



Youth2000 Survey Series

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

Appendices for the Pacific Young People Report

2016

Findings from the Youth'12 national youth health
and wellbeing survey

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Further publications by the AHRG are available at www.youthresearch.auckland.ac.nz

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Introduction

These appendices sit alongside the third report focused on Pacific young people living in Aotearoa, New Zealand from the Youth2000 survey series. The 2016 Pacific Youth report titled: Youth'12 The Health and Wellbeing of Secondary School Students in New Zealand: Results for Pacific young people - provides an overview of the main findings with brief descriptions (Fa'alili-Fidow et al., 2016). These appendices provide more detailed tables about the health and wellbeing of Pacific young people without any description or background.

These appendices have been produced by the Adolescent Health Research Group (AHRG), that carries out the Youth2000 Survey Series. The surveys provide a snapshot of important health and wellbeing issues for Pacific young people from Youth'12: The National Health and Wellbeing Survey of New Zealand Secondary School Students (Youth'12 Survey). For more information about the methodology of the Youth2000 survey series see the Youth'12 Prevalence Report on our website www.youthresearch.auckland.ac.nz

The Pacific Youth Health Report and Appendices explore the health and wellbeing of Pacific young people in New Zealand. Wellbeing is a broad term that encompasses the physical, mental and emotional, social, and spiritual dimensions of health consistent with the Whare tapa Wha model (Durie, 1994) and the Fonofale Model (Pulotu-Endermann, 2009). In addition, the Adolescent Health Research Group supports the underlying concept of Healthy Youth Development that acknowledges the contextual nature of young people's wellbeing (MYD, 2002).

The Pacific population in New Zealand

In 2013, Pacific people made up 7.4% of the New Zealand population and was the fourth-largest major ethnic group behind the European, Māori and Asian ethnic groups. The median age of people who identified with at least one Pacific ethnicity in 2013 was 22.1 years which reflects a younger age structure for Pacific people compared with the total NZ population. Just under half (46.1%) of Pacific people are under the age of 20 years old (compared with 27.4 percent for the total NZ population). Pacific people had highest proportion of children (0-14 yrs) at 35.7% compared to other major ethnic groups, with the majority of Pacific people (54.9%) being 24 or younger. Most Pacific people reside in the North Island and are highly urbanised with 65.9% living in Auckland and 12.2% living in the Wellington region. New Zealand-born Pacific people make up 63.2% of the Pacific population with the highest proportions of New Zealand-born among Niuean ethnicities (78.9%) and the lowest among Tongan (59.8%) (Statistics New Zealand, 2014).

Who are Pacific students?

Pacific students are a diverse and growing population. In this report, 'Pacific' is utilised as an inclusive term that refers to people who are indigenous to any of the islands, nations and territories of the Pacific region (Polynesia, Melanesia and Micronesia).

The six main Pacific ethnic groups in New Zealand (ordered by size of population) are Samoan, Cook Island Māori, Tongan, Niuean, Fijian and Tokelauan. Among these groups are considerable ethnic, cultural and linguistic diversity.

This report highlights the results for the Pan-Pacific student population, but where the number of students is high enough, we report some issues by the larger Pacific ethnic groups, namely Samoan, Tongan and Cook Island Māori.

This report has been produced by the Adolescent Health Research Group (AHRG), which carries out the Youth2000 Survey Series. It provides a summary or snapshot of important health and wellbeing issues for Pacific young people from Youth'12: The National Health and Wellbeing Survey of New Zealand Secondary School Students (Youth'12 Survey). It is our intention that this report be utilised to highlight the important health and wellbeing issues for Pacific youth and to enable our communities, schools, churches, service providers and policy makers to make informed decisions and take action on important issues. This report is complemented by other Youth2000 peer-reviewed journal articles which detail the health and wellbeing of Pacific students including:

- Teevale, T., Lee, A., Tiatia-Seath, J., Clark, T. C., Denny, S., Fleming, T., . . . Peiris-John, R. (in press). Risk and Protective factors for Suicidal behaviours amongst Pacific Youth in New Zealand. *Crisis: the Journal of Crisis Intervention and Suicide Prevention*.
- Teevale, T., Denny, S., Nosa, V., Sheridan, J. (2013). Predictors of cigarette use amongst Pacific youth in New Zealand. *Harm Reduction Journal*, 2013. 10:25. DOI: 10.1186/10.1186/1477-7517-10-25
- Teevale, T., Denny, S., Percival, T., Fleming, T. (2013) Pacific secondary school students' access to primary health care in New Zealand. *The New Zealand Medical Journal*, Vol 126, No 1375.
- Teevale, T., Robinson, E., Duffy, S., Utter, J., Nosa, V., Clark, T., Sheridan, J., & Ameratunga, S. (2012) Binge drinking and alcohol-related behaviours amongst Pacific Youth: a national survey of secondary school students. *New Zealand Medical Journal*, 125(1352), 60-70
- Fa'alau, F., McCreanor, T., Watson, P.D. (2006) Samoan youth and family relationships in Aotearoa. *New Zealand Pacific Health Dialogue*, 13(2), 17-24. <http://www.pacifichealthdialog.org.fj/Volume%2013/No2/Original%20Papers/Samoan%20Youth%20and%20Family%20Relationships%20ANZ.pdf>

The Adolescent Health Research Group (AHRG)

The Adolescent Health Research Group (AHRG) is a multidisciplinary team of researchers that is supported by youth, cultural, and stakeholder advisors. The purpose of the AHRG is to promote the healthy development and wellbeing of all New Zealand youth through scientific research that delivers high quality useable data to stakeholders. The group was first established in 1997. Over the years the membership of the AHRG has changed, but the vision and commitment remains. The AHRG works closely with many other researchers and groups. We welcome applications from other researchers and groups to use the Youth2000 Survey Series data. A protocol for potential collaborations can be found on our website: www.youthresearch.auckland.ac.

The Pacific Advisory Group

The Pacific Advisory Group provided leadership, guidance and support in the development of this report. They represent a diverse and exceptional range of expertise, knowledge and skills within the Pacific health and wellbeing community. The members are committed to ensuring the report is constructed and disseminated in a manner that will lead to positive and practical applications for Pacific youth.

Youth2000 Survey Series

The AHRG has carried out comprehensive national surveys of secondary school students in 2001 (Adolescent Health Research Group, 2003), 2007 (Adolescent Health Research Group, 2008) and 2012 (Clark, Fleming, Bullen, Denny, et al., 2013). The 2001 (Youth'01) and 2007 (Youth'07) surveys are similar to the 2012 (Youth'12) survey and selected comparisons of findings from these surveys are made in this report.

The group has also surveyed students in Alternative Education in 2000 (Adolescent Health Research Group, 2002; Denny, Clark & Watson, 2004) and

2009 (Clark et al., 2010), and in 2007 the AHRG also surveyed students in Teen Parent Units (Johnson & Denny, 2007). The Youth'07 and Youth'12 surveys of secondary school students were supplemented by surveys with school staff members about school characteristics. All of these surveys together make up the Youth2000 Survey Series.

The results of the Youth2000 Survey Series have been presented internationally and are listed on our website: www.youthresearch.auckland.ac.nz

How we did the 2012 survey

The Youth2000 Survey Series is designed to provide information about the health and wellbeing of New Zealand secondary school students. In 2012 we randomly selected 125 composite and secondary schools in New Zealand which met the inclusion criteria¹ and invited them to participate in the survey. For schools which had a roll of more than 150 Year 9-13 students, we randomly selected 20% of this roll and invited these students to take part in the survey. For participating schools with less than 150 Year 9 or higher students, 30 students were randomly selected and invited to take part. For more detailed information on the school selection process, please refer to the Youth'12 Prevalence Tables report which can be found on our website: www.youthresearch.auckland.ac.nz

Of the 125 schools invited, 91 took part in the survey (73%). The majority of participating schools were state funded, co-educational and large schools (at least 350 Year 9 or higher students). Of the 34 invited schools that did not participate, 26

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

Within the 91 participating schools, 12,503 students were invited to take part in the survey and 8,500 participated (68%). This represents 3% of the 2012 New Zealand secondary school roll. The most common reasons why students did not participate were not being at school on the day of the survey, not wanting to take part, and being unavailable during the time the survey was conducted.

Ethical issues

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

The AHRG and a wide range of advisors reviewed the survey content and methods. Ethical approval was obtained from The University of Auckland Human Participants Ethics Committee (ref 2011 / 206).

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

¹ New Zealand registered composite and secondary schools with 50 or more students in Year 9 or higher.

participate. The survey was available in English and Te Reo Māori.

Survey delivery and content

The survey was delivered using handheld digital tablets. The survey questions were displayed on the tablet and were also available by voiceover via headphones. Students answered the questions by touching the appropriate checkbox on the tablet screen.

The Youth'12 survey covered important areas of health and wellbeing for young people in New Zealand, as well as risk and protective factors. The questionnaire contained a total of 608 questions, but students answered fewer than this number of questions due to the branching design of the survey. The complete list of survey questions and full wording for each question is available on our website: www.youthresearch.auckland.ac.nz. Most of the questions and measurements were the same as those used in previous Youth 2000 surveys.

Students were also asked to provide their usual home address. We used this to ascertain their census meshblock (grouping of approximately 100 households) so that neighbourhood characteristics such as deprivation levels and urban or rural setting could be ascertained. After the meshblock was identified the student's address was deleted.

NZ Deprivation Index

In this report, students are grouped into high, medium, or low deprivation neighbourhoods, based on the New Zealand Deprivation Index (NZDI) for their geographical area or neighbourhood (meshblock). In 2006, the NZDI used eight dimensions of deprivation (including household income, employment, access to a telephone, access to a car, single parent families, qualifications, overcrowding, and home ownership) to calculate a deprivation score for each meshblock in New Zealand. It is important to remember that this score is an indicator of neighbourhood (rather than personal or family) deprivation, and some

households might contend with quite different levels of hardship than is suggested by their meshblock.

Household deprivation was measured using nine socioeconomic indicators: family ownership of a car, telephone, and a computer / laptop; residential mobility; parental employment; perceptions of level of family worry about not having enough money to buy food; having family holidays; living room or garage used as a bedroom; and living in an overcrowded home. Students who reported two or more indicators of household deprivation were classified in the household deprivation group (Denny, Lewycka, Bullen, et al., 2014). It is important to note that indicators of deprivation may vary by cultural context. Due to improvements in technology and access to mobile phones it is expected that access to a landline phone may be less relevant and consequently we have excluded the item about access to a telephone from the report, however responses to the question about access to a telephone in 2012 can be found in Table 3m in the Appendices.

Funding

The Youth2000 Survey Series has had a different set of funding bodies in 2001, 2007, and 2012. Without the support of these organisations it would not be possible to undertake the youth health and wellbeing surveys nationally or to analyse and publish the results. Without this research, organisations that are responsible for New Zealand youth would not be able to advocate for appropriate and accessible services, programmes and policy on behalf of young people.

In 2012, the survey was funded by the Ministries of Youth Development, Social Development, Health, Education and Justice, the Department of Labour, the Families Commission, and the Health Promotion Agency (formerly ALAC). The AHRG thanks these organisations for their support to improve the health and wellbeing of New Zealand youth. This report was contracted by the Ministry of Youth Development and the Ministry of Social Development.

How to use the information in this report

The Youth2000 Survey Series is the largest dataset on the health and wellbeing of young people in New Zealand and is of considerable importance for the purposes of planning and programme development for communities, schools and policy makers. However, caution needs to be taken when interpreting the results, especially in relation to whether the findings reflect the wider youth population, and in interpreting differences between groups of students. The sample of students surveyed does not include young people who were absent from school on the day of the survey, those who have left school, or those in Alternative Education settings; hence findings are likely to represent a slightly more positive view of the health of Pacific students who attend secondary schools.

How reliable are these findings?

We have taken steps to ensure that we can be confident the information is correct. Our large sample size, and rigorous methods for randomly selecting schools and students, ensure that these findings represent secondary schools and their students throughout New Zealand. The Adolescent Health Research Group has undertaken extensive quality checks to ensure data coding and analyses are correct.

Interpreting the results

This report and associated appendices presents findings about students who identified as having Pacific identity (either sole Pacific ethnicity or Pacific ethnicity with one or more other ethnic groups) from the Youth'12 Survey carried out in 2012. When we report statistics in this document a number of parameters are provided.

In the tables, for each question / item from the survey, we report 'N' which refers to the number of students who answered that particular question /

item. The 'N' will vary by question as students could choose not to answer questions, and students were not asked detailed questions which did not apply to them. For example, only students who said that they had smoked a whole cigarette were asked how often they smoke cigarettes now.

The 'n' refers to the number of students who chose the particular response of interest for a question / item. For example, in the question regarding whether a student felt as though their parents (or someone who acts like a parent) care about them, the number of Pacific students who answered whether they thought their father cared about them question was 1318 (N), and 1015 (n) Pacific students responded that they thought their father cared about them a lot.

Table 3g. Family relationships for Pacific students in 2012 continued

| | Mother cares a lot | | Father cares a lot | |
|-------|--------------------|---------------------|--------------------|---------------------|
| | n/N | % (95% CI) | n/N | % (95% CI) |
| Total | 1205/1304 | 86.5 (84.8-88.2) | 1015/1318 | 77.0 (74.0-80.0) |

The percentage (%) refers to the proportion of the students who reported that particular response or behaviour for a question / item. This can be regarded as an estimate of the true proportion of the population. For example, 16.4% of the Pacific students reported to have eaten fast food at least 4 times in the last 7 days. The percentage shown may be different from the numerated denominator percentages due to weighting.

Figure 5c. Poor nutrition for Pacific and New Zealand European students in 2012

| | Pacific | | New Zealand European | |
|---|----------|-----------------------|----------------------|--------------------|
| | n/N | % (95% CI) | n/N | % (95% CI) |
| Fast food eaten at least 4 times in the last 7 days | 226/1373 | 16.4 (13.9 - 18.9) | 123/3960 | 3.1 (2.3 - 3.7) |

The confidence intervals (95% CI) indicate the precision of the percentage estimate by providing an interval within which we are relatively sure the true value lies (i.e. we are 95% confident that the actual prevalence of that particular behaviour or response lies between the two bounds given). For example, statistically speaking we are '95% certain' that between 26.9% and 33.6% of Pacific students had some kind of employment in 2007.

Table 12a. Neighbourhood and spirituality for Pacific students in 2001, 2007 and 2012

| | 2001 | | 2007 | |
|--|----------|-----------------------|----------|-----------------------|
| | n/N | % (95% CI) | n/N | % (95% CI) |
| Any employment over the past 12 months | 277/1009 | 27.1 (22.6 - 31.6) | 315/1037 | 30.4 (26.9 - 33.6) |

Wide confidence intervals indicate more uncertainty in the associated percentage estimate. The 95% CI are provided in the relevant tables and they have been included in the bar graphs (visually displayed as a black line towards the top of each bar). The percentages and 95% confidence intervals are adjusted for weighting and clustering, because the Youth2000 Survey Series utilise a complex sampling design. The percentages and 95% confidence intervals were used to compare responses between Pan-Pacific students and New Zealand European students. Also confidence intervals are used to compared differences between pacific ethnic groups (differences between Tongan, Samoan and Cook Island students).

As a 'rule of thumb', if the 95% confidence intervals around two percentage estimates do not overlap then the differences are more likely to be real or statistically significant. For example, with regards to not having gone on a holiday in the last 12 months the 95% confidence intervals associated with Pacific students (95% CI, 33.0% - 40.3%) and New Zealand European students (95% CI, 14.7% - 18.4%) do not overlap (i.e. 18.4% is considerably lower than 33.0%, indicating that Pacific students are more likely to have not gone on a holiday in the last 12 months than New Zealand European students. However, it is important not to place too much emphasis on apparent differences when the numbers of students reporting on a specific issue is small (i.e. ≤ 30). Where the number of students who selected a particular option is very small, the anonymity of the participant may be at risk and the precision of the estimates becomes less reliable. At the researchers discretion small n and N's may not be reported.

Table 3a. Economic hardship for Pacific and New Zealand European students in 2012

| | Pacific | | New Zealand European | |
|------------|----------|-----------------------|----------------------|-----------------------|
| | n/N | % (95% CI) | n/N | % (95% CI) |
| No holiday | 528/1139 | 46.4 (43.3 - 49.3) | 675/4219 | 16.0 (14.7 - 18.4) |

Comparisons between 2001, 2007, and 2012

Key comparisons for Pacific youth between the 2001, 2007, and 2012 survey findings are presented in this report, where items are directly comparable. As the purpose of this report is to provide a concise overview of 'major indicators' only a small number of important areas are compared here.

It is possible to compare findings across the surveys as similar methods were utilised in all three surveys. For example, the procedures for sampling schools and students were very similar, as were the survey technology and the questions asked. However, it is important to realise there are some differences between the surveys.

The overall target sample size in 2001, 2007 and 2012 was 10,000 students. The response rates among schools and students have changed somewhat between the three surveys. In 2012, 73% of invited schools took part, compared to 84% in 2007, and 86% in 2001. In 2012, 68% of invited students took part, compared to 74% in 2007, and 75% in 2001.

The 2001, 2007, and 2012 surveys included similar proportions of students of each age and year of schooling, but there were differences in the numbers of participating single sex schools. As a result, the ratio of male and female participants differs between the surveys. In 2012, 54% of the sample was female and 46% was male, while in 2007 the sample was 46% female and 54% male. In 2001 it was 54% female and 46% male.

Some questions were not included in the 2001 survey or were changed slightly between the three surveys. This was done in order to gain new or clearer information.

Using the data as an advocacy tool

We encourage people to use the information in this report to advocate for the health and wellbeing of Pacific young people. However, there is a tricky balance between advocacy and contributing toward

the stigma associated with health disparities between Pacific and New Zealand European young people. We urge all those who utilise this data to be mindful of not stigmatising Pacific youth, as these young people are an important and contributing members of our community. There are also diverse experiences of Pacific young people with most being healthy and well.

For a full reference list, please see the The 2016 Pacific Youth report titled: Youth'12 The Health and Wellbeing of Secondary School Students in New Zealand: Results for Pacific young people (Fa'alili-Fidow et al., 2016).



Appendices

1. The Participants

Please see section 1. The Participants of the “Youth’12 The Health and Wellbeing of Secondary School Students in New Zealand: Results for Pacific young people” report for the following tables:

Table 1a. Pacific and New Zealand European student demographics in 2012 (N=8500)

Table 1b. Pacific students’ main ethnic group in 2012 (N=1445)

Table 1c. Student demographics by Pacific ethnic groups in 2012

Table 1d. Demographics of Pacific students in 2001, 2007 and 2012

Table 1e. Number of ethnic groups that Pacific students identified with in 2012

2. Culture and Ethnicity

Please see section 2. *Culture and Ethnicity* of the “Youth’12 The Health and Wellbeing of Secondary School Students in New Zealand: Results for Pacific young people” report for the following tables:

Table 2a. *Place where Pacific students were born*

Table 2b: *Age when overseas born Pacific students came to New Zealand*

Table 2c: *Pacific students comfort in Pākehā / NZ European and Pacific social surroundings in 2012*

Table 2d. *Languages Pacific students can understand in 2012*

Table 2e. *Languages Pacific students can speak in 2012*

3. Home and Families

3. Part A. Data that relates to figures in the Youth'12 Pacific Report

Family relationships

Comparisons between 2001, 2007 and 2012

Table 3a. *Pacific students family relationships between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|---|------------|-----------------------|------------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Student gets enough time with their parents | 632 / 1108 | 56.9 (53.7 – 60.0) | 540 / 1125 | 48.0 (45.5 - 50.5) | 764 / 1431 | 53.4 (49.8 – 57.0) |
| Student is happy about how they get along with their family | 617 / 1103 | 55.5 (51.8 - 59.3) | 810 / 1150 | 70.4 (67.4 - 73.4) | 1059 / 1444 | 73.4 (70.3 - 76.5) |
| Family has fun together | 874 / 1115 | 78.5 (75.8 - 81.3) | 742 / 1157 | 64.1 (61.7 - 66.4) | 1083 / 1442 | 75.2 (72.7 - 77.6) |
| Parents care about me a lot | 999 / 1103 | 90.5 (88.6 - 92.4) | 990 / 1140 | 86.9 (84.9 - 88.9) | 1273 / 1405 | 90.6 (89.3 - 91.9) |

Comparisons between Pacific and New Zealand European students in 2012

Table 3b. Pacific and New Zealand European students family relationships in 2012

| | Pacific | | New Zealand European | |
|---|-------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Student gets enough time with their parents | 764 / 1431 | 53.4 (49.8 – 57.0) | 2518 / 4004 | 62.9 (60.9 - 64.9) |
| Student is happy about how they get along with their family | 1059 / 1444 | 73.4 (70.2 - 76.6) | 2943 / 4015 | 73.4 (72.2 - 74.5) |
| Family has fun together | 1083 / 1442 | 75.2 (72.7 - 77.6) | 2750 / 4023 | 68.3 (66.2 - 70.5) |
| Parents care about me a lot | 1273 / 1405 | 90.6 (89.3 - 91.9) | 3759 / 3978 | 94.5 (93.6 - 95.4) |

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 3c. *Samoan, Tongan and Cook Island students family relationships in 2012*

| | Samoan | | Tongan | | Cook Island | |
|---|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Student gets enough time with their parents | 236 / 429 | 55.0 (49.4 - 60.7) | 135 / 238 | 56.7 (48.7 - 64.8) | 84 / 159 | 53.0 (45.8 - 60.2) |
| Student is happy about how they get along with their family | 333 / 433 | 76.9 (72.1 - 81.7) | 190 / 241 | 78.8 (75 - 82.7) | 111 / 161 | 68.9 (61.6 - 76.1) |
| Family has fun together | 347 / 433 | 80.2 (76.3 - 84.1) | 178 / 240 | 74.2 (69.2-79.1) | 122 / 161 | 75.7 (70.4 - 81) |
| Parents care about me a lot | 388 / 416 | 93.3 (90.8 - 95.8) | 210 / 235 | 89.4 (85.8-92.9) | 136 / 158 | 86.0 (81.4 - 90.7) |

Economic Hardships

Comparisons between 2001, 2007 and 2012

Table 3d. *Economic hardship for Pacific students between 2001, 2007 and 2012*

| | Pacific | | New Zealand European | |
|---|-------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Low level of neighbourhood deprivation | 92 / 1420 | 6.5 (3.3 - 9.7) | 1663 / 3946 | 42.3 (37.1 - 47.4) |
| Medium level of neighbourhood deprivation | 316 / 1420 | 22.3 (14.2 - 30.4) | 1640 / 3946 | 41.6 (38.4 - 44.7) |
| High level of neighbourhood deprivation | 1012 / 1420 | 71.2 (60.7 - 81.7) | 643 / 3946 | 16.2 (12.1 - 20.2) |

Table 3e. *Economic hardship for Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|--------------------------------------|------------|-----------------------|------------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Worry about not having enough food | 148 / 982 | 15.4 (12.4 - 18.3) | 171 / 1062 | 16.1 (13.8 - 18.4) | 314 / 1328 | 23.6 (20.8 - 26.4) |
| Moved home frequently | 222 / 1108 | 19.9 (17.0 - 22.8) | 252 / 1148 | 22.0 (18.0 - 25.9) | 183 / 1437 | 12.6 (10.9 - 14.3) |
| Sleep in rooms that are not bedrooms | - | - | 372 / 1142 | 32.7 (28.7 - 36.6) | 517 / 1439 | 35.8 (31.9 - 39.8) |
| Overcrowded house | 197 / 1032 | 19.6 (15.2 - 24.0) | 203 / 1151 | 17.7 (14.2 - 21.1) | 290 / 1440 | 20.1 (16.2 - 23.9) |
| No parent at home is employed | 95 / 941 | 10.0 (7.8 - 12.2) | 95 / 1030 | 9.2 (6.8 - 11.5) | 167 / 1313 | 12.7 (10.3 - 15.2) |
| No car | 81 / 1116 | 7.5 (5.5 - 9.5) | 44 / 1148 | 3.8 (2.6 - 5.1) | 60 / 1422 | 4.2 (2.9 - 5.6) |
| No computer | 415 / 1116 | 38.1 (32.6 - 43.6) | 188 / 1146 | 16.4 (13.0 - 19.8) | 192 / 1422 | 13.5 (10.9 - 16.1) |

The question about sleeping in rooms that are not bedrooms was not asked in 2001.

Data for 'no holidays in the last 12 months' was only collected in 2012 and so cannot be compared over time.

Parental employment was explored through two questions, separately for mothers and fathers: "Does your dad (or someone who acts as your dad) have a job?", with response options: "Yes – full time"; "Yes – part time"; "No"; 'I don't know'; and, 'Does not apply to me'. Students were also asked who they lived with in their home, with response options including their mother and/ or father. Students who responded that both parents were not in fulltime employment or that the single parent they lived with was not full-time employment were classified as having "No parent at home with full-time employment".

Comparisons between Pacific and New Zealand European students in 2012

Table 3f. *Economic hardship for Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|--------------------------------------|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Worry about not having enough food | 314 / 1328 | 23.6 (20.7 - 26.4) | 315 / 3833 | 8.2 (7.0 - 9.4) |
| Moved home frequently | 183 / 1437 | 12.6 (10.9 - 14.4) | 216 / 4021 | 5.4 (4.6 - 6.2) |
| Sleep in rooms that are not bedrooms | 517 / 1439 | 35.8 (31.8 - 39.9) | 324 / 4013 | 8.1 (7.0 - 9.2) |
| Overcrowded house | 290 / 1440 | 20.1 (16.2 - 24) | 41 / 4019 | 1.0 (0.7 - 1.3) |
| Neither parent is employed | 167 / 1313 | 12.7 (10.3 - 15.2) | 138 / 3910 | 3.5 (2.8 - 4.2) |
| No car | 60 / 1422 | 4.2 (2.9 - 5.6) | 35 / 4012 | 0.9 (0.6 - 1.2) |
| No computer | 192 / 1422 | 13.5 (10.8 - 16.1) | 63 / 4012 | 1.5 (1.1 - 2.0) |
| No holiday | 528 / 1439 | 36.7 (33.0 - 40.3) | 670 / 4019 | 16.6 (14.7 - 18.4) |

Parental employment was explored through two questions, separately for mothers and fathers: "Does your dad (or someone who acts as your dad) have a job?", with response options: "Yes – full time"; "Yes – part time"; "No"; "I don't know"; and, "Does not apply to me". Students were also asked who they lived with in their home, with response options including their mother and/ or father. Students who responded that both parents were not in fulltime employment or that the single parent they lived with was not full-time employment were classified as having "No parent at home with full-time employment". The 'No holiday' variable is based on the question 'During the past 12 months, how many times did you travel away on Holiday with your family?'. This question is based on the literature coming out of US studies on the poverty of children (Boyce, Torsheim, Currie & Zambon, 2006).

Comparisons between Samoan, Tongan and Cook Island students

Table 3g. *Economic hardship for Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|--------------------------------------|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Worry about not having enough food | 121 / 398 | 30.4 (26.4 - 34.3) | 55 / 228 | 24.1 (20.7 - 27.6) | 42 / 149 | 27.9 (20.8 - 35.1) |
| Moved home frequently | 53 / 431 | 12.3 (8.8 - 15.8) | 30 / 239 | 12.6 (9.0 - 16.2) | 25 / 161 | 15.6 (9.2 - 22.0) |
| Sleep in rooms that are not bedrooms | 180 / 431 | 41.7 (37.1 - 46.4) | 110 / 240 | 45.8 (37.8 - 53.8) | 60 / 161 | 37.4 (27.7 - 47.1) |
| Overcrowded house | 103 / 432 | 23.8 (19.4 - 28.3) | 70 / 240 | 29.2 (23.5 - 34.8) | 37 / 161 | 23.1 (16 - 30.1) |
| Neither parent is employed | 48 / 400 | 12.0 (8.2 - 15.8) | 40 / 214 | 18.7 (14.8 - 22.5) | 29 / 142 | 20.4 (14.6 - 26.3) |
| No car | 19 / 426 | 4.5 (1.8 - 7.1) | 5 / 233 | 2.1 (0.8 - 3.5) | 10 / 160 | 6.3 (3.2 - 9.4) |
| No computer | 77 / 426 | 18.1 (15.1 - 21) | 34 / 233 | 14.6 (10.2 - 18.9) | 32 / 160 | 20.1 (13.3 - 26.8) |
| No holiday | 186 / 430 | 43.2 (39.2 - 47.3) | 102 / 241 | 42.3 (38.4 - 46.3) | 49 / 161 | 30.5 (24.1 - 37) |

Parental employment was explored through two questions, separately for mothers and fathers: "Does your dad (or someone who acts as your dad) have a job?", with response options: "Yes – full time"; "Yes – part time"; "No"; "I don't know"; and, "Does not apply to me". Students were also asked who they lived with in their home, with response options including their mother and/ or father. Students who responded that both parents were not in fulltime employment or that the single parent they lived with was not full-time employment were classified as having "No parent at home with full-time employment".

The 'No holiday' variable is based on the question 'During the past 12 months, how many times did you travel away on Holiday with your family?'. This question is based on the literature coming out of US studies on the poverty of children (Boyce et al., 2006).

3. Home and Families- Part B. Additional results

Results for Pacific Students in 2012

Table 3h. *Family relationships for Pacific students in 2012*

| | | Happy with family relationships | | Had fun with their families | | Families get on well | | Feel close to their parents | |
|---------------------------|--------------------------|---------------------------------|-----------------------|-----------------------------|-----------------------|----------------------|-----------------------|-----------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1059 / 1444 | 73.4 (70.2 - 76.6) | 1083 / 1442 | 75.2 (72.7 - 77.7) | 1209 / 1444 | 83.8 (81.4 - 86.2) | 1143 / 1441 | 79.3 (76.6 - 82.0) |
| Sex | Female | 587 / 818 | 71.8 (67.9 - 75.7) | 622 / 817 | 76.1 (73.5 - 78.8) | 702 / 818 | 85.8 (82.6 - 89.1) | 635 / 816 | 77.8 (74.7 - 80.9) |
| | Male | 472 / 626 | 75.5 (70.6 - 80.4) | 461 / 625 | 73.9 (70.3 - 77.5) | 507 / 626 | 81.2 (78.2 - 84.1) | 508 / 625 | 81.3 (77.7 - 84.9) |
| Age | 12 - 15 | 714 / 988 | 72.3 (68.6 - 76.0) | 737 / 986 | 74.8 (71.5 - 78.1) | 817 / 988 | 82.8 (79.9 - 85.6) | 787 / 987 | 79.7 (76.7 - 82.6) |
| | 16 - 18 | 344 / 455 | 75.7 (71.8 - 79.6) | 345 / 455 | 76.0 (71.9 - 80.0) | 392 / 455 | 86.3 (82.8 - 89.7) | 356 / 453 | 78.8 (74.8 - 82.7) |
| Neighbourhood deprivation | Low | 58 / 92 | 62.9 (55.3 - 70.5) | 65 / 92 | 70.5 (60.3 - 80.7) | 71 / 92 | 77.0 (69.5 - 84.4) | 74 / 92 | 80.3 (72.8 - 87.7) |
| | Medium | 213 / 316 | 67.5 (62.5 - 72.4) | 221 / 315 | 70.2 (65.5 - 74.9) | 260 / 316 | 82.2 (77.5 - 87.0) | 240 / 315 | 76.1 (72.5 - 79.8) |
| | High | 766 / 1011 | 75.9 (72.9 - 78.8) | 778 / 1010 | 77.1 (74.6 - 79.6) | 859 / 1011 | 85.1 (82.7 - 87.6) | 808 / 1009 | 80.1 (76.7 - 83.5) |
| Household deprivation | Household deprivation | 491 / 710 | 69.1 (64.7 - 73.5) | 509 / 708 | 72.0 (68.4 - 75.7) | 569 / 710 | 80.1 (76.6 - 83.6) | 541 / 708 | 76.4 (71.7 - 81.1) |
| | No household deprivation | 568 / 734 | 77.5 (73.7 - 81.3) | 574 / 734 | 78.2 (75.4 - 81.0) | 640 / 734 | 87.4 (84.1 - 90.6) | 602 / 733 | 82.1 (78.9 - 85.3) |

Table 3h. *Family relationships for Pacific students in 2012 continued*

| | | Mother cares a lot | | Father cares a lot | | Get enough time with my parents | |
|---------------------------|--------------------------|--------------------|-----------------------|--------------------|-----------------------|---------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1205 / 1394 | 86.5 (84.8 - 88.2) | 1015 / 1318 | 77.0 (74.0 - 80.0) | 764 / 1431 | 53.4 (49.8 - 57.0) |
| | | | | | | | |
| Sex | Female | 678 / 796 | 85.2 (83.0 - 87.5) | 585 / 750 | 78.0 (74.8 - 81.1) | 412 / 809 | 50.9 (46.3 - 55.6) |
| | Male | 527 / 598 | 88.2 (85.8 - 90.7) | 430 / 568 | 75.8 (71.8 - 79.7) | 352 / 622 | 56.6 (52.5 - 60.8) |
| Age | 12 - 15 | 814 / 956 | 85.2 (82.9 - 87.4) | 677 / 901 | 75.1 (71.4 - 78.7) | 526 / 980 | 53.7 (49.8 - 57.6) |
| | 16 - 18 | 390 / 437 | 89.4 (86.3 - 92.4) | 337 / 416 | 81.2 (77.8 - 84.5) | 238 / 450 | 53.0 (46.9 - 59.0) |
| Neighbourhood deprivation | Low | 77 / 89 | 86.3 (80.1 - 92.5) | 69 / 84 | 81.9 (75.6 - 88.3) | 58 / 92 | 62.7 (53.0 - 72.3) |
| | Medium | 262 / 310 | 84.6 (80.9 - 88.3) | 222 / 297 | 74.7 (68.5 - 80.9) | 164 / 314 | 52.2 (47.5 - 57.0) |
| | High | 848 / 972 | 87.3 (85.4 - 89.3) | 711 / 916 | 77.7 (74.3 - 81.0) | 527 / 1000 | 52.7 (44.7 - 57.8) |
| Household deprivation | Household deprivation | 574 / 684 | 84.0 (81.5 - 86.6) | 470 / 644 | 73.0 (68.2 - 77.8) | 341 / 701 | 48.7 (43.8 - 53.5) |
| | No household deprivation | 631 / 710 | 88.9 (86.6 - 91.2) | 545 / 674 | 80.8 (77.4 - 84.2) | 423 / 730 | 57.9 (53.6 - 62.3) |

Table 3i. *Reasons why Pacific students reported they did not get enough time with their mother in 2012*

| | | She's at work | | She's out | | Busy with housework, other children or other family members | |
|---------------------------|--------------------------|---------------|-----------------------|-----------|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 471 / 788 | 59.8 (55.5 - 64.1) | 136 / 788 | 17.3 (14.6 - 20.0) | 413 / 788 | 52.5 (49.1 - 55.9) |
| | | | | | | | |
| Sex | Female | 277 / 469 | 59.0 (54.2 - 63.8) | 89 / 469 | 19.0 (14.8 - 23.2) | 264 / 469 | 56.4 (52.6 - 60.1) |
| | Male | 194 / 319 | 61.0 (55.6 - 66.3) | 47 / 319 | 14.8 (11.9 - 17.7) | 149 / 319 | 46.9 (39.9 - 53.8) |
| Age | 12 - 15 | 309 / 534 | 57.8 (52.2 - 63.3) | 96 / 534 | 18.1 (14.9 - 21.2) | 290 / 534 | 54.4 (50.0 - 58.8) |
| | 16 - 18 | 161 / 253 | 63.8 (57.8 - 69.7) | 40 / 253 | 15.8 (12.0 - 19.6) | 123 / 253 | 48.7 (42.9 - 54.6) |
| Neighbourhood deprivation | Low | 33 / 43 | 76.9 (62.9 - 91.0) | 14 / 43 | 32.7 (18.0 - 47.4) | 23 / 43 | 53.4 (41.9 - 65.0) |
| | Medium | 102 / 171 | 59.7 (51.9 - 67.4) | 33 / 171 | 19.3 (11.5 - 27.1) | 82 / 171 | 47.9 (40.7 - 55.2) |
| | High | 329 / 564 | 58.3 (53.3 - 63.4) | 88 / 564 | 15.7 (13.3 - 18.0) | 304 / 564 | 54.1 (50.0 - 58.1) |
| Household deprivation | Household deprivation | 214 / 419 | 51.0 (45.1 - 57) | 76 / 419 | 18.2 (13.9 - 22.4) | 244 / 419 | 58.5 (53.3 - 63.7) |
| | No household deprivation | 257 / 369 | 69.7 (65.1 - 74.3) | 60 / 369 | 16.3 (12.9 - 19.8) | 169 / 369 | 45.8 (41.4 - 50.1) |

Table 3i. *Reasons why Pacific students reported they did not get enough time with their mother in 2012 continued*

| | | She chooses not to spend time with me | | I choose not to spend time with her | | I don't live with her | |
|---------------------------|--------------------------|---------------------------------------|----------------------|-------------------------------------|-----------------------|-----------------------|------------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 63 / 788 | 7.9 (5.3 - 10.5) | 130 / 788 | 16.4 (13.6 - 19.3) | 69 / 788 | 8.7 (6.5 - 10.9) |
| | | | | | | | |
| Sex | Female | 48 / 469 | 10.2 (6.9 - 13.6) | 71 / 469 | 15.1 (11.6 - 18.7) | 40 / 469 | 8.52 (5.38 - 11.67) |
| | Male | 15 / 319 | 4.5 (2.1 - 6.9) | 59 / 319 | 18.3 (13.5 - 23.2) | 29 / 319 | 9.00 (6.29 - 11.71) |
| Age | 12 - 15 | 49 / 534 | 9.2 (5.9 - 12.4) | 92 / 534 | 17.2 (13.4 - 20.9) | 47 / 534 | 8.8 (6.1 - 11.6) |
| | 16 - 18 | 14 / 253 | 5.3 (2.4 - 8.2) | 38 / 253 | 15.0 (10.7 - 19.3) | 22 / 253 | 8.5 (5.3 - 11.6) |
| Neighbourhood deprivation | Low | 4 / 43 | 9.7 (0.5 - 18.9) | 9 / 43 | 20.7 (8.6 - 32.8) | 2 / 43 | 4.6 (0.00 - 10.5) |
| | Medium | 16 / 171 | 9.5 (5.5 - 13.5) | 40 / 171 | 23.4 (15.8 - 30.9) | 17 / 171 | 9.9 (6.2 - 13.7) |
| | High | 42 / 564 | 7.3 (4.3 - 10.3) | 80 / 564 | 14.1 (11.8 - 16.5) | 49 / 564 | 8.6 (5.6 - 11.7) |
| Household deprivation | Household deprivation | 38 / 419 | 9.0 (5.3 - 12.7) | 80 / 419 | 19.0 (15.3 - 22.6) | 40 / 419 | 9.5 (5.9 - 13) |
| | No household deprivation | 25 / 369 | 6.7 (3.6 - 9.8) | 50 / 369 | 13.6 (9.6 - 17.5) | 29 / 369 | 7.9 (5.0 - 10.8) |

Table 3j. *Reasons why Pacific students reported they did not get enough time with their father in 2012*

| | | He's at work | | He's out | | Busy with housework, other children or other family members | |
|---------------------------|--------------------------|--------------|-----------------------|-----------|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 558 / 823 | 67.8 (65.6 - 70.1) | 187 / 823 | 22.7 (20.1 - 25.3) | 247 / 823 | 30.0 (27.3 - 32.7) |
| | | | | | | | |
| Sex | Female | 339 / 477 | 71.1 (66.8 - 75.4) | 114 / 477 | 23.9 (19.9 - 27.9) | 147 / 477 | 30.7 (26.7 - 34.8) |
| | Male | 219 / 346 | 63.3 (58.2 - 68.4) | 73 / 346 | 21.0 (17.6 - 24.4) | 100 / 346 | 29.0 (26.1 - 31.9) |
| Age | 12 - 15 | 359 / 564 | 63.7 (60.7 - 66.7) | 137 / 564 | 24.3 (20.3 - 28.3) | 173 / 564 | 30.6 (27.2 - 34.0) |
| | 16 - 18 | 198 / 258 | 76.7 (73.1 - 80.3) | 50 / 258 | 19.2 (14.7 - 23.7) | 74 / 258 | 28.8 (24.1 - 33.5) |
| Neighbourhood deprivation | Low | 43 / 51 | 84.0 (73.3 - 94.8) | 15 / 51 | 29.2 (17.3 - 41.1) | 16 / 51 | 32.0 (17.6 - 46.3) |
| | Medium | 130 / 200 | 65.1 (58.6 - 71.7) | 49 / 200 | 24.6 (19.1 - 30.1) | 49 / 200 | 24.3 (17.6 - 30.9) |
| | High | 373 / 557 | 66.9 (64.0 - 69.9) | 117 / 557 | 20.9 (17.7 - 24.2) | 176 / 557 | 31.6 (29.2 - 33.9) |
| Household deprivation | Household deprivation | 265 / 416 | 63.7 (59.8 - 67.6) | 96 / 416 | 22.9 (19.2 - 26.7) | 134 / 416 | 32.2 (29.5 - 35) |
| | No household deprivation | 293 / 407 | 72.0 (67.7 - 76.4) | 91 / 407 | 22.4 (18.9 - 26) | 113 / 407 | 27.7 (23.6 - 31.9) |

Table 3j. *Reasons why Pacific students reported they did not get enough time with their father in 2012 continued*

| | | He chooses not to spend time with me | | I choose not to spend time with him | | I don't live with him | |
|---------------------------|--------------------------|--------------------------------------|----------------------|-------------------------------------|-----------------------|-----------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 89 / 823 | 10.8 (8.3 - 13.3) | 157 / 823 | 19.1 (16.3 - 22.0) | 191 / 823 | 23.2 (20.9 - 25.4) |
| | | | | | | | |
| Sex | Female | 55 / 477 | 11.5 (8.0 - 15.0) | 86 / 477 | 18.0 (14.7 - 21.4) | 117 / 477 | 24.6 (20.6 - 28.5) |
| | Male | 34 / 346 | 9.7 (6.6 - 12.9) | 71 / 346 | 20.6 (15.8 - 25.5) | 74 / 346 | 21.3 (17.8 - 24.7) |
| Age | 12 - 15 | 60 / 564 | 10.7 (7.7 - 13.7) | 102 / 564 | 18.1 (14.2 - 22.0) | 141 / 564 | 24.9 (21.7 - 28.2) |
| | 16 - 18 | 29 / 258 | 11.0 (7.8 - 14.2) | 55 / 258 | 21.4 (16.9 - 25.9) | 50 / 258 | 19.4 (16.5 - 22.3) |
| Neighbourhood deprivation | Low | 6 / 51 | 11.7 (3.4 - 19.9) | 9 / 51 | 17.5 (6.5 - 28.5) | 6 / 51 | 11.7 (2.3 - 21.1) |
| | Medium | 28 / 200 | 14.1 (8.3 - 19.9) | 45 / 200 | 22.6 (15.2 - 30.0) | 55 / 200 | 27.6 (21.0 - 34.2) |
| | High | 51 / 557 | 9.1 (7.0 - 11.2) | 98 / 557 | 17.6 (15.4 - 19.9) | 128 / 557 | 22.9 (19.9 - 25.9) |
| Household deprivation | Household deprivation | 48 / 416 | 11.5 (8.2 - 14.8) | 85 / 416 | 20.5 (17.2 - 23.9) | 106 / 416 | 25.5 (21.1 - 29.8) |
| | No household deprivation | 41 / 407 | 10.0 (6.6 - 13.5) | 72 / 407 | 17.7 (13.3 - 22.1) | 85 / 407 | 20.8 (18.1 - 23.6) |

Table 3k. *Parental monitoring of Pacific students in 2012*

| | | Family wants to know who you are with and where you are | |
|---------------------------|--------------------------|---|-----------------------|
| | | n / N | % 95% CI |
| Total | | 1327 / 1440 | 92.2 (90.7 - 93.7) |
| | | | |
| Sex | Female | 764 / 815 | 93.7 (92.4 - 95.0) |
| | Male | 563 / 625 | 90.2 (87.5 - 92.9) |
| Age | 12 - 15 | 907 / 988 | 91.9 (89.8 - 93.9) |
| | 16 - 18 | 419 / 451 | 92.9 (90.0 - 95.8) |
| Neighbourhood deprivation | Low | 84 / 92 | 91.1 (84.6 - 97.6) |
| | Medium | 297 / 316 | 94 (90.9 - 97) |
| | High | 924 / 1009 | 91.7 (90 - 93.3) |
| Household deprivation | Household deprivation | 641 / 709 | 90.5 (88.3 - 92.6) |
| | No household deprivation | 686 / 731 | 93.9 (91.9 - 95.9) |

Table 3I. People Pacific students live with in their main home 2012

| | n / N | % 95% CI |
|-------------------------|-------------|-----------------------|
| Mother | 1279 / 1442 | 88.8 (86.6 – 91.0) |
| Father | 1035 / 1442 | 71.8 (68.9 - 74.6) |
| Parents partner | 101 / 1442 | 7.0 (5.8 - 8.3) |
| Brothers and or sisters | 1098 / 1442 | 76.1 (72.7 - 79.6) |
| Grandparents | 239 / 1442 | 16.5 (14.0 - 19.1) |
| Other relatives | 256 / 1442 | 17.7 (15.5 - 19.9) |
| Friends | 16 / 1442 | 1.1 (0.6 - 1.6) |
| Friends parents | 19 / 1442 | 1.3 (0.7 – 2.0) |
| Girlfriend or boyfriend | 23 / 1442 | 1.6 (1.1 - 2.1) |
| Foster parents | 10 / 1442 | 0.7 (0.2 - 1.1) |
| Flatmates or boarders | 14 / 1442 | 1.0 (0.4 - 1.5) |
| Someone else | 36 / 1442 | 2.4 (1.5 - 3.4) |

Table 3m. *Economic hardship for Pacific students in 2012*

| | | Worry about not having enough food | | Moved home frequently | | Sleep in rooms that are not bedrooms | | Overcrowded home | | Neither parent is employed | |
|---------------------------|--------------------------|------------------------------------|-----------------------|-----------------------|-----------------------|--------------------------------------|-----------------------|------------------|-----------------------|----------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 314 / 1328 | 23.6 (20.7 - 26.4) | 183 / 1437 | 12.6 (10.9 - 14.4) | 517 / 1439 | 35.8 (31.8 - 39.9) | 290 / 1440 | 20.1 (16.2 - 24.0) | 167 / 1313 | 12.7 (10.3 - 15.2) |
| Sex | Female | 198 / 751 | 26.4 (23.1 - 29.6) | 115 / 814 | 14.1 (11.2 - 17.1) | 281 / 815 | 34.5 (29.7 - 39.4) | 168 / 816 | 20.6 (17.0 - 24.2) | 95 / 742 | 12.8 (9.8 - 15.9) |
| | Male | 116 / 577 | 20.0 (15.9 - 24.0) | 68 / 623 | 10.7 (8.2 - 13.2) | 236 / 624 | 37.6 (31.9 - 43.2) | 122 / 624 | 19.4 (14.2 - 24.5) | 72 / 571 | 12.6 (9.4 - 15.8) |
| Age | 12 - 15 | 213 / 906 | 23.5 (20.6 - 26.3) | 135 / 984 | 13.6 (11.6 - 15.7) | 352 / 986 | 35.6 (31.4 - 39.8) | 209 / 988 | 21.1 (16.4 - 25.9) | 112 / 903 | 12.4 (9.3 - 15.6) |
| | 16 - 18 | 101 / 421 | 23.9 (18.9 - 29.0) | 48 / 452 | 10.5 (7.9 - 13.0) | 165 / 452 | 36.4 (29.0 - 43.9) | 81 / 451 | 17.8 (13.5 - 22.2) | 55 / 409 | 13.4 (9.5 - 17.2) |
| Neighbourhood deprivation | Low | 8 / 85 | 9.4 (2.2 - 16.5) | 10 / 92 | 10.9 (5.1 - 16.6) | 17 / 92 | 18.7 (9.5 - 27.9) | 4 / 92 | 4.3 (0.2 - 8.5) | 3 / 88 | 3.4 (0.0 - 7.1) |
| | Medium | 63 / 285 | 22.1 (16.9 - 27.2) | 39 / 316 | 12.4 (9.2 - 15.6) | 80 / 314 | 25.5 (19.6 - 31.5) | 40 / 316 | 12.6 (9.0 - 16.3) | 27 / 292 | 9.2 (6.1 - 12.4) |
| | High | 240 / 935 | 25.6 (23.1 - 28.2) | 129 / 1005 | 12.7 (10.6 - 14.8) | 414 / 1009 | 40.9 (37.6 - 44.2) | 241 / 1008 | 23.9 (20.1 - 27.6) | 135 / 912 | 14.8 (11.8 - 17.8) |
| Household deprivation | Household deprivation | 274 / 669 | 41.0 (38.4 - 43.5) | 152 / 707 | 21.3 (17.5 - 25.1) | 413 / 710 | 58.1 (55.1 - 61) | 259 / 709 | 36.4 (32 - 40.8) | 156 / 644 | 24.2 (20.8 - 27.6) |
| | No household deprivation | 40 / 659 | 6.0 (4.3 - 7.7) | 31 / 730 | 4.3 (2.7 - 5.8) | 104 / 729 | 14.2 (11.4 - 17.1) | 31 / 731 | 4.2 (2.9 - 5.6) | 11 / 669 | 1.6 (0.7 - 2.6) |

Table 3m. *Economic hardship for Pacific students in 2012 continued*

| | | No car | | No computer | | No phone | | No holiday | |
|---------------------------|--------------------------|-----------|---------------------|-------------|-----------------------|------------|-----------------------|------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 60 / 1442 | 4.2 (2.9 - 5.6) | 192 / 1442 | 13.5 (10.8 - 16.1) | 208 / 1442 | 14.7 (12.6 - 16.7) | 528 / 1439 | 36.7 (33.0 - 40.3) |
| | | | | | | | | | |
| Sex | Female | 30 / 808 | 3.7 (1.9 - 5.5) | 114 / 808 | 14.1 (10.9 - 17.4) | 125 / 808 | 15.5 (13.1 - 17.8) | 306 / 815 | 37.6 (33 - 42.1) |
| | Male | 30 / 614 | 4.9 (3.2 - 6.6) | 78 / 614 | 12.6 (9.8 - 15.4) | 83 / 614 | 13.6 (10.2 - 16.9) | 222 / 624 | 35.5 (30.6 - 40.3) |
| Age | 12 - 15 | 47 / 978 | 4.8 (3.1 - 6.5) | 143 / 978 | 14.6 (11.5 - 17.8) | 141 / 978 | 14.5 (11.7 - 17.3) | 353 / 985 | 35.9 (31.9 - 39.9) |
| | 16 - 18 | 13 / 443 | 2.9 (1.5 - 4.3) | 49 / 443 | 11.0 (7.6 - 14.3) | 67 / 443 | 15.0(11.4 - 18.7) | 175 / 453 | 38.5 (33.7 - 43.2) |
| Neighbourhood deprivation | Low | 2 / 92 | 2.2 (0 - 6.5) | 5 / 92 | 5.4 (1.0 - 9.8) | 6 / 92 | 6.3 (1.5 - 11.0) | 22 / 92 | 23.8 (15.5 - 32.2) |
| | Medium | 11 / 315 | 3.5 (1.1 - 6.0) | 20 / 315 | 6.4 (3.6 - 9.2) | 40 / 315 | 12.8 (8.4 - 17.2) | 107 / 315 | 33.8 (27.1 - 40.4) |
| | High | 47 / 991 | 4.8 (3.1 - 6.5) | 161 / 991 | 16.2 (13.6 - 18.8) | 159 / 991 | 16.1 (14.2 - 17.9) | 393 / 1008 | 39.0 (35.5 - 42.6) |
| Household deprivation | Household deprivation | 59 / 696 | 8.5 (5.8 - 11.2) | 185 / 696 | 26.5 (22.7 - 30.4) | 192 / 696 | 27.6 (24.1 - 31.2) | 388 / 707 | 54.9 (50.4 - 59.4) |
| | No household deprivation | 1 / 726 | 0.1 (0 - 0.4) | 7 / 726 | 1 (0.2 - 1.7) | 16 / 726 | 2.2 (1.1 - 3.3) | 140 / 732 | 19.1 (15.7 - 22.5) |

Table 3n. *Number of houses Pacific students had in 2012*

| | | 1 house | | 2 or more houses | |
|---------------------------|--------------------------|-------------|-----------------------|------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1057 / 1443 | 73.2 (70.3 - 76.2) | 386 / 1443 | 26.8 (23.8 - 29.7) |
| Sex | Female | 595 / 817 | 72.8 (68.7 - 76.8) | 222 / 817 | 27.2 (23.2 - 31.3) |
| | Male | 462 / 626 | 73.8 (69.7 - 77.9) | 164 / 626 | 26.2 (22.1 - 30.3) |
| Age | 12 - 15 | 715 / 988 | 72.4 (68.8 - 75.9) | 273 / 988 | 27.6 (24.1 - 31.2) |
| | 16 - 18 | 341 / 454 | 75.1 (71.1 - 79.1) | 113 / 454 | 24.9 (20.9 - 28.9) |
| Neighbourhood deprivation | Low | 62 / 92 | 67.0 (57.2 - 76.7) | 30 / 92 | 33.0 (23.3 - 42.8) |
| | Medium | 224 / 315 | 70.9 (65.9 - 75.8) | 91 / 315 | 29.1 (24.2 - 34.1) |
| | High | 753 / 1011 | 74.6 (71.1 - 78.0) | 258 / 1011 | 25.4 (22.0 - 28.9) |
| Household deprivation | Household deprivation | 540 / 734 | 73.5 (69.8 - 77.1) | 194 / 734 | 26.5 (22.9 - 30.2) |
| | No household deprivation | 517 / 709 | 73.0 (67.8 - 78.2) | 192 / 709 | 27.0 (21.8 - 32.2) |

4. School Environments

4. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Table 4a. *School environments for Pacific young people between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|-----------------------------------|------------|-----------------------|-------------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Feel part of their school | 940 / 1107 | 84.6 (82.2 - 87.1) | 1062 / 1151 | 92.3 (90.4 - 94.1) | 1325 / 1438 | 92.2 (90.5 - 93.9) |
| Feel safe at school | 802 / 1106 | 72.3 (68.7 - 75.8) | 950 / 1133 | 83.8 (81.2 - 86.3) | 1258 / 1438 | 87.4 (85.5 - 89.3) |
| Plan to complete school | 866 / 1107 | 78.3 (74.8 - 81.7) | 960 / 1136 | 84.5 (81.6 - 87.3) | 1290 / 1435 | 90.0 (88.0 - 92.0) |
| An adult at school cares about me | 356 / 1103 | 32.3 (28.9 - 35.7) | 385 / 1145 | 33.5 (29.4 - 37.5) | 495 / 1438 | 34.4 (31.5 - 37.4) |

Comparisons between Pacific and New Zealand European students in 2012

Table 4b. School environment for Pacific and New Zealand European students in 2012

| | Pacific | | New Zealand European | |
|-----------------------------------|-------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Feel part of their school | 1325 / 1438 | 92.2 (90.5 - 93.9) | 3488 / 4017 | 86.8 (85.5 - 88.1) |
| Feel safe at school | 1258 / 1438 | 87.4 (85.5 - 89.4) | 3513 / 4017 | 87.4 (85.4 - 89.4) |
| Plan to complete school | 1290 / 1435 | 90.0 (87.9 - 92.0) | 3486 / 4018 | 86.9 (85.1 - 88.6) |
| An adult at school cares about me | 495 / 1438 | 34.4 (31.4 - 37.4) | 1068 / 4014 | 26.4 (24.5 - 28.4) |

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 4c. *School environment for Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|-----------------------------------|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Feel part of their school | 416 / 430 | 96.7 (94.6 - 98.8) | 224 / 241 | 92.9 (89.7 - 96.2) | 145 / 161 | 90.0 (85.8 - 94.2) |
| Feel safe at school | 395 / 430 | 91.8 (88.6 - 95) | 206 / 241 | 85.5 (81.6 - 89.4) | 139 / 161 | 86.3 (82.0 - 90.6) |
| Plan to complete school | 395 / 428 | 92.3 (89.9 - 94.7) | 216 / 239 | 90.4 (86.3 - 94.5) | 149 / 161 | 92.5 (87.8 - 97.2) |
| An adult at school cares about me | 165 / 430 | 38.4 (33.2 - 43.5) | 94 / 240 | 39.2 (33.2 - 45.1) | 44 / 160 | 27.6 (19.3 - 35.9) |

4. School Environment- Part B. Additional results

Results for Pacific Students in 2012

Table 4d. School engagement for Pacific students in 2012

| | | Like school a lot or think it is ok | | Feel part of their school | | Feel it is important that they attend school | | Have wagged or skipped school | |
|---------------------------|--------------------------|-------------------------------------|-----------------------|---------------------------|-----------------------|--|------------------------|-------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1368 / 1439 | 95.1 (93.6 - 96.5) | 1325 / 1438 | 92.2 (90.5 - 93.9) | 1402 / 1438 | 97.5 (96.5 - 98.5) | 454 / 1437 | 31.5 (27.9 - 35.1) |
| | | | | | | | | | |
| Sex | Female | 777 / 817 | 95.1 (93.6 - 96.6) | 748 / 815 | 91.8 (89.7-93.9) | 792 / 815 | 97.2 (96.0-98.4) | 265 / 814 | 32.5 (26.8-38.2) |
| | Male | 591 / 622 | 95.1 (92.6 - 97.5) | 577 / 623 | 92.7 (90.3-95.2) | 610 / 623 | 98.0 (96.7-99.2) | 189 / 623 | 30.2 (27.0-33.3) |
| Age | 12 - 15 | 945 / 988 | 95.7 (94.3 - 97.0) | 909 / 986 | 92.2 (90.4 - 94.0) | 960 / 985 | 97.5 (96.4 - 98.6) | 276 / 983 | 28.0 (23.8 - 32.1) |
| | 16 - 18 | 422 / 450 | 93.8 (91.5 - 96.1) | 415 / 451 | 92.1 (89.2 - 95.1) | 441 / 452 | 97.6 (95.9 - 99.3) | 178 / 453 | 39.2 (33.8 - 44.6) |
| Neighbourhood deprivation | Low | 88 / 92 | 95.7 (91.3 - 100) | 80 / 92 | 87.0 (79.6 - 94.4) | 90 / 92 | 97.8 (94.8 - 100.0) | 23 / 92 | 25.0 (15.7 - 34.2) |
| | Medium | 292 / 316 | 92.3 (88.6 - 96.1) | 279 / 315 | 88.6 (84.9 - 92.3) | 303 / 314 | 96.4 (94.3 - 98.5) | 92 / 314 | 29.4 (24.2 - 34.7) |
| | High | 966 / 1007 | 96.0 (94.5 - 97.4) | 945 / 1007 | 93.9 (92.1 - 95.7) | 986 / 1008 | 97.9 (96.7 - 99.1) | 333 / 1007 | 32.9 (28.1 - 37.7) |
| Household deprivation | Household deprivation | 666 / 707 | 94.2 (92.1 - 96.2) | 651 / 706 | 92.3 (90.0 - 94.6) | 686 / 706 | 97.1 (95.6 - 98.7) | 247 / 706 | 34.9 (30.4 - 39.5) |
| | No household deprivation | 702 / 732 | 96.0 (94.4 - 97.5) | 674 / 732 | 92.1 (89.8 - 94.4) | 716 / 732 | 97.9 (96.7 - 99.0) | 207 / 731 | 28.2 (24.0 - 32.4) |

Table 4e. *School safety for Pacific students in 2012*

| | | Feel safe at school all or most of the time | | Afraid someone would hurt or bother them at school | | Bullied at school weekly or more often | | Did not go to school because of bullying at least in the last month | |
|---------------------------|--------------------------|---|-----------------------|--|--------------------|--|--------------------|---|---------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1258 / 1438 | 87.4 (85.5 - 89.4) | 88 / 1439 | 6.1 (4.4 - 7.8) | 56 / 1429 | 3.9 (2.6 - 5.3) | 86 / 1428 | 6.0 (4.7 - 7.3) |
| Sex | Female | 718 / 814 | 88.2 (85.1 - 91.3) | 45 / 815 | 5.5 (3.6 - 7.5) | 29 / 809 | 3.6 (1.9 - 5.3) | 57 / 810 | 7.0 (5.4 - 8.7) |
| | Male | 540 / 624 | 86.4 (83.8 - 89) | 43 / 624 | 6.9 (4.6 - 9.2) | 27 / 620 | 4.4 (2.4 - 6.3) | 29 / 618 | 4.7 (2.7 - 6.7) |
| Age | 12 - 15 | 847 / 984 | 86 (83.5 - 88.5) | 70 / 985 | 7.1 (5.1 - 9.1) | 47 / 981 | 4.8 (3.1 - 6.5) | 70 / 981 | 7.1 (5.6 - 8.7) |
| | 16 - 18 | 410 / 453 | 90.5 (87.8 - 93.1) | 18 / 453 | 4.0 (1.9 - 6.1) | 9 / 447 | 2.1 (0.6 - 3.5) | 16 / 446 | 3.6 (1.2 - 6.0) |
| Neighbourhood deprivation | Low | 76 / 92 | 82.4 (72.9 - 91.9) | 5 / 92 | 5.4 (1.0 - 9.8) | 3 / 92 | 3.3 (0 - 6.8) | 8 / 92 | 8.7 (2.8 - 14.6) |
| | Medium | 266 / 315 | 84.3 (81.4 - 87.2) | 23 / 315 | 7.4 (5.0 - 9.7) | 13 / 313 | 4.2 (2.1 - 6.3) | 21 / 314 | 6.7 (3.9 - 9.6) |
| | High | 896 / 1007 | 89.0 (86.8 - 91.2) | 58 / 1008 | 5.8 (3.7 - 7.9) | 38 / 1000 | 3.8 (2.2 - 5.4) | 56 / 998 | 5.6 (4.3 - 6.9) |
| Household deprivation | Household deprivation | 613 / 708 | 86.5 (83.5 - 89.6) | 44 / 707 | 6.2 (3.9 - 8.5) | 31 / 701 | 4.4 (2.4 - 6.4) | 51 / 700 | 7.3 (5.2 - 9.4) |
| | No household deprivation | 645 / 730 | 88.3 (86.2 - 90.4) | 44 / 732 | 6.0 (4.0 - 8.1) | 25 / 728 | 3.5 (2.1 - 4.8) | 35 / 728 | 4.8 (3.3 - 6.4) |

Table 4f. *School relationships for Pacific students in 2012*

| | | Adults at school care a lot | | Teachers are fair most of the time | | Students usually get on with teachers | |
|---------------------------|--------------------------|-----------------------------|-----------------------|------------------------------------|-----------------------|---------------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 495 / 1438 | 34.4 (31.4 - 37.4) | 638 / 1437 | 44.4 (41.3 - 47.5) | 760 / 1438 | 52.9 (49.0 - 56.7) |
| | | | | | | | |
| Sex | Female | 308 / 816 | 37.7 (33.5 - 41.9) | 366 / 815 | 44.9 (40.8 - 49.0) | 458 / 814 | 56.3 (50.9 - 61.7) |
| | Male | 187 / 622 | 30.1 (26.5 - 33.7) | 272 / 622 | 43.8 (40.1 - 47.5) | 302 / 624 | 48.3 (44.9 - 51.8) |
| Age | 12 - 15 | 315 / 984 | 32.0 (28.5 - 35.4) | 422 / 984 | 42.9 (38.1 - 47.7) | 488 / 984 | 49.6 (45.7 - 53.5) |
| | 16 - 18 | 180 / 453 | 39.7 (35.0 - 44.5) | 216 / 452 | 47.8 (44.1 - 51.5) | 272 / 453 | 60.0 (53.5 - 66.4) |
| Neighbourhood deprivation | Low | 35 / 92 | 37.7 (28.8 - 46.6) | 45 / 92 | 48.6 (36.7 - 60.4) | 54 / 92 | 58.3 (45.3 - 71.3) |
| | Medium | 105 / 315 | 33.3 (27.6 - 39.0) | 145 / 314 | 46.2 (39.7 - 52.7) | 180 / 315 | 57.2 (51.3 - 63.1) |
| | High | 345 / 1007 | 34.3 (31.1 - 37.4) | 441 / 1007 | 43.9 (39.9 - 47.8) | 516 / 1007 | 51.3 (46.7 - 55.8) |
| Household deprivation | Household deprivation | 243 / 706 | 34.4 (32.0 - 36.8) | 283 / 706 | 40.1 (36.6 - 43.6) | 343 / 707 | 48.5 (44.6 - 52.3) |
| | No household deprivation | 252 / 732 | 34.4 (29.8 - 39.1) | 355 / 731 | 48.6 (44.1 - 53.1) | 417 / 731 | 57.1 (51.7 - 62.5) |

Table 4g. *Pacific students' school expectations and achievement in 2012*

| | | People at school expect student to do well | | Students are proud or somewhat proud of their schoolwork | | Plan to complete school (Year 13) | | Students try to get the best grades they can | |
|---------------------------|--------------------------|--|-----------------------|--|------------------------|-----------------------------------|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1285 / 1429 | 90.0 (88.1 - 91.9) | 1393 / 1438 | 96.9 (95.9 - 97.9) | 1290 / 1435 | 90.0 (87.9 - 92.0) | 964 / 1382 | 69.7 (64.5 - 74.9) |
| Sex | Female | 731 / 809 | 90.4 (88.0 - 92.8) | 792 / 814 | 97.3 (96.2 - 98.4) | 750 / 813 | 92.3 (90.3 - 94.2) | 573 / 796 | 72.0 (65.6 - 78.3) |
| | Male | 554 / 620 | 89.4 (86.9 - 91.9) | 601 / 624 | 96.4 (94.8 - 98.0) | 540 / 622 | 87.0 (84.3 - 89.8) | 391 / 586 | 66.5 (61.2 - 71.8) |
| Age | 12 - 15 | 872 / 978 | 89.2 (87.3 - 91.2) | 952 / 984 | 96.8 (95.6 - 98.0) | 858 / 981 | 87.5 (85.0 - 90.0) | 658 / 946 | 69.4 (63.9 - 75.0) |
| | 16 - 18 | 412 / 450 | 91.6 (88.2 - 94.9) | 440 / 453 | 97.1 (95.2 - 99.1) | 431 / 453 | 95.3 (92.9 - 97.6) | 305 / 435 | 70.1 (63.9 - 76.3) |
| Neighbourhood deprivation | Low | 78 / 91 | 85.5 (79.6 - 91.5) | 89 / 92 | 96.7 (93.1 - 100.0) | 83 / 91 | 91.0 (84.4 - 97.6) | 50 / 90 | 55.2 (43.4 - 66.9) |
| | Medium | 277 / 313 | 88.6 (85.1 - 92.2) | 305 / 315 | 96.8 (94.6 - 99.1) | 277 / 314 | 88.2 (84.0 - 92.4) | 178 / 306 | 57.9 (51.3 - 64.5) |
| | High | 908 / 1002 | 90.6 (88.6 - 92.7) | 977 / 1007 | 97.0 (95.9 - 98.1) | 911 / 1006 | 90.7 (88.5 - 92.9) | 724 / 964 | 75.1 (70.6 - 79.6) |
| Household deprivation | Household deprivation | 625 / 702 | 89.0 (86.2 - 91.8) | 686 / 707 | 97.0 (95.8 - 98.3) | 621 / 705 | 88.2 (84.9 - 91.6) | 502 / 679 | 73.9 (69.0 - 78.7) |
| | No household deprivation | 660 / 727 | 90.9 (88.4 - 93.3) | 707 / 731 | 96.8 (95.5 - 98.0) | 669 / 730 | 91.7 (89.4 - 94.0) | 462 / 703 | 65.6 (59.4 - 71.8) |

Table 4h. *Parental engagement in school of Pacific students in 2012*

| | | A member of student's family have gone to a parent teacher meeting | | A family member has helped out at school | | A family member helped with school work | | Family member has gone to a school event | | Parents think it is very important that the student goes to school | |
|---------------------------|--------------------------|--|-----------------------|--|-----------------------|---|-----------------------|--|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 789 / 1439 | 54.9 (50.9 - 58.9) | 273 / 1439 | 18.9 (16.2 - 21.7) | 835 / 1439 | 58.1 (55.2 - 60.9) | 663 / 1439 | 46.1 (42.2 - 49.9) | 1422 / 1438 | 99.0 (98.4 - 99.6) |
| Sex | Female | 451 / 815 | 55.3 (50.7 - 60.0) | 154 / 815 | 18.9 (15.7 - 22.1) | 486 / 815 | 59.6 (55.8 - 63.3) | 384 / 815 | 47.1 (41.1 - 53.2) | 805 / 815 | 98.8 (98.0 - 99.6) |
| | Male | 338 / 624 | 54.3 (49.1 - 59.6) | 119 / 624 | 19.0 (15.5 - 22.4) | 349 / 624 | 56.1 (52.2 - 59.9) | 279 / 624 | 44.6 (39.9 - 49.4) | 617 / 623 | 99.2 (98.5 - 99.9) |
| Age | 12 - 15 | 545 / 985 | 55.4 (51.3 - 59.5) | 178 / 985 | 18.0 (15.2 - 20.9) | 608 / 985 | 61.7 (58.2 - 65.3) | 438 / 985 | 44.4 (39.7 - 49.1) | 976 / 985 | 99.1 (98.5 - 99.8) |
| | 16 - 18 | 243 / 453 | 53.8 (49.2 - 58.3) | 95 / 453 | 20.9 (17.4 - 24.5) | 226 / 453 | 50.0 (46.3 - 53.7) | 224 / 453 | 49.6 (44 - 55.2) | 445 / 452 | 98.6 (97.4 - 99.7) |
| Neighbourhood deprivation | Low | 56 / 92 | 60.9 (50.0 - 71.9) | 26 / 92 | 28.2 (19.8 - 36.6) | 62 / 92 | 67.2 (57.5 - 76.9) | 47 / 92 | 51.2 (40.8 - 61.5) | 90 / 92 | 97.8 (94.7-100.0) |
| | Medium | 180 / 315 | 57.2 (51.2 - 63.2) | 69 / 315 | 21.8 (17.1 - 26.2) | 193 / 315 | 61.2 (56.1 - 66.2) | 137 / 315 | 43.3 (35.8 - 50.9) | 312 / 315 | 99.1 (97.9-100.0) |
| | High | 535 / 1008 | 53.1 (48.1 - 58.1) | 173 / 1008 | 17.1 (14.7 - 19.6) | 567 / 1008 | 56.3 (53.5 - 59.2) | 467 / 1008 | 46.3 (42.5 - 50.2) | 996 / 1007 | 99.0 (98.3 - 99.7) |
| Household deprivation | Household deprivation | 363 / 708 | 51.4 (45.5 - 57.3) | 131 / 708 | 18.5 (15.0 - 22.0) | 362 / 708 | 51.3 (48.4 - 54.1) | 313 / 708 | 44.3 (39.9 - 48.6) | 695 / 706 | 98.5 (97.4 - 99.6) |
| | No household deprivation | 426 / 731 | 58.3 (53.6 - 63.0) | 142 / 731 | 19.3 (16.4 - 22.2) | 473 / 731 | 64.6 (61.4 - 67.9) | 350 / 731 | 47.8 (43.3 - 52.3) | 727 / 732 | 99.4 (98.8 - 99.9) |

5. Nutrition and Exercise

5. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2007 and 2012

Table 5a. *Body size and nutrition for Pacific students between 2007 and 2012*

| | 2007 | | 2012 | |
|---|------------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Overweight or obese | 668 / 1106 | 60.5 (57.1 - 63.8) | 932 / 1415 | 65.9 (60.8 - 71.1) |
| Ate daily recommended fruit and vegetables | 426 / 1071 | 39.8 (36.3 - 43.3) | 557 / 1362 | 40.8 (38.0 - 43.6) |
| Consumed 4 or more fizzy drinks in the past 7 days | 505 / 1068 | 47.4 (42.8 - 52.0) | 548 / 1369 | 40.0 (35.9 - 44.1) |
| Takeaways eaten at least 4 times in the last 7 days | 332 / 1086 | 30.7 (26.1 - 35.3) | 440 / 1373 | 32.0 (27.4 - 36.7) |

Comparisons between Pacific and New Zealand European students in 2012

Figure 5b. *Body size and healthy nutrition for Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|--|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Overweight or obese | 932 / 1415 | 65.9 (60.8 - 71.1) | 1123 / 3974 | 28.2 (26.3 - 30.1) |
| Ate daily recommended fruit and vegetables | 557 / 1362 | 40.8 (37.9 - 43.6) | 1058 / 3975 | 26.7 (24.9 - 28.6) |

Figure 5c. *Poor nutrition for Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|---|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Fast food eaten at least 4 times in the last 7 days | 226 / 1373 | 16.4 (13.9 - 18.9) | 123 / 3980 | 3.1 (2.5 - 3.7) |
| Takeaways eaten at least 4 times in the last 7 days | 270 / 1373 | 19.6 (16.7 - 22.5) | 91 / 3980 | 2.3 (1.8 - 2.9) |
| Ate food from a dairy or petrol station at least 4 times in the last 7 days | 315 / 1373 | 22.9 (18.7 - 27.2) | 162 / 3980 | 4.1 (3.4 - 4.8) |
| Consumed 4 or more fizzy drinks in the past 7 days | 548 / 1369 | 40.0 (35.8 - 44.2) | 669 / 3993 | 16.8 (14.9 - 18.7) |
| Consumed 4 or more energy drinks in the past 7 days | 373 / 1369 | 27.2 (23.9 - 30.5) | 274 / 3993 | 6.9 (5.7 - 8.1) |

Comparisons between Samoan, Tongan and Cook Island students in 2012

Figure 5d. *Body size and healthy nutrition for Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|--|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Overweight or obese | 331 / 426 | 77.7 (72.4 – 83.0) | 190 / 240 | 79.2 (72.0 - 86.4) | 98 / 158 | 61.9 (52.5 - 71.3) |
| Ate daily recommended fruit and vegetables | 171 / 403 | 42.4 (36.9 - 47.9) | 111 / 226 | 49.1 (43.5 - 54.7) | 69 / 153 | 44.9 (34.8 – 55.0) |

Figure 5e. *Poor nutrition for Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|---|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Fast food eaten at least 4 times in the last 7 days | 77 / 407 | 18.9 (16.1 - 21.8) | 52 / 231 | 22.5 (16.0 – 29.0) | 25 / 155 | 16.2 (12.3 – 20.0) |
| Takeaways eaten at least 4 times in the last 7 days | 106 / 407 | 26.0 (21.8 - 30.3) | 49 / 231 | 21.2 (15.4 – 27.0) | 32 / 155 | 20.7 (14.7 - 26.7) |
| Ate food from a dairy or petrol station at least 4 times in the last 7 days | 113 / 407 | 27.8 (23.0 - 32.6) | 80 / 231 | 34.6 (25.8 - 43.5) | 32 / 155 | 20.7 (15.6 - 25.9) |
| Consumed 4 or more fizzy drinks in the past 7 days | 164 / 407 | 40.3 (34.1 - 46.5) | 107 / 223 | 48.0 (42.0 – 54.0) | 64 / 156 | 41.2 (31.4 – 51.0) |
| Consumed 4 or more energy drinks in the past 7 days | 119 / 407 | 29.3 (24.9 - 33.7) | 66 / 223 | 29.6 (22.9 - 36.3) | 46 / 156 | 29.6 (22.1 - 37.1) |

5. Part B. Additional results

Results for Pacific Students in 2012

Figure 5f. *Body size of Pacific students in 2012*

| | | Underweight | | Average weight | | Overweight | | Obese | |
|---------------------------|--------------------------|-------------|--------------------|----------------|-----------------------|------------|-----------------------|------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 20 / 1415 | 1.4 (0.7 - 2.2) | 463 / 1415 | 32.7 (27.7 - 37.6) | 467 / 1415 | 33.0 (30.5 - 35.5) | 465 / 1415 | 32.9 (28.5 - 37.3) |
| | | | | | | | | | |
| Sex | Female | 11 / 794 | 1.4 (0.4 - 2.4) | 228 / 794 | 28.6 (22.6 - 34.6) | 273 / 794 | 34.4 (31.1 - 37.7) | 282 / 794 | 35.6 (29.5 - 41.6) |
| | Male | 9 / 621 | 1.5 (0.7 - 2.2) | 235 / 621 | 37.8 (32.8 - 42.8) | 194 / 621 | 31.2 (27.6 - 34.8) | 183 / 621 | 29.5 (25.4 - 33.7) |
| Age | 12 - 15 | 10 / 967 | 1.0 (0.5 - 1.6) | 332 / 967 | 34.3 (28.3 - 40.2) | 323 / 967 | 33.4 (29.5 - 37.3) | 302 / 967 | 31.3 (26.3 - 36.3) |
| | 16 - 18 | 10 / 448 | 2.2 (0.6 - 3.9) | 131 / 448 | 29.2 (23.8 - 34.6) | 144 / 448 | 32.2 (28.2 - 36.2) | 163 / 448 | 36.4 (31.2 - 41.6) |
| Neighbourhood deprivation | Low | 2 / 90 | 2.2 (0 - 5.3) | 47 / 90 | 52.1 (41.4 - 62.8) | 28 / 90 | 31.0 (21.6 - 40.5) | 13 / 90 | 14.7 (8.2 - 21.1) |
| | Medium | 6 / 309 | 1.9 (0.5 - 3.3) | 131 / 309 | 42.4 (36.4 - 48.5) | 98 / 309 | 31.7 (27.5 - 36.0) | 74 / 309 | 23.9 (18.4 - 29.4) |
| | High | 12 / 998 | 1.2 (0.3 - 2.1) | 275 / 998 | 27.4 (23.1 - 31.8) | 336 / 998 | 33.7 (30.6 - 36.8) | 375 / 998 | 37.7 (34.0 - 41.3) |
| Household deprivation | Household deprivation | 6 / 692 | 0.9 (0.3 - 1.4) | 199 / 692 | 28.6 (24.0 - 33.3) | 226 / 692 | 32.7 (28.6 - 36.7) | 261 / 692 | 37.8 (33.7 - 41.9) |
| | No household deprivation | 14 / 723 | 1.9 (0.6 - 3.3) | 264 / 723 | 36.5 (30.3 - 42.7) | 241 / 723 | 33.3 (30.1 - 36.6) | 204 / 723 | 28.2 (22.6 - 33.8) |

Figure 5g. *Pacific student's weight concerns in 2012*

| | | Has tried to lose weight | | Worried about gaining weight a lot or a little | | Teased by peers about weight | | Teased by family about weight | |
|---------------------------|--------------------------|--------------------------|-----------------------|--|-----------------------|------------------------------|-----------------------|-------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 947 / 1379 | 68.6 (64.5 - 72.7) | 904 / 1381 | 65.5 (62.2 - 68.7) | 461 / 1381 | 33.4 (31.1 - 35.6) | 482 / 1384 | 34.8 (32.3 - 37.3) |
| | | | | | | | | | |
| Sex | Female | 605 / 792 | 76.3 (72.1 - 80.6) | 605 / 790 | 76.5 (74.4 - 78.7) | 313 / 793 | 39.5 (36.4 - 42.6) | 344 / 792 | 43.5 (40.4 - 46.5) |
| | Male | 342 / 587 | 58.2 (53.8 - 62.6) | 299 / 591 | 50.6 (46.7 - 54.6) | 148 / 588 | 25.3 (21.8 - 28.8) | 138 / 592 | 23.3 (20.6 - 26.0) |
| Age | 12 - 15 | 648 / 948 | 68.3 (64.3 - 72.3) | 623 / 952 | 65.5 (62.9 - 68.0) | 306 / 953 | 32.2 (29.1 - 35.3) | 303 / 954 | 31.8 (28.7 - 34.9) |
| | 16 - 18 | 299 / 430 | 69.5 (64.2 - 74.8) | 280 / 428 | 65.3 (58.8 - 71.8) | 155 / 427 | 36.3 (31.9 - 40.6) | 178 / 429 | 41.3 (37.1 - 45.6) |
| Neighbourhood deprivation | Low | 62 / 91 | 68.2 (58.8 - 77.7) | 59 / 91 | 64.7 (54.3 - 75.1) | 29 / 90 | 32.2 (21.5 - 42.8) | 34 / 92 | 36.9 (26.6 - 47.2) |
| | Medium | 190 / 307 | 61.8 (56.7 - 66.8) | 190 / 308 | 61.6 (57.2 - 66.0) | 90 / 309 | 29.2 (23.5 - 34.9) | 101 / 309 | 32.6 (27.6 - 37.7) |
| | High | 683 / 963 | 70.9 (65.1 - 76.6) | 646 / 963 | 67.2 (63.0 - 71.3) | 334 / 963 | 34.7 (32.1 - 37.4) | 338 / 964 | 35.1 (32.1 - 38.0) |
| Household deprivation | Household deprivation | 481 / 669 | 71.9 (66.6 - 77.3) | 458 / 668 | 68.7 (64.2 - 73.2) | 249 / 671 | 37.2 (34.2 - 40.1) | 278 / 670 | 41.5 (37.5 - 45.6) |
| | No household deprivation | 466 / 710 | 65.5 (60.1 - 70.8) | 446 / 713 | 62.4 (58.1 - 66.8) | 212 / 710 | 29.9 (26.8 - 33.0) | 204 / 714 | 28.5 (25.4 - 31.6) |

Figure 5h. *Pacific student's nutrition in 2012*

| | | Always eats breakfast | | Usually get lunch from home | | Doesn't usually have lunch | | Had a family meal together at least once in the last week | | Ate 2+ fruit and 3+ vegetables a day | |
|---------------------------|--------------------------|-----------------------|-----------------------|-----------------------------|-----------------------|----------------------------|--------------------|---|-----------------------|--------------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 443 / 1399 | 31.5 (27.8 - 35.3) | 1224 / 1406 | 87.0 (85.4 - 88.7) | 49 / 1406 | 3.5 (2.7 - 4.3) | 812 / 1397 | 41.9 (38.9 - 44.8) | 557 / 1362 | 40.8 (37.9 - 43.6) |
| | | | | | | | | | | | |
| Sex | Female | 201 / 801 | 25.0 (21.0 - 29.1) | 696 / 802 | 86.8 (85.2 - 88.4) | 27 / 802 | 3.4 (2.1 - 4.7) | 447 / 799 | 55.9 (51.8 - 60.1) | 307 / 786 | 39.1 (35.7 - 42.4) |
| | Male | 242 / 598 | 40.2 (35.3 - 45.1) | 528 / 604 | 87.4 (84.3 - 90.6) | 22 / 604 | 3.6 (2.1 - 5.1) | 365 / 598 | 61.1 (58.0 - 64.2) | 250 / 576 | 43.1 (39.0 - 47.1) |
| Age | 12 - 15 | 309 / 960 | 32.0 (28.4 - 35.6) | 845 / 965 | 87.6 (85.4 - 89.7) | 26 / 965 | 2.6 (1.7 - 3.6) | 566 / 956 | 59.2 (56.2 - 62.2) | 389 / 939 | 41.2 (37.6 - 44.8) |
| | 16 - 18 | 133 / 438 | 30.3 (24.1 - 36.5) | 378 / 440 | 85.9 (83.7 - 88.0) | 23 / 440 | 5.3 (3.7 - 6.8) | 245 / 440 | 55.8 (49.8 - 61.7) | 167 / 422 | 39.6 (35.2 - 44.0) |
| Neighbourhood deprivation | Low | 43 / 91 | 46.9 (36.1 - 57.7) | 84 / 92 | 91.3 (86.3 - 96.4) | 2 / 92 | 2.2 (0 - 5.1) | 55 / 91 | 60.3 (50.6 - 70.0) | 27 / 89 | 30.5 (21.1 - 39.8) |
| | Medium | 123 / 312 | 39.3 (33.6 - 45.0) | 276 / 313 | 88.1 (85.0 - 91.2) | 18 / 313 | 5.8 (3.8 - 7.9) | 180 / 311 | 57.8 (52.6 - 63.0) | 116 / 304 | 38.1 (31.7 - 44.5) |
| | High | 268 / 975 | 27.3 (23.9 - 30.7) | 846 / 980 | 86.3 (84.3 - 88.4) | 28 / 980 | 2.8 (2.0 - 3.6) | 567 / 974 | 58.3 (54.4 - 62.2) | 406 / 951 | 42.5 (39.2 - 45.9) |
| Household deprivation | Household deprivation | 171 / 681 | 24.9 (21.0 - 28.7) | 570 / 685 | 83.1 (81.5 - 84.8) | 27 / 685 | 3.9 (2.8 - 5.1) | 361 / 680 | 53.1 (49.4 - 56.9) | 275 / 660 | 41.5 (38.0 - 45.1) |
| | No household deprivation | 272 / 718 | 37.8 (33.7 - 41.9) | 654 / 721 | 90.7 (88.3 - 93.1) | 22 / 721 | 3.0 (1.8 - 4.2) | 451 / 717 | 62.9 (58.6 - 67.2) | 282 / 702 | 40.0 (35.8 - 44.3) |

Figure 5i. *Pacific student's poor nutrition in 2012*

| | | Fast food eaten at least 4 times in the last 7 days | | Other takeaways eaten at least 4 times in the last 7 days | | Ate food from a dairy or petrol station at least 4 times in the last 7 days | | Consumed 4 or more fizzy drinks in the past 7 days | | Consumed 4 or more energy drinks in the last 7 days | |
|---------------------------|--------------------------|---|-----------------------|---|-----------------------|---|-----------------------|--|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 226 / 1373 | 16.4 (13.9 - 18.9) | 270 / 1373 | 19.6 (16.7 - 22.5) | 315 / 1373 | 22.9 (18.7 - 27.2) | 548 / 1369 | 40.0 (35.8 - 44.2) | 373 / 1369 | 27.2 (23.9 - 30.5) |
| | | | | | | | | | | | |
| Sex | Female | 128 / 790 | 16.2 (12.8 - 19.5) | 147 / 790 | 18.6 (14.8 - 22.3) | 183 / 790 | 23.1 (18.7 - 27.6) | 300 / 785 | 38.2 (33.4 - 42.9) | 187 / 785 | 23.8 (19.8 - 27.8) |
| | Male | 98 / 583 | 16.7 (13.6 - 19.8) | 123 / 583 | 21.0 (16.7 - 25.3) | 132 / 583 | 22.7 (17.6 - 27.8) | 248 / 584 | 42.5 (37.6 - 47.3) | 186 / 584 | 31.8 (28.8 - 34.8) |
| Age | 12 - 15 | 162 / 943 | 17.1 (13.7 - 20.5) | 188 / 943 | 19.9 (16.3 - 23.4) | 228 / 943 | 24.2 (19.7 - 28.6) | 395 / 942 | 41.9 (37.0 - 46.7) | 263 / 942 | 27.9 (24.2 - 31.6) |
| | 16 - 18 | 64 / 429 | 14.9 (11.9 - 17.9) | 82 / 429 | 19.1 (15.6 - 22.6) | 87 / 429 | 20.3 (15.0 - 25.6) | 153 / 426 | 36.0 (30.4 - 41.6) | 110 / 426 | 25.8 (20.3 - 31.3) |
| Neighbourhood deprivation | Low | 7 / 90 | 7.8 (1.5 - 14.0) | 6 / 90 | 6.7 (0.7 - 12.6) | 8 / 90 | 8.9 (3.2 - 14.5) | 27 / 91 | 29.4 (16.9 - 41.8) | 13 / 91 | 14.0 (6.7-21.3) |
| | Medium | 38 / 307 | 12.5 (8.4 - 16.7) | 41 / 307 | 13.5 (8.7 - 18.3) | 43 / 307 | 14.1 (8.9 - 19.3) | 97 / 307 | 31.8 (24.5 - 39.1) | 70 / 307 | 23.0 (17.7 - 28.3) |
| | High | 177 / 956 | 18.4 (15.7 - 21.1) | 218 / 956 | 22.7 (19.4 - 26.0) | 257 / 956 | 26.9 (22.6 - 31.1) | 420 / 953 | 44.0 (39.2 - 48.8) | 286 / 953 | 29.9 (26.4 - 33.5) |
| Household deprivation | Household deprivation | 120 / 664 | 18.1 (15.7 - 20.4) | 160 / 664 | 24.1 (21.6 - 26.6) | 192 / 664 | 29.0 (24.2-33.9) | 304 / 663 | 45.8 (40.8 - 50.8) | 200 / 663 | 30.1 (27.1 - 33.1) |
| | No household deprivation | 106 / 709 | 14.9 (11.2 - 18.5) | 110 / 709 | 15.4 (11.9 - 18.9) | 123 / 709 | 17.3 (13.7 - 20.8) | 244 / 706 | 34.6 (29.1-40.0) | 173 / 706 | 24.5 (20.2 - 28.8) |

6. General Health and Access to Healthcare

6. Part A. Data that relates to figures in the Youth'12 Pacific Report

Health and wellbeing

Comparisons between 2001, 2007 and 2012

Table 6a. *Health and wellbeing of Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|--|------------|-----------------------|-------------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Health is excellent, good or very good | 984 / 1118 | 88.2 (86.4 – 90.0) | 972 / 1126 | 86.3 (84.2 - 88.3) | 1250 / 1427 | 87.6 (85.6 - 89.5) |
| Good general wellbeing | - | - | 882 / 1081 | 81.5 (79.4 - 83.7) | 1090 / 1375 | 79.3 (76.4 - 82.1) |
| Satisfied with life | 922 / 1112 | 82.6 (79.4 - 85.8) | 1026 / 1115 | 92.0 (90.5 - 93.5) | 1322 / 1420 | 93.1 (91.9 - 94.3) |

Good general wellbeing question was not asked in 2001

The question that relates to being 'satisfied with life' is 'Are you happy or satisfied with your life?', this question has been widely used in international child and youth health surveys (Huebner, 1991).

Comparisons between Pacific and New Zealand European students in 2012

Table 6b. *Health and wellbeing of Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|--|-------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Health is excellent, good or very good | 1250 / 1427 | 87.6 (85.6 - 89.5) | 3742 / 4017 | 93.2 (92.2 - 94.1) |
| Good general wellbeing | 1090 / 1375 | 79.3 (76.4 - 82.1) | 3058 / 3978 | 76.9 (75.4 - 78.3) |
| Satisfied with life | 1026 / 1115 | 92.0 (90.5 - 93.5) | 3692 / 4005 | 92.2 (91.3 - 93.1) |

The question that relates to being 'satisfied with life' is 'Are you happy or satisfied with your life?', this question has been widely used in international child and youth health surveys (Huebner, 1991).

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 6c. *Health and wellbeing of Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|--|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Health is excellent, good or very good | 371 / 425 | 87.3 (83.2 - 91.3) | 208 / 239 | 87.0 (83.3 - 90.8) | 140 / 160 | 87.5 (82.8 - 92.1) |
| Good general wellbeing | 337 / 410 | 82.2 (78.4 - 86.0) | 192 / 234 | 82.1 (76.8 - 87.3) | 120 / 154 | 77.8 (69.9 - 85.8) |
| Satisfied with life | 401 / 422 | 95.0 (92.3 - 97.8) | 219 / 238 | 92.0 (89.6 - 94.4) | 149 / 159 | 93.7 (90.0 - 97.4) |

The question that relates to being 'satisfied with life' is 'Are you happy or satisfied with your life?', this question has been widely used in international child and youth health surveys (Huebner, 1991).

Access to health and dental care

Comparisons between 2001, 2007 and 2012

Table 6d. Access to health and dental care for Pacific students between 2001, 2007 and 2012

| | 2007 | | 2012 | |
|--|------------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Unable to access healthcare when required over the past 12 months | 293 / 1114 | 26.3 (23.2 - 29.5) | 353 / 1415 | 24.9 (22.8 - 27) |
| Unable to access dental care when required over the past 12 months | 176 / 1111 | 15.8 (14.0 - 17.6) | 202 / 1416 | 14.3 (12.2 - 16.4) |

Comparisons between Pacific and New Zealand European students in 2012

Table 6e. Access to health and dental care for Pacific and New Zealand European students in 2012

| | Pacific | | New Zealand European | |
|--|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Unable to access healthcare when required over the past 12 months | 353 / 1415 | 24.9 (22.8 – 27.0) | 622 / 4013 | 15.5 (14.3 - 16.7) |
| Unable to access dental care when required over the past 12 months | 202 / 1416 | 14.3 (12.2 - 16.4) | 286 / 4010 | 7.2 (6.2 - 8.1) |

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 6f. *Access to health and dental care for Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|--|-----------|-----------------------|----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Unable to access healthcare when required over the past 12 months | 106 / 422 | 25.1 (21.4 - 28.8) | 61 / 237 | 25.7 (19.1 - 32.4) | 34 / 158 | 21.6 (13.2 - 29.9) |
| Unable to access dental care when required over the past 12 months | 60 / 419 | 14.3 (9.8 - 18.8) | 46 / 238 | 19.3 (13.6 - 25.0) | 21 / 159 | 13.2 (8.9 - 17.6) |

6. Part B. Additional results

Results for Pacific Students in 2012

Table 6g. *Health and wellbeing of Pacific students in 2012*

| | | Health is excellent, very good or good | | Chronic health condition | | Chronic Disability | |
|---------------------------|--------------------------|--|-----------------------|--------------------------|-----------------------|--------------------|---------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1250 / 1427 | 87.6 (85.6 - 89.5) | 226 / 1426 | 15.9 (13.5 - 18.3) | 102 / 1423 | 7.2 (5.4 - 8.9) |
| Sex | Female | 678 / 810 | 83.7 (81.3 - 86.1) | 125 / 809 | 15.5 (13.1 - 17.8) | 60 / 809 | 7.4 (4.9 - 9.9) |
| | Male | 572 / 617 | 92.6 (90.8 - 94.5) | 101 / 617 | 16.5 (12.9 - 20.0) | 42 / 614 | 6.8 (5.0 - 8.7) |
| Age | 12 - 15 | 857 / 979 | 87.5 (84.9 - 90.1) | 159 / 979 | 16.3 (13.7 - 19.0) | 79 / 976 | 8.1 (5.8 - 10.4) |
| | 16 - 18 | 392 / 447 | 87.7 (84.9 - 90.4) | 67 / 446 | 15.0 (11.7 - 18.4) | 23 / 446 | 5.2 (2.9 - 7.4) |
| Neighbourhood deprivation | Low | 83 / 92 | 90.0 (83.8 - 96.2) | 18 / 92 | 19.8 (12.6 - 26.9) | 8 / 91 | 8.8 (3.0 - 14.5) |
| | Medium | 280 / 315 | 88.9 (85.0 - 92.8) | 55 / 314 | 17.6 (13.7 - 21.4) | 21 / 314 | 6.7 (3.9 - 9.6) |
| | High | 868 / 998 | 86.9 (84.8 - 89.1) | 148 / 998 | 14.9 (12.4 - 17.4) | 68 / 996 | 6.8 (4.7 - 9.0) |
| Household deprivation | Household deprivation | 593 / 697 | 85.0 (81.4 - 88.6) | 117 / 698 | 16.8 (13.9 - 19.7) | 59 / 696 | 8.5 (5.2 - 11.9) |
| | No household deprivation | 657 / 730 | 90.0 (88.1 - 91.8) | 109 / 728 | 15.1 (11.6 - 18.5) | 43 / 727 | 5.9 (3.8 - 7.9) |

Table 6h. *Place where Pacific students usually go for health care in 2012*

| | | Family Dr or GP | | Afterhours A&E | | Hospital A&E | |
|---------------------------|--------------------------|-----------------|-----------------------|----------------|--------------------|--------------|---------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1177 / 1421 | 82.9 (80.4 - 85.4) | 21 / 1421 | 1.5 (0.8 - 2.1) | 53 / 1421 | 3.7 (2.5 - 4.9) |
| | | | | | | | |
| Sex | Female | 682 / 806 | 84.6 (82.1 - 87.2) | 12 / 806 | 1.5 (0.7 - 2.3) | 20 / 806 | 2.5 (1.6 - 3.4) |
| | Male | 495 / 615 | 80.7 (76.9 - 84.4) | 9 / 615 | 1.5 (0.6 - 2.3) | 33 / 615 | 5.3 (2.9 - 7.7) |
| Age | 12 - 15 | 806 / 973 | 82.9 (79.5 - 86.3) | 12 / 973 | 1.2 (0.6 - 1.8) | 41 / 973 | 4.2 (3.0 - 5.5) |
| | 16 - 18 | 370 / 447 | 82.9 (80.0 - 85.8) | 9 / 447 | 2.0 (0.7 - 3.3) | 12 / 447 | 2.6 (1.1 - 4) |
| Neighbourhood deprivation | Low | 76 / 92 | 82.4 (74.9 - 89.9) | 1 / 92 | 1.1 (0 - 3.1) | 8 / 92 | 8.9 (3.4 - 14.4) |
| | Medium | 261 / 314 | 83.1 (78.8 - 87.3) | 9 / 314 | 2.9 (1.1 - 4.6) | 14 / 314 | 4.5 (1.3 - 7.6) |
| | High | 820 / 993 | 82.7 (79.8 - 85.6) | 11 / 993 | 1.1 (0.5 - 1.7) | 30 / 993 | 3.0 (2.1 - 3.8) |
| Household deprivation | Household deprivation | 546 / 695 | 78.7 (74.9 - 82.5) | 13 / 695 | 1.9 (0.8 - 2.9) | 28 / 695 | 4.0 (2.7 - 5.2) |
| | No household deprivation | 631 / 726 | 86.9 (84.4 - 89.4) | 8 / 726 | 1.1 (0.4 - 1.8) | 25 / 726 | 3.5 (1.9 - 5.0) |

Table 6h. *Place where Pacific students usually go for health care in 2012 continued*

| | | School health clinic | | Other ¹ | | I don't go anywhere for healthcare | |
|---------------------------|--------------------------|----------------------|--------------------|--------------------|--------------------|------------------------------------|--------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 81 / 1421 | 5.7 (3.9 - 7.4) | 43 / 1421 | 3.0 (2.1 - 3.9) | 46 / 1421 | 3.2 (2.2 - 4.2) |
| Sex | | | | | | | |
| Sex | Female | 50 / 806 | 6.2 (4.2 - 8.2) | 18 / 806 | 2.2 (1.1 - 3.3) | 24 / 806 | 3.0 (2.0 - 3.9) |
| | Male | 31 / 615 | 5.0 (3.1 - 6.8) | 25 / 615 | 4.1 (3.1 - 5.1) | 22 / 615 | 3.5 (1.8 - 5.2) |
| Age | | | | | | | |
| Age | 12 - 15 | 51 / 973 | 5.2 (3.3 - 7.1) | 30 / 973 | 3.1 (1.8 - 4.3) | 33 / 973 | 3.3 (2.1 - 4.6) |
| | 16 - 18 | 30 / 447 | 6.7 (4.6 - 8.8) | 13 / 447 | 3.0 (1.3 - 4.6) | 13 / 447 | 2.9 (1.6 - 4.2) |
| Neighbourhood deprivation | | | | | | | |
| Neighbourhood deprivation | Low | 1 / 92 | 1.1 (0.0 - 3.2) | 3 / 92 | 3.3 (0 - 7.0) | 3 / 92 | 3.3 (0.0 - 6.8) |
| | Medium | 11 / 314 | 3.5 (1.2 - 5.8) | 11 / 314 | 3.6 (1.8 - 5.4) | 8 / 314 | 2.5 (1.1 - 4.0) |
| | High | 68 / 993 | 6.8 (4.9 - 8.7) | 29 / 993 | 2.9 (1.8 - 4.0) | 35 / 993 | 3.5 (2.2 - 4.8) |
| Household deprivation | | | | | | | |
| Household deprivation | Household deprivation | 48 / 695 | 6.8 (4.7 - 9) | 29 / 695 | 4.2 (2.6 - 5.8) | 31 / 695 | 4.5 (2.7 - 6.2) |
| | No household deprivation | 33 / 726 | 4.5 (2.7 - 6.4) | 14 / 726 | 2.0 (1.2 - 2.8) | 15 / 726 | 2.0 (1.1 - 2.9) |

Other consists of students who usually go to youth centres, traditional healers and alternative health workers.

Table 6h. *Quality of health care Pacific students received in 2012*

| | | Talked with health provider in private | | Health provider assured confidentiality | | Unable to access healthcare when needed in last 12 months | |
|---------------------------|--------------------------|--|-----------------------|---|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 373 / 1018 | 36.7 (33.1 - 40.2) | 503 / 1009 | 49.9 (46.5 - 53.4) | 353 / 1415 | 24.9 (22.8 - 27.0) |
| | | | | | | | |
| Sex | Female | 216 / 583 | 37.1 (33.1 - 41.1) | 309 / 579 | 53.5 (48.9 - 58.1) | 214 / 806 | 26.5 (23.5 - 29.5) |
| | Male | 157 / 435 | 36 (30.1 - 42) | 194 / 430 | 45.2 (39.9 - 50.5) | 139 / 609 | 22.7 (18.8 - 26.7) |
| Age | 12 - 15 | 219 / 693 | 31.5 (28.3 - 34.8) | 312 / 686 | 45.6 (41.5 - 49.7) | 226 / 968 | 23.3 (20.2 - 26.3) |
| | 16 - 18 | 154 / 324 | 47.7 (41.7 - 53.6) | 191 / 322 | 59.3 (54.3 - 64.2) | 126 / 446 | 28.3 (24.8 - 31.7) |
| Neighbourhood deprivation | Low | 31 / 79 | 39.4 (29.6 - 49.2) | 32 / 78 | 40.6 (29.5 - 51.8) | 19 / 91 | 20.9 (12.1 - 29.6) |
| | Medium | 77 / 227 | 34.3 (26.5 - 42.2) | 105 / 227 | 46.6 (38.3 - 54.9) | 80 / 313 | 25.5 (21.0 - 30.0) |
| | High | 254 / 694 | 36.4 (32.1 - 40.7) | 355 / 686 | 51.8 (48.6 - 55) | 247 / 989 | 24.9 (22.2 - 27.7) |
| Household deprivation | Household deprivation | 166 / 451 | 36.8 (30.9 - 42.7) | 225 / 444 | 50.7 (46.6 - 54.8) | 199 / 690 | 28.8 (26.4 - 31.2) |
| | No household deprivation | 207 / 567 | 36.5 (31.8 - 41.2) | 278 / 565 | 49.3 (44.9 - 53.8) | 214 / 806 | 26.5 (23.5 - 29.5) |

Table 6i. *Health issues that Pacific students needed healthcare for in 2012*

| | | An injury / accident | | Help with stopping smoking | | Help with drug or alcohol abuse | | A long term health condition | | A condition that doesn't last very long (e.g. a cold) | |
|---------------------------|--------------------------|----------------------|-----------------------|----------------------------|--------------------|---------------------------------|--------------------|------------------------------|--------------------|---|---------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 241 / 1328 | 18.2 (15.5 - 20.9) | 55 / 1328 | 4.1 (2.5 - 5.7) | 43 / 1328 | 3.2 (2.5 - 4.0) | 30 / 1328 | 2.3 (1.6 - 3.0) | 102 / 1328 | 7.7 (6.0 - 9.3) |
| | | | | | | | | | | | |
| Sex | Female | 98 / 779 | 12.6 (10.3 - 14.9) | 32 / 779 | 4.1 (2.4 - 5.9) | 31 / 779 | 4.0 (3.0 - 4.9) | 16 / 779 | 2.1 (1.3 - 2.9) | 63 / 779 | 8.1 (6.0 - 10.2) |
| | Male | 143 / 549 | 26.2 (21.7 - 30.7) | 23 / 549 | 4.1 (1.9 - 6.3) | 12 / 549 | 2.2 (0.9 - 3.5) | 14 / 549 | 2.5 (1.2 - 3.9) | 39 / 549 | 7.1 (5.0 - 9.1) |
| Age | 12 - 15 | 187 / 904 | 20.7 (17.8 - 23.7) | 32 / 904 | 3.5 (1.9 - 5.2) | 32 / 904 | 3.5 (2.3 - 4.7) | 19 / 904 | 2.1 (1.3 - 2.9) | 76 / 904 | 8.4 (6.8 - 10.1) |
| | 16 - 18 | 54 / 423 | 12.9 (9.4 - 16.4) | 23 / 423 | 5.3 (3 - 7.6) | 11 / 423 | 2.6 (1.3 - 3.9) | 11 / 423 | 2.6 (1.0 - 4.2) | 26 / 423 | 6.1 (3.1 - 9.2) |
| Neighbourhood deprivation | Low | 10 / 86 | 11.8 (4.6 - 19.0) | 4 / 86 | 4.6 (0.3 - 9.0) | 3 / 86 | 3.5 (0.0 - 7.3) | 2 / 86 | 2.3 (0.0 - 5.6) | 5 / 86 | 5.8 (1.2 - 10.3) |
| | Medium | 36 / 290 | 12.5 (7.3 - 17.7) | 7 / 290 | 2.4 (0.9 - 3.9) | 7 / 290 | 2.4 (0.9 - 3.9) | 5 / 290 | 1.7 (0.2 - 3.2) | 22 / 290 | 7.6 (4.7 - 10.5) |
| | High | 188 / 930 | 20.3 (16.9 - 23.6) | 44 / 930 | 4.7 (2.4 - 7) | 32 / 930 | 3.4 (2.5 - 4.4) | 22 / 930 | 2.4 (1.6 - 3.1) | 74 / 930 | 8.0 (5.9 - 10.1) |
| Household deprivation | Household deprivation | 130 / 655 | 19.9 (16.6 - 23.2) | 41 / 655 | 6.2 (3.3 - 9.1) | 30 / 655 | 4.6 (3.1 - 6) | 17 / 655 | 2.6 (1.6 - 3.6) | 54 / 655 | 8.2 (5.5 - 11) |
| | No household deprivation | 111 / 673 | 16.6 (13.1 - 20.0) | 14 / 673 | 2.1 (1.0 - 3.2) | 13 / 673 | 1.9 (1.0 - 2.8) | 13 / 673 | 1.9 (0.9 - 2.9) | 48 / 673 | 7.1 (5.4 - 8.9) |

Table 6i. *Health issues that Pacific students needed healthcare for in 2012 continued*

| | | Contraception or sexual health | | An emotional worry | | Pregnancy or pregnancy test | | Something else | | I haven't had difficulty accessing healthcare | |
|---------------------------|--------------------------|--------------------------------|--------------------|--------------------|-----------------------|-----------------------------|--------------------|----------------|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 60 / 1328 | 4.5 (3.4 - 5.6) | 146 / 1328 | 11.0 (9.0 - 13.0) | 50 / 1328 | 3.8 (2.6 - 5.0) | 154 / 1328 | 11.6 (9.7 - 13.5) | 738 / 1328 | 55.5 (52.4 - 58.7) |
| Sex | Female | 50 / 779 | 6.4 (4.8 - 8.1) | 114 / 779 | 14.7 (11.8 - 17.5) | 49 / 779 | 6.3 (4.4 - 8.2) | 102 / 779 | 13.1 (10.8 - 15.4) | 447 / 779 | 57.3 (53.0 - 61.7) |
| | Male | 10 / 549 | 1.9 (0.9 - 2.9) | 32 / 549 | 5.9 (3.6 - 8.1) | 1 / 549 | 0.2 (0.0 - 0.6) | 52 / 549 | 9.4 (6.9 - 11.9) | 291 / 549 | 53.0 (48.8 - 57.2) |
| Age | 12 - 15 | 30 / 904 | 3.3 (2.1 - 4.6) | 92 / 904 | 10.2 (7.8 - 12.6) | 26 / 904 | 2.9 (1.6 - 4.2) | 106 / 904 | 11.7 (9.9 - 13.6) | 499 / 904 | 55.1 (51.4 - 58.9) |
| | 16 - 18 | 30 / 423 | 7.1 (5.3 - 8.9) | 54 / 423 | 12.8 (9.7 - 15.9) | 24 / 423 | 5.7 (3.7 - 7.6) | 47 / 423 | 11.1 (7.6 - 14.6) | 239 / 423 | 56.5 (51.8 - 61.2) |
| Neighbourhood deprivation | Low | 4 / 86 | 4.6 (0.3 - 9.0) | 15 / 86 | 17.3 (9.0 - 25.7) | 3 / 86 | 3.5 (0.0 - 7.4) | 6 / 86 | 6.9 (1.3 - 12.6) | 55 / 86 | 63.9 (52.9 - 74.9) |
| | Medium | 11 / 290 | 3.8 (1.8 - 5.8) | 37 / 290 | 12.8 (8.4 - 17.1) | 8 / 290 | 2.8 (0.7 - 4.8) | 25 / 290 | 8.7 (5.6 - 11.8) | 187 / 290 | 64.3 (57.9 - 70.8) |
| | High | 44 / 930 | 4.7 (3.4 - 6.1) | 91 / 930 | 9.8 (7.7 - 12) | 39 / 930 | 4.2 (2.8 - 5.6) | 122 / 930 | 13.1 (10.8 - 15.4) | 484 / 930 | 52 (48.5 - 55.6) |
| Household deprivation | Household deprivation | 38 / 655 | 5.8 (4.0 - 7.5) | 82 / 655 | 12.6 (9.3 - 15.8) | 31 / 655 | 4.7 (3.1 - 6.3) | 103 / 655 | 15.7 (12.6 - 18.7) | 315 / 655 | 48.1 (45.2 - 51.0) |
| | No household deprivation | 22 / 673 | 3.3 (1.8 - 4.9) | 64 / 673 | 9.5 (7.1 - 11.9) | 19 / 673 | 2.8 (1.4 - 4.3) | 51 / 673 | 7.6 (5.5 - 9.7) | 423 / 673 | 62.7 (58.6 - 66.9) |

Table 6j. Oral health of Pacific students 2012

| | | Ever had a tooth filled | | Ever had tooth pain that kept them awake at night | | Tooth removed for tooth decay or gum infection | | Brushed teeth twice yesterday | | Unable to get dental care when needed in the past 12 months | |
|---------------------------|--------------------------|-------------------------|-----------------------|---|-----------------------|--|-----------------------|-------------------------------|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1023 / 1424 | 71.8 (67.7-75.9) | 391 / 1420 | 27.5 (25.2-29.7) | 204 / 1422 | 14.3 (12.9-15.6) | 886 / 1423 | 62.3 (59.8-64.7) | 202 / 1416 | 14.3 (12.2-16.4) |
| | | | | | | | | | | | |
| Sex | Female | 637 / 811 | 78.6 (74.8 - 82.3) | 244 / 809 | 30.1 (26.7 - 33.6) | 117 / 811 | 14.4 (11.9 - 17.0) | 520 / 810 | 64.2 (60.6 - 67.8) | 129 / 807 | 16 (13.0 - 19.0) |
| | Male | 386 / 613 | 62.9 (58.6 - 67.2) | 147 / 611 | 23.9 (21.2 - 26.6) | 87 / 611 | 14.1 (11.8 - 16.3) | 366 / 613 | 59.7 (56.7 - 62.7) | 73 / 609 | 12.1 (9.6 - 14.6) |
| Age | 12 - 15 | 696 / 975 | 71.3 (65.8 - 76.9) | 252 / 973 | 25.8 (22.6 - 29.0) | 133 / 974 | 13.5 (11.9 - 15.2) | 604 / 974 | 62.0 (59.2 - 64.8) | 127 / 973 | 13.1 (10.7 - 15.5) |
| | 16 - 18 | 327 / 448 | 73.0 (69.7 - 76.3) | 139 / 446 | 31.2 (26.8 - 35.6) | 71 / 447 | 16.0 (13.0 - 19.0) | 281 / 448 | 62.7 (58 - 67.4) | 75 / 442 | 17.0 (13.7 - 20.4) |
| Neighbourhood deprivation | Low | 65 / 92 | 70.7 (61.7 - 79.7) | 29 / 91 | 31.8 (20.9 - 42.7) | 8 / 92 | 8.7 (3.1 - 14.3) | 63 / 92 | 68.1 (57.4 - 78.8) | 9 / 92 | 9.8 (3.5 - 16.0) |
| | Medium | 233 / 314 | 74.2 (69.4 - 79.1) | 86 / 313 | 27.5 (23.1 - 31.9) | 37 / 313 | 11.9 (8.6 - 15.2) | 202 / 314 | 64.2 (58.5 - 70) | 45 / 311 | 14.6 (9.2 - 20.0) |
| | High | 709 / 996 | 71.1 (66 - 76.3) | 267 / 994 | 26.7 (24.3 - 29.1) | 154 / 995 | 15.3 (14 - 16.7) | 605 / 995 | 60.9 (57.1 - 64.6) | 143 / 991 | 14.5 (12 - 16.9) |
| Household deprivation | Household deprivation | 501 / 695 | 72.1 (66.4 - 77.8) | 215 / 694 | 31.0 (27.8 - 34.2) | 102 / 694 | 14.7 (12.2 - 17.2) | 413 / 695 | 59.4 (54.8 - 64.1) | 128 / 693 | 18.5 (15.9 - 21.2) |
| | No household deprivation | 522 / 729 | 71.6 (68.0 - 75.1) | 176 / 726 | 24.0 (21.2 - 26.8) | 102 / 728 | 13.9 (11.2 - 16.5) | 473 / 728 | 64.9 (61.9 - 68.0) | 74 / 723 | 10.3 (7.7 - 12.8) |

7. Mental Health

7. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Table 7a. Emotional wellbeing of Pacific students between 2001, 2007 and 2012

| | 2001 | | 2007 | | 2012 | |
|---------------------------------|------------|-----------------------|------------|----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Significant depressive symptoms | 190 / 1069 | 17.8 (15.5 - 20.1) | 108 / 1040 | 10.4 (8.5 - 12.3) | 178 / 1338 | 13.3 (11.3 - 15.2) |
| Attempted suicide | - | - | 100 / 1078 | 9.3 (7.6 - 11.0) | 120 / 1389 | 8.6 (7.3 - 9.9) |

The information about significant depressive symptoms was assessed using the Reynolds Adolescent Depression Scale / RADS – Short Version. This is a well validated 10-item questionnaire that measures depressive symptoms among adolescents. Based on previous analyses, students with a score greater than 28 were classified as having clinically significant depressive symptoms (Milfont 2008; Szabo 2013). The question about suicide attempts was phrased differently in 2001 and so the data for 2001 has not been recorded here. In 2007 and 2012 the question was 'During the last 12 months have you tried to kill yourself (attempted suicide)?'.

Comparisons between Pacific and New Zealand European students in 2012

Table 7b. *Emotional wellbeing of Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|---------------------------------|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Significant depressive symptoms | 178 / 1338 | 13.3 (11.3 - 15.2) | 478 / 3940 | 12.1 (10.8 - 13.4) |
| Self-harm | 387 / 1403 | 27.5 (25.0 - 30.1) | 878 / 3998 | 22.0 (20.3 - 23.6) |
| Attempted suicide | 120 / 1389 | 8.6 (7.3 - 9.9) | 107 / 3982 | 2.7 (2.0 - 3.3) |

The information about significant depressive symptoms was assessed using the Reynolds Adolescent Depression Scale / RADS – Short Version. This is a well validated 10-item questionnaire that measures depressive symptoms among adolescents. Based on previous analyses, students with a score greater than 28 were classified as having clinically significant depressive symptoms (Milfont 2008; Szabo 2013). The question about self-harm was 'During the last 12 months have you deliberately hurt yourself or doing something that you knew might have harmed you (but did not kill you)?'. The question about attempted suicide was 'During the last 12 months have you tried to kill your self (attempted suicide)?'.

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 7c. Emotional wellbeing of Samoan, Tongan and Cook Island female students in 2012

| | Samoan | | Tongan | | Cook Island | |
|---------------------------------|----------|-----------------------|----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Significant depressive symptoms | 38 / 259 | 14.6 (10.1 - 19.2) | 28 / 134 | 20.9 (12.2 - 29.6) | 8 / 83 | 9.6 (4.5 - 14.8) |
| Self-harm | 84 / 265 | 31.7 (27.1 - 36.3) | 44 / 137 | 32.1 (24.6 - 39.6) | 25 / 87 | 28.8 (14.6 - 42.9) |
| Attempted suicide | 33 / 262 | 12.6 (8.4 - 16.8) | 14 / 137 | 10.2 (5.1 - 15.3) | 9 / 87 | 10.3 (5.3 - 15.4) |

The information about significant depressive symptoms was assessed using the Reynolds Adolescent Depression Scale / RADS – Short Version. This is a well validated 10-item questionnaire that measures depressive symptoms among adolescents. Based on previous analyses, students with a score greater than 28 were classified as having clinically significant depressive symptoms (Milfont 2008; Szabo 2013). The question about self-harm was 'During the last 12 months have you deliberately hurt yourself or doing something that you knew might have harmed you (but did not kill you)?'. The question about attempted suicide was 'During the last 12 months have you tried to kill your self (attempted suicide)?'.

Table 7d. *Emotional wellbeing of Samoan, Tongan and Cook Island male students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|---------------------------------|----------|-----------------------|---------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Significant depressive symptoms | 13 / 141 | 9.2 (5.1 - 13.3) | 9 / 94 | 9.6 (4.2 - 14.9) | 6 / 66 | 9.1 (2.2 - 16.1) |
| Self-harm | 32 / 152 | 21.0 (17.6 - 24.4) | 17 / 99 | 17.2 (11.2 - 23.1) | 17 / 71 | 24.1 (17.1 - 31.1) |
| Attempted suicide | 6 / 149 | 4.0 (0.8 - 7.3) | 5 / 97 | 5.2 (0.3 - 10) | 3 / 69 | 4.4 (1.4 - 7.4) |

The information about significant depressive symptoms was assessed using the Reynolds Adolescent Depression Scale / RADS – Short Version. This is a well validated 10-item questionnaire that measures depressive symptoms among adolescents. Based on previous analyses, students with a score greater than 28 were classified as having clinically significant depressive symptoms (Milfont 2008; Szabo 2013). The question about self-harm was 'During the last 12 months have you deliberately hurt yourself or doing something that you knew might have harmed you (but did not kill you)?'. The question about attempted suicide was 'During the last 12 months have you tried to kill your self (attempted suicide)?'.

7. Part B. Additional results

Results for Pacific Students in 2012

Table 7e. Emotional wellbeing of Pacific students in 2012

| | | Good emotional wellbeing (WHO-5 ≥ 13) | | Significant depressive symptoms (RADS) | | Deliberate self-harm | | Attempted suicide in the past 12 months | | Seen a professional for emotional worries | |
|------------------------------|-----------------------------|--|-----------------------|---|-----------------------|----------------------|-----------------------|--|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1090 / 1375 | 79.3 (76.4 - 82.1) | 178 / 1338 | 13.3 (11.3 - 15.2) | 387 / 1403 | 27.5 (25.0 - 30.1) | 120 / 1389 | 8.6 (7.3 - 9.9) | 353 / 1414 | 25.0 (22.1 - 27.8) |
| Sex | Female | 594 / 791 | 75.1 (70.8 - 79.4) | 128 / 777 | 16.5 (13.8 - 19.2) | 258 / 803 | 32.1 (28.2 - 36) | 97 / 797 | 12.2 (10.0 - 14.4) | 211 / 805 | 26.2 (23.0 - 29.5) |
| | Male | 496 / 584 | 84.9 (82.1 - 87.8) | 50 / 561 | 8.8 (6.4 - 11.3) | 129 / 600 | 21.4 (19.2 - 23.7) | 23 / 592 | 3.8 (2.5 - 5.1) | 142 / 609 | 23.3 (19.9 - 26.7) |
| Age | 12 - 15 | 755 / 942 | 80.1 (76.4 - 83.8) | 122 / 918 | 13.3 (10.6 - 16.0) | 269 / 962 | 28.0 (24.3 - 31.7) | 90 / 956 | 9.4 (7.2 - 11.6) | 246 / 970 | 25.3 (22.1 - 28.6) |
| | 16 - 18 | 335 / 432 | 77.7 (74.5 - 80.9) | 56 / 419 | 13.3 (10.4 - 16.1) | 117 / 440 | 26.4 (22.6 - 30.3) | 30 / 432 | 6.9 (4.6 - 9.2) | 106 / 443 | 24.0 (20.1 - 28.0) |
| Neighbourhood deprivation | Low | 66 / 90 | 73.2 (62.6 - 83.7) | 17 / 87 | 19.5 (11.1 - 27.9) | 31 / 90 | 34.6 (25.1 - 44.2) | 11 / 92 | 11.9 (4.8 - 19.1) | 25 / 92 | 27.1 (16.7 - 37.5) |
| | Medium | 232 / 300 | 77.2 (72.9 - 81.5) | 39 / 303 | 12.9 (9.7 - 16.2) | 78 / 313 | 24.9 (20.0 - 29.8) | 18 / 310 | 5.8 (3.3 - 8.3) | 78 / 314 | 25.0 (20.6 - 29.4) |
| | High | 774 / 964 | 80.3 (77.1 - 83.6) | 119 / 929 | 12.8 (10.4 - 15.1) | 270 / 979 | 27.5 (24.2 - 30.8) | 90 / 965 | 9.3 (7.4 - 11.2) | 242 / 987 | 24.5 (20.9 - 28.1) |
| Household deprivation | Household deprivation | 508 / 674 | 75.4 (71.0 - 79.7) | 104 / 650 | 15.9 (12.7 - 19.1) | 214 / 683 | 31.3 (27.0 - 35.7) | 82 / 679 | 12.1 (9.8 - 14.4) | 198 / 691 | 28.7 (24.8 - 32.6) |
| | No household deprivation | 582 / 701 | 83.0 (79.3 - 86.8) | 74 / 688 | 10.8 (8.5 - 13) | 173 / 720 | 23.9 (20.1 - 27.8) | 38 / 710 | 5.3 (3.5 - 7.1) | 155 / 723 | 21.4 (17.8 - 25.0) |

8. Sexual Health

8. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Table 8a. *Sexual health of Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|--------------------------|------------|-----------------------|-----------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Ever had sex | 360 / 1004 | 35.7 (31.9 - 39.5) | 428 / 951 | 45.0 (41.1 - 48.9) | 365 / 1361 | 26.8 (23.4 - 30.2) |
| Currently have sex | 232 / 977 | 23.7 (20.4 - 27.0) | 295 / 939 | 31.5 (27.8 - 35.1) | 282 / 1358 | 20.7 (17.9 - 23.5) |
| Always use a condom | 96 / 222 | 43.5 (36.0 - 51.0) | 102 / 291 | 35.0 (30.0 - 40.0) | 98 / 272 | 36.4 (32.1 - 40.6) |
| Always use contraception | 98 / 219 | 45.2 (38.3 - 52.1) | 109 / 265 | 41.1 (35.7 - 46.5) | 118 / 270 | 43.9 (36.9 - 50.9) |

Currently sexually active refers to students who reported to have had sexual intercourse within the last three months.

Questions about regular condom and contraception use were only asked of those students who were currently sexually active.

In 2012 students were asked, 'Have you ever had sex? (By this we mean sexual intercourse) Do not include sexual abuse.' In 2001 and 2007, sexual abuse was not explicitly excluded. This may partially account for the change in numbers.

Question differed between 2001 / 2007 and 2012. In 2001 and 2007 students were asked,

'How often do you use condoms as protection against sexually transmitted disease or infection?'. In 2012 students were asked, 'How often do you (or your partner) use condoms as protection against sexually transmitted disease or infection?'.

Comparisons between Pacific and New Zealand European students in 2012

Table 8b. Sexual health of Pacific and New Zealand European students in 2012

| | Pacific | | New Zealand European | |
|--------------------------|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Ever had sex | 365 / 1361 | 26.8 (23.4 - 30.2) | 894 / 3970 | 22.6 (20.7 - 24.5) |
| Currently have sex | 282 / 1358 | 20.7 (17.9 - 23.6) | 714 / 3966 | 18.1 (16.5 - 19.8) |
| Always use a condom | 98 / 272 | 36.4 (32.1 - 40.7) | 340 / 700 | 48.5 (44.7 - 52.3) |
| Always use contraception | 118 / 270 | 43.9 (36.9 - 51.0) | 487 / 695 | 70.1 (66.8 - 73.4) |

Currently sexually active refers to students who reported to have had sexual intercourse within the last three months.

Questions about regular condom and contraception use were only asked of those students who were currently sexually active.

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 8c. Sexual health of Samoan, Tongan and Cook Island students in 2012

| | Samoan | | Tongan | | Cook Island | |
|--------------------------|----------|-----------------------|----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Ever had sex | 85 / 402 | 21.1 (17.4 - 24.8) | 50 / 229 | 21.8 (15.0 - 28.6) | 49 / 153 | 32.1 (25.1 - 39.2) |
| Currently have sex | 67 / 401 | 16.7 (13.4 - 19.9) | 42 / 229 | 18.3 (12.3 - 24.3) | 41 / 153 | 26.9 (20.6 - 33.2) |
| Always use a condom | 21 / 64 | 32.8 (22.8 - 42.7) | 15 / 41 | 36.6 (21.4 - 51.8) | 12 / 41 | 29.3 (19.2 - 39.4) |
| Always use contraception | 22 / 64 | 34.3 (21.8 - 46.9) | 12 / 40 | 29.9 (14.7 - 45.1) | 18 / 40 | 45.0 (33.6 - 56.3) |

Currently sexually active refers to students who reported to have had sexual intercourse within the last three months.

Questions about regular condom and contraception use were only asked of those students who were currently sexually active.

8. Part B. Additional results

Results for Pacific Students in 2012

Table 8d. Sexual health of Pacific students in 2012

| | | Ever had sex | | Currently sexually active | | Always uses condoms | | Always uses contraception | |
|---------------------------|--------------------------|--------------|-----------------------|---------------------------|-----------------------|---------------------|-----------------------|---------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 365 / 1361 | 26.8 (23.3-30.2) | 282 / 1358 | 20.7 (17.9-23.6) | 98 / 272 | 36.4 (32.0-40.7) | 118 / 270 | 43.9 (36.8-51.0) |
| Sex | Female | 186 / 781 | 23.8 (19.8 - 27.9) | 145 / 780 | 18.6 (15.3 - 21.9) | 44 / 139 | 31.7 (25.5 - 37.9) | 62 / 140 | 44.3 (36.2 - 52.4) |
| | Male | 179 / 580 | 30.7 (26.8 - 34.6) | 137 / 578 | 23.6 (20.1 - 27.0) | 54 / 133 | 41.3 (35.7 - 47.0) | 56 / 130 | 43.5 (33.7 - 53.3) |
| Age | 12 - 15 | 194 / 940 | 20.5 (17.2 - 23.9) | 146 / 938 | 15.5 (13.0 - 17.9) | 58 / 140 | 42.1 (34.0 - 50.1) | 60 / 138 | 43.8 (34.6 - 53.0) |
| | 16 - 18 | 171 / 419 | 40.8 (35.9 - 45.8) | 136 / 419 | 32.5 (28.0 - 36.9) | 40 / 132 | 30.4 (23.9 - 36.9) | 58 / 132 | 44.1 (33.1 - 55.0) |
| Neighbourhood deprivation | Low | 36 / 91 | 39.7 (31.2 - 48.3) | 29 / 90 | 32.4 (23.5 - 41.3) | 13 / 28 | 46.0 (27.7 - 64.3) | 14 / 29 | 47.9 (27.7 - 68.0) |
| | Medium | 84 / 303 | 27.9 (23.1 - 32.6) | 63 / 303 | 20.9 (17.0 - 24.8) | 21 / 62 | 34.0 (22.8 - 45.2) | 27 / 58 | 46.7 (33.2 - 60.2) |
| | High | 237 / 949 | 24.8 (21.0 - 28.7) | 185 / 947 | 19.4 (16.3 - 22.5) | 61 / 177 | 35.0 (29.3 - 40.6) | 74 / 178 | 41.8 (33.9 - 49.8) |
| Household deprivation | Household deprivation | 178 / 655 | 27.1 (22.9 - 31.4) | 139 / 653 | 21.2 (17.6 - 24.9) | 43 / 98 | 32.3 (24.5 - 40.1) | 48 / 131 | 37.1 (29.3 - 44.8) |
| | No household deprivation | 187 / 706 | 26.4 (22.5 - 30.4) | 143 / 705 | 20.2 (17.0 - 23.5) | 55 / 135 | 40.4 (32.7 - 48.1) | 70 / 139 | 50.4 (40.1 - 60.6) |

Table 8e. Pacific students' sexual attraction and gender identity in 2012

| | | Exclusively opposite sex attracted | | Same or both sex attracted | | Not sure / neither | | Transgender | |
|---------------------------|--------------------------|------------------------------------|-----------------------|----------------------------|--------------------|--------------------|---------------------|-------------|--------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1118 / 1268 | 88.3 (85.7 - 90.9) | 52 / 1268 | 4.1 (2.7 - 5.5) | 98 / 1268 | 7.7 (5.7 - 9.7) | 27 / 1328 | 2.0 (1.3-2.7) |
| | | | | | | | | | |
| Sex | Female | 641 / 725 | 88.4 (85.5 - 91.4) | 30 / 725 | 4.1 (1.9 - 6.4) | 54 / 725 | 7.4 (5.6 - 9.2) | 16 / 770 | 2.1 (1.0 - 3.2) |
| | Male | 477 / 543 | 88.0 (84.7 - 91.3) | 22 / 543 | 4.0 (2.7 - 5.2) | 44 / 543 | 8.0 (5.3 - 10.8) | 11 / 558 | 1.9 (0.8 - 3.0) |
| Age | 12 - 15 | 751 / 861 | 87.4 (84.3 - 90.4) | 29 / 861 | 3.3 (1.8 - 4.9) | 81 / 861 | 9.3 (6.8 - 11.9) | 17 / 914 | 1.8 (1.0 - 2.6) |
| | 16 - 18 | 366 / 406 | 90.2 (86.4 - 93.9) | 23 / 406 | 5.7 (3.5 - 7.8) | 17 / 406 | 4.2 (1.6 - 6.8) | 10 / 413 | 2.4 (1.1 - 3.7) |
| Neighbourhood deprivation | Low | 82 / 87 | 94.3 (88.7 - 99.9) | 3 / 87 | 3.4 (0.0 - 7.3) | 2 / 87 | 2.3 (0 - 6.7) | 1 / 91 | 1.1 (0 - 3.2) |
| | Medium | 269 / 292 | 92.2 (87.6 - 96.9) | 10 / 292 | 3.4 (1.2 - 5.6) | 13 / 292 | 4.3 (1.2 - 7.5) | 3 / 297 | 1.0 (0 - 2.2) |
| | High | 754 / 875 | 86.2 (83.6 - 88.9) | 38 / 875 | 4.3 (2.3 - 6.3) | 83 / 875 | 9.5 (7.1 - 11.8) | 23 / 922 | 2.4 (1.4 - 3.5) |
| Household deprivation | Household deprivation | 511 / 602 | 85.0 (82.7 - 87.4) | 34 / 602 | 5.6 (3.4 - 7.8) | 57 / 602 | 9.4 (7.3 - 11.4) | 15 / 637 | 2.4 (1.2 - 3.5) |
| | No household deprivation | 607 / 666 | 91.2 (88.1 - 94.3) | 18 / 666 | 2.7 (1.6 - 3.8) | 41 / 666 | 6.1 (3.5 - 8.8) | 12 / 691 | 1.7 (0.6 - 2.7) |

9. Substance Use and Gambling

9. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Table 9a. *Substance use among Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|------------------------------------|-----------|-----------------------|-----------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Weekly or more often cigarette use | 199 / 910 | 21.7 (18.2 - 25.1) | 117 / 982 | 11.9 (9.5 - 14.4) | 92 / 1337 | 6.8 (4.8 - 8.8) |
| Weekly or more often drink alcohol | 131 / 912 | 14.3 (11.3 - 17.3) | 138 / 973 | 14.3 (11.3 - 17.2) | 79 / 1331 | 5.9 (3.9 - 7.9) |
| Binge drinking in the last 4 weeks | 302 / 882 | 33.5 (28.9 - 38.1) | 305 / 968 | 31.6 (27.5 - 35.7) | 245 / 1326 | 18.4 (15.1 - 21.6) |
| Weekly or more often marijuana use | 75 / 857 | 8.9 (6.6 - 11.2) | 67 / 912 | 7.4 (5.6 - 9.1) | 37 / 1306 | 2.8 (2.0 - 3.7) |

Current drinkers were defined as students who continue to drink (at the time of the survey), beyond their first experience with alcohol.

Binge drinking refers to five or more alcoholic drinks in one session (within 4 hours)

Comparisons between Pacific and New Zealand European students in 2012

Table 9b. Substance use among Pacific and New Zealand European students in 2012

| | Pacific | | New Zealand European | |
|------------------------------------|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Weekly or more often cigarette use | 175 / 1337 | 13.0 (10.4 - 15.6) | 388 / 3960 | 9.8 (8.6 - 10.9) |
| Weekly or more often drink alcohol | 79 / 1331 | 5.9 (3.9 - 7.9) | 374 / 3956 | 9.5 (8.2 - 10.8) |
| Binge drinking in the last 4 weeks | 245 / 1326 | 18.4 (15.1 - 21.7) | 982 / 3951 | 24.9 (22.8 - 27.0) |
| Weekly or more often marijuana use | 37 / 1306 | 2.8 (2.0 - 3.7) | 99 / 3940 | 2.5 (1.9 - 3.1) |

Current drinkers were defined as students who continue to drink (at the time of the survey), beyond their first experience with alcohol.

Binge drinking refers to five or more alcoholic drinks in one session (within 4 hours)

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 9c. Substance use among Samoan, Tongan and Cook Island students in 2012

| | Samoan | | Tongan | | Cook Island | |
|------------------------------------|----------|----------------------|----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Weekly or more often cigarette use | 36 / 396 | 9.1 (6.3 - 11.9) | 28 / 221 | 12.7 (7.0 - 18.3) | 25 / 150 | 16.7 (6.9 - 26.5) |
| Weekly or more often drink alcohol | 13 / 394 | 3.3 (1.6 - 5.0) | 7 / 220 | 3.2 (0.5 - 5.9) | 12 / 150 | 8.0 (3.2 - 12.8) |
| Binge drinking in the last 4 weeks | 40 / 392 | 10.2 (7.2 - 13.2) | 32 / 220 | 14.6 (10.6 - 18.5) | 33 / 150 | 22.1 (15.0 - 29.2) |
| Weekly or more often marijuana use | 3 / 388 | 0.8 (0.0 - 1.5) | 4 / 216 | 1.9 (0.0 - 3.8) | 6 / 147 | 4.1 (0.6 - 7.5) |

Current drinkers were defined as students who continue to drink (at the time of the survey), beyond their first experience with alcohol.

Binge drinking refers to five or more alcoholic drinks in one session (within 4 hours)

9. Part B. Additional results

Results for Pacific Students in 2012

Table 9d. *Pacific students cigarette use in 2012*

| | | Ever smoked a whole cigarette | | Current cigarette use | | Weekly or more often cigarette use | | Student tried to cut down or give up smoking | |
|---------------------------|--------------------------|-------------------------------|-----------------------|-----------------------|-----------------------|------------------------------------|---------------------|--|------------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 422 / 1342 | 31.3 (28.5 - 34.2) | 175 / 1337 | 13.0 (10.4 - 15.6) | 92 / 1337 | 6.8 (4.8 - 8.8) | 140 / 175 | 80.0 (71.2 - 88.8) |
| | | | | | | | | | |
| Sex | Female | 274 / 777 | 35.3 (31.7 - 38.8) | 116 / 774 | 15.0 (11.8 - 18.2) | 56 / 774 | 7.2 (5.1 - 9.4) | 95 / 117 | 81.2 (70.0 - 92.4) |
| | Male | 148 / 565 | 26.0 (22.8 - 29.1) | 59 / 563 | 10.2 (7.3 - 13.2) | 36 / 563 | 6.2 (3.7 - 8.7) | 45 / 58 | 77.6 (65.2 - 90.0) |
| Age | 12 - 15 | 255 / 927 | 27.4 (24.4 - 30.5) | 104 / 923 | 11.2 (8.7 - 13.8) | 53 / 923 | 5.7 (3.5 - 7.9) | 83 / 106 | 78.4 (66.6 - 90.3) |
| | 16 - 18 | 167 / 414 | 40.1 (35.5 - 44.7) | 71 / 413 | 17.0 (12.7 - 21.3) | 39 / 413 | 9.3 (6.0 - 12.6) | 57 / 69 | 82.5 (73.6 - 91.4) |
| Neighbourhood deprivation | Low | 28 / 90 | 31.2 (21.6 - 40.8) | 16 / 90 | 17.7 (10.3 - 25.1) | 5 / 90 | 5.5 (0.9 - 10.2) | 13 / 16 | 81.2 (60.6 - 100.0) |
| | Medium | 88 / 302 | 29.1 (24.3 - 34.0) | 32 / 302 | 10.7 (7.2 - 14.1) | 14 / 302 | 4.6 (2.4 - 6.8) | 25 / 32 | 77.6 (63.6 - 91.6) |
| | High | 301 / 933 | 32.1 (28.1 - 36.2) | 125 / 928 | 13.3 (9.7 - 17.0) | 72 / 928 | 7.7 (4.9 - 10.4) | 101 / 125 | 81.0 (71.2 - 90.8) |
| Household deprivation | Household deprivation | 239 / 646 | 36.9 (31.9 - 42.0) | 100 / 641 | 15.5 (11.0 - 19.9) | 55 / 641 | 8.5 (5.3 - 11.7) | 84 / 103 | 81.2 (71.1 - 91.3) |
| | No household deprivation | 183 / 696 | 26.2 (23.0 - 29.4) | 75 / 696 | 10.7 (8.3 - 13.1) | 37 / 696 | 5.2 (3.5 - 7.0) | 56 / 72 | 78.3 (67.5 - 89.2) |

Table 9e. *Pacific students' alcohol use in 2012*

| | | Have ever drunk alcohol | | Currently drink alcohol | | Drink alcohol at least once a week | |
|---------------------------|--------------------------|-------------------------|-----------------------|-------------------------|-----------------------|------------------------------------|----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 659 | 49.3 (44.2 - 54.4) | 436 | 32.7 (27.7 - 37.7) | 79 / 1331 | 5.9 (3.9 - 7.9) |
| | | | | | | | |
| Sex | Female | 380 / 771 | 49.3 (43.8 - 54.8) | 253 / 769 | 32.9 (27.9 - 37.9) | 48 / 769 | 6.2 (3.8 - 8.6) |
| | Male | 279 / 564 | 49.4 (41.8 - 57.0) | 183 / 562 | 32.5 (25.0 - 39.9) | 31 / 562 | 5.4 (3.0 - 7.9) |
| Age | 12 - 15 | 382 / 922 | 41.4 (35.5 - 47.3) | 234 / 919 | 25.4 (20.3 - 30.5) | 47 / 919 | 5.1 (3.0 - 7.1) |
| | 16 - 18 | 277 / 412 | 67.2 (62.4 - 72.0) | 202 / 411 | 49.1 (43.3 - 54.8) | 32 / 411 | 7.8 (4.9 - 10.6) |
| Neighbourhood deprivation | Low | 56 / 90 | 62.4 (52.8 - 72.0) | 43 / 90 | 48.0 (37.1 - 59.0) | 12 / 90 | 13.3 (6.0 - 20.6) |
| | Medium | 155 / 301 | 51.6 (45.6 - 57.5) | 114 / 301 | 37.9 (32.1 - 43.7) | 18 / 301 | 6.0 (3.1 - 8.8) |
| | High | 440 / 927 | 47.3 (41.8 - 52.9) | 273 / 923 | 29.4 (24.4 - 34.4) | 49 / 923 | 5.3 (3.2 - 7.3) |
| Household deprivation | Household deprivation | 298 / 642 | 46.4 (40.0 - 52.7) | 193 / 638 | 30.1 (24.2 - 36.1) | 41 / 638 | 6.4 (3.6 - 9.3) |
| | No household deprivation | 361 / 693 | 52.1 (47.3 - 56.8) | 243 / 693 | 35.1 (30.1 - 40.0) | 38 / 693 | 5.4 (3.4 - 7.4) |

Table 9e. *Pacific students' alcohol use in 2012 continued*

| | | Binge drinking in the last 4 weeks | | Worried about how much alcohol they drink | | Have ever tried to give up or cut down drinking alcohol | |
|---------------------------|--------------------------|------------------------------------|-----------------------|---|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 245 | 18.4 (15.1 - 21.7) | 81 / 435 | 18.5 (14.1 - 22.9) | 138 / 431 | 32.0 (26.9 - 37.1) |
| | | | | | | | |
| Sex | Female | 137 / 766 | 17.9 (14.3 - 21.6) | 43 / 251 | 17.2 (11.7 - 22.7) | 84 / 250 | 33.7 (27.3 - 40.0) |
| | Male | 108 / 560 | 19.0 (14.0 - 24.1) | 38 / 184 | 20.3 (15.4 - 25.2) | 54 / 181 | 29.6 (21.6 - 37.7) |
| Age | 12 - 15 | 127 / 914 | 13.8 (10.9 - 16.7) | 51 / 232 | 21.8 (15.1 - 28.4) | 72 / 230 | 31.2 (23.9 - 38.6) |
| | 16 - 18 | 118 / 411 | 28.6 (22.6 - 34.5) | 30 / 203 | 14.8 (11.2 - 18.4) | 66 / 201 | 32.8 (25.2 - 40.4) |
| Neighbourhood deprivation | Low | 23 / 90 | 25.4 (16.0 - 34.8) | 2 / 43 | 4.6 (0.0 - 11.1) | 9 / 43 | 20.7 (8.8 - 32.6) |
| | Medium | 65 / 300 | 21.7 (16.3 - 27.1) | 14 / 114 | 12.1 (7.0 - 17.2) | 27 / 111 | 24.3 (16.6 - 32.0) |
| | High | 154 / 919 | 16.6 (13.5 - 19.8) | 64 / 272 | 23.5 (18.2 - 28.8) | 102 / 271 | 37.7 (33.1 - 42.4) |
| Household deprivation | Household deprivation | 111 / 637 | 17.3 (13.4 - 21.2) | 41 / 193 | 21.1 (15.0 - 27.2) | 65 / 193 | 33.6 (27.1 - 40.1) |
| | No household deprivation | 134 / 689 | 19.4 (15.2 - 23.5) | 40 / 242 | 16.4 (11.2 - 21.7) | 73 / 238 | 30.7 (24.4 - 36.9) |

Table 9f. *Pacific students' marijuana use in 2012*

| | | Ever smoked marijuana | | Current marijuana use | | Weekly or more often marijuana use | | Worried about how much they use marijuana | | Have tried to give up marijuana | |
|---------------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------------|--------------------|---|-----------------------|---------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 311 / 1308 | 23.7 (19.6 - 27.8) | 150 / 1306 | 11.5 (8.8 - 14.1) | 37 / 1306 | 2.8 (2.0 - 3.7) | 34 / 151 | 22.6 (15.3 - 29.9) | 64 / 150 | 42.8 (32.4 - 53.2) |
| | | | | | | | | | | | |
| Sex | Female | 160 / 757 | 21.2 (16.0 - 26.3) | 80 / 755 | 10.6 (7.7 - 13.5) | 17 / 755 | 2.2 (1.3 - 3.2) | 17 / 81 | 21.0 (11.9 - 30.1) | 39 / 81 | 48.2 (34.0 - 62.5) |
| | Male | 151 / 551 | 27.2 (23.1 - 31.3) | 70 / 551 | 12.6 (8.7 - 16.5) | 20 / 551 | 3.6 (2.1 - 5.2) | 17 / 70 | 24.4 (13.7 - 35.1) | 25 / 69 | 36.4 (21.9 - 50.9) |
| Age | 12 - 15 | 172 / 898 | 19.1 (14.7 - 23.5) | 84 / 897 | 9.3 (6.7 - 12.0) | 28 / 897 | 3.1 (2.0 - 4.2) | 22 / 85 | 26.0 (15.3 - 36.7) | 37 / 84 | 44.3 (32.4 - 56.2) |
| | 16 - 18 | 139 / 409 | 33.9 (28.6 - 39.1) | 66 / 408 | 16.1 (11.6 - 20.7) | 9 / 408 | 2.2 (0.8 - 3.6) | 12 / 66 | 18.2 (9.9 - 26.5) | 27 / 66 | 40.9 (27.0 - 54.8) |
| Neighbourhood deprivation | Low | 25 / 91 | 27.4 (20.9 - 33.9) | 15 / 91 | 16.4 (10.4 - 22.5) | 3 / 91 | 3.3 (0.0 - 7.1) | 2 / 15 | 13.4 (0 - 31.2) | 6 / 15 | 40.0 (14.4 - 65.7) |
| | Medium | 73 / 299 | 24.5 (18.7 - 30.2) | 36 / 299 | 12.1 (7.6 - 16.6) | 3 / 299 | 1.0 (0.0 - 2.2) | 4 / 36 | 11.0 (1.3 - 20.8) | 12 / 36 | 33.1 (13.2 - 53.0) |
| | High | 210 / 901 | 23.2 (18.7 - 27.6) | 98 / 899 | 10.9 (8.0 - 13.7) | 30 / 899 | 3.3 (2.2 - 4.5) | 27 / 99 | 27.5 (19.1 - 35.8) | 46 / 99 | 46.8 (35.9 - 57.7) |
| Household deprivation | Household deprivation | 155 / 623 | 24.8 (18.8 - 30.8) | 72 / 622 | 11.5 (8.1 - 14.9) | 20 / 622 | 3.2 (1.6 - 4.8) | 18 / 73 | 24.8 (15.3 - 34.2) | 36 / 72 | 50.3 (36.2 - 64.4) |
| | No household deprivation | 156 / 685 | 22.7 (19.3 - 26.1) | 78 / 684 | 11.4 (8.7 - 14.1) | 17 / 684 | 2.4 (1.4 - 3.5) | 16 / 78 | 20.5 (12.1 - 29.0) | 28 / 78 | 35.9 (23.3 - 48.6) |

Table 9g. *Pacific students' use of other drugs in 2012*

| | | Ever used other drugs | |
|---------------------------|--------------------------|-----------------------|---------------------|
| | | n / N | % 95% CI |
| Total | | 31 / 1310 | 2.4 (1.5 – 3.3) |
| | | | |
| Sex | Female | 23 / 763 | 3.0 (1.8 - 4.3) |
| | Male | 8 / 547 | 1.5 (0.4 - 2.5) |
| Age | 12 - 15 | 22 / 903 | 2.4 (1.5 - 3.4) |
| | 16 - 18 | 9 / 406 | 2.2 (0.6 - 3.8) |
| Neighbourhood deprivation | Low | 5 / 89 | 5.6 (1.0 - 10.2) |
| | Medium | 6 / 298 | 2.0 (0.6 - 3.4) |
| | High | 20 / 907 | 2.2 (1.3 - 3.1) |
| Household deprivation | Household deprivation | 13 / 629 | 2.1 (0.8 - 3.3) |
| | No household deprivation | 18 / 681 | 2.6 (1.6 - 3.7) |

Table 9h. *Pacific students' gambling in 2012*

| | | Gambled in last 12 months | | Gambled in the last 4 weeks | | Students who spend more than \$20 a week on gambling | | Worried about time or money that students family spend on gambling | |
|---------------------------|--------------------------|---------------------------|-----------------------|-----------------------------|-----------------------|--|---------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 312 / 1213 | 25.7 (23.0-28.5) | 167 / 1213 | 13.8 (10.9-16.7) | 13 / 309 | 4.0 (2.0-6.1) | 85 / 368 | 23.1 (18.2-27.9) |
| Sex | Female | 161 / 717 | 22.4 (18.8 - 26.1) | 83 / 717 | 11.6 (8.2 – 15.0) | 8 / 160 | 5.0 (2.3 - 7.7) | 50 / 189 | 26.5 (19.4 - 33.6) |
| | Male | 151 / 496 | 30.5 (27.0 - 34) | 84 / 496 | 16.9 (13.4 - 20.5) | 5 / 149 | 3.0 (0.2 - 5.9) | 35 / 179 | 19.5 (14.5 - 24.4) |
| Age | 12 - 15 | 217 / 837 | 25.9 (23.0 - 28.8) | 121 / 837 | 14.5 (11.5 - 17.5) | 8 / 214 | 3.5 (1.2 - 5.8) | 59 / 257 | 23.0 (18.1 – 28.0) |
| | 16 - 18 | 94 / 375 | 25.1 (20.1 - 30.2) | 46 / 375 | 12.2 (8.1 - 16.3) | 5 / 94 | 5.3 (1.0 - 9.6) | 26 / 110 | 23.4 (12.9 - 33.9) |
| Neighbourhood deprivation | Low | 20 / 84 | 23.9 (13.8 - 34.1) | 8 / 84 | 9.5 (2.5 - 16.5) | 1 / 19 | 5.2 (0.0 - 15.6) | 5 / 25 | 19.1 (5.0 - 33.2) |
| | Medium | 74 / 276 | 26.7 (21.9 - 31.6) | 31 / 276 | 11.3 (8.2 - 14.4) | 4 / 73 | 5.5 (0.4 - 10.6) | 14 / 86 | 16.3 (7.8 - 24.8) |
| | High | 216 / 840 | 25.8 (22.5 – 29.0) | 127 / 840 | 15.1 (11.2 – 19.0) | 8 / 215 | 3.5 (1.3 - 5.7) | 65 / 252 | 25.9 (21.1 - 30.6) |
| Household deprivation | Household deprivation | 161 / 575 | 28.1 (23.7 - 32.4) | 97 / 575 | 16.9 (12.9 - 20.9) | 8 / 160 | 5.0 (2.0 – 8.0) | 56 / 189 | 29.6 (23.1 - 36.1) |
| | No household deprivation | 151 / 638 | 23.6 (20.0 - 27.2) | 70 / 638 | 11.0 (8.0 – 14.0) | 5 / 149 | 3.0 (0.2 - 5.8) | 29 / 179 | 16.2 (10.4 – 22.0) |

10. Driving Behaviours

10. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Table 10a. *Risky driving behaviour among Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|---|------------|-----------------------|------------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Always wear a seatbelt | 661 / 1118 | 58.7 (55.0 - 62.4) | 678 / 1131 | 60.0 (56.7 - 63.2) | 882 / 1435 | 61.6 (57.9 - 65.3) |
| Driven with a driver who had been drinking alcohol | 324 / 1113 | 28.9 (25.7 - 32.0) | 302 / 1122 | 26.9 (23.8 - 30.1) | 278 / 1415 | 19.6 (17.4 - 21.8) |
| Driven car after consuming 2 or more glasses of alcohol in the hour before driving. | 84 / 1112 | 7.5 (5.7 - 9.2) | 47 / 535 | 8.8 (5.9 - 11.7) | 34 / 649 | 5.2 (3.1 - 7.2) |
| Passenger dangerous | 447 / 1108 | 40.2 (36.6 - 43.7) | 319 / 1113 | 28.7 (25.8 - 31.6) | 276 / 1415 | 19.5 (17.5 - 21.6) |

Passenger dangerous refers to the question whether "in the last month has been driven by someone dangerously".

For the items "driven with a driver who had been drinking alcohol", 'driven a car after consuming 2 or more glasses of alcohol in the hour before driving' and 'Passenger dangerous' students were asked whether they engaged in that activity within the past month.

Comparisons between Pacific and New Zealand European students in 2012

Table 10b. *Risky driving behaviour among Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|---|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Always wear a seatbelt | 882 / 1435 | 61.6 (57.8 - 65.3) | 3157 / 4018 | 78.6 (76.9 - 80.3) |
| Driven with a driver who had been drinking alcohol | 278 / 1415 | 19.6 (17.4 - 21.9) | 767 / 3998 | 19.2 (17.5 - 21.0) |
| Driven car after consuming 2 or more glasses of alcohol in the hour before driving. | 34 / 649 | 5.2 (3.1 - 7.3) | 72 / 1981 | 3.6 (2.7 - 4.6) |
| Passenger dangerous | 276 / 1415 | 19.5 (17.4 - 21.6) | 701 / 3998 | 17.6 (16.4 - 18.8) |

Passenger dangerous refers to the question whether "in the last month has been driven by someone dangerously".

For the items "driven with a driver who had been drinking alcohol", 'driven a car after consuming 2 or more glasses of alcohol in the hour before driving' and 'Passenger dangerous' students were asked whether they engaged in that activity within the past month.

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 10c. *Risky driving behaviour among Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|---|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Always wear a seatbelt | 237 / 428 | 55.4 (48.8 – 62.0) | 127 / 241 | 52.7 (47.6 - 57.9) | 104 / 160 | 64.9 (59.0 - 70.8) |
| Driven with a driver who had been drinking alcohol | 69 / 421 | 16.4 (12.5 - 20.4) | 46 / 239 | 19.2 (14.1 - 24.4) | 32 / 159 | 20.2 (15.3 - 25.1) |
| Driven car after consuming 2 or more glasses of alcohol in the hour before driving. | 5 / 175 | 2.9 (0.4 - 5.3) | 1 / 98 | 1.0 (0.0 - 2.9) | 6 / 83 | 7.3 (1.5 - 13.1) |
| Passenger dangerous | 85 / 421 | 20.2 (15.3 - 25.2) | 36 / 239 | 15.1 (8.9 - 21.2) | 38 / 159 | 24.0 (19.2 - 28.7) |

Passenger dangerous refers to the question whether “in the last month has been driven by someone dangerously”.

For the items “driven with a driver who had been drinking alcohol”, ‘driven a car after consuming 2 or more glasses of alcohol in the hour before driving’ and ‘Passenger dangerous’ students were asked whether they engaged in that activity within the past month.

10. Part B. Additional results

Results for Pacific Students in 2012

Table 10d. *Risky driving behaviour among Pacific students in 2012*

| | | Always wears a seatbelt | | Driven by someone who had been drinking alcohol | | Driven dangerously by someone | | Student driven a car after consuming 2 or more glasses of alcohol in the hour before driving | |
|---------------------------|--------------------------|-------------------------|-----------------------|---|-----------------------|-------------------------------|-----------------------|--|---------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 882 / 1435 | 61.6 (57.8 - 65.3) | 278 / 1415 | 19.6 (17.4 - 21.9) | 276 / 1415 | 19.5 (17.4 - 21.6) | 34 / 649 | 5.2 (3.1 - 7.3) |
| Sex | Female | 495 / 815 | 60.8 (55.3 - 66.3) | 156 / 805 | 19.4 (16.5 - 22.2) | 148 / 805 | 18.4 (15.5 - 21.2) | 10 / 328 | 3.1 (1.2 - 4.9) |
| | Male | 387 / 620 | 62.6 (59.9 - 65.3) | 122 / 610 | 20.0 (16.3 - 23.7) | 128 / 610 | 21.1 (17.9 - 24.2) | 24 / 321 | 7.4 (3.7 - 11.0) |
| Age | 12 - 15 | 584 / 982 | 59.6 (55.3 - 63.9) | 186 / 969 | 19.2 (17.0 - 21.4) | 184 / 969 | 19.0 (16.9 - 21) | 20 / 363 | 5.5 (2.7 - 8.3) |
| | 16 - 18 | 297 / 452 | 65.8 (61.6 - 69.9) | 91 / 445 | 20.4 (16.4 - 24.5) | 92 / 445 | 20.8 (16.2 - 25.3) | 14 / 286 | 4.8 (1.8 - 7.8) |
| Neighbourhood deprivation | Low | 58 / 92 | 62.7 (52.1 - 73.2) | 24 / 92 | 26.3 (16.6 - 36.0) | 19 / 92 | 21.1 (12.5 - 29.6) | 3 / 51 | 5.9 (0 - 12.1) |
| | Medium | 203 / 314 | 64.8 (57.7 - 71.9) | 64 / 312 | 20.6 (16.1 - 25.1) | 61 / 312 | 19.7 (15.6 - 23.8) | 7 / 141 | 5.2 (1.0 - 9.5) |
| | High | 604 / 1006 | 60.2 (55.2 - 65.1) | 182 / 988 | 18.3 (15.2 - 21.5) | 189 / 988 | 19.0 (16.4 - 21.6) | 22 / 447 | 4.8 (2.6 - 6.9) |
| Household deprivation | Household deprivation | 392 / 704 | 55.7 (50.4 - 61.0) | 154 / 693 | 22.2 (18.8 - 25.6) | 152 / 693 | 21.9 (18.2 - 25.6) | 14 / 301 | 4.4 (2.0 - 6.8) |
| | No household deprivation | 490 / 731 | 67.2 (63.0 - 71.5) | 124 / 722 | 17.2 (14.8 - 19.6) | 124 / 722 | 17.2 (14.5 - 20.0) | 20 / 649 | 5.9 (3.1 - 8.6) |

11. Injuries and Violence

11. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Figure 11a. *Violence among Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|---|------------|-----------------------|------------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Witness adults at home hit children | 261 / 993 | 26.0 (23.3 - 28.8) | 379 / 1062 | 35.7 (32.0 - 39.4) | 366 / 1354 | 27.0 (24.2 - 29.9) |
| Witness adults at home hit other adults | 119 / 1009 | 11.9 (9.5 - 14.4) | 233 / 1060 | 21.9 (19.8 - 24.1) | 207 / 1350 | 15.4 (13.2 - 17.5) |
| Student hit or harmed on purpose | 467 / 1049 | 44.9 (41.1 - 48.7) | 439 / 1113 | 39.5 (35.7 - 43.3) | 388 / 1422 | 27.4 (23.8 - 30.9) |
| Ever experienced sexual abuse or coercion | 265 / 939 | 28.3 (24.9 - 31.6) | 210 / 889 | 23.7 (21.1 - 26.3) | 283 / 1284 | 22.0 (19.4 - 24.5) |

Student hit or harmed on purpose can occur within their home or in public place such as at school.

For the items "witness adults at home hit children", 'witness adults at home hit other adults' and 'Student hit or harmed on purpose' students reported whether this had happened within the last 12 months. Whereas the question about sexual abuse or coercion referred to whether this had occurred at any time.

Comparisons between Pacific and New Zealand European students in 2012

Table 11b. *Violence among Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|--|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Witness adults at home hit children | 366 / 1354 | 27.0 (24.2 - 29.9) | 361 / 3903 | 9.2 (8.3 - 10.1) |
| Witness adults at home hit other adults | 207 / 1350 | 15.4 (13.2 - 17.5) | 171 / 3925 | 4.4 (3.8 - 4.9) |
| Student hit or harmed on purpose | 388 / 1422 | 27.4 (23.8 - 31.0) | 1170 / 4008 | 29.2 (26.6 - 31.8) |
| Been in a serious physical fight in the past 12 months | 340 / 1410 | 24.1 (21.3 - 27.0) | 391 / 4002 | 9.8 (8.3 - 11.3) |
| Ever experienced sexual abuse or coercion | 283 / 1284 | 22.0 (19.4 - 24.6) | 466 / 3885 | 12.0 (10.9 - 13.1) |

Student hit or harmed on purpose can occur within their home or in public place such as at school.

In 2012 the question was 'In the last 12 months how many times have you been in a serious physical fight?'. Serious fight was self-defined by students.

For the items "witness adults at home hit children", 'witness adults at home hit other adults' and 'Student hit or harmed on purpose' students reported whether this had happened within the last 12 months. Whereas the question about sexual abuse or coercion referred to whether this had occurred at any time.

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 11c. *Violence among Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|--|-----------|-----------------------|----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Witness adults at home hit children | 131 / 403 | 32.5 (28.0 – 37.0) | 65 / 228 | 28.5 (21.1 – 35.9) | 45 / 150 | 30.1 (24.5 – 35.7) |
| Witness adults at home hit other adults | 60 / 401 | 15.0 (11.2 – 18.7) | 36 / 227 | 15.9 (10.3 – 21.4) | 26 / 147 | 17.8 (10.9 – 24.6) |
| Student hit or harmed on purpose | 107 / 425 | 25.2 (21.7 – 28.6) | 54 / 240 | 22.5 (14.2 – 30.8) | 44 / 158 | 27.9 (21.7 – 34.1) |
| Been in a serious physical fight in the last 12 months | 93 / 422 | 22.0 (18.2 – 25.8) | 63 / 238 | 26.5 (21.0 – 31.9) | 46 / 157 | 29.4 (24.7 – 34.1) |
| Ever experienced sexual abuse or coercion | 89 / 378 | 23.5 (19.1 – 27.9) | 59 / 218 | 27.1 (20.9 – 33.2) | 28 / 147 | 19.1 (10.0 – 28.3) |

Student hit or harmed on purpose can occur within their home or in public place such as at school.

In 2012 the question was 'In the last 12 months how many times have you been in a serious physical fight?'. Serious fight was self-defined by students.

For the items "witness adults at home hit children", 'witness adults at home hit other adults' and 'Student hit or harmed on purpose' students reported whether this had happened within the last 12 months. Whereas the question about sexual abuse or coercion referred to whether this had occurred at any time.

11. Part B. Additional results

Results for Pacific Students in 2012

Table 11d. *Experiences of violence among Pacific students in 2012*

| | | Witness adults in the home hitting or physically hurting a child | | Witnessing adults in your home hitting or physically hurting each other | | Student been hit or harmed by an adult in their home in the last 12 months | |
|---------------------------|--------------------------|--|-----------------------|---|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 366 / 1354 | 27.0 (24.1 - 29.9) | 207 / 1350 | 15.4 (13.2 - 17.5) | 309 / 1358 | 22.8 (19.9 - 25.7) |
| Sex | Female | 232 / 777 | 29.9 (26.0 - 33.8) | 137 / 777 | 17.7 (14.2 - 21.1) | 189 / 779 | 24.3 (21.2 - 27.4) |
| | Male | 134 / 577 | 23.2 (19.6 - 26.8) | 70 / 573 | 12.2 (10.2 - 14.2) | 120 / 579 | 20.7 (16.7 - 24.7) |
| Age | 12 - 15 | 273 / 926 | 29.5 (26.4 - 32.7) | 155 / 924 | 16.8 (14.3 - 19.3) | 234 / 928 | 25.3 (22.3 - 28.3) |
| | 16 - 18 | 93 / 427 | 21.7 (17.2 - 26.2) | 52 / 425 | 12.3 (9.5 - 15.0) | 75 / 429 | 17.4 (12.9 - 21.8) |
| Neighbourhood deprivation | Low | 15 / 91 | 16.5 (8.6 - 24.4) | 17 / 89 | 19.3 (11.7 - 26.9) | 17 / 90 | 19.1 (11.9 - 26.3) |
| | Medium | 69 / 302 | 22.8 (19.3 - 26.4) | 41 / 303 | 13.6 (10.5 - 16.7) | 67 / 304 | 22.1 (18.4 - 25.8) |
| | High | 278 / 941 | 29.6 (25.9 - 33.3) | 147 / 937 | 15.7 (13.1 - 18.3) | 221 / 943 | 23.4 (19.4 - 27.5) |
| Household deprivation | Household deprivation | 246 / 663 | 37.1 (32.1 - 42.2) | 133 / 657 | 20.2 (16.6 - 23.9) | 195 / 663 | 29.4 (23.9 - 34.9) |
| | No household deprivation | 120 / 691 | 17.4 (15.2 - 19.6) | 74 / 693 | 10.7 (8.4 - 13.1) | 114 / 695 | 16.5 (13.7 - 19.2) |

Table 11d. *Experiences of violence among Pacific students in 2012 continued*

| | | Student been hit or harmed on purpose by another person in the past 12 months | | Student hit or harmed someone else on purpose in the last 12 months | | Been in a serious physical fight in the past 12 months | |
|---------------------------|--------------------------|---|-----------------------|---|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 388 / 1422 | 27.4 (23.8 - 31.0) | 375 / 1410 | 26.5 (23.3 - 29.8) | 340 / 1410 | 24.1 (21.3 - 27.0) |
| Sex | Female | 220 / 806 | 27.3 (23.0 - 31.6) | 192 / 803 | 23.9 (20.3 - 27.5) | 155 / 803 | 19.3 (15.9 - 22.7) |
| | Male | 168 / 616 | 27.4 (23.7 - 31.2) | 183 / 607 | 30.0 (25.0 - 35.0) | 185 / 607 | 30.5 (27.1 - 33.8) |
| Age | 12 - 15 | 271 / 973 | 28.0 (23.5 - 32.4) | 276 / 965 | 28.5 (24.5 - 32.5) | 254 / 965 | 26.4 (23.3 - 29.4) |
| | 16 - 18 | 117 / 448 | 26.1 (22.5 - 29.8) | 99 / 444 | 22.3 (17.0 - 27.6) | 86 / 444 | 19.3 (14.1 - 24.5) |
| Neighbourhood deprivation | Low | 27 / 91 | 30.1 (18.7 - 41.5) | 30 / 92 | 32.8 (22.6 - 42.9) | 23 / 92 | 25.4 (15.4 - 35.4) |
| | Medium | 95 / 314 | 30.3 (26.0 - 34.5) | 71 / 313 | 22.6 (16.6 - 28.6) | 64 / 313 | 20.6 (16.8 - 24.3) |
| | High | 258 / 995 | 26.0 (21.6 - 30.4) | 268 / 983 | 27.2 (22.6 - 31.7) | 245 / 983 | 24.9 (21.2 - 28.5) |
| Household deprivation | Household deprivation | 221 / 695 | 31.9 (26.4 - 37.3) | 198 / 688 | 28.8 (23.1 - 34.5) | 194 / 688 | 28.2 (23.8 - 32.6) |
| | No household deprivation | 167 / 727 | 23.0 (19.6 - 26.5) | 177 / 722 | 24.4 (21.0 - 27.8) | 146 / 722 | 20.2 (17.3 - 23.2) |

Table 11e. *Pacific students experiences of sexual abuse and coercion in 2012*

| | | Ever been touched in a sexual way or made to do unwanted sexual things | | Experienced sexual abuse and not told anyone | |
|---------------------------|--------------------------|--|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 283 / 1284 | 22.0 (19.4 - 24.6) | 126 / 207 | 60.9 (54.1 - 67.7) |
| | | | | | |
| Sex | Female | 200 / 735 | 27.2 (23.5 - 30.8) | 85 / 155 | 54.7 (48.0 - 61.4) |
| | Male | 83 / 549 | 15.0 (11.9 - 18.1) | 41 / 52 | 79.6 (69.8 - 89.4) |
| Age | 12 - 15 | 191 / 890 | 21.4 (18.0 - 24.8) | 77 / 126 | 61.1 (52.1 - 70.1) |
| | 16 - 18 | 92 / 393 | 23.4 (19.4 - 27.4) | 49 / 81 | 60.6 (50.1 - 71.1) |
| Neighbourhood deprivation | Low | 18 / 86 | 20.8 (13.1 - 28.6) | 7 / 15 | 46.6 (22.0 - 71.3) |
| | Medium | 54 / 284 | 19.0 (14.4 - 23.5) | 23 / 37 | 62.0 (47.3 - 76.8) |
| | High | 206 / 899 | 22.8 (19.4 - 26.3) | 94 / 150 | 62.7 (55.1 - 70.3) |
| Household deprivation | Household deprivation | 167 / 607 | 27.5 (22.4 - 32.6) | 76 / 84 | 61.7 (52.7 - 70.7) |
| | No household deprivation | 116 / 677 | 17.0 (14.2 - 19.8) | 50 / 207 | 59.7 (49.9 - 69.5) |

12. Neighbourhood and Spirituality

12. Part A. Data that relates to figures in the Youth'12 Pacific Report

Comparisons between 2001, 2007 and 2012

Table 12a. *Neighbourhood and spirituality for Pacific students between 2001, 2007 and 2012*

| | 2001 | | 2007 | | 2012 | |
|--|------------|-----------------------|------------|-----------------------|------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Any employment over the past 12 months | 277 / 1009 | 27.1 (22.6 - 31.6) | 315 / 1037 | 30.3 (26.9 - 33.6) | 201 / 1307 | 15.4 (12.3 - 18.4) |
| Feel safe in their neighbourhood | 429 / 902 | 47.6 (43.9 - 51.2) | 432 / 984 | 43.8 (40.3 - 47.3) | 667 / 1247 | 53.4 (50.3 - 56.6) |
| Spiritual beliefs are important | 535 / 897 | 59.8 (54.8 - 64.7) | 381 / 672 | 56.8 (51.7 - 61.8) | 789 / 1286 | 61.2 (54.7 - 67.6) |

Comparisons between Pacific and New Zealand European students in 2012

Table 12b. *Neighbourhood and spirituality for Pacific and New Zealand European students in 2012*

| | Pacific | | New Zealand European | |
|--|------------|-----------------------|----------------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) |
| Any employment over the past 12 months | 201 / 1307 | 15.4 (12.2 - 18.5) | 1304 / 3945 | 33.0 (30.6 - 35.5) |
| Feel safe in their neighbourhood | 667 / 1247 | 53.4 (50.3 - 56.6) | 2219 / 3878 | 57.3 (55.4 - 59.2) |
| Spiritual beliefs are important | 789 / 1286 | 61.2 (54.6 - 67.7) | 633 / 3900 | 15.9 (14.3 - 17.6) |

Comparisons between Samoan, Tongan and Cook Island students in 2012

Table 12c. *Neighbourhood and spirituality for Samoan, Tongan and Cook Island students in 2012*

| | Samoan | | Tongan | | Cook Island | |
|--|-----------|-----------------------|-----------|-----------------------|-------------|-----------------------|
| | n / N | % (95% CI) | n / N | % (95% CI) | n / N | % (95% CI) |
| Any employment over the past 12 months | 46 / 375 | 12.3 (7.4 – 17.2) | 25 / 220 | 11.4 (8.7 – 14.0) | 27 / 150 | 18.0 (10.6 - 25.5) |
| Feel safe in their neighbourhood | 177 / 366 | 48.3 (44.9 - 51.8) | 120 / 206 | 58.3 (51.4 - 65.2) | 86 / 140 | 61.7 (51.7 - 71.7) |
| Spiritual beliefs are important | 306 / 386 | 79.2 (75.4 - 83.1) | 171 / 213 | 80.3 (76.0 - 84.5) | 68 / 141 | 48.0 (39.2 - 56.8) |

12. Part B. Additional results

Table 12d. *Employment for Pacific students in 2012*

| | | Any paid employment in the last 12 months | | Regular part-time job | | Unpaid work in a family business | |
|---------------------------|--------------------------|---|-----------------------|-----------------------|-----------------------|----------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 390 / 1307 | 29.8 (25.3-34.4) | 201 / 1309 | 15.4 (12.2-18.5) | 198 / 1309 | 15.1 (12.7-17.5) |
| | | | | | | | |
| Sex | Female | 178 / 758 | 23.5 (18.5 - 28.6) | 93 / 758 | 12.3 (8.9 - 15.7) | 104 / 758 | 13.7 (10.9 - 16.5) |
| | Male | 212 / 549 | 38.6 (34.4 - 42.7) | 108 / 549 | 19.6 (16.3 - 22.9) | 94 / 551 | 16.9 (13.5 - 20.3) |
| Age | 12 - 15 | 256 / 900 | 28.4 (23.9 - 33.0) | 117 / 900 | 12.9 (10.2 - 15.7) | 138 / 901 | 15.3 (12.5 - 18.0) |
| | 16 - 18 | 134 / 406 | 33.0 (27.1 - 38.9) | 84 / 406 | 20.8 (15.1 - 26.4) | 60 / 407 | 14.8 (10.3 - 19.2) |
| Neighbourhood deprivation | Low | 47 / 91 | 51.3 (37.3 - 65.3) | 27 / 91 | 29.6 (18.2 - 40.9) | 17 / 86 | 19.7 (11.4 - 28.1) |
| | Medium | 100 / 291 | 34.4 (28.3 - 40.6) | 46 / 291 | 15.9 (11.2 - 20.5) | 38 / 295 | 12.9 (9.4 - 16.5) |
| | High | 237 / 908 | 26.1 (22.1 - 30.1) | 124 / 908 | 13.6 (10.4 - 16.7) | 137 / 911 | 14.9 (12.3 - 17.6) |
| Household deprivation | Household deprivation | 149 / 629 | 23.7 (18.6 - 28.8) | 72 / 629 | 11.4 (7.1 - 15.8) | 98 / 628 | 15.6 (11.9 - 19.2) |
| | No household deprivation | 241 / 678 | 35.5 (30.1 - 41.0) | 129 / 678 | 19.0 (15.0 - 23.0) | 100 / 681 | 14.7 (11.5 - 17.8) |

Table 12e. *Pacific students' neighbourhoods and safety in 2012*

| | | Have an adult outside their family they would feel okay talking to about a problem | | Trust people in their neighbourhood | | Feel safe in their neighbourhood | |
|------------------------------|-----------------------------|--|-----------------------|-------------------------------------|-----------------------|----------------------------------|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 691 / 1294 | 53.5 (51.1 - 55.8) | 973 / 1247 | 78.0 (76.0 - 80.0) | 667 / 1247 | 53.4 (50.3 - 56.6) |
| | | | | | | | |
| Sex | Female | 412 / 749 | 55.1 (51.6 - 58.5) | 551 / 728 | 75.7 (73.0 - 78.3) | 371 / 728 | 50.9 (48.2 - 53.7) |
| | Male | 279 / 545 | 51.3 (47.9 - 54.6) | 422 / 519 | 81.4 (78.6 - 84.2) | 296 / 519 | 57.0 (51.7 - 62.2) |
| Age | 12 - 15 | 461 / 890 | 51.9 (48.6 - 55.2) | 669 / 852 | 78.5 (75.7 - 81.3) | 469 / 852 | 55.0 (51.1 - 58.9) |
| | 16 - 18 | 229 / 403 | 56.8 (51.1 - 62.6) | 304 / 394 | 77.2 (72.3 - 82.1) | 198 / 394 | 50.2 (45.3 - 55.1) |
| Neighbourhood deprivation | Low | 51 / 88 | 57.7 (46.8 - 68.5) | 77 / 88 | 87.5 (80.7 - 94.4) | 51 / 88 | 57.7 (46.7 - 68.7) |
| | Medium | 152 / 292 | 52.1 (47.0 - 57.2) | 236 / 281 | 84.0 (79.9 - 88.1) | 160 / 281 | 56.9 (51.7 - 62.2) |
| | High | 478 / 899 | 53.2 (50.8 - 55.7) | 650 / 864 | 75.2 (73.2 - 77.2) | 447 / 864 | 51.7 (47.1 - 56.3) |
| Household deprivation | Household deprivation | 311 / 617 | 50.4 (47.0 - 53.7) | 447 / 590 | 75.7 (72.1 - 79.4) | 300 / 590 | 50.7 (44.8 - 56.5) |
| | No household deprivation | 380 / 677 | 56.3 (53.0 - 59.6) | 526 / 657 | 80.1 (76.4 - 83.8) | 367 / 657 | 55.9 (51.8 - 60.0) |

Table 12f. *Pacific students' spiritual beliefs in 2012*

| | | Spiritual beliefs are important to student | | Attends a place of worship weekly or more often | | Student feels they belong at their place of worship | |
|---------------------------|--------------------------|--|-----------------------|---|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 789 / 1286 | 61.2 (54.6 - 67.7) | 778 / 1301 | 59.7 (53.5 - 65.9) | 778 / 1250 | 62.2 (56.4 - 67.9) |
| | | | | | | | |
| Sex | Female | 481 / 750 | 64.1 (58.0 - 70.1) | 477 / 753 | 63.3 (57.2 - 69.5) | 475 / 722 | 65.8 (61.1 - 70.5) |
| | Male | 308 / 536 | 57.1 (47.4 - 66.8) | 301 / 548 | 54.7 (46.5 - 62.9) | 303 / 528 | 57.2 (48.6 - 65.8) |
| Age | 12 - 15 | 540 / 882 | 61.0 (54.4 - 67.6) | 529 / 894 | 59.1 (53.1 - 65.1) | 517 / 852 | 60.6 (54.8 - 66.4) |
| | 16 - 18 | 249 / 403 | 61.7 (54.1 - 69.4) | 249 / 406 | 61.2 (53.4 - 68.9) | 261 / 397 | 65.6 (58.8 - 72.4) |
| Neighbourhood deprivation | Low | 33 / 88 | 37.4 (26.8 - 48) | 30 / 88 | 34.3 (24.9 - 43.6) | 32 / 85 | 37.7 (27.7 - 47.7) |
| | Medium | 139 / 293 | 47.1 (39.4 - 54.8) | 132 / 296 | 44.4 (37.3 - 51.6) | 145 / 280 | 51.6 (45.2 - 58.0) |
| | High | 609 / 890 | 68.3 (63.4 - 73.3) | 610 / 902 | 67.6 (63.1 - 72.1) | 594 / 872 | 68.1 (63.7 - 72.5) |
| Household deprivation | Household deprivation | 405 / 614 | 65.9 (61.3 - 70.5) | 408 / 620 | 65.8 (60.9 - 70.7) | 381 / 594 | 64.1 (59.2 - 69.1) |
| | No household deprivation | 384 / 672 | 56.9 (48.1 - 65.7) | 370 / 681 | 54.2 (46.9 - 61.5) | 397 / 656 | 60.4 (53.3 - 67.4) |

Table 12g. *Pacific students' friends and peer relationships in 2012*

| | | Have fun with their friends some or all of the time | | Have a friend they can talk to about anything | | A friend who will help and look out for them | |
|---------------------------|--------------------------|---|------------------------|---|-----------------------|--|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 1272 / 1293 | 98.4 (97.8 - 99.0) | 1258 / 1331 | 94.6 (93.5 - 95.7) | 1253 / 1293 | 96.9 (96.1 - 97.7) |
| Sex | Female | 741 / 750 | 98.8 (98 - 99.6) | 744 / 768 | 96.9 (95.8 - 97.9) | 735 / 750 | 98.0 (97.2 - 98.8) |
| | Male | 531 / 543 | 97.8 (96.7 - 98.9) | 514 / 563 | 91.5 (89.0 - 94.0) | 518 / 543 | 95.4 (93.6 - 97.1) |
| Age | 12 - 15 | 874 / 888 | 98.4 (97.7 - 99.1) | 861 / 917 | 94.0 (92.5 - 95.5) | 857 / 888 | 96.5 (95.3 - 97.7) |
| | 16 - 18 | 398 / 404 | 98.5 (97.6 - 99.5) | 397 / 413 | 96.1 (94.6 - 97.7) | 395 / 404 | 97.8 (96.5 - 99.1) |
| Neighbourhood deprivation | Low | 86 / 87 | 98.9 (96.6 - 100.0) | 83 / 89 | 93.3 (88.0 - 98.5) | 82 / 82 | 94.3 (89.3 - 99.3) |
| | Medium | 291 / 295 | 98.6 (97.3 - 100.0) | 282 / 301 | 93.7 (90.8 - 96.6) | 286 / 295 | 97.0 (95.0 - 98.9) |
| | High | 881 / 897 | 98.2 (97.5 - 98.9) | 879 / 926 | 95.0 (93.9 - 96.2) | 871 / 897 | 97.1 (96.3 - 97.8) |
| Household deprivation | Household deprivation | 602 / 614 | 98.0 (97.1 - 98.9) | 594 / 636 | 93.4 (91.7 - 95.1) | 595 / 614 | 96.9 (96.0 - 97.8) |
| | No household deprivation | 670 / 679 | 98.7 (97.8 - 99.6) | 664 / 695 | 95.7 (94.2 - 97.2) | 658 / 679 | 96.9 (95.6 - 98.2) |

Table 12g. *Pacific students' participation in the community in 2012*

| | | Gives time to the help others in the community | | Student belongs to a community run group | | Student belongs to a church | | Student belongs to a community sports team or group | |
|------------------------------|-----------------------------|---|-----------------------|---|-----------------------|-----------------------------|-----------------------|---|-----------------------|
| | | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI | n / N | % 95% CI |
| Total | | 357 / 965 | 36.7 (33.7 - 39.7) | 978 / 1302 | 75.1 (73.1 - 77.2) | 645 / 1302 | 49.5 (44.3 - 54.7) | 535 / 1302 | 41.1 (36.7 - 45.5) |
| Sex | Female | 215 / 584 | 36.7 (33.6 - 39.7) | 576 / 759 | 75.9 (73.3 - 78.5) | 422 / 759 | 55.6 (50.5 - 60.7) | 250 / 759 | 32.9 (27.7 - 38.2) |
| | Male | 142 / 381 | 36.8 (31.2 - 42.4) | 402 / 543 | 74.1 (70.6 - 77.6) | 223 / 543 | 41.0 (34.3 - 47.6) | 285 / 543 | 52.5 (47.7 - 57.2) |
| Age | 12 - 15 | 227 / 637 | 35.3 (31.2 - 39.5) | 652 / 898 | 72.6 (70.1 - 75.2) | 427 / 898 | 47.5 (42.5 - 52.5) | 373 / 898 | 41.5 (37.0 - 46.1) |
| | 16 - 18 | 130 / 327 | 39.5 (34.9 - 44.2) | 325 / 403 | 80.7 (77.2 - 84.2) | 218 / 403 | 54.0 (46.9 - 61.1) | 161 / 403 | 40.0 (32.9 - 47.1) |
| Neighbourhood deprivation | Low | 16 / 71 | 22.4 (13.3 - 31.6) | 66 / 85 | 77.8 (70.4 - 85.1) | 21 / 85 | 24.8 (16.8 - 32.9) | 48 / 85 | 56.4 (45.5 - 67.4) |
| | Medium | 80 / 234 | 33.9 (28.6 - 39.3) | 212 / 298 | 71.1 (66.6 - 75.5) | 116 / 298 | 38.8 (31.9 - 45.7) | 131 / 298 | 43.9 (37.8 - 50.1) |
| | High | 255 / 647 | 39.2 (35.8 - 42.5) | 686 / 903 | 76.0 (73.3 - 78.8) | 502 / 903 | 55.6 (50.3 - 60.9) | 349 / 903 | 38.6 (33.9 - 43.4) |
| Household deprivation | Household deprivation | 167 / 443 | 37.4 (33.7 - 41.2) | 476 / 627 | 75.9 (73.4 - 78.5) | 346 / 627 | 55.2 (50.4 - 60.1) | 229 / 627 | 36.5 (32.0 - 40.9) |
| | No household deprivation | 190 / 522 | 36.1 (31.5 - 40.8) | 502 / 675 | 74.4 (71.1 - 77.7) | 299 / 675 | 44.2 (37.8 - 50.5) | 306 / 675 | 45.4 (39.5 - 51.3) |

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