 - 11.4 | 2,368 | 27.0 25.3 - 28.6 | 1,785 | 20.3 18.9 - 21.8 | 251 | 2.9 2.4 - 3.3 |
| By Gender | Male | 319 | 6.9 6.3 - 7.6 | 938 | 20.0 18.5 - 21.4 | 725 | 15.5 14.1 - 16.8 | 120 | 2.6 2.1 - 3.1 |
| | Female | 591 | 14.7 13.7 - 15.8 | 1,430 | 35.1 33.6 - 36.6 | 1,060 | 26.0 24.4 - 27.6 | 131 | 3.2 2.5 - 3.8 |
| By Age | 13 or less | 155 | 8.8 7.5 - 10.1 | 394 | 22.0 19.8 - 24.1 | 298 | 16.7 14.8 - 18.6 | 54 | 3.1 2.2 - 3.9 |
| | 14 | 234 | 11.9 10.1 - 13.6 | 536 | 26.5 23.8 - 29.2 | 464 | 23.1 20.8 - 25.4 | 56 | 2.7 2.0 - 3.4 |
| | 15 | 226 | 12.0 10.6 - 13.4 | 579 | 30.2 27.8 - 32.6 | 463 | 24.1 21.7 - 26.5 | 64 | 3.4 2.5 - 4.2 |
| | 16 | 170 | 10.2 8.7 - 11.6 | 484 | 28.8 25.8 - 31.8 | 354 | 21.1 18.9 - 23.3 | 46 | 2.8 1.8 - 3.7 |
| | 17 or older | 125 | 9.3 7.5 - 11.1 | 375 | 27.3 24.4 - 30.2 | 206 | 14.9 12.8 - 17.0 | 31 | 2.2 1.4 - 3.0 |
| By NZDep2006 | Low | 290 | 9.2 7.8 - 10.5 | 822 | 25.9 23.6 - 28.2 | 584 | 18.3 16.5 - 20.2 | 75 | 2.4 1.8 - 2.9 |
| | Medium | 353 | 10.7 9.6 - 11.9 | 907 | 27.2 25.0 - 29.3 | 703 | 21.1 19.4 - 22.9 | 83 | 2.5 1.9 - 3.0 |
| | High | 256 | 12.2 10.6 - 13.8 | 616 | 28.3 26.3 - 30.4 | 483 | 22.3 20.4 - 24.1 | 90 | 4.2 3.2 - 5.1 |
| By Geography | Urban | 777 | 10.8 9.9 - 11.8 | 1,993 | 27.3 25.5 - 29.1 | 1,510 | 20.7 19.1 - 22.3 | 214 | 2.9 2.4 - 3.4 |
| | Rural | 122 | 8.8 7.2 - 10.5 | 352 | 25.4 23.3 - 27.5 | 260 | 18.7 16.6 - 20.8 | 34 | 2.5 1.7 - 3.3 |

*Includes self-harm that may have killed student



Suicidal Thoughts and Attempts

| | | Serious thoughts of suicide in past 12 months | | Suicide plan in past 12 months | | Attempted suicide in last 12 months | | Attempted suicide requiring treatment by doctor or nurse in the last 12 months | |
|--------------|-------------|---|---------------------|--------------------------------|---------------------|-------------------------------------|------------------|--|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 1,231 | 14.0 13.0 - 15.1 | 757 | 8.6 7.8 - 9.4 | 413 | 4.7 4.1 - 5.3 | 114 | 1.3 1.0 - 1.5 |
| By Gender | Male | 436 | 9.4 8.6 - 10.2 | 286 | 6.1 5.4 - 6.8 | 138 | 2.9 2.4 - 3.5 | 47 | 1.0 0.7 - 1.3 |
| | Female | 795 | 19.4 18.0 - 20.9 | 471 | 11.5 10.4 - 12.7 | 275 | 6.7 5.9 - 7.5 | 67 | 1.6 1.2 - 2.0 |
| By Age | 13 or less | 194 | 10.8 9.3 - 12.3 | 123 | 6.9 5.8 - 7.9 | 82 | 4.5 3.5 - 5.5 | 25 | 1.4 0.9 - 1.9 |
| | 14 | 295 | 14.6 12.7 - 16.5 | 193 | 9.6 8.0 - 11.1 | 108 | 5.3 4.2 - 6.5 | 24 | 1.1 0.7 - 1.6 |
| | 15 | 318 | 16.6 14.8 - 18.4 | 200 | 10.4 9.0 - 11.8 | 111 | 5.8 4.7 - 6.9 | 25 | 1.3 0.8 - 1.8 |
| | 16 | 256 | 15.3 13.6 - 16.9 | 146 | 8.7 7.1 - 10.3 | 69 | 4.1 3.1 - 5.1 | 22 | 1.3 0.7 - 1.9 |
| | 17 or older | 168 | 12.2 10.2 - 14.3 | 95 | 6.9 5.4 - 8.4 | 43 | 3.1 2.2 - 4.1 | 18 | 1.3 0.7 - 1.9 |
| By NZDep2006 | Low | 403 | 12.6 11.4 - 13.8 | 227 | 7.1 5.9 - 8.3 | 111 | 3.4 2.8 - 4.1 | 37 | 1.1 0.7 - 1.5 |
| | Medium | 460 | 13.8 12.5 - 15.1 | 286 | 8.6 7.7 - 9.4 | 158 | 4.7 4.0 - 5.5 | 34 | 1.0 0.6 - 1.3 |
| | High | 351 | 16.3 14.2 - 18.4 | 232 | 10.7 9.3 - 12.1 | 137 | 6.4 5.2 - 7.5 | 40 | 1.9 1.4 - 2.4 |
| By Geography | Urban | 1,053 | 14.4 13.3 - 15.6 | 650 | 8.9 8.0 - 9.8 | 355 | 4.8 4.2 - 5.5 | 96 | 1.3 1.0 - 1.6 |
| | Rural | 161 | 11.5 9.6 - 13.5 | 95 | 6.9 5.6 - 8.2 | 51 | 3.7 2.6 - 4.7 | 15 | 1.1 0.6 - 1.6 |

Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Are you happy or satisfied with your life...(very happy/ satisfied or its ok)? | | | | | |
| Total | | 8117 | 86.1 85.0 - 87.1 | 8100 | 91.7 91.1 - 92.3 |
| By Gender | Male | 3896 | 89.9 88.6 - 91.1 | 4452 | 93.7 93.0 - 94.4 |
| | Female | 4221 | 82.8 81.5 - 84.1 | 3648 | 89.4 88.4 - 90.4 |
| Significant depressive symptoms | | | | | |
| Total | | 1139 | 12.4 11.5 - 13.3 | 910 | 10.6 9.7 - 11.4 |
| By Gender | Male | 382 | 9.1 8.1 - 10.1 | 319 | 6.9 6.2 - 7.6 |
| | Female | 757 | 15.3 14.1 - 16.4 | 591 | 14.7 13.7 - 15.8 |
| During the last 12 months have you seriously thought about killing yourself (attempting suicide)*? | | | | | |
| Total | | 2204 | 23.5 22.2 - 24.8 | 1231 | 14.0 13.0 - 15.0 |
| By Gender | Male | 726 | 16.9 15.5 - 18.2 | 436 | 9.4 8.6 - 10.2 |
| | Female | 1478 | 29.2 27.7 - 30.7 | 795 | 19.4 17.9 - 21.0 |
| During the last 12 months have you tried to kill yourself? | | | | | |
| Total | | 739 | 7.8 7.0 - 8.7 | 413 | 4.7 4.1 - 5.3 |
| By Gender | Male | 203 | 4.7 3.9 - 5.6 | 138 | 2.9 2.3 - 3.6 |
| | Female | 536 | 10.5 9.3 - 11.8 | 275 | 6.7 5.9 - 7.6 |

*The 2001 question was "In the last 12 months have you thought about killing yourself (attempting suicide)?"



Substance Use

Use of cigarettes, alcohol and other drugs are associated with the leading causes of morbidity and mortality in New Zealand (Ministry of Health, 2000). Adolescence is a period of life when young people start experimenting with drug and alcohol use and this can have lasting consequences on their health and wellbeing. Most adult smokers start smoking and become addicted to cigarettes during their teen years (U.S. Department of Health and Human Services, 1994). Similarly, patterns of alcohol consumption and use of other drugs initiated during adolescence can continue into adulthood and have important personal and public health consequences.

This sections reports on the use of cigarettes, alcohol, and marijuana by young people in New Zealand. Use of other drugs, such as methamphetamines, ecstasy or party pills etc, is reported in less detail as the prevalence of the use of these other substances is much less among the secondary school students. This section includes frequency of use and context of use (i.e. alone or with friends). Access to alcohol and cigarettes, and patterns of problem use of alcohol and marijuana are also reported.



Attitudes towards substance use

| | Substances that students think it okay to use regularly | | Substances that student's friends use | | Substances that student's parents use | |
|--|---|---------------------|---------------------------------------|---------------------|---------------------------------------|---------------------|
| | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| cigarettes, tobacco | 1,509 | 17.6 16.5 - 18.8 | 4,157 | 48.8 45.9 - 51.7 | 2,574 | 30.1 27.3 - 32.9 |
| alcohol (eg beer, wine, spirits, etc) | 3,015 | 35.4 33.5 - 37.3 | 5,492 | 64.5 61.9 - 67.2 | 5,357 | 62.9 60.4 - 65.4 |
| marijuana (eg weed, pot, hash, grass, etc) | 943 | 11.1 10.2 - 12.0 | 3,117 | 36.6 34.2 - 39.1 | 560 | 6.5 5.5 - 7.6 |
| other drugs that often cause a high or trip (eg acid, 'P', speed, ecstasy, homebake, etc) | 1,005 | 11.8 10.8 - 12.8 | 2,196 | 25.8 23.9 - 27.8 | 94 | 1.1 0.8 - 1.4 |
| None of these | 260 | 3.1 2.7 - 3.4 | 903 | 10.6 9.7 - 11.5 | 87 | 1.0 0.7 - 1.3 |



Cigarette Use

Cigarette use

| | | Ever smoked a whole cigarette | | Current cigarette use* | | Weekly or more often cigarette use | |
|--------------|-------------|-------------------------------|---------------------|------------------------|---------------------|------------------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2637 | 31.8 29.8 - 33.7 | 1409 | 16.9 15.6 - 18.3 | 647 | 7.8 6.9 - 8.6 |
| By Gender | Male | 1291 | 29.5 27.8 - 31.2 | 624 | 14.3 0.6 - 13.1 | 273 | 6.2 5.4 - 7.1 |
| | Female | 1346 | 34.3 31.3 - 37.4 | 785 | 19.9 1.1 - 17.8 | 374 | 9.5 8.0 - 10.9 |
| By Age | 13 or less | 338 | 20.2 17.4 - 22.9 | 166 | 9.8 1.0 - 7.9 | 75 | 4.4 3.2 - 5.6 |
| | 14 | 559 | 29.4 26.6 - 32.1 | 304 | 16.0 1.1 - 13.8 | 127 | 6.6 5.2 - 8.1 |
| | 15 | 626 | 34.5 31.4 - 37.6 | 371 | 20.3 1.3 - 17.8 | 159 | 8.7 7.0 - 10.4 |
| | 16 | 617 | 38.5 35.6 - 41.4 | 322 | 20.1 1.0 - 18.1 | 160 | 10.0 8.6 - 11.5 |
| | 17 or older | 497 | 37.7 34.5 - 41.0 | 246 | 18.6 1.4 - 15.9 | 126 | 9.5 7.9 - 11.1 |
| By NZDep2006 | Low | 830 | 27.3 25.4 - 29.2 | 438 | 14.4 0.7 - 13.0 | 160 | 5.2 4.3 - 6.2 |
| | Medium | 981 | 31.0 28.3 - 33.6 | 508 | 16.0 0.9 - 14.2 | 236 | 7.4 6.3 - 8.5 |
| | High | 800 | 39.7 36.5 - 43.0 | 449 | 22.2 1.3 - 19.6 | 243 | 12.1 10.2 - 13.9 |
| By Geography | Urban | 2176 | 31.5 29.3 - 33.7 | 1162 | 16.8 0.7 - 15.3 | 539 | 7.8 6.8 - 8.7 |
| | Rural | 435 | 32.6 30.1 - 35.2 | 233 | 17.4 1.2 - 14.9 | 100 | 7.5 6.0 - 9.0 |

*Occasionally, once or twice a month, or more often

Cigarette access and quit attempts (among students who CURRENTLY smoke)

| | | Students who buy their own cigarettes | | I get someone else to buy them for me | | Not asked to show ID when buying cigarettes* | | Students who have tried to cut down or give up smoking | |
|---------------------|-------------|---------------------------------------|---------------------|---------------------------------------|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 509 | 36.5 33.6 - 39.5 | 413 | 29.4 26.6 - 32.3 | 298 | 59.8 54.8 - 64.9 | 832 | 59.6 55.9 - 63.3 |
| By Gender | Male | 253 | 40.9 36.6 - 45.2 | 160 | 25.8 21.1 - 30.5 | 141 | 56.8 49.0 - 64.6 | 327 | 53.0 48.4 - 57.5 |
| | Female | 257 | 33.0 29.7 - 36.2 | 253 | 32.2 28.4 - 36.1 | 157 | 62.9 58.3 - 67.4 | 505 | 64.9 60.5 - 69.4 |
| By Age | 13 or less | 39 | 23.0 16.5 - 29.4 | 49 | 28.8 21.9 - 35.6 | 24 | 65.3 46.3 - 84.2 | 107 | 65.0 56.3 - 73.7 |
| | 14 | 69 | 23.0 17.9 - 28.1 | 99 | 32.9 27.4 - 38.3 | 43 | 66.8 52.7 - 80.9 | 180 | 59.7 53.3 - 66.0 |
| | 15 | 113 | 30.8 26.2 - 35.3 | 115 | 31.2 25.6 - 36.8 | 63 | 57.4 49.1 - 65.8 | 206 | 56.0 50.3 - 61.8 |
| | 16 | 153 | 48.1 41.7 - 54.6 | 89 | 27.9 22.9 - 33.0 | 91 | 60.3 52.4 - 68.2 | 191 | 60.2 53.7 - 66.6 |
| | 17 or older | 136 | 55.6 48.2 - 63.0 | 61 | 24.6 19.6 - 29.6 | 77 | 56.6 47.0 - 66.2 | 148 | 60.4 53.9 - 66.8 |
| By NZDep2006 | Low | 161 | 37.0 31.7 - 42.2 | 119 | 27.2 21.8 - 32.5 | 98 | 61.5 53.4 - 69.7 | 216 | 49.3 45.1 - 53.5 |
| | Medium | 178 | 35.4 31.0 - 39.8 | 140 | 27.5 23.4 - 31.7 | 101 | 58.9 50.2 - 67.7 | 310 | 61.9 56.8 - 67.1 |
| | High | 164 | 36.9 32.7 - 41.0 | 150 | 33.6 29.8 - 37.3 | 98 | 61.1 53.4 - 68.9 | 301 | 67.7 62.2 - 73.3 |
| By Geography | Urban | 422 | 36.6 33.3 - 39.9 | 329 | 28.3 25.2 - 31.3 | 252 | 60.8 55.0 - 66.6 | 705 | 61.2 57.2 - 65.2 |
| | Rural | 81 | 35.1 29.2 - 40.9 | 80 | 34.8 29.6 - 40.0 | 45 | 58.7 48.1 - 69.4 | 122 | 52.7 46.8 - 58.6 |

*Almost never or hardly ever among students who buy their own cigarettes



Alcohol Use

Alcohol use

| | | Ever drunk alcohol | | Currently drinks alcohol | |
|--------------|-------------|--------------------|---------------------|--------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Total | | 5938 | 71.6 68.4 - 74.9 | 5,018 | 60.6 57.2 - 64.0 |
| By Gender | Male | 3187 | 72.3 68.8 - 75.7 | 2,674 | 60.8 57.1 - 64.5 |
| | Female | 2751 | 70.9 66.9 - 74.9 | 2,344 | 60.3 56.2 - 64.4 |
| By Age | 13 or less | 847 | 50.8 47.2 - 54.5 | 626 | 37.5 33.9 - 41.1 |
| | 14 | 1261 | 66.3 61.9 - 70.6 | 1,014 | 53.6 49.6 - 57.5 |
| | 15 | 1370 | 75.8 71.8 - 79.8 | 1,195 | 66.2 61.8 - 70.6 |
| | 16 | 1327 | 83.2 79.8 - 86.5 | 1,177 | 73.5 69.4 - 77.7 |
| | 17 or older | 1133 | 85.5 81.4 - 89.6 | 1,006 | 75.9 71.0 - 80.9 |
| By NZDep2006 | Low | 2202 | 72.3 69.7 - 74.9 | 1,908 | 62.6 59.6 - 65.7 |
| | Medium | 2279 | 71.7 67.4 - 75.9 | 1,947 | 61.3 57.1 - 65.5 |
| | High | 1409 | 70.4 65.2 - 75.6 | 1,120 | 56.2 50.6 - 61.7 |
| By Geography | Urban | 4825 | 70.0 66.4 - 73.6 | 4,038 | 58.6 54.9 - 62.3 |
| | Rural | 1066 | 79.9 77.7 - 82.1 | 938 | 70.5 68.1 - 72.9 |



Frequency of alcohol consumption in the last 4 weeks (among students who CURRENTLY drink alcohol)

| | | n | Not in the last 4 weeks | Once in the last 4 weeks | Two or three times in the last 4 weeks | About once a week | Several times a week or more often |
|---------------------|-------------|-------|-------------------------|--------------------------|--|---------------------|------------------------------------|
| | | | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 5,018 | 23.5 21.9 - 25.2 | 20.6 19.4 - 21.8 | 26.4 25.1 - 27.7 | 20.0 18.8 - 21.2 | 9.5 8.2 - 10.7 |
| By Gender | Male | 2,674 | 21.8 19.6 - 24.0 | 20.2 18.4 - 22.0 | 26.0 24.3 - 27.8 | 20.6 19.0 - 22.3 | 11.3 9.5 - 13.1 |
| | Female | 2,344 | 25.5 23.5 - 27.5 | 21.1 19.6 - 22.6 | 26.8 24.8 - 28.7 | 19.3 17.7 - 20.8 | 7.4 6.2 - 8.5 |
| By Age | 13 or less | 626 | 35.7 30.8 - 40.7 | 23.4 20.3 - 26.6 | 20.4 16.8 - 24.0 | 13.8 11.0 - 16.5 | 6.7 4.4 - 9.0 |
| | 14 | 1,014 | 30.6 27.7 - 33.5 | 23.8 20.9 - 26.7 | 23.5 20.9 - 26.1 | 14.8 12.3 - 17.2 | 7.3 5.7 - 9.0 |
| | 15 | 1,195 | 25.4 22.2 - 28.7 | 20.3 17.8 - 22.7 | 25.3 22.5 - 28.1 | 18.9 16.5 - 21.3 | 10.1 8.1 - 12.1 |
| | 16 | 1,177 | 17.2 14.8 - 19.6 | 19.6 17.3 - 22.0 | 29.0 26.2 - 31.7 | 23.4 20.9 - 25.8 | 10.8 8.6 - 13.0 |
| | 17 or older | 1,006 | 14.2 11.9 - 16.4 | 17.3 14.8 - 19.8 | 31.2 28.2 - 34.1 | 26.4 23.4 - 29.5 | 11.0 8.6 - 13.4 |
| By NZDep2006 | Low | 1,908 | 23.8 21.1 - 26.5 | 21.2 19.2 - 23.3 | 26.0 24.3 - 27.7 | 20.5 18.6 - 22.5 | 8.4 6.9 - 10.0 |
| | Medium | 1,947 | 22.5 20.6 - 24.3 | 21.1 19.2 - 23.0 | 26.8 24.7 - 28.9 | 19.5 17.9 - 21.0 | 10.1 8.4 - 11.9 |
| | High | 1,120 | 25.1 22.3 - 27.9 | 18.7 16.6 - 20.7 | 26.2 23.4 - 29.1 | 19.8 17.3 - 22.2 | 10.2 8.3 - 12.1 |
| By Geography | Urban | 4,038 | 24.1 22.3 - 26.0 | 20.2 19.0 - 21.4 | 26.2 24.7 - 27.7 | 19.8 18.4 - 21.1 | 9.7 8.4 - 11.0 |
| | Rural | 938 | 21.1 18.4 - 23.8 | 22.6 19.4 - 25.8 | 27.0 24.2 - 29.8 | 20.8 18.0 - 23.5 | 8.5 6.3 - 10.7 |



Amount of alcohol consumed in a usual session (among students who CURRENTLY drink alcohol)

| | | | 1 drink | 2 drinks | 3 to 4 drinks | 5 to 9 drinks | 10 or more drinks |
|--------------|-------------|-------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 4,973 | 16.5 15.1 - 17.9 | 14.4 13.3 - 15.5 | 23.0 21.6 - 24.4 | 28.5 26.9 - 30.0 | 17.6 15.8 - 19.4 |
| By Gender | Male | 2,654 | 18.3 16.3 - 20.4 | 12.5 11.2 - 13.9 | 18.2 16.7 - 19.8 | 28.6 26.5 - 30.8 | 22.3 20.2 - 24.3 |
| | Female | 2,319 | 14.5 13.0 - 15.9 | 16.6 14.9 - 18.2 | 28.4 26.6 - 30.3 | 28.3 26.1 - 30.4 | 12.3 10.3 - 14.2 |
| By Age | 13 or less | 613 | 37.0 32.6 - 41.4 | 21.2 17.9 - 24.5 | 18.9 15.9 - 21.8 | 11.4 8.6 - 14.2 | 11.5 8.8 - 14.3 |
| | 14 | 1,002 | 24.3 21.4 - 27.2 | 19.1 16.3 - 21.8 | 21.4 18.9 - 24.0 | 21.8 19.3 - 24.2 | 13.4 10.8 - 16.0 |
| | 15 | 1,185 | 14.3 11.9 - 16.6 | 14.5 12.3 - 16.7 | 22.6 19.9 - 25.3 | 28.9 25.9 - 32.0 | 19.8 17.0 - 22.5 |
| | 16 | 1,170 | 8.8 7.0 - 10.6 | 11.0 9.1 - 12.8 | 24.6 21.5 - 27.7 | 34.7 32.0 - 37.3 | 21.0 17.7 - 24.2 |
| | 17 or older | 1,003 | 8.1 6.2 - 10.0 | 9.7 7.6 - 11.7 | 25.6 22.7 - 28.6 | 37.6 33.6 - 41.7 | 19.0 16.0 - 22.1 |
| By NZDep2006 | Low | 1,894 | 18.5 16.3 - 20.6 | 15.8 13.9 - 17.8 | 25.2 23.2 - 27.3 | 27.1 24.7 - 29.5 | 13.4 11.3 - 15.4 |
| | Medium | 1,928 | 16.3 14.3 - 18.4 | 15.0 13.4 - 16.6 | 22.2 19.9 - 24.5 | 29.2 27.0 - 31.4 | 17.4 15.3 - 19.4 |
| | High | 1,109 | 13.5 11.4 - 15.6 | 11.1 9.1 - 13.1 | 20.5 18.1 - 23.0 | 29.6 27.1 - 32.0 | 25.3 22.4 - 28.3 |
| By Geography | Urban | 4,001 | 16.8 15.1 - 18.5 | 14.8 13.7 - 15.9 | 22.7 21.2 - 24.2 | 28.3 26.6 - 30.0 | 17.4 15.5 - 19.3 |
| | Rural | 931 | 15.3 12.9 - 17.7 | 13.0 10.3 - 15.8 | 24.1 21.1 - 27.0 | 29.1 26.1 - 32.2 | 18.4 15.6 - 21.3 |

Type of alcohol usually consumed (among students who CURRENTLY drink alcohol)

| | | | Beer | Ready-made alcoholic drink e.g. rum & coke | Spirits | Wine/ other |
|--------------|-------------|-------|---------------------|--|---------------------|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| Total | | 4,994 | 35.2 31.3 - 39.0 | 34.0 31.1 - 36.9 | 17.7 16.5 - 18.8 | 13.2 11.7 - 14.7 |
| By Gender | Male | 2,662 | 55.3 52.4 - 58.2 | 22.3 20.0 - 24.6 | 14.5 13.2 - 15.7 | 8.0 6.6 - 9.3 |
| | Female | 2,332 | 12.0 10.5 - 13.5 | 47.5 44.9 - 50.0 | 21.3 19.6 - 23.1 | 19.2 17.2 - 21.1 |
| By Age | 13 or less | 619 | 44.4 39.3 - 49.5 | 22.0 18.1 - 25.9 | 14.8 12.0 - 17.7 | 18.8 15.0 - 22.6 |
| | 14 | 1,007 | 36.5 32.1 - 40.9 | 30.2 26.5 - 33.8 | 19.1 16.7 - 21.5 | 14.3 11.7 - 16.8 |
| | 15 | 1,191 | 31.8 27.5 - 36.1 | 35.2 32.1 - 38.3 | 20.8 18.5 - 23.1 | 12.2 10.0 - 14.4 |
| | 16 | 1,173 | 33.0 27.6 - 38.3 | 39.0 34.5 - 43.5 | 16.8 14.6 - 19.1 | 11.2 9.2 - 13.2 |
| | 17 or older | 1,004 | 34.8 29.2 - 40.4 | 37.8 32.8 - 42.9 | 15.2 12.5 - 17.8 | 12.2 9.6 - 14.8 |
| By NZDep2006 | Low | 1,901 | 36.5 31.7 - 41.4 | 34.3 30.2 - 38.4 | 16.7 14.6 - 18.9 | 12.5 10.4 - 14.5 |
| | Medium | 1,938 | 36.8 32.5 - 41.0 | 32.2 29.1 - 35.3 | 18.5 16.8 - 20.3 | 12.5 10.6 - 14.3 |
| | High | 1,112 | 30.0 26.1 - 33.8 | 36.6 32.9 - 40.3 | 17.7 15.6 - 19.9 | 15.7 13.4 - 18.0 |
| By Geography | Urban | 4,018 | 34.3 30.4 - 38.2 | 34.2 31.1 - 37.3 | 17.4 16.2 - 18.6 | 14.1 12.5 - 15.8 |
| | Rural | 934 | 38.9 33.1 - 44.8 | 33.1 28.8 - 37.3 | 18.9 16.1 - 21.7 | 9.2 6.9 - 11.4 |



Source of alcohol (among students who CURRENTLY drink alcohol)

| | Total | | By Gender | | By Age | | | | | |
|---|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| | n | % (95% CI) | Male (95% CI) | Female (95% CI) | ≤13 yrs (95% CI) | 14 (95% CI) | 15 (95% CI) | 16 (95% CI) | 17 (95% CI) | ≥18 yrs* (95% CI) |
| I buy it myself | 675 | 13.6 11.7 - 15.5 | 16.4 13.7 - 19.0 | 10.5 8.9 - 12.0 | 3.7 2.3 - 5.1 | 4.9 3.5 - 6.3 | 9.7 7.8 - 11.6 | 15.5 12.0 - 19.0 | 20.7 16.0 - 25.3 | 84.7 80.1 - 89.2 |
| friends give it to me | 2,652 | 53.3 51.3 - 55.4 | 48.2 45.8 - 50.6 | 59.2 57.1 - 61.3 | 37.8 33.2 - 42.3 | 50.5 46.3 - 54.8 | 56.9 54.3 - 59.5 | 59.4 56.3 - 62.4 | 56.3 52.2 - 60.4 | 43.1 36.0 - 50.1 |
| my brothers or sisters give it to me | 1,134 | 22.9 21.3 - 24.5 | 21.0 19.2 - 22.9 | 25.0 22.7 - 27.3 | 25.6 21.7 - 29.5 | 25.2 22.5 - 27.9 | 23.8 21.1 - 26.6 | 23.1 19.9 - 26.2 | 18.6 16.1 - 21.2 | 12.2 6.9 - 17.6 |
| my parents give it to me | 2,682 | 54.0 51.5 - 56.5 | 52.8 49.6 - 56.0 | 55.3 52.4 - 58.3 | 48.9 44.1 - 53.7 | 51.2 47.3 - 55.1 | 53.7 50.7 - 56.7 | 56.3 52.4 - 60.2 | 61.3 56.9 - 65.8 | 36.4 27.6 - 45.1 |
| I take it from home | 830 | 16.7 15.3 - 18.0 | 16.5 14.6 - 18.4 | 16.9 15.2 - 18.5 | 18.7 15.3 - 22.1 | 19.4 16.7 - 22.1 | 16.8 14.3 - 19.2 | 15.7 12.9 - 18.5 | 14.4 12.2 - 16.7 | 9.7 5.7 - 13.7 |
| another adult I know gives it to me | 982 | 19.7 18.2 - 21.3 | 18.9 16.9 - 20.8 | 20.7 18.5 - 22.9 | 18.7 15.9 - 21.5 | 22.9 19.9 - 26.0 | 24.0 21.5 - 26.4 | 19.1 16.2 - 22.1 | 13.8 11.2 - 16.4 | 7.7 3.7 - 11.8 |
| I get someone else to buy it for me | 1,754 | 35.3 33.3 - 37.3 | 31.9 29.6 - 34.2 | 39.2 36.8 - 41.5 | 15.8 12.1 - 19.5 | 27.8 24.5 - 31.0 | 37.1 34.4 - 39.9 | 46.3 42.5 - 50.1 | 44.4 40.3 - 48.5 | 12.9 8.1 - 17.6 |
| I pinch it | 308 | 6.2 5.3 - 7.0 | 6.6 5.4 - 7.7 | 5.7 4.7 - 6.7 | 11.8 9.5 - 14.1 | 10.2 7.8 - 12.6 | 6.6 5.0 - 8.1 | 3.6 2.4 - 4.8 | 1.1 0.4 - 1.7 | 2.6 0.1 - 5.0 |

* There were only 237 students aged 18 years or over



Alcohol access (among students who BUY THEIR OWN alcohol)

| | | | Students who usually buy their alcohol at a supermarket | Students who usually buy their alcohol at a bottle or liquor store | Students who usually buy their alcohol at other locations** | Not asked to show ID when buying alcohol* | |
|--------------|---------------|-----|---|--|---|---|---------------------|
| | | n | % (95% CI) | % (95% CI) | % (95% CI) | n | % (95% CI) |
| | | | | | | | |
| Total | | 667 | 14.0 11.8 - 16.2 | 67.8 63.8 - 71.7 | 18.3 14.9 - 21.6 | 262 | 39.2 34.8 - 43.5 |
| | | | | | | | |
| By Gender | Male | 431 | 15.0 12.2 - 17.9 | 64.5 59.0 - 70.1 | 20.4 15.8 - 25.1 | 167 | 38.9 33.4 - 44.5 |
| | Female | 243 | 12.6 7.7 - 17.4 | 72.8 66.3 - 79.2 | 14.7 10.3 - 19.0 | 95 | 39.7 33.1 - 46.2 |
| | | | | | | | |
| By Age | 14 or younger | 71 | 12.8 6.3 - 19.3 | 43.0 32.8 - 53.3 | 44.1 33.4 - 54.9 | 45 | 63.1 53.3 - 72.9 |
| | 15 or older | 603 | 14.3 11.9 - 16.8 | 70.4 66.4 - 74.3 | 15.3 12.1 - 18.6 | 217 | 36.3 31.7 - 40.9 |
| | | | | | | | |
| By NZDep2006 | Low | 252 | 17.0 13.4 - 20.7 | 68.0 62.4 - 73.5 | 15.0 10.9 - 19.1 | 93 | 37.0 31.0 - 43.0 |
| | Medium | 245 | 14.4 9.9 - 18.9 | 66.3 59.7 - 72.8 | 19.3 13.5 - 25.2 | 90 | 37.0 29.9 - 44.1 |
| | High | 170 | 8.9 5.0 - 12.8 | 69.6 62.7 - 76.5 | 21.5 15.6 - 27.5 | 79 | 47.2 39.8 - 54.7 |
| | | | | | | | |
| By Geography | Urban | 573 | 15.1 12.5 - 17.6 | 67.9 63.7 - 72.0 | 17.0 13.6 - 20.5 | 219 | 38.6 33.8 - 43.4 |
| | Rural | 94 | 7.3 2.5 - 12.1 | 66.9 55.6 - 78.1 | 25.8 16.6 - 35.1 | 43 | 45.6 36.6 - 54.6 |

*Almost never or hardly ever

**Pub, café, restaurant, clubs, parties, family and elsewhere



Alcohol problem use

| | | Episode of binge drinking in last 4 weeks among ALL students* | | Worried about how much alcohol they drink among CURRENT drinkers** | | Tried to cut down or give- up drinking alcohol among CURRENT drinkers | |
|---------------------|-------------|---|---------------------|--|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,829 | 34.4 31.7 - 37.0 | 526 | 10.7 9.5 - 11.9 | 603 | 12.3 10.7 - 13.9 |
| By Gender | Male | 1,566 | 35.8 33.0 - 38.6 | 287 | 11.0 9.4 - 12.5 | 291 | 11.1 9.5 - 12.8 |
| | Female | 1,263 | 32.7 29.4 - 36.0 | 239 | 10.4 8.7 - 12.0 | 312 | 13.7 11.4 - 15.9 |
| By Age | 13 or less | 225 | 13.6 11.3 - 15.8 | 67 | 11.1 8.9 - 13.4 | 99 | 16.7 12.5 - 20.9 |
| | 14 | 492 | 26.1 23.6 - 28.6 | 111 | 11.2 8.8 - 13.6 | 104 | 10.6 7.9 - 13.3 |
| | 15 | 676 | 37.8 33.8 - 41.8 | 129 | 11.1 9.2 - 12.9 | 123 | 10.5 8.6 - 12.4 |
| | 16 | 748 | 47.0 42.6 - 51.4 | 118 | 10.1 8.4 - 11.9 | 136 | 11.8 9.6 - 14.0 |
| | 17 or older | 688 | 52.1 46.8 - 57.3 | 101 | 10.1 8.1 - 12.2 | 141 | 14.1 11.6 - 16.6 |
| By NZDep2006 | Low | 982 | 32.4 29.9 - 34.9 | 149 | 7.9 6.8 - 9.0 | 158 | 8.4 7.1 - 9.8 |
| | Medium | 1,098 | 34.8 31.6 - 38.1 | 173 | 9.1 7.6 - 10.5 | 222 | 11.7 9.7 - 13.6 |
| | High | 721 | 36.3 32.1 - 40.5 | 197 | 18.1 15.2 - 21.0 | 217 | 20.2 17.1 - 23.3 |
| By Geography | Urban | 2,248 | 32.8 30.1 - 35.6 | 443 | 11.2 9.9 - 12.5 | 527 | 13.4 11.6 - 15.2 |
| | Rural | 554 | 42.0 38.7 - 45.3 | 76 | 8.2 6.4 - 10.1 | 70 | 7.6 5.7 - 9.5 |

* Five or more alcoholic drinks in one session – within four hours

**Some or a lot

Problems with alcohol use in the last year (among students who CURRENTLY drink alcohol)

| | Total | | By Gender | |
|---|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| had friends or family tell you to cut down your alcohol drinking | 785 | 16.1 14.8 - 17.3 | 16.4 14.9 - 18.0 | 15.6 14.0 - 17.3 |
| had your performance at school or work affected by your alcohol use | 478 | 9.8 8.7 - 10.9 | 10.4 9.1 - 11.8 | 9.1 7.6 - 10.7 |
| had unsafe sex (no condom) after you had been drinking alcohol | 704 | 14.4 12.8 - 16.1 | 13.3 11.2 - 15.3 | 15.8 13.6 - 17.9 |
| had unwanted sex after you had been drinking alcohol | 338 | 6.9 6.0 - 7.8 | 6.6 5.5 - 7.7 | 7.2 5.9 - 8.6 |
| done things that could have got you into serious trouble (stealing, etc) | 968 | 19.9 18.1 - 21.6 | 24.0 21.8 - 26.2 | 15.3 13.5 - 17.0 |
| been injured after you had been drinking alcohol | 1,054 | 21.7 20.4 - 22.9 | 20.2 18.3 - 22.1 | 23.3 21.7 - 25.0 |
| been injured and required treatment by a doctor or nurse after drinking alcohol | 184 | 3.8 3.0 - 4.5 | 4.4 3.3 - 5.5 | 3.1 2.2 - 4.0 |
| injured someone else after you had been drinking alcohol | 405 | 8.3 7.3 - 9.3 | 10.1 8.8 - 11.4 | 6.3 5.1 - 7.4 |
| had a car crash after you had been drinking alcohol | 110 | 2.2 1.7 - 2.8 | 2.7 1.9 - 3.5 | 1.7 1.1 - 2.4 |



Marijuana Use

Marijuana use

| | | Ever used marijuana | | Current marijuana use | | Weekly or more often marijuana use | |
|---------------------|-------------|---------------------|---------------------|-----------------------|---------------------|------------------------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2131 | 27.0 24.9 - 29.1 | 1,240 | 15.7 14.4 - 17.0 | 374 | 4.7 4.0 - 5.4 |
| By Gender | | | | | | | |
| | Male | 1129 | 27.2 25.1 - 29.3 | 688 | 16.5 15.1 - 18.0 | 249 | 6.0 5.1 - 6.9 |
| | Female | 1002 | 26.8 23.9 - 29.6 | 552 | 14.8 13.0 - 16.5 | 125 | 3.3 2.6 - 4.1 |
| By Age | | | | | | | |
| | 13 or less | 220 | 13.8 11.3 - 16.4 | 117 | 7.3 5.8 - 8.8 | 35 | 2.2 1.5 - 3.0 |
| | 14 | 406 | 22.7 20.1 - 25.4 | 246 | 13.8 12.1 - 15.5 | 87 | 4.9 3.7 - 6.1 |
| | 15 | 523 | 30.4 27.3 - 33.6 | 326 | 19.0 16.6 - 21.4 | 111 | 6.5 5.3 - 7.6 |
| | 16 | 521 | 33.9 30.7 - 37.1 | 308 | 20.1 17.8 - 22.3 | 82 | 5.3 3.9 - 6.7 |
| | 17 or older | 461 | 36.2 32.1 - 40.2 | 243 | 19.0 16.3 - 21.8 | 59 | 4.6 3.2 - 6.0 |
| By NZDep2006 | | | | | | | |
| | Low | 648 | 22.2 20.0 - 24.4 | 386 | 13.2 11.8 - 14.6 | 99 | 3.4 2.7 - 4.0 |
| | Medium | 827 | 27.3 24.7 - 29.8 | 497 | 16.3 14.6 - 18.1 | 146 | 4.8 3.8 - 5.8 |
| | High | 640 | 34.3 30.6 - 38.0 | 348 | 18.7 16.1 - 21.3 | 127 | 6.8 5.4 - 8.1 |
| By Geography | | | | | | | |
| | Urban | 1769 | 27.0 24.7 - 29.3 | 1,027 | 15.6 14.3 - 17.0 | 304 | 4.6 3.9 - 5.4 |
| | Rural | 346 | 27.1 23.6 - 30.6 | 204 | 16.1 13.4 - 18.9 | 68 | 5.4 4.0 - 6.8 |

Marijuana problem use (among CURRENT marijuana users)

| | | Usually uses marijuana before or during school | | Usually uses marijuana alone | | Worried about how much they use marijuana* | | Tried to cut down or give up using marijuana | |
|---------------------|-------------|--|---------------------|------------------------------|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 271 | 22.2 18.4 - 26.1 | 221 | 17.9 15.0 - 20.8 | 170 | 14.0 11.9 - 16.1 | 367 | 30.3 27.2 - 33.4 |
| | | | | | | | | | |
| By Gender | Male | 154 | 22.9 18.5 - 27.4 | 139 | 20.3 15.4 - 25.2 | 108 | 16.1 13.1 - 19.1 | 207 | 31.0 26.1 - 35.8 |
| | Female | 117 | 21.4 15.9 - 27.0 | 82 | 14.9 12.1 - 17.8 | 62 | 11.4 8.4 - 14.4 | 160 | 29.4 25.5 - 33.3 |
| | | | | | | | | | |
| By Age | 13 or less | 47 | 41.7 30.5 - 52.8 | 26 | 22.1 14.3 - 30.0 | 20 | 18.4 11.0 - 25.8 | 34 | 30.8 20.6 - 40.9 |
| | 14 | 69 | 28.4 21.5 - 35.2 | 56 | 23.1 17.4 - 28.9 | 34 | 14.3 9.8 - 18.7 | 70 | 29.7 23.4 - 35.9 |
| | 15 | 72 | 22.3 16.2 - 28.3 | 61 | 18.7 14.5 - 22.9 | 49 | 15.2 11.1 - 19.3 | 87 | 27.2 22.1 - 32.4 |
| | 16 | 53 | 17.5 13.0 - 21.9 | 44 | 14.3 10.0 - 18.6 | 40 | 13.1 9.7 - 16.5 | 103 | 33.7 28.0 - 39.4 |
| | 17 or older | 30 | 12.8 8.1 - 17.5 | 34 | 14.2 9.1 - 19.3 | 27 | 11.2 6.9 - 15.4 | 73 | 30.4 23.7 - 37.0 |
| | | | | | | | | | |
| By NZDep2006 | Low | 58 | 15.2 11.5 - 18.8 | 42 | 10.9 7.7 - 14.0 | 48 | 12.6 9.5 - 15.6 | 102 | 26.8 22.5 - 31.2 |
| | Medium | 94 | 19.2 14.9 - 23.5 | 96 | 19.5 15.2 - 23.8 | 54 | 11.2 8.0 - 14.4 | 139 | 28.6 24.2 - 32.9 |
| | High | 116 | 34.3 27.3 - 41.3 | 81 | 23.3 18.7 - 28.0 | 68 | 19.8 15.5 - 24.2 | 125 | 37.1 31.4 - 42.8 |
| | | | | | | | | | |
| By Geography | Urban | 231 | 22.9 18.6 - 27.2 | 180 | 17.6 14.5 - 20.7 | 150 | 14.9 12.4 - 17.4 | 308 | 30.7 27.4 - 34.0 |
| | Rural | 37 | 18.6 13.2 - 24.0 | 39 | 19.1 12.9 - 25.2 | 20 | 9.9 6.2 - 13.7 | 58 | 28.9 22.5 - 35.2 |

*Some or a lot



Problems with marijuana use in the last year (among CURRENT marijuana users)

| | Total | | By Gender | |
|--|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| had friends or family tell you to cut down your marijuana smoking | 224 | 18.6 16.2 - 21.0 | 19.0 15.8 - 22.2 | 18.0 14.6 - 21.4 |
| had your performance at school or work affected by your marijuana smoking | 257 | 21.4 18.8 - 23.9 | 24.3 21.3 - 27.3 | 17.7 14.2 - 21.3 |
| had unsafe sex (no condom) after you had been smoking marijuana | 168 | 13.9 11.8 - 16.0 | 15.9 12.9 - 18.9 | 11.4 8.9 - 13.9 |
| had unwanted sex after you had been smoking marijuana | 64 | 5.3 4.0 - 6.6 | 7.4 5.2 - 9.6 | 2.7 1.4 - 3.9 |
| done things that could have got you into serious trouble (stealing, etc) | 256 | 21.3 18.6 - 23.9 | 25.8 22.0 - 29.6 | 15.7 12.1 - 19.2 |
| been injured after you had been smoking marijuana | 130 | 10.8 9.0 - 12.6 | 12.0 9.5 - 14.5 | 9.3 7.1 - 11.6 |
| been injured and required treatment by a doctor or nurse after smoking marijuana | 41 | 3.4 2.2 - 4.5 | 4.7 3.1 - 6.4 | 1.7 0.6 - 2.9 |
| injured someone else after you had been smoking marijuana | 100 | 8.2 6.3 - 10.2 | 11.2 8.4 - 14.1 | 4.6 2.7 - 6.5 |
| had a car crash after you had been smoking marijuana | 46 | 3.8 2.7 - 4.9 | 5.3 3.6 - 7.1 | 1.9 0.6 - 3.3 |

Other Drugs

Students who have used other drugs...

| | | Used once | 2 or 3 times | 4 or more times |
|--|-----|------------------|------------------|------------------|
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| inhaled glue/gas or paint to get high | 182 | 1.1 0.9 - 1.3 | 0.6 0.4 - 0.7 | 0.7 0.5 - 0.9 |
| inhaled nitrous gas or laughing gas | 342 | 1.9 1.6 - 2.2 | 1.2 0.9 - 1.4 | 1.3 1.0 - 1.6 |
| party pills or herbal highs | 878 | 4.5 3.8 - 5.1 | 3.7 3.2 - 4.3 | 3.1 2.6 - 3.6 |
| acid, LSD, mushrooms | 230 | 1.3 1.0 - 1.6 | 0.6 0.5 - 0.8 | 1.0 0.8 - 1.2 |
| morphine, heroin, smack, etc | 120 | 0.7 0.6 - 0.9 | 0.3 0.2 - 0.4 | 0.5 0.3 - 0.6 |
| 'P' or pure methamphetamine | 95 | 0.5 0.3 - 0.7 | 0.3 0.1 - 0.4 | 0.5 0.3 - 0.6 |
| speed, dexedrine, benzedine, whizz, go fast, uppers, etc | 184 | 1.1 0.8 - 1.3 | 0.6 0.5 - 0.8 | 0.7 0.5 - 0.9 |
| ecstasy or 'E' | 227 | 1.4 1.2 - 1.7 | 0.7 0.5 - 1.0 | 0.7 0.5 - 1.0 |
| cocaine, including powder, crack or freebase, etc. | 131 | 0.8 0.6 - 1.0 | 0.3 0.2 - 0.5 | 0.5 0.4 - 0.7 |
| steroid pills or shots (without a doctor's prescription) | 91 | 0.5 0.4 - 0.7 | 0.2 0.1 - 0.3 | 0.4 0.3 - 0.6 |
| used a needle to inject illegal drugs into your body | 73 | 0.4 0.2 - 0.5 | 0.2 0.1 - 0.3 | 0.4 0.2 - 0.5 |



Where would students go to for help with alcohol and/or other drug problems or concerns?

| | Total | | By Gender | |
|----------------------------|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| school guidance counsellor | 3,632 | 44.1 42.0 - 46.2 | 42.8 40.2 - 45.4 | 45.6 42.8 - 48.4 |
| friends | 5,699 | 69.0 67.2 - 70.7 | 59.7 58.1 - 61.4 | 79.4 77.7 - 81.2 |
| teachers | 1,599 | 19.3 17.9 - 20.7 | 21.3 19.5 - 23.2 | 17.0 15.2 - 18.8 |
| parents | 5,013 | 60.7 59.2 - 62.1 | 63.5 61.7 - 65.3 | 57.5 55.4 - 59.5 |
| school nurse | 1,705 | 20.7 18.5 - 22.9 | 19.9 17.6 - 22.1 | 21.7 18.7 - 24.8 |
| family doctor | 3,046 | 36.9 35.7 - 38.1 | 38.7 37.3 - 40.2 | 34.8 32.9 - 36.6 |
| drug and alcohol service | 2,819 | 34.2 33.0 - 35.4 | 35.1 33.7 - 36.5 | 33.2 31.3 - 35.0 |
| I wouldn't look for help | 630 | 7.6 6.9 - 8.3 | 9.8 8.9 - 10.7 | 5.1 4.3 - 5.9 |

Comparison 2001 – 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Ever tried cigarettes | | | | | |
| Total | | 4653 | 52.6 50.1 - 55.2 | 2637 | 31.8 29.8 - 33.8 |
| | | | | | |
| By Gender | Male | 2003 | 50.3 47.3 - 53.3 | 1291 | 29.5 27.7 - 31.3 |
| | Female | 2650 | 54.6 51.9 - 57.3 | 1346 | 34.3 31.2 - 37.5 |
| Weekly or more often cigarette use | | | | | |
| Total | | 1379 | 15.5 14.1 - 16.9 | 647 | 7.8 6.9 - 8.6 |
| | | | | | |
| By Gender | Male | 516 | 12.9 11.4 - 14.5 | 273 | 6.2 5.3 - 7.2 |
| | Female | 863 | 17.7 15.9 - 19.5 | 374 | 9.5 7.9 - 11.0 |
| Episode of binge drinking in last 4 weeks | | | | | |
| Total | | 3453 | 39.8 37.1 - 42.6 | 2829 | 34.3 31.5 - 37.1 |
| | | | | | |
| By Gender | Male | 1622 | 41.4 38.1 - 44.7 | 1566 | 35.7 32.8 - 38.6 |
| | Female | 1831 | 38.5 35.7 - 41.3 | 1263 | 32.6 29.2 - 36.1 |
| Ever used marijuana | | | | | |
| Total | | 3244 | 38.2 35.7 - 40.7 | 2131 | 27.0 24.8 - 29.2 |
| | | | | | |
| By Gender | Male | 1472 | 38.5 35.6 - 41.3 | 1129 | 27.2 25.1 - 29.3 |
| | Female | 1772 | 38.0 35.2 - 40.7 | 1002 | 26.8 23.9 - 29.7 |
| Weekly or more often marijuana use | | | | | |
| Total | | 558 | 6.7 5.8 - 7.6 | 374 | 4.7 4.0 - 5.4 |
| | | | | | |
| By Gender | Male | 297 | 7.9 6.6 - 9.2 | 249 | 6.0 5.1 - 6.9 |
| | Female | 261 | 5.7 4.6 - 6.8 | 125 | 3.3 2.6 - 4.1 |



Gambling

This sections reports on students' behaviour in relation to gambling and type of gambling. Questions cover frequency and time spent on gambling as well as reasons for gambling.

Gambling patterns*

| | | Students who have gambled in the last year | | Students who have gambled in the last 4 weeks | | Students who spend more than \$20 per week on gambling | | Students who usually gamble for more than 30 minutes a day | |
|--------------|------------|--|---------------------|---|--------------------|--|------------------|--|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,234 | 26.7 25.4 - 28.1 | 594 | 7.1 6.3 - 7.9 | 111 | 1.3 1.1 - 1.6 | 99 | 1.2 0.9 - 1.5 |
| By Gender | Male | 1,395 | 31.3 29.4 - 33.1 | 425 | 9.6 8.5 - 10.7 | 93 | 2.1 1.6 - 2.5 | 83 | 1.9 1.4 - 2.3 |
| | Female | 839 | 21.5 19.9 - 23.1 | 169 | 4.3 3.6 - 5.0 | 18 | 0.5 0.2 - 0.7 | 16 | 0.4 0.2 - 0.6 |
| By Age | 13 or less | 418 | 24.9 22.6 - 27.3 | 90 | 5.4 4.2 - 6.6 | 23 | 1.4 0.8 - 2.0 | 19 | 1.1 0.6 - 1.7 |
| | 14 | 454 | 23.7 21.5 - 25.8 | 104 | 5.4 4.4 - 6.4 | 24 | 1.2 0.8 - 1.7 | 29 | 1.5 1.0 - 2.1 |
| | 15 | 478 | 26.2 24.0 - 28.4 | 133 | 7.3 5.9 - 8.6 | 28 | 1.5 0.9 - 2.1 | 23 | 1.3 0.7 - 1.8 |
| | 16 | 459 | 28.5 25.9 - 31.1 | 126 | 7.9 6.2 - 9.6 | 18 | 1.1 0.5 - 1.7 | 11 | 0.7 0.3 - 1.1 |
| | 17 or more | 425 | 31.9 28.9 - 34.9 | 141 | 10.6 8.4 - 12.8 | 18 | 1.4 0.8 - 1.9 | 17 | 1.3 0.7 - 1.9 |
| By NZDep2006 | Low | 868 | 28.2 26.3 - 30.1 | 236 | 7.7 6.4 - 9.0 | 25 | 0.8 0.5 - 1.1 | 23 | 0.8 0.4 - 1.1 |
| | Medium | 879 | 27.5 25.4 - 29.6 | 226 | 7.1 5.9 - 8.2 | 44 | 1.4 0.9 - 1.9 | 35 | 1.1 0.7 - 1.6 |
| | High | 469 | 23.3 21.3 - 25.4 | 130 | 6.4 5.1 - 7.8 | 40 | 2.0 1.4 - 2.5 | 39 | 1.9 1.4 - 2.5 |
| By Geography | Urban | 1,853 | 26.7 25.4 - 28.0 | 496 | 7.2 6.3 - 8.0 | 96 | 1.4 1.1 - 1.7 | 88 | 1.3 0.9 - 1.6 |
| | Rural | 363 | 27.0 23.7 - 30.4 | 96 | 7.1 5.3 - 8.9 | 13 | 0.9 0.4 - 1.4 | 9 | 0.7 0.2 - 1.2 |

*Gambled or bet money on things like lotto, Instant Kiwi, Pokies or bet money with friends

Reasons for student gambling

(Students could answer more than one response option)

(Among students who gambled in the last year)

| | n | % (95% CI) |
|-----------------------------|-------|---------------------|
| To have fun | 1,458 | 66.5 64.3 - 68.6 |
| To win money | 1,162 | 53.0 50.9 - 55.1 |
| Because I am bored | 472 | 21.4 19.2 - 23.5 |
| To relax | 131 | 6.0 4.8 - 7.1 |
| To feel better about myself | 65 | 2.9 2.2 - 3.7 |
| To forget about things | 82 | 3.7 2.9 - 4.5 |
| Because my friends do | 122 | 5.6 4.6 - 6.6 |
| Because my family does | 101 | 4.6 3.6 - 5.6 |
| For a challenge | 538 | 24.5 22.2 - 26.9 |
| Because I can't stop | 35 | 1.6 1.0 - 2.1 |
| Because I am short of money | 88 | 4.0 3.1 - 4.8 |
| To get a buzz | 261 | 11.9 10.4 - 13.3 |



Types of gambling in the last year

(Students could choose more than one response option)

(Among students who gambled in the last year)

| | Total | | By Gender | |
|---|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| Instant Kiwi (scratchies) | 995 | 44.7 41.6 - 47.9 | 38.7 35.2 - 42.3 | 54.7 50.9 - 58.5 |
| Lotto (including Strike, Powerball etc) | 458 | 20.7 18.8 - 22.6 | 19.7 17.2 - 22.2 | 22.3 19.3 - 25.4 |
| Bingo or Housie | 108 | 4.8 3.6 - 6.0 | 5.5 4.1 - 7.0 | 3.6 2.0 - 5.2 |
| Pub or Club (pokies) | 161 | 7.2 6.0 - 8.5 | 8.7 7.0 - 10.3 | 4.8 3.5 - 6.1 |
| Casino Pokies or tables (eg roulette) | 82 | 3.7 2.9 - 4.5 | 4.7 3.5 - 5.9 | 2.1 1.3 - 2.8 |
| TAB betting (eg on the track racing) | 256 | 11.5 9.8 - 13.2 | 12.7 10.6 - 14.8 | 9.6 7.2 - 12.0 |
| Internet (eg internet casino) | 120 | 5.4 4.4 - 6.4 | 7.1 5.6 - 8.6 | 2.6 1.6 - 3.5 |
| Bet with friends | 1,363 | 61.4 59.3 - 63.5 | 65.1 62.6 - 67.6 | 55.2 52.1 - 58.4 |
| 0900 Phone games | 54 | 2.4 1.7 - 3.1 | 3.3 2.2 - 4.3 | 1.0 0.4 - 1.7 |
| Cards or coins | 502 | 22.7 20.9 - 24.5 | 27.5 25.0 - 29.9 | 14.7 12.3 - 17.1 |
| Other | 240 | 10.8 9.5 - 12.2 | 12.1 10.2 - 13.9 | 8.8 7.0 - 10.5 |
| None of these | 135 | 6.1 5.0 - 7.1 | 6.6 5.2 - 7.9 | 5.3 3.6 - 7.0 |



Sexual Health

Adolescence is a period of life when young people begin to experience sexual attractions and behaviours, which are a part of healthy and normal development. However, unsafe sexual behaviours place young people at risk of negative health outcomes, such as STIs, unwanted pregnancy and distress (Brown, 2000). This section reports on secondary school students' sexual behaviours, sexual health-related behaviours and sexual orientation.

Before the questions on sexual health, all students were reminded that their answers were confidential. Students were asked if they wanted to answer questions about their sexual health. Students who declined went on to the next section. Students who agreed to answer questions on their sexual health were asked questions about whether they had been sexually active, the context of their sexual activity, use of contraception and condoms, if they or their partner had been pregnant, and sexual abuse. Students were also asked questions about their sexual orientation.

It is important to note that the 'ever had sex' question used in both the 2001 and 2007 surveys asked about "first experience of sex (sexual intercourse or going all the way)" – suggesting that "sex" is about sexual intercourse, which for some students will not be the case. The responses given to the sexual health questions are likely to relate only to sex involving sexual intercourse. The findings need to be interpreted with this in mind.



Sexual Behaviours

| | | Ever spent a long time kissing, hugging or touching someone | | Ever had sexual intercourse | | Currently sexually active (had sexual intercourse in the last 3 months) | | Enjoy having sex (very much/ a lot)* | |
|--------------|-------------|---|---------------------|-----------------------------|---------------------|---|---------------------|--------------------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 4,849 | 59.9 57.3 - 62.5 | 2,931 | 36.3 33.3 - 39.3 | 2,017 | 25.1 23.0 - 27.3 | 2,132 | 74.4 71.6 - 77.2 |
| | | | | | | | | | |
| By Gender | Male | 2,596 | 60.4 57.2 - 63.5 | 1,610 | 37.6 34.2 - 41.1 | 1,056 | 24.9 22.5 - 27.3 | 1,289 | 82.1 79.7 - 84.4 |
| | Female | 2,253 | 59.4 56.2 - 62.5 | 1,321 | 34.8 31.4 - 38.3 | 961 | 25.4 22.7 - 28.1 | 843 | 64.9 61.4 - 68.5 |
| | | | | | | | | | |
| By Age | 13 or less | 656 | 40.9 37.5 - 44.3 | 321 | 20.2 17.1 - 23.2 | 171 | 10.8 8.7 - 12.9 | 197 | 65.5 58.2 - 72.8 |
| | 14 | 1,031 | 54.9 51.8 - 58.1 | 509 | 27.1 24.2 - 30.0 | 325 | 17.4 15.2 - 19.7 | 348 | 70.2 64.9 - 75.5 |
| | 15 | 1,114 | 62.9 59.6 - 66.2 | 693 | 39.2 35.2 - 43.3 | 496 | 28.2 25.2 - 31.2 | 492 | 72.4 68.2 - 76.6 |
| | 16 | 1,104 | 70.5 67.2 - 73.9 | 721 | 46.1 41.3 - 50.8 | 520 | 33.4 29.8 - 37.0 | 560 | 78.8 75.3 - 82.3 |
| | 17 or older | 944 | 73.6 68.8 - 78.3 | 687 | 53.7 47.7 - 59.7 | 505 | 39.6 34.8 - 44.4 | 535 | 78.6 74.6 - 82.5 |
| | | | | | | | | | |
| By NZDep2006 | Low | 1,705 | 57.1 54.6 - 59.6 | 914 | 30.7 27.7 - 33.6 | 642 | 21.6 19.4 - 23.8 | 713 | 79.7 76.4 - 82.9 |
| | Medium | 1,880 | 60.7 57.4 - 64.0 | 1,109 | 35.9 32.6 - 39.3 | 744 | 24.2 21.8 - 26.6 | 822 | 75.9 72.5 - 79.3 |
| | High | 1,224 | 62.9 59.4 - 66.5 | 881 | 45.5 41.5 - 49.5 | 611 | 31.9 28.8 - 35.0 | 581 | 67.3 62.9 - 71.7 |
| | | | | | | | | | |
| By Geography | Urban | 3,968 | 59.0 56.1 - 61.8 | 2,390 | 35.6 32.3 - 38.9 | 1,643 | 24.6 22.3 - 26.9 | 1,729 | 73.7 70.7 - 76.7 |
| | Rural | 841 | 64.6 61.9 - 67.3 | 514 | 39.7 36.5 - 43.0 | 354 | 27.6 25.0 - 30.2 | 387 | 78.2 74.8 - 81.7 |

*Among students who have ever had sexual intercourse



Sexual health behaviours (among those who have ever had sex)

| | | Talked with partner about preventing pregnancy | | Talked with partner about preventing sexually transmitted infections or HIV/AIDS | | Use contraception most or all of the time as protection against pregnancy | |
|--------------|-------------|--|---------------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,076 | 72.2 69.8 - 74.5 | 1,296 | 45.0 43.0 - 46.9 | 2,013 | 80.5 78.5 - 82.5 |
| | | | | | | | |
| By Gender | Male | 1,010 | 64.3 60.9 - 67.8 | 643 | 41.0 38.5 - 43.5 | 1,083 | 81.1 78.6 - 83.5 |
| | Female | 1,066 | 81.7 79.1 - 84.2 | 653 | 49.8 47.2 - 52.3 | 930 | 79.9 76.5 - 83.3 |
| | | | | | | | |
| By Age | 13 or less | 154 | 50.8 44.5 - 57.0 | 107 | 35.3 29.9 - 40.7 | 180 | 76.9 71.6 - 82.2 |
| | 14 | 294 | 59.3 55.1 - 63.6 | 205 | 41.1 37.5 - 44.6 | 329 | 77.4 73.3 - 81.4 |
| | 15 | 494 | 72.1 67.8 - 76.5 | 312 | 45.9 42.0 - 49.8 | 466 | 80.1 77.3 - 83.0 |
| | 16 | 562 | 79.0 75.4 - 82.5 | 329 | 46.0 42.0 - 50.0 | 517 | 80.9 77.4 - 84.5 |
| | 17 or older | 572 | 83.8 80.9 - 86.7 | 343 | 50.0 46.2 - 53.8 | 521 | 83.9 80.5 - 87.3 |
| | | | | | | | |
| By NZDep2006 | Low | 710 | 79.1 75.8 - 82.3 | 395 | 43.6 40.4 - 46.9 | 677 | 86.1 83.7 - 88.5 |
| | Medium | 792 | 72.5 69.8 - 75.2 | 484 | 44.4 41.9 - 47.0 | 766 | 81.2 78.7 - 83.8 |
| | High | 561 | 65.2 61.5 - 68.9 | 409 | 47.5 43.6 - 51.4 | 555 | 74.2 70.5 - 77.9 |
| | | | | | | | |
| By Geography | Urban | 1,675 | 71.4 68.8 - 74.0 | 1,068 | 45.4 43.2 - 47.5 | 1,623 | 79.6 77.3 - 81.9 |
| | Rural | 388 | 76.9 73.5 - 80.4 | 220 | 43.7 39.8 - 47.7 | 375 | 85.4 82.5 - 88.2 |



Condom use (among students who have ever been sexually active)

| | | Used a condom the first time they had sexual intercourse | | Used a condom the last time they had sexual intercourse as protection against sexually transmitted disease or infections | | Use condoms most or all of the time as protection against sexually transmitted disease or infections | |
|---------------------|-------------|--|---------------------|--|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,013 | 70.8 68.5 - 73.2 | 1,786 | 63.7 61.8 - 65.6 | 2,010 | 71.5 69.5 - 73.5 |
| | | | | | | | |
| By Gender | Male | 1,105 | 70.9 67.8 - 74.0 | 1,050 | 68.4 65.7 - 71.0 | 1,172 | 76.0 73.5 - 78.4 |
| | Female | 908 | 70.7 67.3 - 74.1 | 736 | 57.9 55.0 - 60.9 | 838 | 66.0 62.7 - 69.3 |
| | | | | | | | |
| By Age | 13 or less | 188 | 62.5 58.0 - 67.1 | 186 | 64.3 59.4 - 69.3 | 200 | 68.7 63.6 - 73.9 |
| | 14 | 329 | 68.3 63.4 - 73.3 | 338 | 70.5 66.2 - 74.8 | 352 | 73.2 69.0 - 77.4 |
| | 15 | 470 | 69.9 66.4 - 73.4 | 430 | 65.3 61.6 - 69.0 | 495 | 74.6 71.0 - 78.2 |
| | 16 | 532 | 75.1 71.2 - 79.0 | 440 | 62.6 59.4 - 65.8 | 504 | 71.8 68.0 - 75.7 |
| | 17 or older | 494 | 72.7 68.8 - 76.6 | 392 | 58.1 54.5 - 61.7 | 459 | 68.0 64.1 - 71.9 |
| | | | | | | | |
| By NZDep2006 | Low | 689 | 77.8 75.5 - 80.0 | 581 | 66.1 63.4 - 68.8 | 670 | 76.1 73.8 - 78.4 |
| | Medium | 774 | 71.4 68.0 - 74.8 | 681 | 63.8 60.9 - 66.8 | 767 | 71.8 68.7 - 74.9 |
| | High | 536 | 63.4 59.7 - 67.1 | 508 | 61.0 57.5 - 64.4 | 556 | 66.5 63.0 - 69.9 |
| | | | | | | | |
| By Geography | Urban | 1,609 | 69.3 66.8 - 71.9 | 1,443 | 62.9 60.8 - 65.1 | 1,618 | 70.4 68.2 - 72.6 |
| | Rural | 390 | 79.0 74.7 - 83.2 | 327 | 67.2 63.0 - 71.5 | 375 | 77.2 73.1 - 81.2 |

High-risk sexual health behaviours (among students who are currently sexually active)

| | | Inconsistent contraception use (condoms and/or contraception)* | | 3 or more partners in the last 3 months | |
|--------------|-------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Total | | 288 | 14.7 12.6 - 16.8 | 390 | 19.3 17.1 - 21.5 |
| | | | | | |
| By Gender | Male | 132 | 13.0 10.5 - 15.4 | 274 | 26.0 23.0 - 29.0 |
| | Female | 156 | 16.6 13.2 - 20.1 | 116 | 11.9 10.0 - 13.7 |
| | | | | | |
| By Age | 13 or less | 28 | 17.3 12.2 - 22.5 | 67 | 39.4 32.1 - 46.7 |
| | 14 | 58 | 18.3 14.3 - 22.3 | 71 | 21.4 16.5 - 26.2 |
| | 15 | 67 | 14.2 10.9 - 17.5 | 106 | 21.4 18.1 - 24.7 |
| | 16 | 70 | 13.8 10.3 - 17.3 | 82 | 15.8 12.4 - 19.3 |
| | 17 or older | 65 | 13.1 9.7 - 16.6 | 64 | 12.8 9.6 - 16.0 |
| | | | | | |
| By NZDep2006 | Low | 59 | 9.5 7.6 - 11.4 | 111 | 17.3 13.8 - 20.8 |
| | Medium | 107 | 14.8 11.9 - 17.8 | 141 | 18.9 15.7 - 22.2 |
| | High | 117 | 19.8 15.8 - 23.8 | 133 | 21.6 18.3 - 25.0 |
| | | | | | |
| By Geography | Urban | 240 | 15.1 12.8 - 17.5 | 322 | 19.6 17.2 - 21.9 |
| | Rural | 43 | 12.3 9.4 - 15.2 | 63 | 17.7 12.6 - 22.9 |

*Sometimes or never use condoms and/or other contraception



Sexual Attraction

| | | Opposite sex | | Same sex or both sexes | | Not sure or neither | |
|--------------|-------------|--------------|---------------------|------------------------|------------------|---------------------|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| | | | | | | | |
| Total | | 7,370 | 92.2 91.4 - 92.9 | 343 | 4.2 3.7 - 4.8 | 289 | 3.6 3.0 - 4.2 |
| | | | | | | | |
| By Gender | Male | 3,968 | 93.5 92.7 - 94.4 | 165 | 3.9 3.2 - 4.5 | 112 | 2.6 2.0 - 3.2 |
| | Female | 3,402 | 90.6 89.6 - 91.6 | 178 | 4.7 4.0 - 5.3 | 177 | 4.7 3.9 - 5.5 |
| | | | | | | | |
| By Age | 13 or less | 1,424 | 91.6 90.1 - 93.0 | 39 | 2.5 1.7 - 3.2 | 95 | 6.0 4.7 - 7.2 |
| | 14 | 1,703 | 91.9 90.4 - 93.4 | 71 | 3.9 2.8 - 4.9 | 79 | 4.2 3.0 - 5.5 |
| | 15 | 1,605 | 91.7 90.5 - 92.9 | 95 | 5.3 4.2 - 6.5 | 52 | 3.0 2.0 - 4.0 |
| | 16 | 1,467 | 94.0 92.7 - 95.2 | 64 | 4.1 3.0 - 5.2 | 30 | 1.9 1.2 - 2.7 |
| | 17 or older | 1,171 | 91.8 90.1 - 93.4 | 74 | 5.6 4.2 - 7.1 | 33 | 2.6 1.9 - 3.3 |
| | | | | | | | |
| By NZDep2006 | Low | 2,764 | 92.9 91.8 - 94.0 | 130 | 4.3 3.5 - 5.0 | 85 | 2.8 2.2 - 3.5 |
| | Medium | 2,839 | 92.9 91.8 - 94.0 | 128 | 4.1 3.5 - 4.7 | 91 | 2.9 2.1 - 3.8 |
| | High | 1,710 | 89.8 88.2 - 91.3 | 84 | 4.5 3.3 - 5.6 | 110 | 5.8 4.4 - 7.1 |
| | | | | | | | |
| By Geography | Urban | 6,096 | 91.7 90.9 - 92.6 | 295 | 4.4 3.8 - 4.9 | 260 | 3.9 3.2 - 4.6 |
| | Rural | 1,219 | 94.3 92.8 - 95.9 | 47 | 3.6 2.4 - 4.8 | 26 | 2.0 1.3 - 2.8 |

Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Ever had sexual intercourse | | | | | |
| Total | | 2856 | 31.3 29.3 - 33.4 | 2931 | 36.3 33.3 - 39.4 |
| | | | | | |
| By Gender | Male | 1346 | 32.4 29.7 - 35.0 | 1610 | 37.6 34.1 - 41.2 |
| | Female | 1510 | 30.4 28.2 - 32.7 | 1321 | 34.8 31.4 - 38.3 |
| Always use contraception | | | | | |
| Total | | 2016 | 78.7 76.3 - 81.0 | 2013 | 80.5 78.4 - 82.6 |
| | | | | | |
| By Gender | Male | 948 | 80.0 77.7 - 82.3 | 1083 | 81.1 78.6 - 83.5 |
| | Female | 1068 | 77.5 74.2 - 80.8 | 930 | 79.9 76.4 - 83.3 |
| Used a condom the last time they had sexual intercourse (as protection against sexually transmitted disease or infections) | | | | | |
| Total | | 1611 | 63.0 61.1 - 64.9 | 1786 | 63.7 61.6 - 65.7 |
| | | | | | |
| By Gender | Male | 814 | 68.0 65.2 - 70.8 | 1050 | 68.4 65.6 - 71.1 |
| | Female | 797 | 58.5 56.0 - 60.9 | 736 | 57.9 54.8 - 61.0 |
| Sexual attraction - Same sex, both sexes, not sure or neither | | | | | |
| Total | | 703 | 7.9 6.7 - 9.0 | 632 | 7.8 7.0 - 8.6 |
| | | | | | |
| By Gender | Male | 313 | 7.7 6.4 - 9.0 | 277 | 6.5 5.6 - 7.3 |
| | Female | 390 | 8.0 6.6 - 9.3 | 355 | 9.4 8.2 - 10.5 |



Injuries

Injuries and violence account for a large proportion of the total adolescent mortality and morbidity in New Zealand (Craig et al., 2007). Between 2000 and 2004, injury and poisoning accounted for 48% of the total mortality in the 15 to 24 year old group in New Zealand and almost 70% of these deaths were due to motor vehicle accidents. This section reports on behaviours that are targeted in road safety strategies to reduce the risk of motor vehicle crashes, specifically seatbelt use and drinking and driving.

Vehicle Injury Risk Behaviours

| | | Always wear a seatbelt when driving or being driven in a car | | Driven by someone who had been drinking alcohol on one or more occasions during the last month | | Driven by someone dangerously (speeding, car chases, burnouts) on one or more occasions during the last month | | Driven a car after they had drunk more than two glasses of alcohol in the two hours before driving - on one or more occasions during the last month* | |
|--------------|-------------|--|---------------------|--|---------------------|---|---------------------|--|--------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 6,568 | 73.9 72.1 - 75.7 | 2058 | 23.2 22.0 - 24.4 | 2138 | 24.2 22.8 - 25.5 | 348 | 8.1 7.3 - 9.0 |
| By Gender | Male | 3,489 | 72.8 70.2 - 75.3 | 1099 | 23.0 21.5 - 24.6 | 1267 | 26.7 24.9 - 28.5 | 257 | 9.8 8.7 - 11.0 |
| | Female | 3,079 | 75.3 73.3 - 77.2 | 959 | 23.4 21.8 - 25.0 | 871 | 21.2 19.5 - 22.9 | 91 | 5.4 4.4 - 6.5 |
| By Age | 13 or less | 1,316 | 72.6 69.9 - 75.3 | 356 | 19.6 17.6 - 21.7 | 275 | 15.2 13.5 - 16.9 | 30 | 6.3 4.0 - 8.6 |
| | 14 | 1,465 | 71.6 69.2 - 74.0 | 490 | 23.9 21.9 - 26.0 | 438 | 21.4 19.4 - 23.4 | 42 | 6.0 4.2 - 7.7 |
| | 15 | 1,423 | 73.2 70.8 - 75.7 | 464 | 24.0 22.0 - 26.0 | 512 | 26.4 24.2 - 28.7 | 75 | 7.3 5.7 - 9.0 |
| | 16 | 1,261 | 74.1 71.4 - 76.7 | 436 | 25.7 23.3 - 28.2 | 542 | 32.0 29.2 - 34.8 | 100 | 9.0 7.1 - 10.8 |
| | 17 or older | 1,103 | 79.9 77.4 - 82.3 | 312 | 22.6 20.1 - 25.1 | 371 | 27.0 24.6 - 29.4 | 101 | 10.6 8.5 - 12.7 |
| By NZDep2006 | Low | 2,530 | 79.0 77.2 - 80.9 | 1,033 | 32.5 30.7 - 34.3 | 729 | 22.9 21.3 - 24.5 | 109 | 7.0 5.8 - 8.3 |
| | Medium | 2,499 | 74.3 72.2 - 76.3 | 1,080 | 32.2 30.3 - 34.1 | 784 | 23.3 21.4 - 25.2 | 145 | 8.9 7.4 - 10.4 |
| | High | 1,462 | 66.3 63.4 - 69.1 | 758 | 34.2 31.6 - 36.9 | 592 | 27.0 24.7 - 29.2 | 90 | 8.7 7.1 - 10.4 |
| By Geography | Urban | 5,485 | 74.4 72.5 - 76.2 | 2,355 | 32.0 30.6 - 33.4 | 1716 | 23.4 22.0 - 24.7 | 270 | 8.2 7.3 - 9.1 |
| | Rural | 1,006 | 71.9 69.0 - 74.8 | 516 | 37.0 34.5 - 39.4 | 390 | 28.0 25.4 - 30.5 | 74 | 8.0 5.9 - 10.1 |

*Among students who drive a car or other motor vehicles on public roads (e.g. motorbike)



Injuries Requiring Treatment by a Health Provider

Injury requiring treatment from a doctor, nurse or physio in the last 12 months
(Students could choose more than one response option)

| | Total | | By Gender | |
|---|-------|---------------------|---------------------|---------------------|
| | | | Male | Female |
| | n | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | |
| Road traffic crash (including walking, or cycling) | 364 | 7.7 6.8 - 8.7 | 9.5 8.4 - 10.6 | 5.1 4.0 - 6.2 |
| Fall | 1,415 | 29.9 28.1 - 31.8 | 27.9 25.8 - 30.0 | 32.9 30.2 - 35.5 |
| Sport or recreation | 3,187 | 67.4 65.1 - 69.6 | 70.5 68.1 - 72.9 | 63.0 59.7 - 66.3 |
| Assault | 268 | 5.7 4.8 - 6.5 | 6.8 5.6 - 7.9 | 4.1 3.2 - 5.0 |
| Self-harm | 192 | 4.0 3.4 - 4.6 | 3.4 2.7 - 4.2 | 4.9 3.8 - 6.0 |
| Work-related | 267 | 5.7 4.8 - 6.5 | 6.1 4.9 - 7.3 | 5.0 3.9 - 6.1 |
| Other* | 1,136 | 23.9 22.0 - 25.8 | 21.6 19.7 - 23.6 | 27.2 24.6 - 29.8 |

*Includes near-drowning (68 students – non-weighted)



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Always wear a seatbelt when driving or being driven in a car | | | | | |
| Total | | 6183 | 65.6 64.0 - 67.1 | 6568 | 73.9 72.1 - 75.8 |
| By Gender | Male | 2827 | 65.2 62.9 - 67.6 | 3489 | 72.8 70.2 - 75.4 |
| | Female | 3356 | 65.9 64.2 - 67.6 | 3079 | 75.3 73.3 - 77.2 |
| Driven by someone who had been drinking alcohol on one or more occasions during the last month | | | | | |
| Total | | 2648 | 28.2 26.7 - 29.7 | 2058 | 23.2 21.9 - 24.5 |
| By Gender | Male | 1184 | 27.5 25.5 - 29.6 | 1099 | 23.0 21.5 - 24.5 |
| | Female | 1464 | 28.9 27.1 - 30.6 | 959 | 23.5 21.8 - 25.1 |
| Driven by someone dangerously (speeding, car chases, burnouts) on one or more occasions during the last month | | | | | |
| Total | | 3685 | 39.3 37.7 - 41.0 | 2138 | 24.2 22.7 - 25.6 |
| By Gender | Male | 1794 | 41.7 39.3 - 44.1 | 1267 | 26.6 24.8 - 28.4 |
| | Female | 1891 | 37.3 35.7 - 38.9 | 871 | 21.3 19.4 - 23.2 |
| Driven a car after they had drunk more than two glasses of alcohol in the two hours before driving - on one or more occasions during the last month* | | | | | |
| Total | | 606 | 7.9 7.0 - 8.8 | 348 | 8.2 7.3 - 9.1 |
| By Gender | Male | 400 | 10.8 9.6 - 12.1 | 257 | 9.8 8.7 - 10.9 |
| | Female | 206 | 5.2 4.3 - 6.0 | 91 | 5.5 4.4 - 6.6 |

*Among students who drive a car or other motor vehicles on public roads (e.g. motorbike)



Violence

Experiencing violence is common among young people and is associated with a range of poor health outcomes (Fleming et al., 2007). Being a witness, a victim or a perpetrator of violence are all threats to the health and wellbeing of young people in New Zealand. This section reports on the prevalence of violence within the home and in community and school settings, and the severity of this violence.

Sexual abuse is prevalent among young people in New Zealand and is thought to account for up to 13% of mental health problems in adulthood (Fergusson et al., 2008). The last part of this section documents the prevalence and severity of sexual abuse among secondary school students in New Zealand.



Witnessing Violence in the Home

| | | Seen adults in your home yelling or swearing at a child (other than yourself) once or more often in the last 12 months | | Seen adults in your home hitting or physically hurting a child (other than yourself) once or more often in the last 12 months | | Seen adults in your home yelling or swearing at each other once or more often in the last 12 months | | Seen adults in your home hitting or physically hurting each other once or more often in the last 12 months | |
|--------------|-------------|--|---------------------|---|---------------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 3,974 | 45.9 44.5 - 47.3 | 1,439 | 16.6 15.0 - 18.3 | 4,180 | 48.2 46.9 - 49.6 | 901 | 10.4 9.4 - 11.5 |
| | | | | | | | | | |
| By Gender | Male | 2,039 | 43.9 42.4 - 45.4 | 741 | 16.0 13.9 - 18.1 | 2,098 | 45.1 43.6 - 46.7 | 446 | 9.6 8.4 - 10.9 |
| | Female | 1,935 | 48.2 46.3 - 50.2 | 698 | 17.4 15.7 - 19.2 | 2,082 | 51.8 49.8 - 53.8 | 455 | 11.4 10.0 - 12.7 |
| | | | | | | | | | |
| By Age | 13 or less | 790 | 44.6 41.7 - 47.5 | 331 | 18.8 16.2 - 21.4 | 770 | 43.9 41.3 - 46.5 | 225 | 12.9 11.1 - 14.7 |
| | 14 | 990 | 50.1 47.6 - 52.5 | 385 | 19.4 17.0 - 21.8 | 985 | 49.5 47.2 - 51.8 | 222 | 11.1 9.5 - 12.8 |
| | 15 | 901 | 47.5 45.1 - 49.9 | 325 | 17.2 15.2 - 19.1 | 958 | 50.4 48.2 - 52.7 | 199 | 10.4 9.0 - 11.9 |
| | 16 | 740 | 44.5 42.0 - 47.1 | 242 | 14.6 12.2 - 17.0 | 845 | 50.8 48.3 - 53.3 | 153 | 9.3 7.3 - 11.2 |
| | 17 or older | 553 | 41.0 38.1 - 43.8 | 156 | 11.6 9.3 - 13.9 | 622 | 45.8 43.1 - 48.6 | 102 | 7.6 6.0 - 9.2 |
| | | | | | | | | | |
| By NZDep2006 | Low | 1,350 | 43.2 41.7 - 44.8 | 379 | 12.2 10.8 - 13.5 | 1,460 | 46.5 44.9 - 48.1 | 222 | 7.1 6.0 - 8.1 |
| | Medium | 1,519 | 46.0 43.9 - 48.1 | 496 | 15.0 13.7 - 16.3 | 1,579 | 47.9 45.8 - 49.9 | 305 | 9.3 8.3 - 10.4 |
| | High | 1,058 | 49.7 47.1 - 52.3 | 544 | 25.7 22.4 - 28.9 | 1,098 | 51.6 48.8 - 54.4 | 361 | 17.0 15.1 - 18.9 |
| | | | | | | | | | |
| By Geography | Urban | 3,312 | 46.1 44.4 - 47.8 | 1,249 | 17.4 15.6 - 19.2 | 3,477 | 48.3 46.8 - 49.8 | 777 | 10.8 9.6 - 12.0 |
| | Rural | 616 | 44.9 42.0 - 47.7 | 170 | 12.3 9.8 - 14.9 | 662 | 48.3 45.5 - 51.1 | 111 | 8.1 6.2 - 10.0 |

Severity of witnessing violence within the home

| In the last 12 months, how bad has it been for you when adults in your home... | | Not bad | A little bad | Pretty bad | Really bad or terrible |
|--|-------|---------------------|---------------------|---------------------|------------------------|
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| yelled or swore at a child (other than yourself)? | 3,615 | 43.6 41.2 - 45.9 | 31.9 30.3 - 33.5 | 14.2 12.9 - 15.5 | 10.3 9.0 - 11.6 |
| hit or physically hurt a child (other than you)? | 1,270 | 33.3 30.6 - 36.1 | 29.1 26.6 - 31.5 | 16.5 14.9 - 18.2 | 21.1 18.6 - 23.5 |
| yelled or swore at each other? | 3,859 | 35.4 33.2 - 37.5 | 32.3 30.7 - 34.0 | 17.9 16.2 - 19.5 | 14.4 12.9 - 16.0 |
| hit or physically hurt each other? | 802 | 28.5 25.6 - 31.5 | 23.4 20.5 - 26.2 | 16.0 13.6 - 18.4 | 32.1 28.6 - 35.7 |



Physical Violence Behaviours

| | | Hit or physically harmed by another person one or more times in the last 12 months | | Being hit or physically harmed was pretty bad, really bad or terrible* | | Been in a serious physical fight one or more times in the last 12 months | | Carried a weapon (e.g. knife) one or more times in the last 12 months | |
|--------------|-------------|--|---------------------|--|---------------------|--|---------------------|---|-------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 3,630 | 41.1 39.0 - 43.3 | 858 | 23.7 21.9 - 25.5 | 1,742 | 19.7 18.0 - 21.4 | 565 | 6.4 5.7 - 7.1 |
| | | | | | | | | | |
| By Gender | Male | 2,273 | 47.9 45.5 - 50.2 | 415 | 18.3 16.8 - 19.9 | 1,242 | 26.2 24.3 - 28.0 | 445 | 9.4 8.3 - 10.5 |
| | Female | 1,357 | 33.2 31.5 - 35.0 | 443 | 32.8 29.7 - 35.9 | 500 | 12.2 10.8 - 13.5 | 120 | 2.9 2.3 - 3.5 |
| | | | | | | | | | |
| By Age | 13 or less | 772 | 42.9 40.2 - 45.7 | 200 | 25.9 22.8 - 29.0 | 355 | 19.6 17.0 - 22.1 | 89 | 4.8 3.8 - 5.8 |
| | 14 | 928 | 45.9 43.3 - 48.6 | 238 | 25.7 22.3 - 29.2 | 452 | 22.3 20.1 - 24.4 | 144 | 7.2 5.9 - 8.5 |
| | 15 | 854 | 44.1 40.8 - 47.4 | 201 | 23.6 20.5 - 26.7 | 416 | 21.6 19.5 - 23.7 | 155 | 8.0 6.6 - 9.5 |
| | 16 | 657 | 38.8 35.9 - 41.8 | 137 | 21.0 17.4 - 24.5 | 321 | 18.9 16.0 - 21.9 | 106 | 6.2 4.8 - 7.7 |
| | 17 or older | 419 | 30.4 27.1 - 33.8 | 82 | 19.7 15.4 - 23.9 | 198 | 14.4 11.9 - 16.9 | 71 | 5.2 3.8 - 6.5 |
| | | | | | | | | | |
| By NZDep2006 | Low | 1,252 | 39.4 35.9 - 42.8 | 284 | 22.8 20.4 - 25.1 | 485 | 15.2 13.3 - 17.1 | 170 | 5.4 4.5 - 6.2 |
| | Medium | 1,458 | 43.6 40.9 - 46.3 | 319 | 22.0 19.4 - 24.5 | 655 | 19.6 17.8 - 21.4 | 208 | 6.2 5.2 - 7.2 |
| | High | 874 | 39.8 37.6 - 42.1 | 245 | 28.1 24.4 - 31.7 | 572 | 26.0 23.7 - 28.3 | 177 | 8.1 6.8 - 9.4 |
| | | | | | | | | | |
| By Geography | Urban | 2,958 | 40.3 38.0 - 42.7 | 727 | 24.6 22.6 - 26.6 | 1,452 | 19.8 18.0 - 21.6 | 485 | 6.6 5.8 - 7.4 |
| | Rural | 627 | 45.2 41.8 - 48.6 | 121 | 19.5 15.8 - 23.2 | 260 | 18.6 16.3 - 21.0 | 70 | 5.1 3.8 - 6.3 |

*Among those who were hit or physically harmed by another person one or more times in the last 12 months



Bullying Behaviours

Type of violence/ bullying during the last year.

| Someone told lies or spread false rumours about me or tried to make others dislike me | | Someone damaged or tried to damage my personal possessions | | Someone threatened to hurt me | | Someone made sexual jokes, comments or gestures to me | | I had things taken from me | | I was called hurtful names | | | |
|---|-------------|--|---------------------|-------------------------------|---------------------|---|---------------------|----------------------------|---------------------|----------------------------|---------------------|---------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | | |
| Total | | 4,194 | 48.1 46.7 - 49.5 | 2,527 | 29.1 27.4 - 30.7 | 2,885 | 33.1 30.9 - 35.3 | 3,293 | 37.9 36.5 - 39.4 | 3,206 | 36.8 34.7 - 38.9 | 3,578 | 41.2 39.7 - 42.6 |
| | By Gender | Male | 2,100 | 45.0 43.4 - 46.5 | 1,616 | 34.7 33.1 - 36.4 | 1,844 | 39.5 37.3 - 41.7 | 1,764 | 38.0 36.4 - 39.6 | 1,933 | 41.4 39.0 - 43.9 | 1,862 |
| Female | | 2,094 | 51.7 49.7 - 53.8 | 911 | 22.5 20.7 - 24.3 | 1,041 | 25.7 23.4 - 28.0 | 1,529 | 37.9 35.7 - 40.1 | 1,273 | 31.5 29.3 - 33.6 | 1,716 | 42.4 40.6 - 44.2 |
| By Age | 13 or less | 889 | 50.4 48.0 - 52.8 | 588 | 33.5 31.0 - 36.0 | 605 | 34.1 31.3 - 36.8 | 578 | 32.8 29.9 - 35.6 | 764 | 43.0 40.1 - 45.9 | 785 | 44.4 42.0 - 46.8 |
| | 14 | 1,030 | 51.5 48.9 - 54.1 | 641 | 32.2 29.8 - 34.5 | 751 | 37.6 34.8 - 40.5 | 733 | 37.0 34.6 - 39.4 | 833 | 41.9 38.9 - 44.9 | 909 | 45.7 43.3 - 48.1 |
| | 15 | 938 | 49.0 46.3 - 51.7 | 595 | 31.1 28.3 - 34.0 | 683 | 35.7 32.8 - 38.6 | 786 | 41.2 38.6 - 43.8 | 717 | 37.5 34.6 - 40.4 | 812 | 42.6 40.1 - 45.2 |
| | 16 | 801 | 47.7 45.0 - 50.4 | 422 | 25.3 22.6 - 28.0 | 507 | 30.4 27.5 - 33.3 | 685 | 41.1 38.4 - 43.8 | 536 | 32.2 29.2 - 35.1 | 648 | 38.9 36.0 - 41.8 |
| | 17 or older | 536 | 39.3 36.8 - 41.7 | 281 | 20.7 18.1 - 23.2 | 339 | 24.9 21.8 - 28.0 | 511 | 37.6 34.5 - 40.6 | 356 | 26.1 23.2 - 29.1 | 424 | 31.1 28.7 - 33.4 |
| By NZDep2006 | Low | 1,427 | 45.3 43.4 - 47.2 | 835 | 26.6 24.2 - 29.0 | 985 | 31.2 28.7 - 33.8 | 1,220 | 38.8 36.8 - 40.7 | 1,029 | 32.7 30.1 - 35.3 | 1,251 | 39.7 37.6 - 41.8 |
| | Medium | 1,636 | 49.5 47.4 - 51.6 | 967 | 29.4 27.3 - 31.5 | 1,144 | 34.7 31.9 - 37.5 | 1,286 | 39.2 37.4 - 41.1 | 1,219 | 37.0 34.7 - 39.3 | 1,386 | 42.2 39.9 - 44.5 |
| | High | 1,079 | 49.8 47.2 - 52.4 | 692 | 32.0 29.8 - 34.2 | 720 | 33.2 30.1 - 36.3 | 744 | 34.5 31.7 - 37.3 | 916 | 42.3 39.3 - 45.3 | 892 | 41.4 39.3 - 43.5 |
| By Geography | Urban | 3,468 | 47.8 46.3 - 49.3 | 2,122 | 29.4 27.6 - 31.1 | 2,363 | 32.6 30.3 - 34.9 | 2,700 | 37.4 35.8 - 39.0 | 2,654 | 36.7 34.4 - 39.0 | 2,921 | 40.4 38.9 - 41.9 |
| | Rural | 674 | 49.1 45.6 - 52.7 | 372 | 27.2 24.4 - 30.1 | 487 | 35.5 32.0 - 39.1 | 551 | 40.4 37.4 - 43.4 | 512 | 37.4 34.0 - 40.7 | 609 | 44.6 41.5 - 47.6 |

Where did the violence/bullying happen?

| | Someone told lies or spread false rumours about me or tried to make others dislike me | | Someone damaged or tried to damage my personal possessions | | Someone threatened to hurt me | | Someone made sexual jokes, comments or gestures to me | | I had things taken from me | | I was called hurtful names | |
|-----------------------|---|---------------------|--|---------------------|-------------------------------|---------------------|---|---------------------|----------------------------|---------------------|----------------------------|---------------------|
| | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Home | 173 | 4.2 3.6 - 4.7 | 615 | 24.5 22.1 - 26.9 | 552 | 19.2 17.2 - 21.2 | 144 | 4.5 3.7 - 5.4 | 630 | 19.8 17.7 - 21.9 | 475 | 13.4 11.7 - 15.1 |
| School | 3,770 | 91.0 90.0 - 92.0 | 1,653 | 66.1 63.5 - 68.6 | 1,831 | 63.9 61.3 - 66.5 | 2,535 | 79.6 76.5 - 82.7 | 2,336 | 73.7 71.4 - 76.1 | 2,839 | 80.1 77.9 - 82.3 |
| Workplace / Community | 201 | 4.8 4.0 - 5.6 | 240 | 9.5 8.0 - 10.9 | 485 | 16.9 14.9 - 18.8 | 507 | 15.8 13.0 - 18.7 | 206 | 6.5 5.5 - 7.4 | 232 | 6.5 5.3 - 7.6 |

Type of cyber-bullying during the last year.

| | | I was sent nasty or threatening messages by cell phone or internet | | I was sent unwanted sexual stuff (including pornographic pictures, videos or words) | |
|--------------|-------------|--|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Total | | 1,665 | 19.1 17.9 - 20.3 | 1,144 | 13.1 12.4 - 13.9 |
| By Gender | Male | 688 | 14.9 13.8 - 15.9 | 574 | 12.3 11.2 - 13.4 |
| | Female | 961 | 23.7 22.1 - 25.2 | 570 | 14.1 13.1 - 15.2 |
| By Age | 13 or less | 285 | 16.2 14.1 - 18.2 | 214 | 12.1 10.4 - 13.7 |
| | 14 | 383 | 19.2 17.2 - 21.3 | 279 | 14.0 12.4 - 15.6 |
| | 15 | 411 | 21.6 19.4 - 23.7 | 257 | 13.5 12.0 - 15.0 |
| | 16 | 339 | 20.3 18.1 - 22.5 | 220 | 13.2 11.5 - 14.9 |
| | 17 or older | 231 | 16.9 14.7 - 19.0 | 174 | 12.7 10.9 - 14.5 |
| By NZDep2006 | Low | 549 | 17.4 16.0 - 18.9 | 382 | 12.1 10.9 - 13.4 |
| | Medium | 646 | 19.6 18.0 - 21.3 | 432 | 13.1 11.8 - 14.4 |
| | High | 436 | 20.2 18.0 - 22.4 | 312 | 14.5 12.7 - 16.2 |
| By Geography | Urban | 1,358 | 18.7 17.5 - 20.0 | 988 | 13.6 12.9 - 14.4 |
| | Rural | 273 | 20.2 17.4 - 22.9 | 138 | 10.2 8.4 - 12.0 |



How was the cyber-bullying carried out?

| | I was sent nasty or threatening messages by cell phone or internet | | I was sent unwanted sexual stuff (including pornographic pictures, videos or words) | |
|------------------|--|---------------------|---|---------------------|
| | n | % (95% CI) | n | % (95% CI) |
| Mobile phone | 1,178 | 71.6 68.5 - 74.6 | 592 | 52.0 47.3 - 56.7 |
| Internet | 390 | 23.5 20.6 - 26.4 | 505 | 43.9 39.0 - 48.8 |
| Letters or notes | 81 | 4.9 3.8 - 6.1 | 47 | 4.1 2.9 - 5.3 |

Sexual Abuse

| | | Ever been touched in a sexual way or made to do sexual things not wanted | | One or more episodes in the last 12 months of being touched in a sexual way or made to do sexual things not wanted* | | Last time sexual abuse happened it was pretty bad, really bad or terrible (AMONG EPISODES OCCURRING IN THE LAST 12 MONTHS) | | Haven't told anyone about the sexual abuse (AMONG ANY OCCURRENCE) | |
|--------------|-------------|--|---------------------|---|-------------------|--|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 904 | 12.1 10.8 - 13.4 | 475 | 5.9 5.1 - 6.7 | 159 | 33.6 29.9 - 37.2 | 524 | 60.1 56.5 - 63.7 |
| By Gender | | | | | | | | | |
| | Male | 216 | 5.4 4.5 - 6.3 | 104 | 2.4 1.9 - 3.0 | 34 | 33.1 24.8 - 41.4 | 138 | 70.5 63.4 - 77.7 |
| | Female | 688 | 19.9 18.5 - 21.3 | 371 | 9.9 8.8 - 11.0 | 125 | 33.7 29.4 - 38.0 | 386 | 57.1 53.0 - 61.1 |
| By Age | | | | | | | | | |
| | 13 or less | 149 | 10.3 8.4 - 12.1 | 83 | 5.3 4.0 - 6.5 | 27 | 32.7 22.1 - 43.2 | 97 | 68.1 61.0 - 75.2 |
| | 14 | 188 | 11.0 9.1 - 12.9 | 113 | 6.2 5.0 - 7.3 | 41 | 35.7 27.9 - 43.6 | 113 | 62.5 56.0 - 69.0 |
| | 15 | 226 | 13.7 11.5 - 16.0 | 124 | 7.1 5.6 - 8.6 | 45 | 36.8 28.9 - 44.7 | 125 | 57.7 51.0 - 64.3 |
| | 16 | 189 | 12.9 10.6 - 15.2 | 94 | 6.0 4.6 - 7.4 | 30 | 32.6 24.2 - 41.1 | 110 | 59.4 51.5 - 67.3 |
| | 17 or older | 152 | 12.5 10.5 - 14.5 | 61 | 4.8 3.5 - 6.0 | 16 | 25.6 13.6 - 37.5 | 79 | 53.9 44.3 - 63.6 |
| By NZDep2006 | | | | | | | | | |
| | Low | 273 | 9.8 8.4 - 11.2 | 148 | 5.0 4.0 - 6.0 | 54 | 36.6 28.3 - 44.9 | 171 | 64.5 58.8 - 70.3 |
| | Medium | 346 | 12.0 10.3 - 13.7 | 175 | 5.7 4.7 - 6.7 | 51 | 29.1 23.1 - 35.2 | 193 | 57.1 51.3 - 62.9 |
| | High | 278 | 15.9 13.9 - 17.9 | 150 | 7.9 6.4 - 9.4 | 54 | 36.2 29.2 - 43.3 | 156 | 59.5 51.5 - 67.6 |
| By Geography | | | | | | | | | |
| | Urban | 761 | 12.3 10.8 - 13.7 | 408 | 6.1 5.3 - 7.0 | 138 | 33.9 30.0 - 37.8 | 443 | 60.7 56.8 - 64.6 |
| | Rural | 136 | 11.2 9.5 - 12.9 | 65 | 5.0 3.7 - 6.3 | 21 | 32.7 21.7 - 43.7 | 77 | 57.1 48.3 - 65.9 |

*462 students indicated 'not sure' and were excluded from these figures.



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Witnessed adults at home hitting or physically hurting each other - once or more often in the last 12 months * | | | | | |
| Total | | 497 | 5.6 4.8 - 6.4 | 901 | 10.4 9.3 - 11.5 |
| By Gender | Male | 188 | 4.7 3.8 - 5.6 | 446 | 9.6 8.4 - 10.8 |
| | Female | 309 | 6.4 5.3 - 7.5 | 455 | 11.4 9.9 - 12.8 |
| Witnessed adults at home hitting or physically hurting a child (other than yourself) - once or more often in the last 12 months* | | | | | |
| Total | | 1431 | 16.0 14.8 - 17.2 | 1439 | 16.7 15.0 - 18.3 |
| By Gender | Male | 605 | 14.9 13.5 - 16.3 | 741 | 16.0 13.9 - 18.1 |
| | Female | 826 | 16.9 15.3 - 18.6 | 698 | 17.5 15.6 - 19.4 |
| Hit or physically harmed by another person one or more times in the last 12 months | | | | | |
| Total | | 4127 | 45.0 43.1 - 47.0 | 3630 | 41.2 38.9 - 43.4 |
| By Gender | Male | 2137 | 51.4 48.9 - 53.9 | 2273 | 47.9 45.5 - 50.2 |
| | Female | 1990 | 39.7 38.0 - 41.5 | 1357 | 33.3 31.5 - 35.2 |
| Been in a serious physical fight one or more times in the last 12 months | | | | | |
| Total | | 1886 | 20.7 19.2 - 22.3 | 1742 | 19.7 18.0 - 21.5 |
| By Gender | Male | 1160 | 28.1 26.2 - 30.1 | 1242 | 26.2 24.3 - 28.0 |
| | Female | 726 | 14.6 13.1 - 16.1 | 500 | 12.3 10.8 - 13.7 |
| Carried a weapon (e.g. knife) one or more times in the last 12 months | | | | | |
| Total | | 526 | 5.8 5.1 - 6.4 | 565 | 6.4 5.7 - 7.1 |
| By Gender | Male | 352 | 8.5 7.5 - 9.6 | 445 | 9.4 8.3 - 10.5 |
| | Female | 174 | 3.5 2.9 - 4.1 | 120 | 2.9 2.3 - 3.6 |
| Ever been touched in a sexual way or made to do sexual things not wanted | | | | | |
| Total | | 1550 | 18.3 17.1 - 19.5 | 904 | 12.1 10.8 - 13.4 |
| By Gender | Male | 455 | 12.0 10.7 - 13.3 | 216 | 5.4 4.5 - 6.3 |
| | Female | 1095 | 23.7 22.1 - 25.3 | 688 | 19.9 18.5 - 21.3 |

*Response options changed from 2001 and 2007: 2001 (once or twice, three or more times) 2007 (once or twice, about once or twice a month, about once or twice a week, most days)

Neighbourhood and Spirituality

Neighbourhoods and communities are important contexts for healthy youth development. Young people need to be able to fully participate and contribute in their communities. This includes employment, volunteering and socialising with friends,

Churches, mosques, temples and other places of worship are also important for many young people and can provide a place to celebrate spiritual beliefs and of belonging to a group or community of similar faith (Eckersley, 2007).



Employment

In the last year, have you worked for money or had a paid job (not including helping around your own home)?

(Students could choose more than one response option)

| | | Regular part-time job | | Occasional work during school term | | School holiday job | |
|---------------------|-------------|-----------------------|---------------------|------------------------------------|---------------------|--------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| | | | | | | | |
| Total | | 3,324 | 38.9 36.3 - 41.4 | 1,225 | 14.3 13.3 - 15.3 | 2,291 | 26.8 24.8 - 28.8 |
| | | | | | | | |
| By Gender | Male | 1,732 | 37.8 34.7 - 41.0 | 670 | 14.6 13.3 - 16.0 | 1,387 | 30.3 27.8 - 32.8 |
| | Female | 1,592 | 40.1 36.9 - 43.2 | 555 | 13.9 12.7 - 15.2 | 904 | 22.8 20.5 - 25.0 |
| | | | | | | | |
| By Age | 13 or less | 414 | 24.0 21.1 - 26.9 | 198 | 11.5 10.0 - 13.1 | 333 | 19.3 17.0 - 21.7 |
| | 14 | 612 | 30.9 27.7 - 34.1 | 306 | 15.4 13.4 - 17.4 | 465 | 23.5 21.0 - 26.0 |
| | 15 | 716 | 38.3 34.6 - 42.0 | 288 | 15.5 13.6 - 17.3 | 511 | 27.4 24.7 - 30.1 |
| | 16 | 822 | 50.0 45.8 - 54.2 | 238 | 14.5 12.7 - 16.2 | 533 | 32.6 29.3 - 35.9 |
| | 17 or older | 760 | 56.4 51.9 - 60.8 | 195 | 14.4 12.4 - 16.4 | 449 | 33.3 29.4 - 37.2 |
| | | | | | | | |
| By NZDep2006 | Low | 1,238 | 39.7 36.2 - 43.1 | 500 | 16.0 14.6 - 17.4 | 892 | 28.7 25.7 - 31.6 |
| | Medium | 1,314 | 40.2 37.2 - 43.2 | 463 | 14.1 12.9 - 15.3 | 866 | 26.4 23.9 - 29.0 |
| | High | 741 | 35.4 32.0 - 38.8 | 255 | 12.2 10.3 - 14.0 | 517 | 24.8 21.9 - 27.7 |
| | | | | | | | |
| By Geography | Urban | 2,787 | 39.2 36.3 - 42.0 | 986 | 13.9 12.8 - 14.9 | 1,707 | 24.0 22.4 - 25.7 |
| | Rural | 507 | 37.1 33.9 - 40.3 | 232 | 16.9 14.8 - 19.0 | 568 | 41.7 37.9 - 45.5 |

Employment characteristics

(among students with a regular part-time job)

| | | Employment is usually less than 10 hours per week | | Employment is usually more than 20 hours per week | | Earns more than \$100 dollars per week | | Injured at work in the last year | | Worked between 7:00pm and 9:00am on a school night* in the last week** | |
|---------------------|-------------|---|---------------------|---|--------------------|--|---------------------|----------------------------------|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 2,225 | 67.6 65.6 - 69.7 | 201 | 6.1 5.0 - 7.1 | 984 | 30.6 28.5 - 32.8 | 625 | 18.9 17.3 - 20.6 | 1,013 | 30.5 28.7 - 32.2 |
| By Gender | | | | | | | | | | | |
| | Male | 1,148 | 67.2 64.3 - 70.0 | 137 | 8.0 6.4 - 9.6 | 584 | 35.0 32.2 - 37.8 | 349 | 20.4 17.7 - 23.0 | 520 | 30.0 28.1 - 32.0 |
| | Female | 1,077 | 68.2 65.7 - 70.7 | 64 | 4.0 2.9 - 5.1 | 400 | 25.9 23.2 - 28.6 | 276 | 17.3 15.4 - 19.2 | 493 | 31.0 28.4 - 33.5 |
| By Age | | | | | | | | | | | |
| | 13 or less | 369 | 89.7 86.1 - 93.3 | 14 | 3.5 1.7 - 5.2 | 54 | 13.7 10.2 - 17.1 | 75 | 18.1 13.9 - 22.3 | 72 | 17.4 13.6 - 21.3 |
| | 14 | 489 | 81.3 77.1 - 85.4 | 24 | 3.9 2.3 - 5.5 | 119 | 20.2 16.5 - 23.9 | 110 | 18.1 14.6 - 21.7 | 144 | 23.5 19.6 - 27.4 |
| | 15 | 491 | 69.2 65.8 - 72.6 | 47 | 6.6 4.9 - 8.3 | 207 | 29.7 26.1 - 33.4 | 148 | 20.8 17.6 - 24.1 | 213 | 29.7 25.8 - 33.7 |
| | 16 | 466 | 57.4 53.2 - 61.6 | 59 | 7.1 5.2 - 9.1 | 294 | 37.0 32.6 - 41.4 | 173 | 21.2 18.3 - 24.2 | 297 | 36.1 32.3 - 39.9 |
| | 17 or older | 410 | 54.5 50.5 - 58.6 | 57 | 7.6 5.2 - 10.0 | 310 | 42.0 38.6 - 45.5 | 119 | 15.7 12.6 - 18.8 | 287 | 37.7 34.0 - 41.4 |
| By NZDep2006 | | | | | | | | | | | |
| | Low | 844 | 68.9 65.8 - 72.0 | 54 | 4.4 3.1 - 5.7 | 323 | 27.0 24.2 - 29.7 | 221 | 17.9 15.8 - 20.0 | 388 | 31.3 29.0 - 33.7 |
| | Medium | 895 | 68.6 65.6 - 71.6 | 64 | 4.9 3.6 - 6.1 | 371 | 29.1 26.5 - 31.8 | 243 | 18.7 16.2 - 21.2 | 390 | 29.6 27.0 - 32.2 |
| | High | 463 | 63.5 60.2 - 66.7 | 81 | 11.1 9.1 - 13.1 | 284 | 40.0 35.6 - 44.3 | 150 | 20.3 17.4 - 23.1 | 229 | 31.1 27.5 - 34.7 |
| By Geography | | | | | | | | | | | |
| | Urban | 1,886 | 68.3 66.2 - 70.4 | 153 | 5.5 4.5 - 6.6 | 796 | 29.5 27.2 - 31.8 | 523 | 18.9 17.2 - 20.5 | 859 | 30.8 28.9 - 32.7 |
| | Rural | 317 | 63.7 58.6 - 68.7 | 46 | 9.2 6.3 - 12.1 | 182 | 37.7 33.0 - 42.4 | 91 | 18.0 14.1 - 21.9 | 148 | 29.2 24.7 - 33.7 |

*Sunday, Monday, Tuesday, Wednesday, Thursday

**Among students who worked in the last week (and had a regular part-time job)



Type of work done by students who were in paid employment in the last year
(Students could answer more than one response option)

| | n | % (95% CI) | | n | % (95% CI) |
|--|-------|---------------------|---|-------|---------------------|
| babysitting or looking after children | 1,254 | 23.6 21.6 - 25.5 | working in a kitchen preparing food | 442 | 8.3 7.5 - 9.2 |
| outside work like gardening, lawn-mowing, picking fruit or labouring | 1,114 | 21.0 18.8 - 23.3 | selling door-to-door | 82 | 1.6 1.3 - 1.9 |
| working in a shop, petrol station or supermarket | 1,161 | 21.9 20.6 - 23.3 | working inside, like painting or odd-jobs | 363 | 6.9 6.1 - 7.7 |
| working in a restaurant, fast-food or takeaway place | 822 | 15.5 14.0 - 17.0 | care-giving (e.g. nurse aiding or looking after adults) | 74 | 1.4 1.1 - 1.7 |
| cleaning | 917 | 17.3 16.0 - 18.6 | other | 2,214 | 41.9 40.1 - 43.6 |



Friends, Neighbourhood and Community

Relationships with Friends

| | | Have a group of friends they hang out with | | Have a friend or friends they can talk to about anything | | Have fun with friends all of the time or sometimes | | Have friends who help and look out for them all of the time or sometimes | | Friends care a lot about them | |
|---------------------|-------------|--|---------------------|--|---------------------|--|---------------------|--|---------------------|-------------------------------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 8,196 | 96.7 96.2 - 97.1 | 7,550 | 89.3 88.3 - 90.2 | 8,265 | 98.7 98.5 - 98.9 | 8,049 | 96.4 95.9 - 96.8 | 5307 | 71.7 69.7 - 73.8 |
| By Gender | Male | 4,353 | 96.0 95.4 - 96.7 | 3,839 | 85.0 83.8 - 86.1 | 4,376 | 98.4 98.1 - 98.7 | 4,217 | 95.1 94.5 - 95.7 | 2330 | 61.3 59.4 - 63.1 |
| | Female | 3,843 | 97.4 96.8 - 97.9 | 3,711 | 94.2 93.4 - 95.0 | 3,889 | 99.1 98.8 - 99.4 | 3,832 | 97.8 97.3 - 98.3 | 2977 | 82.9 81.4 - 84.3 |
| By Age | 13 or less | 1,668 | 96.6 95.6 - 97.7 | 1,507 | 88.0 86.4 - 89.7 | 1,670 | 98.7 98.1 - 99.2 | 1,624 | 96.2 95.2 - 97.1 | 950 | 68.1 64.7 - 71.6 |
| | 14 | 1,884 | 96.4 95.7 - 97.2 | 1,707 | 87.6 85.6 - 89.6 | 1,895 | 98.5 98.0 - 99.0 | 1,834 | 95.5 94.8 - 96.3 | 1175 | 69.4 66.4 - 72.4 |
| | 15 | 1,786 | 97.0 96.2 - 97.8 | 1,634 | 88.8 87.1 - 90.5 | 1,792 | 98.6 98.0 - 99.1 | 1,736 | 95.8 94.8 - 96.7 | 1134 | 70.9 68.1 - 73.8 |
| | 16 | 1,579 | 97.3 96.6 - 98.1 | 1,477 | 91.1 89.7 - 92.5 | 1,601 | 99.4 99.0 - 99.8 | 1,568 | 97.4 96.6 - 98.2 | 1108 | 75.3 72.3 - 78.2 |
| | 17 or older | 1,279 | 95.7 94.6 - 96.8 | 1,225 | 91.7 90.2 - 93.2 | 1,307 | 98.5 97.9 - 99.1 | 1,287 | 97.2 96.3 - 98.1 | 940 | 75.9 72.8 - 79.0 |
| By NZDep2006 | Low | 3,018 | 97.2 96.5 - 97.8 | 2,761 | 89.0 87.8 - 90.2 | 3,051 | 99.0 98.6 - 99.4 | 2,974 | 96.7 96.0 - 97.4 | 2047 | 73.7 71.3 - 76.1 |
| | Medium | 3,131 | 96.8 96.1 - 97.5 | 2,879 | 89.3 87.9 - 90.8 | 3,161 | 98.8 98.4 - 99.1 | 3,071 | 96.1 95.1 - 97.0 | 1971 | 70.3 67.3 - 73.2 |
| | High | 1,977 | 95.7 94.8 - 96.6 | 1,844 | 89.6 87.8 - 91.5 | 1,984 | 98.2 97.6 - 98.8 | 1,936 | 96.2 95.4 - 97.0 | 1245 | 71.1 68.8 - 73.4 |
| By Geography | Urban | 6,806 | 96.5 96.1 - 97.0 | 6,262 | 89.1 88.0 - 90.1 | 6,868 | 98.6 98.4 - 98.9 | 6,681 | 96.2 95.7 - 96.7 | 4404 | 71.7 69.4 - 74.1 |
| | Rural | 1,322 | 97.4 96.3 - 98.4 | 1,223 | 90.4 89.1 - 91.7 | 1,330 | 99.1 98.6 - 99.6 | 1,302 | 97.1 96.4 - 97.8 | 860 | 71.9 68.6 - 75.2 |



Participation in their Community

| | | Have helped others in their community in the last 12 months | | Belongs to a church group | | Belongs to a sports team in their community | | Belongs to a cultural group in their community | | Belongs to a volunteer group in their community (e.g. Greenpeace, Youthline)* | |
|---------------------|-------------|---|---------------------|---------------------------|---------------------|---|---------------------|--|--------------------|---|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 1,181 | 14.2 13.1 - 15.2 | 1,614 | 19.4 17.0 - 21.9 | 3,006 | 36.3 34.5 - 38.2 | 561 | 6.8 5.6 - 8.0 | 314 | 3.8 3.4 - 4.2 |
| By Gender | Male | 575 | 13.0 11.8 - 14.2 | 770 | 17.5 14.8 - 20.1 | 1,810 | 41.2 39.4 - 42.9 | 253 | 5.8 4.7 - 6.9 | 143 | 3.3 2.8 - 3.7 |
| | Female | 606 | 15.5 14.0 - 17.0 | 844 | 21.7 18.8 - 24.6 | 1,196 | 30.8 28.3 - 33.3 | 308 | 8.0 6.4 - 9.6 | 171 | 4.4 3.7 - 5.0 |
| By Age | 13 or less | 193 | 11.4 10.0 - 12.7 | 317 | 18.8 16.0 - 21.6 | 656 | 39.6 36.8 - 42.4 | 128 | 7.7 5.7 - 9.6 | 45 | 2.7 1.9 - 3.6 |
| | 14 | 225 | 11.8 10.1 - 13.6 | 351 | 18.4 15.4 - 21.4 | 708 | 37.4 34.8 - 40.1 | 125 | 6.7 5.0 - 8.4 | 53 | 2.8 2.1 - 3.5 |
| | 15 | 243 | 13.5 11.4 - 15.5 | 365 | 20.2 17.0 - 23.5 | 649 | 36.0 33.3 - 38.8 | 104 | 5.8 4.5 - 7.1 | 66 | 3.7 2.7 - 4.7 |
| | 16 | 254 | 15.8 14.1 - 17.5 | 323 | 20.3 17.0 - 23.6 | 563 | 35.3 32.6 - 38.0 | 114 | 7.2 5.3 - 9.0 | 78 | 4.8 3.7 - 5.9 |
| | 17 or older | 266 | 19.9 17.4 - 22.4 | 258 | 19.5 16.2 - 22.8 | 430 | 32.4 28.3 - 36.6 | 90 | 6.8 5.2 - 8.4 | 72 | 5.4 4.2 - 6.6 |
| By NZDep2006 | Low | 393 | 12.7 11.2 - 14.3 | 514 | 16.6 13.6 - 19.6 | 1,225 | 40.1 37.9 - 42.4 | 124 | 4.1 3.4 - 4.7 | 114 | 3.7 2.9 - 4.4 |
| | Medium | 459 | 14.5 13.0 - 15.9 | 597 | 18.8 16.2 - 21.5 | 1,149 | 36.3 34.0 - 38.6 | 194 | 6.2 4.7 - 7.7 | 112 | 3.6 3.0 - 4.2 |
| | High | 318 | 15.8 14.4 - 17.3 | 488 | 24.7 20.1 - 29.3 | 610 | 30.6 27.8 - 33.3 | 237 | 12.0 9.9 - 14.1 | 85 | 4.3 3.5 - 5.1 |
| By Geography | Urban | 974 | 14.1 13.0 - 15.1 | 1,451 | 21.0 18.4 - 23.6 | 2,452 | 35.6 33.6 - 37.7 | 515 | 7.5 6.2 - 8.8 | 281 | 4.1 3.6 - 4.5 |
| | Rural | 197 | 14.7 12.5 - 17.0 | 148 | 11.1 8.8 - 13.4 | 532 | 40.1 37.1 - 43.2 | 40 | 3.0 2.2 - 3.9 | 31 | 2.3 1.5 - 3.2 |

*Includes environmental organisations, volunteer groups who help people with disabilities and volunteer groups involved with young people



Problem Behaviours in the Community

| | | Painted graffiti or tagged someone else's property in the last year | | Been in trouble with the police in the last year | | Broken into someone else's place to steal something in the last year | |
|---------------------|-------------|---|---------------------|--|---------------------|--|------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 786 | 9.5 8.5 - 10.6 | 986 | 11.9 10.7 - 13.1 | 255 | 3.1 2.6 - 3.6 |
| By Gender | | | | | | | |
| | Male | 521 | 12.0 10.4 - 13.5 | 645 | 14.8 13.3 - 16.2 | 187 | 4.3 3.6 - 5.0 |
| | Female | 265 | 6.8 5.8 - 7.8 | 341 | 8.8 7.6 - 10.0 | 68 | 1.7 1.2 - 2.3 |
| By Age | | | | | | | |
| | 13 or less | 156 | 9.4 7.4 - 11.3 | 163 | 9.7 7.9 - 11.5 | 64 | 3.9 2.9 - 4.9 |
| | 14 | 226 | 12.0 10.2 - 13.9 | 224 | 11.9 10.2 - 13.7 | 68 | 3.6 2.7 - 4.5 |
| | 15 | 200 | 11.1 9.2 - 12.9 | 258 | 14.3 12.5 - 16.1 | 62 | 3.4 2.5 - 4.4 |
| | 16 | 131 | 8.3 6.7 - 9.8 | 209 | 13.1 10.9 - 15.3 | 41 | 2.6 1.8 - 3.4 |
| | 17 or older | 73 | 5.5 4.1 - 7.0 | 132 | 10.0 7.8 - 12.2 | 20 | 1.5 0.8 - 2.2 |
| By NZDep2006 | | | | | | | |
| | Low | 210 | 6.9 5.8 - 8.0 | 293 | 9.6 8.2 - 11.0 | 60 | 2.0 1.5 - 2.4 |
| | Medium | 282 | 8.9 7.7 - 10.1 | 388 | 12.2 10.5 - 13.9 | 93 | 3.0 2.3 - 3.6 |
| | High | 287 | 14.6 12.5 - 16.7 | 298 | 15.2 13.3 - 17.1 | 99 | 5.0 4.0 - 6.1 |
| By Geography | | | | | | | |
| | Urban | 689 | 10.0 8.8 - 11.2 | 825 | 12.0 10.7 - 13.3 | 216 | 3.2 2.6 - 3.7 |
| | Rural | 90 | 6.9 5.5 - 8.3 | 154 | 11.7 9.9 - 13.4 | 36 | 2.7 1.9 - 3.6 |



Reasons for being in trouble with police

(Students could answer more than one response option)

| Among students who had been in trouble with the police in the last year n = 986 | n | % (95% CI) |
|--|-----|---------------------|
| taking a car | 95 | 9.7 7.6 - 11.8 |
| stealing | 206 | 21.2 17.9 - 24.4 |
| tagging | 187 | 19.2 16.0 - 22.4 |
| fighting | 266 | 27.2 24.0 - 30.5 |
| something to do with driving | 281 | 29.0 26.0 - 32.0 |
| something to do with drugs | 148 | 15.3 12.5 - 18.0 |
| damaging property | 202 | 20.6 17.6 - 23.6 |
| being in a gang | 121 | 12.4 9.9 - 14.9 |
| running away from home | 102 | 10.5 8.4 - 12.5 |

How did the police treat students

| Among students who had been in trouble with the police in the last year n = 986 | n | % (95% CI) |
|--|-----|---------------------|
| mostly good | 434 | 44.5 40.8 - 48.3 |
| neither good nor bad | 295 | 30.3 27.3 - 33.2 |
| mostly bad | 246 | 25.2 21.8 - 28.6 |



Community and Neighbourhood Support

| | | Trust people in their neighbourhood (sometimes, all the time) | | Like their neighbourhood (sometimes, all the time) | | Have an adult outside of their family they would feel okay talking to about a serious problem | | Feels safe in their neighbourhood most or all of the time | |
|---------------------|-------------|--|---------------------|---|---------------------|---|---------------------|---|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 6,827 | 82.8 81.5 - 84.1 | 7,171 | 87.2 86.4 - 88.1 | 4,532 | 54.6 52.9 - 56.4 | 6740 | 81.1 79.5 - 82.8 |
| By Gender | | | | | | | | | |
| | Male | 3,632 | 83.1 81.6 - 84.7 | 3,789 | 87.2 86.1 - 88.2 | 2,300 | 52.3 50.3 - 54.3 | 3690 | 83.4 81.8 - 85.0 |
| | Female | 3,195 | 82.4 80.7 - 84.1 | 3,382 | 87.3 86.2 - 88.5 | 2,232 | 57.3 55.1 - 59.5 | 3050 | 78.6 76.3 - 80.9 |
| By Age | | | | | | | | | |
| | 13 or less | 1,349 | 81.3 79.5 - 83.2 | 1,455 | 88.4 86.7 - 90.1 | 841 | 50.4 47.4 - 53.5 | 1320 | 79.4 77.0 - 81.8 |
| | 14 | 1,579 | 83.9 82.0 - 85.7 | 1,646 | 87.7 86.0 - 89.4 | 970 | 51.1 48.5 - 53.6 | 1535 | 80.3 78.2 - 82.5 |
| | 15 | 1,468 | 81.8 79.8 - 83.9 | 1,537 | 85.9 84.1 - 87.6 | 949 | 52.6 49.9 - 55.2 | 1433 | 79.2 77.0 - 81.5 |
| | 16 | 1,327 | 83.4 81.4 - 85.3 | 1,388 | 87.4 85.7 - 89.2 | 966 | 60.5 57.3 - 63.7 | 1321 | 82.7 80.3 - 85.1 |
| | 17 or older | 1,104 | 83.6 81.1 - 86.1 | 1,145 | 86.8 84.8 - 88.8 | 806 | 60.6 56.7 - 64.4 | 1131 | 85.2 83.2 - 87.2 |
| By NZDep2006 | | | | | | | | | |
| | Low | 2,739 | 89.5 88.3 - 90.8 | 2,790 | 91.4 90.3 - 92.6 | 1,667 | 54.2 51.9 - 56.5 | 2731 | 88.9 87.3 - 90.6 |
| | Medium | 2,623 | 83.4 81.8 - 85.1 | 2,736 | 87.1 85.9 - 88.3 | 1,770 | 55.9 53.5 - 58.3 | 2588 | 81.6 79.6 - 83.7 |
| | High | 1,407 | 71.2 68.7 - 73.6 | 1,585 | 80.9 78.5 - 83.2 | 1,058 | 53.4 51.0 - 55.8 | 1359 | 68.0 65.3 - 70.8 |
| By Geography | | | | | | | | | |
| | Urban | 5,592 | 81.5 80.2 - 82.8 | 5,914 | 86.5 85.6 - 87.3 | 3,693 | 53.6 51.6 - 55.6 | 5476 | 79.3 77.5 - 81.1 |
| | Rural | 1,179 | 89.7 87.6 - 91.9 | 1,199 | 91.3 89.7 - 93.0 | 803 | 60.1 57.8 - 62.3 | 1204 | 90.3 88.5 - 92.1 |



Neighbourhood Facilities

Neighbourhood facilities (students could choose more than one response option)

| What things are there to do in the area where you live that you can walk to from home? | Total | | By Gender | | By NZDep2006 | | | By Geography | |
|--|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Male | Female | Low | Medium | High | Urban | Rural |
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| | | | | | | | | | |
| a park | 5,932 | 72.2 68.9 - 75.5 | 71.0 67.0 - 74.9 | 73.6 70.0 - 77.2 | 68.3 63.5 - 73.0 | 71.9 67.6 - 76.1 | 79.3 76.3 - 82.3 | 81.0 79.4 - 82.6 | 26.0 22.1 - 29.9 |
| a youth centre | 853 | 10.3 9.1 - 11.6 | 10.6 9.1 - 12.1 | 10.0 8.5 - 11.5 | 7.4 6.0 - 8.8 | 10.0 8.4 - 11.6 | 15.3 12.9 - 17.7 | 11.8 10.5 - 13.1 | 2.3 1.4 - 3.2 |
| the movies | 1,997 | 24.3 19.8 - 28.8 | 26.6 20.6 - 32.6 | 21.7 18.0 - 25.5 | 22.9 17.2 - 28.6 | 25.4 20.2 - 30.6 | 25.0 20.2 - 29.9 | 27.9 23.0 - 32.8 | 5.6 3.5 - 7.6 |
| a skateboard ramp | 1,964 | 23.9 21.4 - 26.3 | 24.6 22.1 - 27.0 | 23.1 20.1 - 26.0 | 20.9 17.8 - 24.0 | 23.8 20.8 - 26.9 | 28.4 24.3 - 32.5 | 26.6 23.4 - 29.7 | 9.2 6.7 - 11.8 |
| a basketball court or hoop | 3,203 | 39.0 36.2 - 41.8 | 41.4 37.9 - 44.9 | 36.3 33.4 - 39.2 | 35.4 31.6 - 39.2 | 38.9 35.4 - 42.3 | 44.8 41.8 - 47.9 | 43.2 40.5 - 45.9 | 16.8 13.6 - 20.0 |
| a sports field | 4,589 | 55.9 53.3 - 58.5 | 59.9 57.0 - 62.8 | 51.3 48.5 - 54.0 | 53.0 48.7 - 57.4 | 57.1 53.9 - 60.3 | 58.6 56.1 - 61.2 | 61.5 59.2 - 63.8 | 26.4 23.2 - 29.6 |
| a swimming pool or place to go swimming | 3,419 | 41.6 39.1 - 44.0 | 41.0 38.3 - 43.7 | 42.2 39.1 - 45.3 | 40.0 37.0 - 43.0 | 42.7 39.4 - 45.9 | 42.5 38.8 - 46.2 | 43.2 40.3 - 46.2 | 33.0 29.8 - 36.2 |
| a gym | 2,323 | 28.4 26.1 - 30.7 | 29.3 26.5 - 32.1 | 27.3 24.6 - 30.0 | 26.4 23.5 - 29.3 | 27.8 24.5 - 31.1 | 32.1 28.7 - 35.6 | 31.6 29.1 - 34.0 | 11.0 8.6 - 13.4 |
| a bike track | 1,971 | 23.9 21.4 - 26.4 | 27.4 24.0 - 30.9 | 19.9 17.4 - 22.4 | 23.8 20.7 - 27.0 | 25.6 22.4 - 28.7 | 21.6 18.6 - 24.6 | 24.7 21.9 - 27.5 | 20.0 16.5 - 23.5 |
| a place to play video games | 1,494 | 18.2 15.9 - 20.6 | 24.0 21.0 - 27.0 | 11.7 10.1 - 13.2 | 15.7 12.8 - 18.6 | 17.5 14.6 - 20.5 | 23.1 20.5 - 25.8 | 20.2 17.7 - 22.6 | 7.8 5.8 - 9.8 |
| other | 2,489 | 30.2 29.0 - 31.4 | 30.8 29.1 - 32.6 | 29.5 27.9 - 31.1 | 28.7 26.9 - 30.6 | 30.4 28.4 - 32.3 | 32.2 30.6 - 33.8 | 30.4 29.0 - 31.8 | 29.2 26.1 - 32.3 |
| there is nothing to do around where I live | 909 | 11.0 9.2 - 12.9 | 9.7 7.9 - 11.6 | 12.5 10.2 - 14.8 | 13.9 10.8 - 17.0 | 11.4 9.1 - 13.8 | 5.9 4.5 - 7.3 | 6.0 5.1 - 6.9 | 37.6 34.5 - 40.6 |

Neighbourhood problems (students could choose more than one response option)

| What are the bad things about the area where you live? | Total | | By Gender | | By NZDep2006 | | | By Geography | |
|--|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Male | Female | Low | Medium | High | Urban | Rural |
| | n | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) |
| there are not enough footpaths | 628 | 7.8 6.5 - 9.1 | 7.8 6.3 - 9.4 | 7.8 6.4 - 9.2 | 8.6 6.5 - 10.7 | 7.8 6.3 - 9.3 | 6.3 4.9 - 7.7 | 6.3 5.1 - 7.5 | 15.4 12.7 - 18.1 |
| footpaths are rough and broken | 657 | 8.2 7.3 - 9.1 | 9.0 7.9 - 10.1 | 7.3 6.0 - 8.5 | 5.9 5.0 - 6.7 | 7.1 5.9 - 8.3 | 13.6 12.0 - 15.1 | 8.9 7.8 - 9.9 | 4.4 3.0 - 5.9 |
| there is too much traffic | 874 | 11.0 9.1 - 12.8 | 11.9 9.0 - 14.9 | 9.8 8.5 - 11.2 | 9.8 7.5 - 12.1 | 11.2 8.8 - 13.7 | 12.4 10.3 - 14.5 | 11.9 9.9 - 14.0 | 5.8 3.8 - 7.9 |
| there are steep hills | 1,169 | 14.6 12.5 - 16.6 | 14.4 11.9 - 16.8 | 14.8 12.4 - 17.1 | 20.5 17.8 - 23.3 | 12.4 10.1 - 14.6 | 8.6 6.3 - 10.8 | 14.7 12.4 - 16.9 | 14.1 11.5 - 16.6 |
| there is not enough street lighting | 1,024 | 12.8 11.5 - 14.1 | 12.4 10.9 - 13.9 | 13.2 11.6 - 14.9 | 12.0 10.0 - 14.0 | 12.3 10.7 - 13.8 | 15.0 13.2 - 16.9 | 12.9 11.4 - 14.3 | 12.6 10.1 - 15.1 |
| there's no-one around | 1,121 | 13.9 12.3 - 15.4 | 13.7 11.7 - 15.8 | 14.0 12.4 - 15.7 | 15.1 12.7 - 17.5 | 14.7 12.4 - 17.0 | 10.5 9.0 - 12.0 | 10.4 9.3 - 11.5 | 32.2 29.7 - 34.8 |
| no-one cares about how this place looks | 769 | 9.5 8.1 - 10.9 | 9.2 7.5 - 10.9 | 9.9 8.0 - 11.7 | 3.8 2.9 - 4.6 | 8.1 6.7 - 9.4 | 21.1 18.7 - 23.4 | 10.2 8.6 - 11.9 | 5.9 4.4 - 7.3 |
| there are not enough bike lanes | 572 | 7.1 6.4 - 7.8 | 8.4 7.4 - 9.5 | 5.6 4.9 - 6.4 | 7.3 6.1 - 8.5 | 7.1 6.1 - 8.1 | 6.6 5.4 - 7.9 | 7.5 6.8 - 8.2 | 4.8 3.6 - 5.9 |
| there are too many dogs | 642 | 8.0 7.0 - 9.1 | 8.0 6.8 - 9.2 | 8.1 6.7 - 9.4 | 3.7 3.1 - 4.3 | 6.8 6.1 - 7.6 | 16.9 15.0 - 18.8 | 8.9 7.7 - 10.1 | 3.8 2.7 - 4.8 |
| rubbish and mess | 1,102 | 13.7 12.0 - 15.4 | 13.3 11.4 - 15.2 | 14.2 12.1 - 16.2 | 6.7 5.7 - 7.7 | 12.2 10.9 - 13.6 | 27.1 24.4 - 29.8 | 14.7 12.8 - 16.7 | 8.3 6.5 - 10.1 |
| none of the above | 3,807 | 47.4 45.2 - 49.5 | 47.6 45.1 - 50.0 | 47.2 44.3 - 50.0 | 50.2 47.2 - 53.2 | 49.5 46.9 - 52.0 | 39.8 37.6 - 41.9 | 47.6 45.3 - 50.0 | 46.3 42.5 - 50.1 |



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|--|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Regular part-time job | | | | | |
| Total | | 3832 | 42.1 39.7 - 44.5 | 3324 | 38.9 36.2 - 41.5 |
| By Gender | Male | 1871 | 44.8 41.9 - 47.6 | 1732 | 37.8 34.6 - 41.0 |
| | Female | 1961 | 39.8 37.0 - 42.6 | 1592 | 40.1 36.7 - 43.5 |
| Friends care a lot | | | | | |
| Total | | 4857 | 62.8 60.8 - 64.8 | 5307 | 71.7 69.8 - 73.7 |
| By Gender | Male | 1681 | 49.6 47.6 - 51.5 | 2330 | 61.3 59.4 - 63.2 |
| | Female | 3176 | 73.4 72.1 - 74.8 | 2977 | 82.9 81.5 - 84.3 |
| Belong to youth group or club* | | | | | |
| Total | | 4449 | 51.3 49.6 - 52.9 | 4839 | 58.5 57.0 - 60.0 |
| By Gender | Male | 2084 | 52.9 50.6 - 55.2 | 2599 | 59.1 57.4 - 60.8 |
| | Female | 2365 | 49.8 47.6 - 52.1 | 2240 | 57.8 55.6 - 60.0 |
| Feels safe in their neighbourhood most or all of the time | | | | | |
| Total | | 7284 | 84.7 83.3 - 86.0 | 6740 | 81.1 79.5 - 82.8 |
| By Gender | Male | 3391 | 86.7 85.2 - 88.2 | 3690 | 83.4 81.7 - 85.0 |
| | Female | 3893 | 82.9 81.2 - 84.7 | 3050 | 78.6 76.4 - 80.8 |
| Have an adult outside of their family they would feel okay talking to about a serious problem | | | | | |
| Total | | 5042 | 58.4 56.8 - 60.0 | 4532 | 54.6 52.9 - 56.4 |
| By Gender | Male | 2187 | 55.8 53.9 - 57.6 | 2300 | 52.3 50.3 - 54.3 |
| | Female | 2855 | 60.6 58.6 - 62.6 | 2232 | 57.3 55.1 - 59.5 |
| There is nothing to do in their neighbourhood | | | | | |
| Total | | 1321 | 15.6 13.7 - 17.5 | 909 | 11.0 9.2 - 12.9 |
| By Gender | Male | 548 | 14.2 12.3 - 16.2 | 427 | 9.7 7.9 - 11.6 |
| | Female | 773 | 16.7 14.4 - 19.1 | 482 | 12.5 10.2 - 14.8 |

*Question format change from 2001 to 2007.

2001: Do you belong to a youth group or club? (e.g. scouts, church, sports): yes/no

2007: Do you belong to a group, club or team which is not run by your school? (you can choose more than one): a church group, a sports team or group, a cultural group, an environmental organisation, eg Greenpeace, a volunteer group who help people with disabilities or in hospital, a volunteer group involved with young people, eg Youthline, another type of group or club, none



Spirituality

Spiritual beliefs

| | | Spiritual beliefs are very important | | Attends place of worship weekly or more often | | Feels like they belong in their church, mosque or temple | |
|--------------|-------------|--------------------------------------|---------------------|---|---------------------|--|---------------------|
| | | n | % (95% CI) | n | % (95% CI) | n | % (95% CI) |
| Total | | 1,787 | 29.2 25.9 - 32.4 | 1,784 | 28.8 25.1 - 32.6 | 2,184 | 36.0 32.5 - 39.5 |
| By Gender | Male | 868 | 28.9 25.0 - 32.7 | 874 | 28.8 24.1 - 33.5 | 1,009 | 34.0 30.0 - 37.9 |
| | Female | 919 | 29.4 25.7 - 33.2 | 910 | 28.8 24.8 - 32.9 | 1,175 | 37.9 33.9 - 42.0 |
| By Age | 13 or less | 374 | 32.8 28.7 - 37.0 | 356 | 31.0 26.0 - 35.9 | 427 | 37.9 33.0 - 42.8 |
| | 14 | 385 | 28.7 24.2 - 33.3 | 378 | 27.6 23.1 - 32.1 | 478 | 35.6 31.2 - 40.1 |
| | 15 | 371 | 27.9 23.9 - 32.0 | 384 | 28.7 24.5 - 32.9 | 464 | 35.3 30.9 - 39.6 |
| | 16 | 359 | 29.1 25.1 - 33.0 | 352 | 28.5 24.0 - 32.9 | 440 | 36.1 32.6 - 39.6 |
| | 17 or older | 298 | 27.6 24.3 - 30.9 | 314 | 28.9 24.5 - 33.2 | 375 | 35.2 30.8 - 39.6 |
| By NZDep2006 | Low | 584 | 24.4 21.2 - 27.7 | 607 | 25.3 21.1 - 29.6 | 754 | 32.1 28.4 - 35.8 |
| | Medium | 649 | 27.9 24.5 - 31.3 | 630 | 26.8 22.9 - 30.7 | 770 | 33.5 29.7 - 37.2 |
| | High | 542 | 39.5 34.1 - 44.9 | 531 | 38.1 31.6 - 44.6 | 642 | 46.6 40.7 - 52.4 |
| By Geography | Urban | 1,596 | 31.0 27.4 - 34.5 | 1,588 | 30.5 26.7 - 34.3 | 1,929 | 37.8 34.0 - 41.5 |
| | Rural | 179 | 19.2 16.5 - 21.9 | 181 | 19.2 14.1 - 24.4 | 238 | 25.8 21.7 - 30.0 |



Comparison 2001 - 2007

| | | 2001 | | 2007 | |
|---|--------|------|---------------------|------|---------------------|
| | | n | % (95% CI) | n | % (95% CI) |
| Attend church weekly or more often | | | | | |
| Total | | 2223 | 25.8 22.1 - 29.5 | 1784 | 28.8 24.8 - 32.9 |
| | | | | | |
| By Gender | Male | 912 | 23.6 18.6 - 28.7 | 874 | 28.8 24.0 - 33.7 |
| | Female | 1311 | 27.6 23.4 - 31.9 | 910 | 28.8 24.2 - 33.5 |
| Spiritual beliefs are very important | | | | | |
| Total | | 2820 | 33.7 30.8 - 36.5 | 1787 | 29.2 25.8 - 32.5 |
| | | | | | |
| By Gender | Male | 1059 | 27.9 24.8 - 31.0 | 868 | 28.9 25.0 - 32.7 |
| | Female | 1761 | 38.6 35.4 - 41.8 | 919 | 29.4 25.8 - 33.1 |



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