



**YOUTH2000 SURVEY SERIES**

# Young people who have been involved with Oranga Tamariki Community and contexts

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**YOUTH19**  
A Youth2000 survey

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Further Youth19 publications are available at [www.youth19.ac.nz](http://www.youth19.ac.nz)

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# Summary

This report provides data from the Youth19 Rangatahi Smart Survey (Youth19) about secondary school students who reported being involved with Oranga Tamariki or Child Youth and Family Services.

Youth19 is a comprehensive adolescent health and wellbeing survey completed with 7,721 Year 9–13 students in schools and kura kaupapa Māori in the Auckland, Tai Tokerau and Waikato education districts in 2019. Almost all of these students were aged between 13 and 18 years. Robust sampling processes and statistical methods were used to produce prevalence estimates for important health and wellbeing indicators for Year 9–13 students across Aotearoa New Zealand (Fleming et al., 2020; Rivera-Rodriguez et al., 2021).

In addition, 92 Alternative Education (AE) students and 78 young people who were not in employment, education, or training (NEET) took part in Youth19. These are smaller samples that were not randomly selected, so results for these participants are reported briefly in a section of this report.

The survey was completed in English or te reo Māori with optional voiceover. Ethical approval was granted by The University of Auckland Human Subjects Ethics Committee (application #022244). For more about Youth19, see our *Youth19 Rangatahi Smart Survey, Initial Findings: Introduction and Methods* report, which explains how the survey was conducted, who was included and how to interpret the results. This document, the full Youth19 questionnaire, and other Youth19 outputs are available at [www.youth19.ac.nz](http://www.youth19.ac.nz).

As part of Youth19, participants answered questions about home and community, including two questions relating to Oranga Tamariki:

- Have you ever been involved with Oranga Tamariki (OT) or Child, Youth and Family Services (CYFS)? E.g., someone was worried about your safety or protection.
- Are you still currently involved in Oranga Tamariki?

Participants could answer yes or no to each of these questions or, as for all survey questions, they could elect not to respond.

The role of Oranga Tamariki—Ministry for Children is to promote the wellbeing of tamariki, rangatahi and their whānau. Oranga Tamariki support children and young people in New Zealand whose wellbeing is at significant risk of harm (Care and Protection). They also work with young people who may have offended or are likely to offend (Youth Justice). The predecessor of Oranga Tamariki was Child, Youth and Family (CYF). The Youth19 survey questions are framed to capture the maximum number of young people who have engaged with Oranga Tamariki, including both Care and Protection and Youth Justice. They do not specify whether the young person has entered care or youth justice custody or is engaging

with Oranga Tamariki in another way. For more information, see Appendix 3: Oranga Tamariki—Ministry for Children.

This report examines life at school and in the community, substance use, and exposure to violence for students who reported they had *ever* been involved with Oranga Tamariki or Child Youth and Family Services (hereafter referred to as Oranga Tamariki), students who reported they were *currently* involved, and students who reported they had *never* been involved with Oranga Tamariki. Next, we present ethnic-specific analyses and analyses for young people in AE or NEET. These analyses do not include analysis of those currently involved, as this group is too small to allow for robust comparisons. We have used ethnic prioritisation reporting throughout this report, with comments included where total ethnicity reporting results in important differences for Pacific young people or other groups.

This report is part of a series that will be completed during 2021 and 2022 to provide information on health and wellbeing topics for young people involved with Oranga Tamariki. These will be accompanied by a *Youth Voices* report, which will present analysis of open-text responses from Youth19 participants involved with Oranga Tamariki.

## Key findings

Most young people in the survey reported positive school and community contexts, however there were major inequities, with those ever involved with Oranga Tamariki reporting greater challenges in almost every area than those never involved.

Those currently involved are a relatively small group. For most outcomes, the 95% confidence intervals for these young people overlap with those for with one or both other groups. This means that apparent differences between groups are not definitive: they can be considered within a rigorous margin of error (as explained in the Methods section of this report). Hence, in this summary, we focus on those ever involved with Oranga Tamariki compared with those never involved.

Compared with young people never involved with Oranga Tamariki, those ever involved were:

- less likely to report feeling part of school, feeling safe at school, that adults at school care about them, and that teachers treat students fairly, and more likely to report frequent bullying
- more likely to smoke cigarettes, vape, drink alcohol weekly or more, binge drink and use marijuana
- more likely to have been hit or harmed by others, been hit or harmed by an adult in the home, and experienced sexual violence, abuse or unwanted sexual behaviours; more likely to have been in trouble with the police and treated unfairly by the police because of their ethnicity
- more likely to look after others at home (e.g., younger or older family members) at least weekly, less likely to belong to a sports team or group, and less likely to be enrolled or planning to enrol to vote.

There were no statistically significant differences in proportions who had a paid job or gave time to help others in their community. Those ever involved with Oranga Tamariki were more likely than those never involved to belong to a group other than a sports group.

For taura Māori (Māori students), Oranga Tamariki involvement was associated with inequities on all but four of the measures in this report. Compared with taura Māori never involved with Oranga Tamariki, taura Māori ever involved were:

- less likely to feel safe at school, that adults at school care about them, and that teachers treat students fairly, and more likely to be bullied frequently
- more likely to smoke cigarettes, vape, drink weekly or more, and use marijuana
- more likely to have been hit or harmed by others, been hit or harmed by an adult in the home, and experienced sexual violence, abuse or unwanted sexual behaviours; more likely to have been in trouble with the police and to have been treated unfairly by the police because of their ethnicity
- more likely to look after others at home at least weekly and less likely to belong to a sports team or group, give time to help others in their school or community, and be enrolled or planning to enrol to vote.

There were no statistically significant differences in proportions who reported feeling part of school, binge drinking or having a paid job. Those ever involved were more likely than those never involved to belong to a group other than a sports group.

Pacific students involved with Oranga Tamariki also reported inequities compared with those not involved. Among Pacific students, those with Oranga Tamariki involvement were less likely to feel that teachers treated students fairly and less likely to feel safe at school than those never involved. They were also more likely to report drinking weekly or more, experiences of violence, being involved with the police and discrimination by the police due to ethnicity. Other differences were not statistically significant.

For Asian students, being involved with Oranga Tamariki was associated with lower rates of feeling that adults at school care and that teachers treat students fairly, and higher rates of being bullied weekly or more. Oranga Tamariki involvement was also associated with higher rates of cigarette use and experiences of violence and higher rates of being involved with the police and discrimination by the police. Other differences were not statistically significant.

As for taura Māori, for Pākehā and other ethnicity students, being involved with Oranga Tamariki was associated with increased risk on almost every indicator in this report. Compared with Pākehā and other ethnicity students never involved with Oranga Tamariki, those ever involved were:

- less likely to feel part of school and that adults at school care about them, less likely to feel that teachers treat students fairly, less likely to feel safe at school, and more likely to be bullied weekly or more
- more likely to smoke cigarettes, drink weekly or more, binge drink and use marijuana

- more likely to have been hit or harmed by an adult in the home and experienced sexual violence, abuse or unwanted sexual behaviours; more likely to have been in trouble with the police and treated unfairly by the police because of their ethnicity
- more likely to look after others at home least weekly, less likely to belong to a sports team or group, and less likely to be enrolled or planning to enrol to vote.

There were no statistically significant differences in vaping, having been hit or harmed by others, having a paid job or giving time to help others in the community for this group. Those ever involved were more likely than those never involved to belong to a group other than a sports group.

AE students and young people NEET who had ever been involved with Oranga Tamariki reported higher rates of being hit or harmed in the last 12 months, higher rates of sexual violence, abuse or unwanted touching and higher rates of belonging to a sports team or group than those who had never been involved. Differences on other indicators were not statistically significant.

## Discussion

The findings of this and other Youth19 Oranga Tamariki reports illustrate that young people who have been involved with Oranga Tamariki face inequities across multiple areas of life (all reports available at [www.youth19.ac.nz](http://www.youth19.ac.nz)).

The Youth19 *Home and Housing* report shows that those ever involved with Oranga Tamariki are considerably more likely than those never involved to face challenges in areas including housing deprivation, food insecurity and power insecurity. They are less likely to feel safe in their home and to get enough quality time with their families. Although most report positive family connections, these are generally not as high as for those not involved with Oranga Tamariki. Our *Culture and Identity* report shows that those ever involved with Oranga Tamariki are generally less likely to feel comfortable in their own cultural settings, although they report strong cultural knowledge and pride overall and there are some ethnic differences in these outcomes. Our *Health and Mental Health* report shows that those ever involved with Oranga Tamariki are more than twice as likely to have poor mental health, are more likely to have disabling health conditions, and have higher sexual health needs than those never involved. Despite higher health needs, those ever involved with Oranga Tamariki are less likely to have seen a health professional in the last year than those never involved, and more likely to report being unable to access health care when they needed it.

In our companion *Youth Voices* report, we present the perspectives of those involved with Oranga Tamariki about what would make the biggest differences for them at home, at school and in their communities. Youth19 included open text questions about each of these areas, which young people could answer in their own words. In all areas, those involved with Oranga Tamariki highlighted the importance of being heard and having a say in important decisions in their life, of being treated fairly at school and in communities, of



having people who love and care about them, and of access to basic material resources including food, warmth and housing.

The findings presented in this report add that young people who have been involved with Oranga Tamariki also face major inequities in communities, including in areas of schooling, substance use, exposure to violence, police involvement and community connections.

School connections are critical for educational success, wellbeing and equity. The data reported here suggest that schools may not be breaking cycles of disadvantage but could instead be adding to inequities for young people involved with Oranga Tamariki. Likewise, community opportunities promote young people's sense of belonging and provide opportunities to develop skills. Our findings suggest disparities in community opportunities for young people who have been involved with Oranga Tamariki.

The high rates of exposure to violence reported here highlight the importance of all aspects of safety and protection for those involved with Oranga Tamariki. The higher rates of ethnic discrimination from the police faced by young people with Oranga Tamariki involvement require urgent attention. These findings are particularly worrying given the disproportionate involvement of Māori in both policing and Oranga Tamariki and institutional racism in both of these settings (The Children's Commissioner, 2020).

Our findings that young people involved with Oranga Tamariki generally have higher substance use are not surprising in the contexts of deprivation, exposure to violence and family separation reported here. These findings highlight the importance of addressing substance use for young people involved with Oranga Tamariki. Key actions include ensuring that young people have positive ways to have fun, connect and relax; ensuring that all have access to supportive adults; reducing access to harmful substances in communities; and ensuring that those who need help with substance challenges can receive this support in ways that consider other aspects of their lives.

Involvement with Oranga Tamariki was associated with poorer outcomes for all ethnic groups, but particularly for rangatahi Māori and for Pākehā and other ethnicity (i.e., other European and 'Other' ethnicity) young people. Given high rates of Oranga Tamariki involvement among Māori, the systematic inequities faced by Māori, and obligations under Te Tiriti o Waitangi, these findings underscore the urgency of improving the system for whānau and rangatahi Māori in particular, as well as for all young people and families.

Youth19 is a cross-sectional survey: the links between involvement with Oranga Tamariki and inequities are associations, rather than one necessarily causing the other. However, these links do show that those involved with Oranga Tamariki have multiple important and complex needs. Together, these reports highlight the urgency of promoting equity and meeting the comprehensive wellbeing needs of those involved with Oranga Tamariki. These efforts will require actions from Oranga Tamariki as well as from those in schools, health systems and communities.

## Conclusion

The findings of this and companion reports highlight that young people involved with Oranga Tamariki face multiple injustices across their home, family, school and community lives, and major challenges in mental health and wellbeing. Despite strengths, including caring for others and maintaining family, school and community connections, those involved with Oranga Tamariki have urgent needs for basic rights that all young people in Aotearoa New Zealand should be able to take for granted, including for love, for basic material resources and for fair treatment.

It is vital that these basic rights are met and that we do not continue to fail young people who have already faced challenging lives. This requires a focus on wellbeing as well as addressing inequities, and requires the urgent efforts of Oranga Tamariki along with government agencies, schools, health services and communities.

# Methods

Youth19 is a large-scale cross-sectional survey and is the latest in the Youth 2000 Survey Series. For more about the Youth19 survey, see our *Youth19 Rangatahi Smart Survey, Initial Findings: Introduction and Methods* report (Fleming et al., 2020), which explains how the survey was conducted, who was included and how to interpret the results.

The full text for each question used in this report is shown in Appendix 1: Questionnaire Items.

The Youth19 questionnaire is available on our website [www.youth19.ac.nz](http://www.youth19.ac.nz).

## Participation: Mainstream schools and kura kaupapa Māori

7,721 Year 9–13 students from 49 schools, including 4 kura kaupapa Māori, participated in the Youth19 survey. This represents about 6% of year 9–13 students across the eligible schools (Fleming et al., 2020). Details of participants are included in Appendix 2: Participant inclusion criteria.

Responses were weighted to adjust for unequal probabilities of selection and calibrated to provide accurate estimates of the prevalence of each outcome among young people in New Zealand as a whole (Fleming et al., 2020; Rivera-Rodriguez et al., 2021). Seventy responses where respondent sex could not be determined were removed from the main analyses. Only 22 of these respondents completed more than 50% of the survey. Additional analyses of data from gender diverse students are available in our report, *Young people who have been involved with Oranga Tamariki: Rainbow young people*.

More than 97% of Youth19 participants, a total of 7,526 students, responded to questions regarding their involvement

with Oranga Tamariki or Child Youth and Family (CYF) and provided sufficient information to be included in this report. Their demographics are shown in Table 1. A total of 6,853 (91%) reported they had never been involved with Oranga Tamariki and 673 (9%) had ever been involved, of whom 143 were currently involved with Oranga Tamariki.

Students could indicate that they belonged to multiple ethnic groups. The New Zealand ethnicity prioritization method (Ministry of Health, 2017) was used to allocate those belonging to multiple groups to a single group for statistical analyses. We have also provided demographic data on Oranga Tamariki involvement using total ethnicity reporting in Table 8. These data add up to more than 100% of all responses as those belonging to more than one ethnicity are counted several times. We have included brief comments regarding findings by total ethnicity in key parts of this report and Tables 9–11 provide results for mainstream and kura kaupapa Māori students by total ethnicity.

## Participation: Alternative Education and young people not in education, employment, or training

In addition to students from schools and kura kaupapa Māori, 92 students from Alternative Education (AE) and 78 young people who were not in education, employment, or training (NEET) took part in Youth19. These were convenience rather than random samples, so their results are reported only in the section: ‘Young people in Alternative Education or not in education, employment, or training’ and do not appear in other tables in the report.

A total of 101 of the young people in AE or NEET indicated they had never been

involved with Oranga Tamariki and 64 had ever been involved, 12 of whom were currently involved, as shown in Table 12.

As the AE and NEET samples include relatively small numbers of participants, these results are not adjusted for national population estimates nor weighted for survey effects. Therefore, these results should be interpreted with caution – they may not be representative of all New Zealand AE students or NEET young people.

## Statistical methods and reporting for this report

In this report, we present data for each major indicator for the total population, including those who reported they had *never* been involved with Oranga Tamariki, those who said they had *ever* been involved, and those who said they were *currently* involved. Students in the *currently* involved group are a subset of students in the *ever* involved group and, for all tables showing *ever* involved students, data includes *currently* involved students.

Next, we present findings for each indicator within each main ethnic group using prioritised ethnicity reporting. This is in accordance with Adolescent Health Research Group policies.

We then present findings for young people who attend Alternative Education or who are not in education, employment, or training.

Finally, we include additional tables that provide more detail for students by total ethnicity reporting, and by age and sex of students. Given the relatively small numbers of students who reported that they were currently involved with Oranga Tamariki, results in additional tables are limited to those who indicated they had *never* or *ever* been involved. Tables presenting data for age and sex include an adjusted odds ratio for each variable. Odds ratios are adjusted for the effects of the survey sampling methods, as well as any demographic variables indicated in the footnote of the table.

Where numbers are too low to provide realistic data estimates, or where participant identities may not be well protected, data are shown as ‘Fewer than x’ in tables. In some cases, we also may obscure numbers for a large group as to prevent readers working out the size of a corresponding small group.

## Reading the tables

Demographic tables such as Table 1 show the number of students of a certain demographic (e.g., age or ethnicity), who participated in the survey. The first column shows the total number of students for that group, e.g., 7,526 students in total completed the survey and 1,657 were 15 years old. The second column shows the number of students that had never been involved with Oranga Tamariki and the percentage of the total number of students in that group, e.g., 1,469 or 90.8% of 15-year-old students were never involved.

Other tables show how many students answered a question in a particular way, with columns representing students who reported they had never been involved, had ever been involved, or were currently involved with Oranga Tamariki. In each row, 'n' refers to the number of students who responded in a particular way. For example, in the top row of Table 2, 5,824 students who had never been involved with Oranga Tamariki reported that they felt part of school. The 'N' refers to the number of students who answered that question (e.g., 6,740 students answered this question). N varies between questions as students could choose not to answer questions and they were not asked questions that were not relevant to them. The percent refers to the percentage of students who reported that response, once adjustments were made for the sampling design. This provides an estimate of the true proportion on that measure for that group of New Zealand young people. The confidence interval (95% CI) indicates the precision of this estimate by providing a range in which we are 95% sure the true value lies.

Where confidence intervals do not overlap for two different groups, we can be conservatively confident that the apparent differences between groups are not due to chance (O'Brien & Yi, 2016). The size of the confidence interval is impacted by the number of responses in that group – results from larger groups have narrower confidence intervals than those from small groups.

Some tables comparing those ever and never involved with Oranga Tamariki include adjusted odds ratios (aORs) along with 95% confidence intervals of the odds ratio and *p* values. These indicate the odds of an outcome occurring for students who report having ever been involved with Oranga Tamariki, compared to the odds of that outcome occurring for those who have not, once population differences in age, sex and ethnicity have been taken into account. An odds ratio below one suggests lower odds of an outcome occurring among students that had ever been involved, and an odds ratio greater than one suggests higher odds. A visual arrow indicator indicates the direction of this difference, where it is statistically significant. The *p* value gives the probability that the finding is due to chance. Where *p* is less than .05, it is considered **statistically significant** (i.e., we are confident that the apparent difference between those *never* involved and *ever* involved is a true difference and not due to chance).

Note that *p* values tell us about how confident we can be that differences are real, not how big differences are. When we analyse results from a large group, we can be more confident that small differences between groups can be

statistically significant because there is plenty of supporting data. Whereas, when groups are small, even very large differences between groups may not be statistically significant. This does not mean

that the apparent differences are unimportant, but that they must be interpreted with caution as they may be due to chance (O'Brien et al., 2015).

## Participants

As shown in Table 1, a total of 673 students (an estimated 9% of all secondary school students) reported that they had ever been involved with Oranga Tamariki, and 143 (2%) indicated they were currently involved with Oranga Tamariki.

A higher proportion of younger students reported that they had ever been involved with Oranga Tamariki. This may reflect earlier school leaving among students with a history of Oranga Tamariki involvement.

There were minimal differences in involvement for females compared with male students.

There were notable ethnic disparities, as shown in Table 1. Taurira Māori (Māori

students) were especially likely to report Oranga Tamariki involvement, followed by Pacific students. Oranga Tamariki involvement was lower among Pākehā and other European students and Asian students. While Oranga Tamariki involvement appears high among those of 'other' ethnicities, this group is small and diverse, so these results should be interpreted with caution. For this reason, the 'other' and 'Pākehā and other European' groups are combined to form a 'Pākehā and other ethnicity' group in this report.

Relatively small numbers of students reported that they were currently involved with Oranga Tamariki, hence apparent differences between groups should be interpreted with caution.

Table 1: Oranga Tamariki involvement by student demographics

	Total responses	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Currently involved with Oranga Tamariki	
	n	n	pct	n	pct	n	pct
Total	<b>7526</b>	6853	91.1%	673	9%	143	1.9%
<b>Age</b>							
13 years and under	<b>1360</b>	1220	89.7%	140	10.3%	34	2.5%
14 years	<b>1687</b>	1531	90.8%	156	9.2%	42	2.5%
15 years	<b>1657</b>	1496	90.3%	161	9.7%	34	2.1%
16 years	<b>1445</b>	1323	91.6%	122	8.4%	19	1.3%
17 years and over	<b>1377</b>	1283	93.2%	94	6.8%	14	1.0%
<b>Sex</b>							
Female	<b>4130</b>	3762	91.1%	368	8.9%	75	1.8%
Male	<b>3396</b>	3091	91.0%	305	9.0%	68	2.0%
<b>Ethnicity</b>							
Māori	<b>1465</b>	1221	83.3%	244	16.7%	64	4.4%
Pacific	<b>905</b>	816	90.2%	89	9.8%	17	1.9%
Tokelauan	<b>Fewer than 10</b>	Fewer than 10		Fewer than 10		Fewer than 10	
Fijian	<b>70</b>	Fewer than 100		Fewer than 10		Fewer than 10	
Niuean	<b>67</b>	Fewer than 100		Fewer than 10		Fewer than 10	
Tongan	<b>260</b>	236	90.8%	24	9.2%	Fewer than 10	
Cook Islands Māori	<b>138</b>	120	87.0%	18	13.0%	Fewer than 10	
Samoa	<b>325</b>	290	89.2%	35	10.8%	Fewer than 10	
Other Pacific Peoples	<b>Fewer than 50</b>	Fewer than 50		Fewer than 10		Fewer than 10	
Asian	<b>1742</b>	1626	93.3%	116	6.7%	20	1.1%
Southeast Asian	<b>370</b>	346	93.5%	24	6.5%	Fewer than 10	
Indian	<b>442</b>	410	92.8%	32	7.2%	Fewer than 10	
Chinese	<b>614</b>	570	92.8%	44	7.2%	Fewer than 10	
Other Asian	<b>316</b>	300	94.9%	16	5.1%	Fewer than 10	
Other	<b>383</b>	328	85.6%	55	14.4%	15	3.9%
Latin American	<b>39</b>	Fewer than 50		Fewer than 10		Fewer than 10	
African	<b>52</b>	Fewer than 50		Fewer than 10		Fewer than 10	
Middle Eastern	<b>79</b>	69	87.3%	10	12.7%	Fewer than 10	
Other Ethnicity	<b>208</b>	168	80.8%	40	19.2%	Fewer than 10	
Pākehā and other European	<b>3031</b>	2862	94.4%	169	5.6%	27	0.9%
Pākehā/NZE	<b>2383</b>	2258	94.8%	125	5.2%	20	0.8%
Other European	<b>648</b>	604	93.2%	44	6.8%	7	1.1%

Ethnicity is prioritised using Ministry of Health Ethnicity Data Protocols (Ministry of Health, 2017)

Demographic data represents the number of students participating in the survey and is not survey weighted or adjusted for national population estimates.

Those currently involved are also included in those ever involved.

# Findings for all students

Findings for all students that reported being *never*, *ever* and *currently* involved with Oranga Tamariki are shown in Table 2. Tables 10–13 show findings for all students never and ever involved by age and sex and include odds ratios and *p* values.

Young people who had ever been involved with Oranga Tamariki faced higher challenges than those who had not been involved for all but three of the 21 measures included in this report. Students who had been involved with Oranga Tamariki had poorer experiences at school, were more likely to be regular

substance users, suffered more violence experiences and had more negative police involvement.

For many of the measures, those currently involved appear to have higher challenges again. However, the numbers of young people currently involved are small, and all 95% confidence intervals for this group overlap with one or both of the never involved or ever involved groups. Therefore, differences between those currently involved and others are not definitive and should be interpreted with caution, as explained in the 'Reading the tables' section.

## School

Most young people felt part of their school, whether or not they reported Oranga Tamariki involvement, however there were major disparities. Compared with those never involved with Oranga Tamariki, overall, those ever involved reported poorer outcomes on every school indicator included here, including being:

- particularly less likely to feel that adults at school care about them

- less likely to feel that teachers treat students fairly
- over twice as likely to experience bullying in the past 12 months and less likely to feel safe at school.

Among those currently involved, very few felt that teachers treated students fairly and many did not feel safe at school, however differences between those currently involved and others are not definitive.



## Substance use

Young people who had ever been involved with Oranga Tamariki were more likely to report substance use than those never involved for each of the indicators included here. These differences were especially marked for weekly cigarette smoking and weekly marijuana use.

Those currently involved with Oranga Tamariki were approximately five times

more likely to smoke cigarettes weekly as those never involved, however they did not differ markedly from those never involved on weekly vaping and drinking alcohol. Rates of weekly marijuana use appear twice as high for those currently involved as those never involved, however these confidence intervals overlap, hence these data should be interpreted with caution.

## Violence and police involvement

Youth19 participants reported high rates of being deliberately hit or harmed by someone else in the last 12 months, most often by siblings (Fleming et al., 2021).

Compared with those who reported they had never been involved with Oranga Tamariki, young people ever involved reported:

- higher rates of being hit or harmed by others
- more than three times the rate of being hit or harmed by an adult at home
- over twice the rate of experiencing sexual violence, abuse or unwanted sexual experiences.

Those currently involved with Oranga Tamariki appear to have similar or higher rates of exposure to violence than those ever involved, however we cannot be confident of these differences due to small numbers.

Police involvement was much higher among those who also reported Oranga Tamariki involvement than among those without Oranga Tamariki involvement:

- More than one in five young people with Oranga Tamariki involvement reported being in trouble with the police in the last year, a much higher proportion than those with no involvement.
- Those ever involved with Oranga Tamariki were much more likely to report being treated unfairly by the police because of their ethnicity than those not involved.

Note that young people can be referred to Oranga Tamariki for safety or other care and protection concerns or for offending or alleged offending, as outlined in Appendix 3: Oranga Tamariki—Ministry for Children.

## Activities

Compared with young people who reported they had never been involved, those ever involved with Oranga Tamariki were:

- less likely to belong to a sports team or group
- more likely to belong to another group such as a cultural group, a diversity group or a music or drama group
- more likely to look after others at home at least once a week.

Just over half of students reported having paid employment, with no significant differences between those who were never involved or ever involved with Oranga Tamariki. Students who indicated they were currently involved with Oranga

Tamariki reported slightly lower levels of employment, however these results should be interpreted with caution due to low numbers in this group. A similar number of students gave time to help others in their school or community. There were no significant differences on these measures between those ever and those never involved with Oranga Tamariki.

Students who had never been involved with Oranga Tamariki were significantly more likely to be enrolled or planning to enrol to vote than students who were currently involved. Only half of students currently involved with Oranga Tamariki were enrolled or planning to enrol to vote in New Zealand elections.

Table 2: School, substance use, violence and police, and activities by Oranga Tamariki involvement for all students

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Currently involved with Oranga Tamariki	
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	n (N)	pct [95% CI]
<b>School</b>						
Feels a part of their school	5824 (6740)	85.4 [84.4-86.4]	549 (656)	81.2 [78.2-84.2]	126 (140)	90.2 [84.8-95.5]
Adults at school care about them	5382 (6790)	80.2 [79.0-81.3]	468 (662)	69.2 [65.7-72.7]	106 (141)	76.2 [69.5-83.0]
Teachers treat students fairly	4692 (6811)	70.8 [69.5-72.1]	342 (661)	49.9 [44.7-55.2]	58 (141)	43.4 [35.0-51.9]
Feel safe at school	6039 (6809)	88.6 [87.1-90.2]	500 (664)	73.5 [68.7-78.2]	104 (141)	69.0 [60.7-77.3]
Had been bullied weekly or more at school in previous 12 months	312 (6757)	5.1 [4.2-6.1]	74 (644)	12.3 [9.5-15.0]	18 (136)	11.4 [5.7-17.1]
<b>Substance use</b>						
Smokes cigarettes at least once a week	136 (6479)	1.9 [1.6-2.3]	45 (587)	8.8 [4.8-12.8]	12 (113)	11.1 [5.1-17.2]
Vapes at least once a week	363 (6472)	7.3 [6.3-8.4]	56 (584)	14.0 [11.5-16.6]	9 (112)	9.7 [2.5-16.9]
Drinks alcohol at least once a week	426 (6444)	8.5 [7.1-10.0]	61 (587)	16.3 [13.1-19.6]	9 (119)	9.4 [2.3-16.5]
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	1162 (6394)	21.2 [19.4-23.0]	142 (583)	28.7 [24.2-33.1]	24 (118)	21.2 [12.2-30.1]
Smokes marijuana at least once a week	220 (6337)	3.3 [2.7-3.9]	56 (568)	12.9 [10.2-15.7]	9 (109)	6.9 [2.1-11.6]
<b>Violence and police involvement</b>						
Was deliberately hit or physically harmed in last 12 months*	3015 (6011)	50.2 [48.4-52.0]	345 (545)	62.2 [57.9-66.6]	72 (108)	64.5 [55.7-73.3]
Hit or physically harmed by an adult at home in last 12 months	628 (6457)	8.6 [7.9-9.2]	134 (578)	26.2 [21.9-30.5]	34 (116)	31.5 [18.0-45.1]
Experienced sexual violence, abuse or unwanted sexual experiences	1038 (6448)	16.1 [15.0-17.2]	201 (581)	37.9 [33.5-42.3]	45 (116)	42.3 [31.8-52.7]
Been in trouble with the police in last 12 months	349 (6488)	5.9 [5.2-6.7]	103 (586)	23.3 [19.9-26.8]	25 (119)	20.8 [11.5-30.1]
Treated unfairly by the police because of their ethnicity in last 12 months	127 (6403)	1.9 [1.5-2.2]	33 (569)	7.3 [5.5-9.2]	8 (108)	9.5 [2.5-16.6]
<b>Activities</b>						
Looks after others at home at least once a week‡	2176 (6429)	30.8 [29.3-32.2]	279 (571)	47.1 [44.1-50.1]	53 (110)	52.4 [44.7-60.1]
Belongs to a sports team or group	3796 (6157)	64.1 [62.0-66.3]	271 (540)	48.8 [44.5-53.1]	47 (100)	51.6 [40.4-62.8]
Belongs to another group	2465 (6157)	40.4 [38.4-42.4]	228 (540)	50.3 [44.9-55.7]	40 (100)	39.2 [28.1-50.4]
Had paid employment in last 12 months	3062 (6281)	55.9 [54.0-57.7]	250 (550)	54.0 [49.9-58.1]	44 (105)	37.8 [26.8-48.9]
Gave time to help others in their school or community	3349 (6114)	57.1 [55.6-58.5]	284 (540)	54.1 [51.4-56.8]	46 (102)	49.3 [38.1-60.5]
Enrolled or plans to enrol to vote	4552 (6177)	77.1 [75.9-78.3]	340 (553)	63.0 [58.1-67.8]	58 (105)	51.5 [39.0-63.9]

Those currently involved are also included in those ever involved.

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

# Findings by ethnicity

## Tauira Māori

Tauira Māori (Māori students) who reported they had ever been involved with Oranga Tamariki faced higher challenges than tauira Māori who had not been involved with Oranga Tamariki on most of the measures included in this report. As shown in Table 3, most of these differences are statistically significant. This means that we can be confident these are real differences and not just due to chance.

The majority of tauira Māori, including those involved with Oranga Tamariki, reported feeling part of their school. However, compared with tauira Māori with no Oranga Tamariki involvement, those who had ever been involved were:

- less likely to have adults at school who cared about them
- less likely to feel that teachers treat students fairly
- less likely to feel safe at school
- three times more likely to be bullied at school weekly or more in the last year.

Except for binge drinking, tauira Māori who indicated they had ever been involved with Oranga Tamariki reported higher levels of substance use than tauira Māori with no involvement. These differences were particularly large for cigarette smoking and vaping.

Tauira Māori who had ever been involved with Oranga Tamariki were much more likely than those not involved with Oranga

Tamariki to experience violence. These differences were especially large for those reporting being hit by an adult at home and those reporting experiencing sexual violence, abuse, or unwanted sexual experiences.

Tauira Māori who had ever been involved with Oranga Tamariki were much more likely than tauira Māori not involved with Oranga Tamariki to report police involvement and experiencing ethnic discrimination from the police.

Note that young people can be referred to Oranga Tamariki for safety or other care and protection concerns or for offending or alleged offending, as outlined in Appendix 3: Oranga Tamariki—Ministry for Children.

Tauira Māori who had ever been involved with Oranga Tamariki were more likely to look after someone at home, such as a younger or older family member than those never involved. They were also less likely to belong to a sport team or volunteer but more likely to belong to another group in their community. There was no statistically significant difference in the proportions of those who had paid employment in the last year between tauira Māori with Oranga Tamariki experience and those without. Those involved with Oranga Tamariki were less likely to report that they were enrolled or planning to enrol to vote.

Table 3: School, substance use, violence and police, and activities by Oranga Tamariki involvement among taurira Māori

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>School</b>							
Feels a part of their school	1020 (1198)	83.4 [80.9-86.0]	197 (238)	81.5 [77.0-86.1]	0.87 [0.60-1.26]	-	.454
Adults at school care about them	898 (1205)	75.6 [72.9-78.3]	161 (242)	64.7 [58.1-71.4]	0.61 [0.46-0.82]	↓	.002
Teachers treat students fairly	716 (1207)	62.4 [58.5-66.3]	120 (242)	50.7 [43.8-57.5]	0.64 [0.49-0.83]	↓	.002
Feel safe at school	1026 (1204)	85.8 [83.8-87.8]	176 (242)	74.3 [66.5-82.2]	0.50 [0.36-0.69]	↓	<.001
Had been bullied weekly or more at school in previous 12 months	54 (1187)	4.3 [3.5-5.1]	25 (230)	12.7 [8.7-16.8]	3.06 [2.10-4.46]	↑	<.001
<b>Substance use</b>							
Smokes cigarettes at least once a week	47 (1109)	3.1 [2.2-4.0]	25 (208)	12.5 [7.1-17.9]	4.82 [2.65-8.75]	↑	<.001
Vapes at least once a week	73 (1095)	6.1 [4.9-7.4]	25 (205)	22.4 [18.0-26.8]	4.73 [3.34-6.68]	↑	<.001
Drinks alcohol at least once a week	96 (1095)	8.5 [6.3-10.7]	27 (207)	19.0 [13.7-24.3]	2.87 [1.97-4.17]	↑	<.001
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	309 (1067)	27.8 [24.6-31.1]	65 (206)	31.2 [24.9-37.5]	1.34 [0.95-1.91]	-	.105
Smokes marijuana at least once a week	85 (1051)	6.9 [5.1-8.7]	30 (194)	16.6 [11.7-21.6]	2.70 [1.94-3.77]	↑	<.001
<b>Violence and police involvement</b>							
Was deliberately hit or physically harmed in last 12 months*	589 (1004)	56.1 [52.7-59.5]	136 (188)	70.2 [65.6-74.9]	1.80 [1.42-2.28]	↑	<.001
Hit or physically harmed by an adult at home in last 12 months	128 (1089)	11.1 [9.3-12.8]	58 (200)	29.9 [23.2-36.6]	3.25 [2.35-4.50]	↑	<.001
Experienced sexual violence abuse or unwanted sexual experiences	207 (1084)	17.5 [15.1-19.9]	75 (203)	38.4 [32.3-44.5]	3.08 [2.33-4.08]	↑	<.001
Been in trouble with the police in last 12 months	105 (1087)	10.1 [8.2-11.9]	52 (203)	30.5 [26.0-35.0]	4.14 [3.23-5.30]	↑	<.001
Treated unfairly by the police because of their ethnicity in last 12 months	46 (1059)	2.4 [1.5-3.4]	12 (197)	7.2 [4.6-9.8]	3.05 [1.89-4.94]	↑	<.001
<b>Activities</b>							
Looks after others at home at least once a week‡	446 (1057)	36.5 [33.6-39.5]	122 (195)	64.0 [57.1-70.9]	3.05 [2.21-4.22]	↑	<.001
Belongs to a sports team or group	630 (987)	63.0 [59.4-66.6]	88 (175)	45.5 [39.6-51.4]	0.48 [0.36-0.65]	↓	<.001
Belongs to another group	438 (987)	42.4 [37.5-47.3]	84 (175)	57.6 [50.3-65.0]	1.85 [1.33-2.57]	↑	<.001
Had paid employment in last 12 months	514 (1024)	55.3 [50.6-59.9]	87 (193)	47.5 [40.4-54.6]	0.79 [0.60-1.02]	-	.081
Gave time to help others in their school or community	566 (964)	59.6 [55.9-63.4]	91 (172)	50.4 [45.3-55.5]	0.70 [0.55-0.88]	↓	.004
Enrolled or plans to enrol to vote	674 (997)	69.2 [65.8-72.7]	106 (183)	56.8 [50.3-63.4]	0.58 [0.43-0.79]	↓	.001

This table uses ethnic prioritisation reporting as per Ministry of Health Ethnicity Data Protocols (Ministry of Health, 2017).

†Adjusted for age and sex

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

# Pacific Students

Pacific students who reported they had been involved with Oranga Tamariki faced higher challenges than Pacific students who had not been involved with Oranga Tamariki on some key measures in this report, as shown in Table 4.

The majority of Pacific students, including those with Oranga Tamariki involvement, reported feeling part of their school and that adults at school care about them. Most did not report being bullied at school weekly or more in the last year.

Compared with other Pacific students, Pacific students involved with Oranga Tamariki felt less safe at school and were much less likely to feel that teachers treated students fairly.

Pacific students involved with Oranga Tamariki were more likely to report drinking alcohol weekly than those never involved, however this is based on responses from a small number of students. Very few (0–5) of the Pacific students ever involved with Oranga Tamariki reported vaping weekly or more. For the other substance use variables (smoking cigarettes, binge drinking and using marijuana), there were no statistically significant differences between the groups.

Pacific students involved with Oranga Tamariki were more likely to report violence experiences and negative police interactions than Pacific students who

were not involved, for all variables measured in this report.

Note that young people can be referred to Oranga Tamariki for safety or other care and protection concerns or for offending or alleged offending, as outlined in Appendix 3: Oranga Tamariki—Ministry for Children.

More than half of all Pacific students, regardless of Oranga Tamariki involvement, reported:

- looking after others at home at least weekly
- belonging to a sports team or group
- giving time to help others in their school or community and belonging to another group
- being enrolled or planning to enrol to vote
- having no paid employment in the last 12 months.

There were no statistically significant differences on these measures between those with and without Oranga Tamariki involvement, as shown in Table 4.

We also report findings for Pacific students using total ethnicity reporting in Table 9. Very few differences can be seen between prioritised and total ethnicity reporting for this group. Due to low numbers and wide confidence intervals, any differences should be interpreted with caution.

Table 4: School, substance use, violence and police, and activities by Oranga Tamariki involvement among Pacific students

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>School</b>							
Feels a part of their school	723 (803)	90.3 [88.2-92.4]	73 (85)	89.3 [84.9-93.8]	0.91 [0.56-1.49]	-	.721
Adults at school care about them	636 (811)	81.8 [77.7-85.8]	69 (87)	83.4 [78.2-88.6]	1.13 [0.70-1.81]	-	.618
Teachers treat students fairly	479 (807)	61.6 [58.7-64.6]	39 (87)	37.7 [29.1-46.2]	0.37 [0.25-0.54]	↓	<.001
Feel safe at school	703 (808)	88.0 [86.0-90.0]	67 (86)	76.5 [66.6-86.4]	0.44 [0.25-0.77]	↓	.006
Had been bullied weekly or more at school in previous 12 months	26 (800)	2.7 [2.1-3.4]	Fewer than 5				
<b>Substance use</b>							
Smokes cigarettes at least once a week	33 (726)	4.1 [2.8-5.4]	5 (72)	6.1 [-0.1-12.3]	1.44 [0.42-4.91]	-	.568
Vapes at least once a week	23 (731)	3.6 [2.4-4.9]	Fewer than 5				
Drinks alcohol at least once a week	36 (721)	4.9 [2.9-6.8]	5 (75)	16.7 [9.1-24.2]	3.96 [1.99-7.86]	↑	<.001
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	100 (714)	12.6 [10.1-15.0]	12 (73)	15.6 [3.8-27.5]	1.35 [0.57-3.20]	-	.493
Smokes marijuana at least once a week	23 (701)	3.3 [1.8-4.8]	5 (70)	7.5 [0.7-14.3]	2.25 [0.66-7.67]	-	.205
<b>Violence and police involvement</b>							
Was deliberately hit or physically harmed in last 12 months*	377 (669)	55.5 [52.9-58.2]	49 (68)	74.8 [66.6-83.0]	2.42 [1.57-3.72]	↑	<.001
Hit or physically harmed by an adult at home in last 12 months	124 (730)	17.8 [14.9-20.8]	21 (69)	41.6 [25.8-57.4]	3.45 [1.74-6.87]	↑	.001
Experienced sexual violence, abuse or unwanted sexual experiences	172 (730)	24.4 [20.2-28.5]	26 (72)	32.2 [22.6-41.8]	1.56 [1.03-2.35]	↑	.041
Been in trouble with the police in last 12 months	51 (725)	7.0 [5.4-8.7]	14 (72)	18.6 [10.4-26.8]	2.95 [1.77-4.91]	↑	<.001
Treated unfairly by the police because of their ethnicity in last 12 months	19 (713)	2.5 [1.5-3.5]	8 (74)	8.9 [4.2-13.7]	3.57 [1.61-7.93]	↑	.003
<b>Activities</b>							
Looks after others at home at least once a week‡	395 (726)	55.6 [52.8-58.4]	43 (71)	58.6 [51.4-65.7]	1.12 [0.84-1.49]	-	.454
Belongs to a sports team or group	411 (693)	62.7 [56.5-68.9]	40 (66)	54.2 [41.8-66.6]	0.70 [0.38-1.30]	-	.267
Belongs to another group	309 (693)	52.1 [44.3-59.8]	32 (66)	61.6 [46.7-76.4]	1.50 [0.79-2.88]	-	.225
Had paid employment in last 12 months	243 (698)	37.6 [32.9-42.4]	25 (67)	44.5 [34.0-55.0]	1.24 [0.82-1.86]	-	.318
Gave time to help others in their school or community	393 (691)	62.4 [56.5-68.2]	42 (69)	66.3 [55.9-76.8]	1.19 [0.76-1.86]	-	.456
Enrolled or plans to enrol to vote	433 (684)	68.2 [62.5-73.9]	42 (68)	62.3 [53.3-71.4]	0.81 [0.51-1.28]	-	.372

This table uses ethnic prioritisation reporting as per Ministry of Health Ethnicity Data Protocols (Ministry of Health, 2017).

†Adjusted for age and sex

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

# Asian Students

Asian students who reported they had been involved with Oranga Tamariki faced higher challenges than Asian students who had not been involved with Oranga Tamariki on some key measures in this report, as shown in Table 5.

Most Asian students, regardless of Oranga Tamariki involvement, reported positive experiences at school. Most reported that they felt part of their school, cared for by adults in their school and safe at school. However, compared to those with no involvement, Asian students who had been involved with Oranga Tamariki were:

- less likely to report that adults at school care about them
- less likely to report that teachers treat students fairly
- nearly four times more likely to report being bullied weekly.

Except for binge drinking, substance use was generally very low among Asian students with no Oranga Tamariki involvement. Binge drinking, cigarette smoking and vaping appear higher among those involved with Oranga Tamariki. While cigarette use was statistically significantly higher, due to a very low number of responses in this group the results should be interpreted with caution.

Asian students involved with Oranga Tamariki were more likely to report experiences of violence or negative police involvement than Asian students not involved with Oranga Tamariki, for most of the variables we analysed.

Regarding activities, the only difference reported for Asian students was that those ever involved with Oranga Tamariki were less likely to belong to another group (not a sports group) than those without involvement.

Overall, regardless of involvement with Oranga Tamariki, of Asian students:

- around half belonged to sports teams,
- around half gave time to help others in their school or community
- over half were enrolled or planning to enrol to vote
- over 30% of those never involved and almost 40% of those ever involved looked after others at least weekly.

There were no statistical differences for these findings between those who reported never being involved with Oranga Tamariki and those who had ever been involved.

Reporting for total Asian ethnicity showed negligible differences compared to prioritised ethnicity reporting, as seen in Table 10.



Table 5: School, substance use, violence and police, and activities by Oranga Tamariki involvement among Asian students

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>School</b>							
Feels a part of their school	1443 (1612)	89.4 [87.0-91.8]	99 (113)	89.0 [81.6-96.4]	1.00 [0.49-2.04]	-	.99
Adults at school care about them	1356 (1610)	85.4 [83.1-87.7]	90 (111)	78.9 [72.7-85.1]	0.63 [0.42-0.93]	↓	.025
Teachers treat students fairly	1178 (1617)	72.6 [69.6-75.6]	62 (111)	55.1 [45.8-64.4]	0.46 [0.31-0.68]	↓	<.001
Feel safe at school	1470 (1618)	90.7 [88.2-93.1]	97 (113)	87.8 [83.3-92.4]	0.73 [0.46-1.15]	-	.178
Had been bullied weekly or more at school in previous 12 months	41 (1603)	2.9 [2.1-3.7]	12 (114)	11.0 [4.6-17.4]	4.91 [2.45-9.82]	↑	<.001
<b>Substance use</b>							
Smokes cigarettes at least once a week	10 (1552)	0.7 [0.3-1.2]	Fewer than 5				
Vapes at least once a week	40 (1553)	2.9 [2.2-3.7]	7 (105)	4.9 [1.4-8.4]	1.57 [0.75-3.28]	-	.235
Drinks alcohol at least once a week	34 (1548)	2.7 [2.0-3.3]	Fewer than 5				
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	106 (1545)	8.2 [5.8-10.5]	13 (103)	11.5 [5.3-17.8]	1.33 [0.66-2.67]	-	.424
Smokes marijuana at least once a week	17 (1528)	1.2 [0.6-1.8]	Fewer than 5				
<b>Violence and police involvement</b>							
Was deliberately hit or physically harmed in last 12 months*	609 (1473)	39.0 [35.8-42.1]	53 (101)	53.4 [44.2-62.7]	1.92 [1.21-3.05]	↑	.008
Hit or physically harmed by an adult at home in last 12 months	172 (1566)	11.1 [9.2-13.1]	18 (104)	13.4 [6.7-20.1]	1.29 [0.70-2.38]	-	.421
Experienced sexual violence, abuse or unwanted sexual experiences	205 (1562)	14.2 [11.5-17.0]	28 (102)	30.4 [20.0-40.8]	2.68 [1.71-4.21]	↑	<.001
Been in trouble with the police in last 12 months	32 (1580)	2.7 [1.6-3.7]	6 (105)	9.2 [-0.2-18.6]	3.54 [1.33-9.45]	↑	.016
Treated unfairly by the police because of their ethnicity in last 12 months	27 (1565)	1.9 [0.9-3.0]	7 (100)	6.2 [3.2-9.2]	3.24 [1.42-7.41]	↑	.008
<b>Activities</b>							
Looks after others at home at least once a week‡	493 (1560)	31.6 [28.8-34.3]	39 (102)	39.5 [28.1-51.0]	1.42 [0.90-2.25]	-	.141
Belongs to a sports team or group	784 (1518)	53.0 [49.4-56.6]	51 (101)	52.3 [43.3-61.2]	0.97 [0.68-1.41]	-	.89
Belongs to another group	716 (1518)	46.3 [41.0-51.6]	40 (101)	35.4 [27.0-43.8]	0.64 [0.44-0.92]	↓	.022
Had paid employment in last 12 months	523 (1520)	37.7 [34.7-40.8]	29 (95)	35.2 [23.0-47.4]	0.81 [0.49-1.34]	-	.42
Gave time to help others in their school or community	826 (1515)	55.9 [52.2-59.6]	51 (101)	48.8 [38.7-58.8]	0.73 [0.51-1.06]	-	.106
Enrolled or plans to enrol to vote	1039 (1515)	70.0 [67.0-73.0]	59 (102)	62.2 [52.5-71.9]	0.69 [0.49-0.99]	-	.05

This table uses ethnic prioritisation reporting as per Ministry of Health Ethnicity Data Protocols (Ministry of Health, 2017).

†Adjusted for age and sex

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

## Pākehā, and Other Ethnicity Students

For this report, Pākehā, other European, and other ethnicity people (those of Middle Eastern, Latin American, African, and 'Other' groups) are grouped together due to low numbers of 'other' students. For brevity, we refer to this group as 'Pākehā and other ethnicity' students.

The majority of Pākehā and other ethnicity students, regardless of Oranga Tamariki involvement, reported feeling part of their school. Over half of all students from this group reported having an adult at school that cares about them, that teachers treat students fairly and that they feel safe at school. However, Pākehā and other ethnicity students with Oranga Tamariki involvement were less likely to report these positive variables than those never involved. Additionally, those with involvement were around twice as likely to report being bullied weekly or more than those without involvement.

For all substance use variables, except for vaping, there were statistically significant differences between groups, with Pākehā and other ethnicity students involved with Oranga Tamariki more likely to report substance use than those with no involvement, as seen in Table 6.

Most violence and police involvement markers were significantly higher for Pākehā and other ethnicity students with Oranga Tamariki involvement than those

with no involvement. Students with involvement were more likely to report:

- being harmed by an adult at home
- experiencing unwanted sexual behaviour
- being in trouble with the police
- being treated unfairly by the police because of their ethnicity.

Over half of Pākehā and other ethnicity students, regardless of Oranga Tamariki involvement, reported giving time to help others in their school and community, with no significant differences between groups on this indicator.

Compared to those without involvement, Pākehā and other ethnicity students with Oranga Tamariki involvement were:

- more likely to look after others at home at least weekly
- less likely to belong to a sports team
- more likely to belong to a group other than a sports group
- less likely to be enrolled or planning to enrol to vote.

For Pākehā and other ethnicity students, total ethnicity reporting resulted in only very minor changes when compared with prioritised ethnicity reporting, as shown in Table 11. Using total ethnicity reporting, fewer students from this group, regardless of Oranga Tamariki involvement, gave time to help others in their community, or were enrolled or planning to enrol to vote.

Table 6: School, substance use, violence and police, and activities by Oranga Tamariki involvement among Pākehā and other ethnicity students

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>School</b>							
Feels a part of their school	2638 (3127)	84.5 [83.1-85.8]	180 (220)	77.7 [72.6-82.8]	0.65 [0.49-0.88]	↓	.007
Adults at school care about them	2492 (3164)	80.3 [78.7-81.9]	148 (222)	68.5 [63.0-74.0]	0.54 [0.40-0.74]	↓	<.001
Teachers treat students fairly	2319 (3180)	74.6 [72.7-76.5]	121 (221)	50.9 [44.2-57.7]	0.35 [0.26-0.48]	↓	<.001
Feel safe at school	2840 (3179)	89.3 [87.5-91.1]	160 (223)	69.3 [65.1-73.4]	0.27 [0.22-0.34]	↓	<.001
Had been bullied weekly or more at school in previous 12 months	191 (3167)	6.2 [4.7-7.7]	33 (217)	13.7 [8.4-18.9]	2.34 [1.68-3.28]	↑	<.001
<b>Substance use</b>							
Smokes cigarettes at least once a week	46 (3092)	1.5 [1.0-2.0]	11 (204)	7.2 [2.2-12.1]	5.50 [2.43-12.45]	↑	<.001
Vapes at least once a week	227 (3093)	9.1 [7.3-10.8]	24 (201)	11.2 [6.1-16.2]	1.35 [0.76-2.38]	-	.311
Drinks alcohol at least once a week	260 (3080)	10.3 [7.9-12.7]	29 (202)	17.0 [13.3-20.7]	1.97 [1.40-2.76]	↑	<.001
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	647 (3068)	23.1 [20.4-25.8]	52 (201)	32.0 [26.4-37.5]	1.82 [1.29-2.55]	↑	.001
Smokes marijuana at least once a week	95 (3057)	2.6 [1.9-3.3]	20 (200)	13.2 [9.3-17.2]	6.15 [4.11-9.19]	↑	<.001
<b>Violence and police involvement</b>							
Was deliberately hit or physically harmed in last 12 months*	1440 (2865)	49.9 [47.5-52.2]	107 (188)	54.8 [46.5-63.2]	1.21 [0.87-1.67]	-	.265
Hit or physically harmed by an adult at home in last 12 months	204 (3072)	5.9 [5.0-6.8]	37 (205)	22.6 [17.4-27.9]	4.62 [3.53-6.04]	↑	<.001
Experienced sexual violence, abuse or unwanted sexual experiences	454 (3072)	14.8 [13.6-16.0]	72 (204)	40.1 [33.5-46.7]	4.60 [3.57-5.92]	↑	<.001
Been in trouble with the police in last 12 months	161 (3096)	5.2 [4.3-6.1]	31 (206)	20.7 [16.4-25.1]	4.89 [3.58-6.68]	↑	<.001
Treated unfairly by the police because of their ethnicity in last 12 months	35 (3066)	1.6 [1.1-2.1]	6 (198)	7.4 [4.2-10.6]	4.88 [3.73-6.39]	↑	<.001
<b>Activities</b>							
Looks after others at home at least once a week‡	842 (3086)	25.3 [23.5-27.1]	75 (203)	31.8 [26.7-36.9]	1.36 [1.05-1.76]	↑	.023
Belongs to a sports team or group	1971 (2959)	66.9 [64.7-69.1]	92 (198)	49.8 [41.7-57.8]	0.48 [0.35-0.66]	↓	<.001
Belongs to another group	1002 (2959)	36.9 [34.3-39.5]	72 (198)	45.1 [38.4-51.9]	1.43 [1.16-1.77]	↑	.002
Had paid employment in last 12 months	1782 (3039)	62.2 [60.2-64.2]	109 (195)	65.5 [59.5-71.4]	1.19 [0.89-1.60]	-	.248
Gave time to help others in their school or community	1564 (2944)	55.8 [53.6-57.9]	100 (198)	55.7 [51.4-60.0]	1.04 [0.86-1.27]	-	.668
Enrolled or plans to enrol to vote	2406 (2981)	82.1 [80.8-83.4]	133 (200)	68.2 [60.7-75.8]	0.48 [0.34-0.67]	↓	<.001

This table uses ethnic prioritisation reporting as per Ministry of Health Ethnicity Data Protocols (Ministry of Health, 2017).

†Adjusted for age and sex

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

# Young people in Alternative Education or not in education, employment, or training

Students in Alternative Education (AE) reported good involvement with their course, with no statistically significant differences between those ever involved with Oranga Tamariki and those never involved. Although the reported prevalence of bullying was higher and feeling safe at school was lower for students ever involved with Oranga Tamariki than without involvement, the number of respondents was low, and these differences were not statistically significant.

Regarding substance use, around half of the AE students and young people not in education, employment, or training (NEET), regardless of involvement with Oranga Tamariki, reported smoking cigarettes at least weekly and binge drinking in the last month. More than a third of students from both groups reported smoking marijuana at least weekly.

AE and NEET young people ever involved with Oranga Tamariki were significantly more likely to report being deliberately hit or physically harmed in the last month or experiencing unwanted sexual touching or behaviours than those never involved. Other differences between groups were not statistically significant.

Around half of the students from both groups looked after others at home at least once per week, had paid employment in the last year, gave time to help others in their schools or communities, and were enrolled or planning to enrol to vote. There were no statistically significant differences between groups for these variables. However, students who had been involved with Oranga Tamariki were more likely to report belonging to a sports team or group.

Table 7: Course, substance use, violence and police, and activities by Oranga Tamariki involvement among young people in Alternative Education or NEET

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki	
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]	p
<b>Course§</b>						
Feels a part of their course	58 (63)	92.1 [83.4-100.7]	38 (43)	88.4 [75.2-101.5]	0.63 [0.10-4.16]	- .648
Adults at course care about them	48 (63)	76.2 [63.3-89.1]	38 (45)	84.4 [75.4-93.5]	1.64 [0.55-4.86]	- .405
Tutors treat students fairly	47 (63)	74.6 [60.4-88.8]	33 (44)	75.0 [63.2-86.8]	1.19 [0.48-2.97]	- .713
Feel safe at course	60 (63)	95.2 [89.8-100.6]	39 (44)	88.6 [78.6-98.7]	0.30 [0.03-2.75]	- .321
Had been bullied weekly or more at course in the previous 12 months	Fewer than 5		6 (44)	13.6 [4.4-22.8]		
<b>Substance use</b>						
Smokes cigarettes at least once a week	38 (90)	42.2 [29.0-55.4]	28 (49)	57.1 [47.8-66.5]	1.63 [0.93-2.86]	- .132
Vapes at least once a week	13 (89)	14.6 [3.1-26.1]	8 (50)	16.0 [6.9-25.1]	1.44 [0.54-3.82]	- .492
Drinks alcohol at least once a week	28 (89)	31.5 [19.4-43.5]	10 (52)	19.2 [4.2-34.2]	0.48 [0.25-0.95]	- .073
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	51 (84)	60.7 [55.6-65.8]	29 (51)	56.9 [41.2-72.5]	0.81 [0.47-1.41]	- .482
Smokes marijuana at least once a week	35 (91)	38.5 [29.7-47.2]	27 (50)	54.0 [42.4-65.6]	1.77 [0.91-3.45]	- .137
<b>Violence and police involvement</b>						
Was deliberately hit or physically harmed in last 12 months*	39 (80)	48.8 [42.7-54.8]	30 (42)	71.4 [56.2-86.6]	2.44 [1.31-4.57]	↑ .027
Hit or physically harmed by an adult at home in last 12 months	11 (88)	12.5 [5.1-19.9]	15 (48)	31.2 [19.8-42.7]	2.96 [1.03-8.52]	- .084
Experienced sexual violence, abuse or unwanted sexual experiences	26 (85)	30.6 [10.1-51.0]	30 (45)	66.7 [45.6-87.7]	5.69 [3.32-9.73]	↑ <.001
Been in trouble with the police in last 12 months	26 (86)	30.2 [18.3-42.1]	20 (47)	42.6 [27.9-57.2]	1.90 [0.85-4.23]	- .159
Treated unfairly by the police because of their ethnicity in last 12 months	14 (85)	16.5 [10.1-22.8]	7 (47)	14.9 [4.2-25.5]	0.76 [0.27-2.09]	- .608
<b>Activities</b>						
Looks after others at home at least once a week‡	47 (83)	56.6 [49.6-63.7]	30 (48)	62.5 [52.5-72.5]	1.14 [0.59-2.20]	- .718
Belongs to a sports team or group	17 (83)	20.5 [14.3-26.7]	18 (52)	34.6 [23.4-45.9]	2.61 [1.50-4.57]	↑ .012
Belongs to another group	24 (83)	28.9 [18.7-39.1]	14 (52)	26.9 [13.9-40.0]	1.02 [0.58-1.79]	- .948
Had paid employment in last 12 months	47 (78)	60.3 [40.5-80.0]	25 (46)	54.3 [43.6-65.1]	0.88 [0.33-2.33]	- .804
Gave time to help others in their school or community	38 (83)	45.8 [32.2-59.4]	24 (51)	47.1 [33.9-60.2]	1.18 [0.79-1.77]	- .434
Enrolled or plans to enrol to vote	49 (87)	56.3 [33.9-78.7]	33 (54)	61.1 [44.3-77.9]	1.53 [0.89-2.63]	- .171

Data for AE students and NEET young people are not weighted or adjusted for the effects of complex surveys as described in the methods section

†Adjusted for age and sex

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

§Only asked of those attending Alternative Education, not asked of NEET young people

# Additional Tables

Note, Table 8 and Table 12 are included in this and other Youth19 Oranga Tamariki reports so that each report can be read on its own.

## Total ethnicity reporting

In this report, we used the New Zealand Ministry of Health Ethnicity Prioritisation method to allocate students with multiple ethnicities to a single group for statistical analysis. Table 8 shows Oranga Tamariki involvement by total ethnicity reporting, in which all the ethnicities reported by each student are included. Note that this means students with multiple ethnicities are counted more than once. Given the diversity of young people involved with Oranga Tamariki, we were asked to consider whether total ethnicity reporting highlighted different results than prioritised ethnicity reporting. In most cases, this was not the case. Where there were substantive differences, we include comments in the relevant sections.

Table 8: Demographics of students ever, never and currently involved in Oranga Tamariki, total ethnicity reporting

	Total responses	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Currently involved with Oranga Tamariki	
	n	n	pct	n	pct	n	pct
Māori	1465	1221	83.3%	244	16.7%	64	4.4%
Pacific	1156	1028	88.9%	128	11.1%	28	2.4%
Asian	1891	1749	92.5%	142	7.5%	27	1.4%
Other	208	169	81.3%	39	18.8%	12	5.8%
European	4175	3875	92.8%	300	7.2%	52	1.2%

\*Note, students may appear in multiple ethnicities

Demographic data represents the number of students participating in the survey and is not survey weighted or adjusted for national population estimates.

Those currently involved are also included in those ever involved.

Table 9: School, substance use, violence and police, and activities by Oranga Tamariki involvement among Pacific students - Total ethnicity reporting

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki	
	n (N)	pct [95% CI]	n (N)	pct [95% CI]
<b>School</b>				
Feels a part of their school	906 (1013)	89.1 [86.7-91.4]	104 (122)	87.9 [82.8-93.1]
Adults at school care about them	788 (1019)	79.6 [76.1-83.1]	94 (125)	76.2 [70.1-82.3]
Teachers treat students fairly	607 (1017)	61.9 [59.6-64.3]	66 (125)	52.4 [42.7-62.1]
Feel safe at school	885 (1018)	87.5 [85.7-89.3]	97 (124)	78.4 [68.7-88.0]
Had been bullied weekly or more at school in previous 12 months	34 (1004)	2.6 [1.9-3.3]	7 (119)	5.4 [1.7-9.1]
<b>Substance use</b>				
Smokes cigarettes at least once a week	43 (918)	4.0 [3.1-5.0]	10 (102)	11.6 [3.8-19.4]
Vapes at least once a week	37 (921)	4.6 [3.4-5.8]	5 (104)	8.7 [1.6-15.9]
Drinks alcohol at least once a week	51 (913)	5.3 [3.4-7.2]	8 (106)	14.3 [5.6-23.1]
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	152 (905)	16.1 [13.8-18.5]	22 (104)	21.1 [11.5-30.8]
Smokes marijuana at least once a week	38 (883)	4.4 [2.6-6.1]	8 (98)	8.8 [0.7-16.9]
<b>Violence and police involvement</b>				
Was deliberately hit or physically harmed in last 12 months*	482 (838)	56.4 [53.7-59.1]	70 (97)	73.0 [64.6-81.5]
Hit or physically harmed by an adult at home in last 12 months	151 (912)	16.8 [14.0-19.5]	31 (103)	36.0 [23.4-48.6]
Experienced sexual violence, abuse or unwanted sexual experiences	219 (910)	24.0 [20.2-27.8]	38 (104)	29.6 [20.8-38.4]
Been in trouble with the police in last 12 months	71 (909)	8.6 [6.9-10.2]	23 (103)	22.7 [15.0-30.4]
Treated unfairly by the police because of their ethnicity in last 12 months	25 (892)	2.4 [1.6-3.3]	10 (107)	6.3 [3.0-9.6]
<b>Activities</b>				
Looks after others at home at least once a week‡	475 (905)	51.6 [48.6-54.6]	64 (102)	61.0 [53.7-68.4]
Belongs to a sports team or group	530 (867)	63.8 [58.7-68.9]	59 (93)	61.4 [52.4-70.3]
Belongs to another group	398 (867)	51.0 [44.6-57.5]	46 (93)	60.0 [46.1-73.9]
Had paid employment in last 12 months	328 (869)	40.7 [36.0-45.4]	39 (95)	45.8 [36.7-55.0]
Gave time to help others in their school or community	475 (905)	51.6 [48.6-54.6]	64 (102)	61.0 [53.7-68.4]
Enrolled or plans to enrol to vote	504 (858)	63.5 [58.3-68.7]	60 (96)	65.4 [59.9-71.0]

This table uses total ethnic reporting.

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

Table 10: School, substance use, violence and police, and activities by Oranga Tamariki involvement among Asian students - Total ethnicity reporting

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki	
	n (N)	pct [95% CI]	n (N)	pct [95% CI]
<b>School</b>				
Feels a part of their school	1549 (1733)	89.4 [87.3-91.5]	116 (136)	85.8 [77.6-94.0]
Adults at school care about them	1449 (1733)	84.6 [82.4-86.7]	107 (135)	74.7 [64.8-84.6]
Teachers treat students fairly	1255 (1740)	71.6 [68.6-74.6]	74 (135)	54.9 [45.4-64.5]
Feel safe at school	1577 (1740)	90.0 [87.3-92.7]	115 (137)	82.6 [75.3-89.9]
Had been bullied weekly or more at school in previous 12 months	45 (1725)	2.8 [2.0-3.6]	17 (138)	15.4 [8.1-22.8]
<b>Substance use</b>				
Smokes cigarettes at least once a week	12 (1663)	0.8 [0.2-1.3]	8 (122)	8.1 [2.6-13.7]
Vapes at least once a week	43 (1663)	2.8 [2.1-3.5]	9 (127)	9.1 [1.9-16.3]
Drinks alcohol at least once a week	36 (1659)	2.4 [1.8-3.0]	Fewer than 5	
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	122 (1655)	8.6 [6.4-10.9]	20 (124)	15.7 [9.8-21.5]
Smokes marijuana at least once a week	20 (1638)	1.1 [0.6-1.6]	6 (125)	7.7 [1.4-14.0]
<b>Violence and police involvement</b>				
Was deliberately hit or physically harmed in last 12 months*	662 (1579)	39.7 [36.5-42.8]	68 (123)	56.8 [47.7-65.8]
Hit or physically harmed by an adult at home in last 12 months	190 (1679)	11.4 [9.5-13.3]	23 (124)	15.9 [7.8-24.1]
Experienced sexual violence, abuse or unwanted sexual experiences	228 (1673)	14.8 [12.2-17.4]	38 (122)	31.9 [21.3-42.4]
Been in trouble with the police in last 12 months	37 (1691)	2.9 [1.8-4.0]	13 (126)	16.2 [6.7-25.7]
Treated unfairly by the police because of their ethnicity in last 12 months	28 (1675)	1.8 [0.9-2.7]	10 (120)	9.1 [3.3-14.9]
<b>Activities</b>				
Looks after others at home at least once a week‡	545 (1670)	33.7 [30.5-36.8]	50 (121)	45.9 [35.3-56.5]
Belongs to a sports team or group	850 (1630)	54.0 [50.2-57.8]	58 (119)	47.0 [38.1-55.9]
Belongs to another group	769 (1630)	47.1 [42.2-52.1]	48 (119)	37.4 [27.9-46.8]
Had paid employment in last 12 months	564 (1626)	37.9 [34.9-40.8]	39 (114)	39.9 [28.0-51.7]
Gave time to help others in their school or community	545 (1670)	33.7 [30.5-36.8]	50 (121)	45.9 [35.3-56.5]
Enrolled or plans to enrol to vote	892 (1625)	57.1 [53.6-60.5]	62 (119)	50.2 [40.2-60.1]

This table uses total ethnic reporting

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members



Table 11: School, substance use, violence and police, and activities by Oranga Tamariki involvement among Pākehā and other ethnicity students - Total ethnicity reporting

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki	
	n (N)	pct [95% CI]	n (N)	pct [95% CI]
<b>School</b>				
Feels a part of their school	3344 (3958)	84.3 [83.0-85.5]	268 (328)	80.5 [76.6-84.3]
Adults at school care about them	3127 (3992)	80.2 [78.7-81.6]	227 (332)	69.4 [65.2-73.5]
Teachers treat students fairly	2854 (4010)	73.2 [71.7-74.7]	185 (331)	51.6 [44.8-58.4]
Feel safe at school	3583 (4007)	89.2 [87.2-91.2]	238 (333)	70.6 [65.5-75.7]
Had been bullied weekly or more at school in previous 12 months	235 (3991)	6.0 [4.7-7.3]	50 (325)	14.4 [10.8-18.0]
<b>Substance use</b>				
Smokes cigarettes at least once a week	69 (3881)	1.6 [1.2-2.0]	20 (306)	7.1 [3.2-10.9]
Vapes at least once a week	280 (3877)	8.7 [7.2-10.3]	35 (307)	13.5 [9.5-17.4]
Drinks alcohol at least once a week	329 (3869)	10.2 [8.3-12.1]	38 (310)	14.4 [10.9-18.0]
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	835 (3848)	23.7 [21.2-26.1]	79 (306)	29.6 [25.3-33.9]
Smokes marijuana at least once a week	133 (3829)	3.0 [2.3-3.7]	32 (303)	12.2 [8.8-15.5]
<b>Violence and police involvement</b>				
Was deliberately hit or physically harmed in last 12 months*	1884 (3603)	51.3 [49.3-53.3]	178 (286)	62.3 [55.9-68.6]
Hit or physically harmed by an adult at home in last 12 months	296 (3868)	6.5 [5.7-7.2]	69 (307)	26.2 [21.0-31.4]
Experienced sexual violence, abuse or unwanted sexual experiences	612 (3854)	15.4 [14.3-16.4]	123 (307)	43.2 [38.3-48.1]
Been in trouble with the police in last 12 months	205 (3882)	5.3 [4.4-6.2]	52 (307)	20.6 [16.9-24.3]
Treated unfairly by the police because of their ethnicity in last 12 months	48 (3842)	1.2 [1.0-1.5]	12 (298)	6.3 [3.9-8.7]
<b>Activities</b>				
Looks after others at home at least once a week‡	1107 (3852)	26.6 [24.6-28.6]	126 (304)	39.7 [34.1-45.2]
Belongs to a sports team or group	2489 (3709)	66.9 [64.7-69.2]	141 (291)	50.4 [43.0-57.8]
Belongs to another group	1330 (3709)	38.5 [36.1-40.8]	118 (291)	50.4 [43.7-57.1]
Had paid employment in last 12 months	2176 (3791)	61.6 [59.5-63.8]	163 (297)	61.5 [57.3-65.6]
Gave time to help others in their school or community	1107 (3852)	26.6 [24.6-28.6]	126 (304)	39.7 [34.1-45.2]
Enrolled or plans to enrol to vote	1997 (3683)	56.9 [54.8-59.0]	142 (292)	54.2 [51.3-57.0]

This table uses total ethnic reporting

\*Hit or harmed including by peers, siblings, adults

‡Such as younger children or older family members

## Alternative Education students and young people not in education, employment, or training

Table 12: Demographics of Alternative Education students and young people not involved in employment, education, or training - never and currently involved in Oranga Tamariki

	Total responses	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Currently involved with Oranga Tamariki	
	n	n	pct	n	pct	n	pct
Total	165	101	61.2%	64	38.8%	12	7.3%
<b>Age</b>							
15 and under	79	43	54.4%	36	45.6%	Fewer than 10	
16 and over	86	58	67.4%	28	32.6%		
<b>Sex</b>							
Female	91	53	58.2%	38	41.8%	6	6.6%
Male	73	48	65.8%	25	34.2%	5	6.8%

Demographic data represents the number of students participating in the survey and is not survey weighted or adjusted for national population estimates.

Those currently involved are also included in those ever involved.

# Students never involved and ever involved with Oranga Tamariki by age and sex

Table 13: School: all students by age and sex

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>Feels a part of their school</b>							
Total	5824 (6740)	85.4 [84.4-86.4]	549 (656)	81.2 [78.2-84.2]	0.76 [0.61-0.94]	↓	.017
15 and under	3594 (4161)	85.1 [83.8-86.4]	367 (442)	78.2 [75.5-80.8]	0.65 [0.53-0.78]	↓	<.001
16 and over	2230 (2579)	85.8 [84.4-87.2]	182 (214)	86.0 [81.4-90.6]	1.01 [0.68-1.51]	-	.945
Female	3270 (3700)	89.1 [87.6-90.5]	300 (359)	80.9 [77.5-84.2]	0.57 [0.45-0.71]	↓	<.001
Male	2554 (3040)	81.7 [80.2-83.3]	249 (297)	81.6 [75.5-87.6]	0.97 [0.67-1.42]	-	.886
<b>Adults at school care about them</b>							
Total	5382 (6790)	80.2 [79.0-81.3]	468 (662)	69.2 [65.7-72.7]	0.60 [0.52-0.70]	↓	<.001
15 and under	3192 (4201)	75.8 [74.5-77.2]	296 (447)	62.6 [58.2-66.9]	0.57 [0.48-0.67]	↓	<.001
16 and over	2190 (2589)	85.8 [84.2-87.4]	172 (215)	79.7 [74.2-85.2]	0.67 [0.46-0.96]	↓	.037
Female	3012 (3725)	82.5 [81.1-83.8]	257 (359)	70.5 [66.0-75.1]	0.57 [0.46-0.70]	↓	<.001
Male	2370 (3065)	77.8 [75.9-79.8]	211 (303)	67.9 [61.7-74.2]	0.63 [0.47-0.85]	↓	.005
<b>Teachers treat students fairly</b>							
Total	4692 (6811)	70.8 [69.5-72.1]	342 (661)	49.9 [44.7-55.2]	0.45 [0.38-0.54]	↓	<.001
15 and under	2783 (4218)	66.4 [64.7-68.0]	224 (448)	45.6 [40.0-51.1]	0.46 [0.38-0.55]	↓	<.001
16 and over	1909 (2593)	76.6 [74.7-78.4]	118 (213)	56.8 [49.2-64.5]	0.44 [0.32-0.60]	↓	<.001
Female	2578 (3742)	72.3 [70.3-74.3]	198 (358)	54.7 [50.2-59.3]	0.53 [0.43-0.65]	↓	<.001
Male	2114 (3069)	69.3 [66.8-71.7]	144 (303)	45.4 [37.0-53.8]	0.40 [0.29-0.54]	↓	<.001
<b>Feel safe at school</b>							
Total	6039 (6809)	88.6 [87.1-90.2]	500 (664)	73.5 [68.7-78.2]	0.38 [0.31-0.46]	↓	<.001
15 and under	3673 (4220)	86.3 [84.2-88.5]	315 (450)	66.7 [61.8-71.5]	0.34 [0.28-0.40]	↓	<.001
16 and over	2366 (2589)	91.7 [90.4-93.0]	185 (214)	84.3 [78.4-90.2]	0.49 [0.31-0.78]	↓	.004
Female	3328 (3743)	90.3 [88.6-92.0]	268 (361)	74.9 [70.1-79.6]	0.34 [0.25-0.45]	↓	<.001
Male	2711 (3066)	87.0 [84.6-89.3]	232 (303)	72.1 [63.8-80.5]	0.41 [0.31-0.54]	↓	<.001
<b>Had been bullied weekly or more at school in previous 12 months</b>							
Total	312 (6757)	5.1 [4.2-6.1]	74 (644)	12.3 [9.5-15.0]	2.67 [2.09-3.40]	↑	<.001
15 and under	244 (4178)	6.5 [5.4-7.6]	58 (438)	14.8 [11.6-18.1]	2.55 [2.04-3.20]	↑	<.001
16 and over	68 (2579)	3.3 [2.2-4.4]	16 (206)	8.1 [3.6-12.7]	3.15 [1.69-5.89]	↑	<.001
Female	170 (3717)	5.0 [3.9-6.0]	37 (352)	10.9 [8.3-13.5]	2.49 [1.84-3.37]	↑	<.001
Male	142 (3040)	5.3 [4.1-6.5]	37 (292)	13.6 [8.6-18.5]	2.90 [1.97-4.28]	↑	<.001

Table 14: Substance use: all students by age and sex

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>Smokes cigarettes at least once a week</b>							
Total	136 (6479)	1.9 [1.6-2.3]	45 (587)	8.8 [4.8-12.8]	4.44 [2.48-7.96]	↑	<.001
15 and under	59 (3981)	1.3 [0.9-1.7]	25 (388)	7.1 [3.9-10.4]	4.17 [2.51-6.92]	↑	<.001
16 and over	77 (2498)	2.7 [2.1-3.3]	20 (199)	11.5 [5.4-17.5]	4.43 [2.12-9.28]	↑	<.001
Female	76 (3588)	1.7 [1.3-2.1]	30 (330)	8.1 [5.3-10.8]	4.70 [3.07-7.19]	↑	<.001
Male	60 (2891)	2.2 [1.5-2.8]	15 (257)	9.6 [2.9-16.4]	4.32 [1.72-10.81]	↑	.004
<b>Vapes at least once a week</b>							
Total	363 (6472)	7.3 [6.3-8.4]	56 (584)	14.0 [11.5-16.6]	2.25 [1.77-2.87]	↑	<.001
15 and under	153 (3981)	4.3 [3.5-5.2]	33 (389)	15.2 [11.8-18.6]	3.55 [2.76-4.57]	↑	<.001
16 and over	210 (2491)	11.1 [9.2-13.0]	23 (195)	12.2 [4.7-19.7]	1.28 [0.65-2.54]	-	.474
Female	158 (3582)	5.9 [5.1-6.7]	33 (332)	15.4 [11.6-19.2]	2.96 [2.22-3.94]	↑	<.001
Male	205 (2890)	8.8 [6.9-10.7]	23 (252)	12.6 [8.4-16.7]	1.75 [1.17-2.60]	↑	.01
<b>Drinks alcohol at least once a week</b>							
Total	426 (6444)	8.5 [7.1-10.0]	61 (587)	16.3 [13.1-19.6]	2.33 [1.75-3.09]	↑	<.001
15 and under	136 (3960)	3.8 [3.1-4.6]	32 (390)	13.2 [9.4-17.0]	3.34 [2.36-4.72]	↑	<.001
16 and over	290 (2484)	14.5 [11.9-17.2]	29 (197)	21.1 [15.3-26.9]	1.71 [1.16-2.54]	↑	.011
Female	192 (3579)	7.5 [5.8-9.2]	32 (329)	15.6 [11.7-19.6]	2.36 [1.62-3.45]	↑	<.001
Male	234 (2865)	9.6 [7.2-12.1]	29 (258)	17.0 [10.6-23.4]	2.31 [1.24-4.30]	↑	.013
<b>Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks</b>							
Total	1162 (6394)	21.2 [19.4-23.0]	142 (583)	28.7 [24.2-33.1]	1.56 [1.21-2.01]	↑	.001
15 and under	386 (3927)	9.6 [8.3-11.0]	71 (387)	21.1 [17.4-24.7]	2.06 [1.59-2.67]	↑	<.001
16 and over	776 (2467)	35.9 [32.8-38.9]	71 (196)	40.3 [33.0-47.6]	1.18 [0.83-1.69]	-	.368
Female	605 (3555)	19.9 [18.1-21.7]	87 (326)	32.4 [27.1-37.7]	1.85 [1.42-2.41]	↑	<.001
Male	557 (2839)	22.6 [19.5-25.7]	55 (257)	25.0 [18.3-31.6]	1.31 [0.87-1.98]	-	.204
<b>Smokes marijuana at least once a week</b>							
Total	220 (6337)	3.3 [2.7-3.9]	56 (568)	12.9 [10.2-15.7]	3.79 [2.73-5.27]	↑	<.001
15 and under	102 (3896)	2.5 [1.9-3.1]	33 (376)	13.1 [10.5-15.7]	4.14 [3.05-5.61]	↑	<.001
16 and over	118 (2441)	4.3 [3.3-5.3]	23 (192)	12.8 [7.9-17.6]	3.39 [2.00-5.75]	↑	<.001
Female	97 (3523)	2.3 [1.6-3.1]	32 (324)	12.1 [9.0-15.3]	4.32 [2.55-7.32]	↑	<.001
Male	123 (2814)	4.3 [3.5-5.1]	24 (244)	13.8 [8.5-19.1]	3.44 [2.10-5.65]	↑	<.001

Table 15: Violence and police involvement: by age and sex

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>Was deliberately hit or physically harmed in last 12 months*</b>							
Total	3015 (6011)	50.2 [48.4-52.0]	345 (545)	62.2 [57.9-66.6]	1.52 [1.26-1.84]	↑	<.001
15 and under	2022 (3682)	56.1 [54.1-58.1]	246 (362)	65.3 [60.2-70.5]	1.40 [1.11-1.76]	↑	.007
16 and over	993 (2329)	42.8 [39.9-45.6]	99 (183)	57.5 [49.1-66.0]	1.75 [1.25-2.45]	↑	.002
Female	1619 (3278)	48.3 [46.8-49.9]	195 (299)	68.5 [64.2-72.7]	2.19 [1.79-2.67]	↑	<.001
Male	1396 (2733)	52.1 [49.1-55.1]	150 (246)	56.1 [49.1-63.1]	1.10 [0.83-1.46]	-	.53
<b>Hit or physically harmed by an adult at home in last 12 months</b>							
Total	628 (6457)	8.6 [7.9-9.2]	134 (578)	26.2 [21.9-30.5]	3.53 [2.87-4.34]	↑	<.001
15 and under	428 (3955)	9.7 [8.7-10.6]	100 (388)	29.5 [25.2-33.8]	3.73 [2.97-4.68]	↑	<.001
16 and over	200 (2502)	7.2 [6.0-8.3]	34 (190)	20.9 [13.8-28.1]	3.29 [2.26-4.78]	↑	<.001
Female	366 (3588)	8.9 [8.0-9.8]	86 (324)	29.3 [25.1-33.5]	3.86 [3.17-4.69]	↑	<.001
Male	262 (2869)	8.1 [7.2-9.0]	48 (254)	22.9 [16.1-29.8]	3.21 [2.15-4.79]	↑	<.001
<b>Experienced sexual violence, abuse, or unwanted sexual experiences</b>							
Total	1038 (6448)	16.1 [15.0-17.2]	201 (581)	37.9 [33.5-42.3]	3.42 [2.86-4.10]	↑	<.001
15 and under	521 (3959)	13.2 [12.0-14.5]	120 (390)	31.2 [26.6-35.9]	3.16 [2.61-3.84]	↑	<.001
16 and over	517 (2489)	19.7 [17.9-21.6]	81 (191)	48.3 [42.5-54.1]	3.76 [2.79-5.07]	↑	<.001
Female	789 (3569)	23.3 [21.1-25.5]	153 (325)	54.4 [49.5-59.4]	3.92 [3.20-4.81]	↑	<.001
Male	249 (2879)	8.6 [7.6-9.6]	48 (256)	21.0 [16.3-25.6]	2.77 [2.03-3.78]	↑	<.001
<b>Been in trouble with the police in last 12 months</b>							
Total	349 (6488)	5.9 [5.2-6.7]	103 (586)	23.3 [19.9-26.8]	4.33 [3.65-5.13]	↑	<.001
15 and under	183 (3985)	5.2 [4.1-6.3]	77 (388)	27.7 [23.6-31.8]	5.67 [4.40-7.31]	↑	<.001
16 and over	166 (2503)	6.9 [5.6-8.1]	26 (198)	16.4 [11.0-21.9]	2.73 [1.87-4.00]	↑	<.001
Female	136 (3605)	3.9 [3.4-4.5]	52 (329)	20.2 [15.4-24.9]	5.36 [3.73-7.71]	↑	<.001
Male	213 (2883)	8.1 [6.7-9.4]	51 (257)	26.6 [18.6-34.6]	3.81 [2.56-5.65]	↑	<.001
<b>Treated unfairly by the police because of their ethnicity in last 12 months</b>							
Total	127 (6403)	1.9 [1.5-2.2]	33 (569)	7.3 [5.5-9.2]	3.98 [2.96-5.35]	↑	<.001
15 and under	80 (3928)	2.0 [1.2-2.8]	18 (378)	6.6 [4.9-8.3]	3.09 [1.98-4.81]	↑	<.001
16 and over	47 (2475)	1.7 [1.1-2.3]	15 (191)	8.5 [4.5-12.5]	5.96 [3.02-11.77]	↑	<.001
Female	41 (3554)	0.7 [0.4-1.0]	17 (318)	7.3 [5.1-9.5]	9.33 [5.30-16.44]	↑	<.001
Male	86 (2849)	3.1 [2.4-3.8]	16 (251)	7.4 [4.6-10.1]	2.55 [1.66-3.93]	↑	<.001

†Adjusted for age and sex

\*Hit or harmed including by peers, siblings, adults

Table 16: Activities: all students by age and sex

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki		
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]		p
<b>Looks after others at home at least once a week‡</b>							
Total	2176 (6429)	30.8 [29.3-32.2]	279 (571)	47.1 [44.1-50.1]	1.82 [1.56-2.12]	↑	<.001
15 and under	1399 (3947)	33.3 [31.7-34.8]	191 (378)	48.1 [44.5-51.7]	1.71 [1.46-2.00]	↑	<.001
16 and over	777 (2482)	27.6 [25.4-29.9]	88 (193)	45.6 [39.2-52.0]	2.01 [1.42-2.84]	↑	<.001
Female	1225 (3577)	31.1 [28.5-33.7]	158 (322)	43.8 [39.8-47.9]	1.51 [1.31-1.74]	↑	<.001
Male	951 (2852)	30.5 [27.8-33.1]	121 (249)	50.4 [45.4-55.4]	2.20 [1.70-2.84]	↑	<.001
<b>Belongs to a sports team or group</b>							
Total	3796 (6157)	64.1 [62.0-66.3]	271 (540)	48.8 [44.5-53.1]	0.54 [0.45-0.63]	↓	<.001
15 and under	2434 (3747)	67.3 [65.3-69.2]	177 (352)	47.7 [42.3-53.0]	0.46 [0.38-0.55]	↓	<.001
16 and over	1362 (2410)	60.3 [57.2-63.4]	94 (188)	50.3 [43.8-56.8]	0.68 [0.52-0.88]	↓	.007
Female	2029 (3458)	64.6 [61.3-68.0]	140 (302)	46.0 [41.5-50.6]	0.46 [0.38-0.57]	↓	<.001
Male	1767 (2699)	63.6 [59.6-67.6]	131 (238)	51.6 [46.1-57.1]	0.62 [0.50-0.78]	↓	<.001
<b>Belongs to another group</b>							
Total	2465 (6157)	40.4 [38.4-42.4]	228 (540)	50.3 [44.9-55.7]	1.45 [1.19-1.77]	↑	<.001
15 and under	1457 (3747)	39.5 [37.1-41.9]	146 (352)	47.1 [42.0-52.2]	1.36 [1.09-1.69]	↑	.01
16 and over	1008 (2410)	41.5 [39.2-43.9]	82 (188)	54.8 [46.3-63.3]	1.58 [1.13-2.20]	↑	.01
Female	1466 (3458)	45.2 [43.0-47.5]	129 (302)	57.8 [51.2-64.3]	1.61 [1.25-2.09]	↑	<.001
Male	999 (2699)	35.2 [32.9-37.5]	99 (238)	42.7 [34.5-51.0]	1.30 [0.91-1.85]	-	.156
<b>Enrolled or plans to enrol to vote</b>							
Total	4552 (6177)	77.1 [75.9-78.3]	340 (553)	63.0 [58.1-67.8]	0.56 [0.46-0.68]	↓	<.001
15 and under	2606 (3743)	72.6 [70.4-74.8]	207 (360)	55.5 [50.5-60.5]	0.54 [0.43-0.67]	↓	<.001
16 and over	1946 (2434)	82.6 [80.7-84.6]	133 (193)	73.6 [65.2-82.0]	0.60 [0.37-0.96]	↓	.039
Female	2627 (3445)	81.9 [80.1-83.8]	202 (309)	70.2 [66.9-73.6]	0.54 [0.45-0.65]	↓	<.001
Male	1925 (2732)	72.0 [69.5-74.5]	138 (244)	55.8 [47.7-64.0]	0.57 [0.41-0.79]	↓	.002
<b>Had paid employment in last 12 months</b>							
Total	3062 (6281)	55.9 [54.0-57.7]	250 (550)	54.0 [49.9-58.1]	0.98 [0.83-1.16]	-	.853
15 and under	1493 (3828)	45.3 [42.9-47.7]	148 (362)	44.1 [38.8-49.4]	0.94 [0.76-1.18]	-	.616
16 and over	1569 (2453)	69.0 [66.9-71.1]	102 (188)	68.5 [62.5-74.5]	1.04 [0.74-1.46]	-	.814
Female	1641 (3488)	53.9 [51.5-56.3]	132 (306)	54.0 [49.3-58.7]	1.06 [0.86-1.31]	-	.579
Male	1421 (2793)	57.9 [54.9-60.9]	118 (244)	54.0 [48.2-59.8]	0.92 [0.72-1.16]	-	.473

	Never involved with Oranga Tamariki		Ever involved with Oranga Tamariki		Adjusted odds ratio - involvement with Oranga Tamariki	
	n (N)	pct [95% CI]	n (N)	pct [95% CI]	aOR† [95% CI]	p
<b>Gave time to help others in their school or community</b>						
Total	3349 (6114)	57.1 [55.6-58.5]	284 (540)	54.1 [51.4-56.8]	0.88 [0.77-1.01]	- .073
15 and under	1838 (3699)	50.4 [48.9-51.9]	167 (349)	48.4 [44.3-52.6]	0.93 [0.79-1.11]	- .439
16 and over	1511 (2415)	65.2 [62.7-67.7]	117 (191)	62.1 [56.8-67.4]	0.80 [0.61-1.05]	- .122
Female	1995 (3439)	63.0 [60.5-65.5]	164 (302)	60.0 [56.0-64.0]	0.83 [0.71-0.97]	↓ .025
Male	1354 (2675)	50.6 [48.2-52.9]	120 (238)	48.1 [43.3-52.8]	0.92 [0.75-1.12]	- .406

†Adjusted for age and sex

‡Such as younger children or older family members

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# Appendix 1: Questionnaire Items

Indicator	Explanation of indicator	Youth19 questions
<b>Demographics</b>		
Involvement with Oranga Tamariki	Students were asked whether they had ever been involved with Oranga Tamariki or Child Youth and Family Services. Students who indicated that they had ever been involved were asked if they were still involved. Students were categorised in to 'Never involved with Oranga Tamariki', 'Ever Involved with Oranga Tamariki', and 'Currently involved with Oranga Tamariki', which is a subset of 'Ever Involved'	Have you ever been involved with Oranga Tamariki (OT) or Child, Youth and Family Services (CYFS)? E.g., someone was worried about your safety or protection. <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul> Are you still currently involved in Oranga Tamariki? <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul>
<b>School</b>		
Feels a part of their school	We asked students whether they felt like they were a part of their school. Those who answered 'yes' are included in this group.	Do you feel like you are part of your school, alternative education, or course? <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul>
Adults at school care about them	We asked students whether they felt teachers/tutors cared about them. Those who answered 'yes' are included in this group.	Do you feel that teachers/tutors care about you? <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Doesn't apply</li> </ul>
Teachers treat students fairly	We asked students whether they felt teachers treated students fairly. Those who answered 'Most of the time' and 'All of the time' are included in this group.	How often do the teachers/tutors treat students fairly? <ul style="list-style-type: none"> <li>- Hardly ever</li> <li>- Sometimes</li> <li>- Most of the time</li> <li>- All of the time</li> </ul>
Feel safe at school/course	We asked students whether they felt safe at school. Those who answered 'Yes, all the time' and 'Yes, most of the time' were included in this group.	Do you feel safe in your school/course? <ul style="list-style-type: none"> <li>- Yes, all of the time</li> <li>- Yes, most of the time</li> <li>- Sometimes</li> <li>- No, mostly not</li> <li>- Not at all</li> </ul>
Had been bullied weekly or more at school/course in previous 12 months	We asked students how frequently they had been bullied in the past 12 months. Those who answered 'about once a week or more' were included in this group.	In the last 12 months how often have you been bullied in school/course? <ul style="list-style-type: none"> <li>- I haven't been bullied in the past 12 months</li> <li>- It has happened once or twice</li> <li>- About once a week or more</li> </ul>
<b>Substance use</b>		
Smokes cigarettes at least once a week	Students who had smoked a whole cigarette before were asked how often they smoked cigarettes now. Those who answered 'once or twice a week', 'most days', or 'daily' were included in this group.	We would now like to ask some questions about smoking cigarettes (not including e-cigarettes, vaping or marijuana). Have you ever smoked a whole cigarette? <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul> How often do you smoke cigarettes now? <ul style="list-style-type: none"> <li>- Never – I don't smoke now</li> <li>- Occasionally</li> <li>- Once or twice a month</li> <li>- Once or twice a week</li> <li>- Most days</li> <li>- Daily</li> </ul>

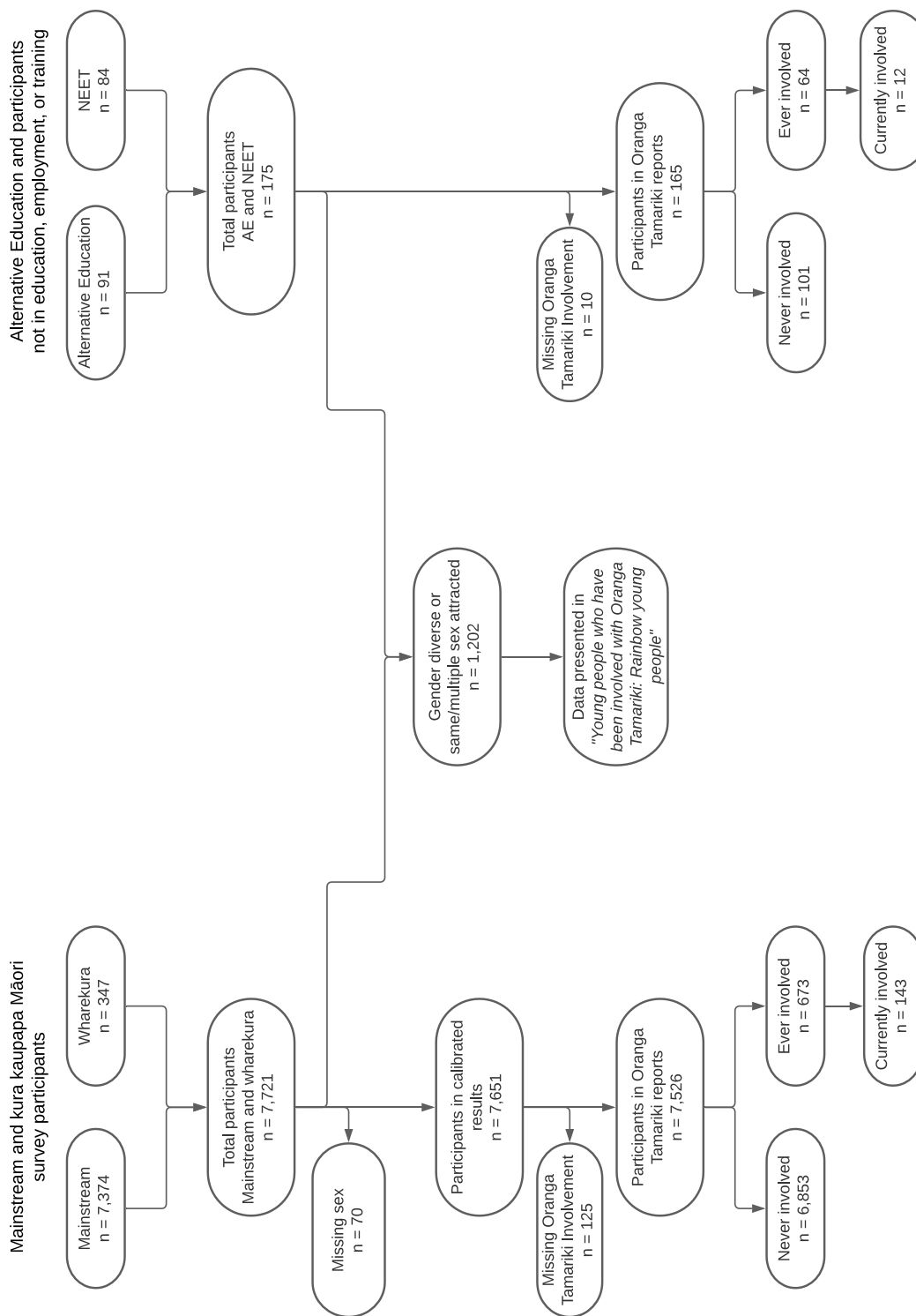
Vapes at least once a week	Students who had vaped before were asked how frequently they vaped. Students who answered 'once or twice a week' or 'more than twice a week' were included in this group.	Have you ever vaped or used an e-cigarette? - Yes - No  How often do you vape or use e-cigarettes now? - Never - Occasionally - Once or twice a month - Once or twice a week - More than twice a week
Drinks alcohol at least once a week	Students who reported they had ever consumed alcohol were asked about their frequency of use in the past 4 weeks. Students who responded 'Once a week', 'Several times a week', or 'Most days' were included in this group.	We would like to now ask some questions about alcohol. By this we mean beer, wine, spirits, pre-mixed drinks. Have you ever drunk alcohol (not counting a few sips)? - Yes - No  During the past 4 weeks, about how often did you drink alcohol? - Not at all - I don't drink alcohol now - Not in the last 4 weeks - Once in the last 4 weeks - Two or three times in the last 4 weeks - About once a week - Several times a week - Most days
Binge drinking (5 or more drinks within 4 hours) in previous 4 weeks	We asked students about binge drinking in the past 4 weeks. Students who responded anything other than 'None at all' are included in this group.	In the past 4 weeks, how many times did you have 5 or more alcoholic drinks in one session - None at all - Once in the past 4 weeks - Two or three times in the past 4 weeks - Every week - Several times a week
Smokes marijuana at least once a week	Students who reported having used marijuana were asked how often they used it in the last 4 weeks. Those who responded 'About once a week' were included in this group.	Now there are some questions about marijuana. You don't have to answer if you don't want to. Remember there is no way to identify you from your answers. Have you ever used or smoked marijuana? - Yes - No  In the last 4 weeks, about how often did you use marijuana? - Not at all - I don't use marijuana anymore - None in the last 4 weeks - One to three times in the last 4 weeks - About once a week
<b>Violence and police involvement</b>		
Was deliberately hit or physically harmed in last 12 months (including by peers, siblings, adults)	Students were asked how frequently they had been deliberately harmed by a partner, sibling, other young person, parent, or other adult in the last 12 months. Students who responded 'Once or twice' or 'Three or more times' were included in this group.	During the last 12 months how many times have you been hit or physically harmed on purpose by a: - Boyfriend or girlfriend - Sibling(s) - Other young person - Parent - Other adult  Response options: - Not in the last 12 months - Once or twice - Three or more times
Hit or physically harmed by an adult at home in last 12 months	We asked students whether they had been hit or physically hurt by an adult in the home. Those who responded 'yes' were included in this group.	In the last 12 months have adults in your home... Hit or physically hurt you? - Yes - No

Experienced sexual violence, abuse or unwanted sexual experiences	We asked students whether they had ever experienced sexual violence, abuse, or unwanted sexual experiences. Those who responded 'Yes' or 'Not sure' were included in this group.	Have you ever been touched in a sexual way or made to do sexual things that you didn't want to do? (Including sexual abuse or rape) <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> <li>- Not sure</li> </ul>
Been in trouble with the police in last 12 months	We asked students whether they had been in trouble with the police in the last 12 months. Those who responded 'Once' or 'Two or more times' were included in this group.	In the last 12 months have you been in trouble with the police? <ul style="list-style-type: none"> <li>- Never</li> <li>- Not in the last 12 months</li> <li>- Once</li> <li>- Two or more times</li> </ul>
Treated unfairly by the police because of their ethnicity in last 12 months	We asked students whether they had experienced discrimination from the police because of their ethnicity within the last 12 months. Those who responded 'Yes, within the past 12 months' were included in this group.	Have you been treated unfairly (picked on, hassled, etc.) by the police because of your ethnic group? <ul style="list-style-type: none"> <li>- Yes, within the past 12 months</li> <li>- Yes, more than 12 months ago</li> <li>- No</li> <li>- I don't know/unsure</li> </ul>
<b>Activities</b>		
Looks after others at home at least once a week (such as younger children or older family members)	We asked students whether they looked after others at home. Responses that indicated caring for others at least once a week were included in this group.	Do you look after others at home, for example younger children or older family members? <ul style="list-style-type: none"> <li>- Most days</li> <li>- More than once a week, but not most days</li> <li>- About once a week</li> <li>- Less than once a week</li> <li>- No</li> </ul>
Belongs to a sports team or group	We asked students which of a selection of groups, clubs or teams they belonged to. Students who responded 'a sports team or group' were included in this group.	Which of the following groups, clubs or teams do you belong to? This could be at school or somewhere else. (You may choose as many as you need) <ul style="list-style-type: none"> <li>- A sports team or group</li> <li>- A cultural group, e.g., kapa haka</li> <li>- A diversity group that supports sexuality and gender diverse youth, gay/straight alliance, or rainbow group</li> <li>- Another type of group or club, e.g., music, drama, gaming</li> <li>- None</li> </ul>
Belongs to another group	We asked students which of a selection of groups, clubs or teams they belonged to. Students who responded 'a cultural group', 'a diversity group' or 'another type of group or club' were included in this group.	Which of the following groups, clubs or teams do you belong to? This could be at school or somewhere else. (You may choose as many as you need) <ul style="list-style-type: none"> <li>- A sports team or group</li> <li>- A cultural group, e.g., kapa haka</li> <li>- A diversity group that supports sexuality and gender diverse youth, gay/straight alliance, or rainbow group</li> <li>- Another type of group or club, e.g., music, drama, gaming</li> <li>- None</li> </ul>
Had paid employment in last 12 months	We asked students whether they had worked for money had a paid job over the last 12 months. Responses that indicated yes were included in this group.	Over the last 12 months have you worked for money or had a paid job? (You may choose as many as you need) <ul style="list-style-type: none"> <li>- Yes, a regular part-time job (e.g., paper run)</li> <li>- Yes, I worked during the school holidays</li> <li>- Yes, I sometimes worked during the school term</li> <li>- No, I didn't work for pay in the last year</li> </ul>
Gave time to help others in their school or community	We asked students whether they gave time to help others in their school or community. Responses that indicated yes were included in this group.	Do you give your time to help others in your school or community (e.g., as a peer supporter at school, help out on the Marae or church, help coach a team or belong to a volunteer organisation)? <ul style="list-style-type: none"> <li>- Yes, within the last 12 months</li> <li>- Yes, but not within the last 12 months</li> <li>- No I don't know</li> </ul>

<p>Enrolled or plans to enrol to vote</p>	<p>We asked students if they were enrolled to vote in New Zealand elections. Students who responded 'yes' were included in this group.</p> <p>Students who did not respond 'yes' were asked if they planned to enrol to vote. Those who responded 'yes' were also included in this group.</p>	<p>Are you enrolled to vote in New Zealand elections?</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul> <p>Do you plan to enrol to vote in New Zealand elections?</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul>
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# Appendix 2: Participant inclusion criteria

Figure 1: Participant inclusion criteria



# Appendix 3: Oranga Tamariki— Ministry for Children

The Youth19 Rangatahi Smart Survey (Youth19) asks students if they have been involved with Oranga Tamariki, through either the Care and Protection or Youth Justice systems. It does not specify what kind of engagement the young person has had with Oranga Tamariki. It doesn't distinguish between whether a young person has been in care or if they have interacted with Oranga Tamariki in another way. For example, the student might be involved in a Family Group Conference, where the whānau comes together with professionals to talk about the concerns Oranga Tamariki have for a child or young person and come up with a plan. Information about other ways we interact with young people and their families can be found here: [Oranga Tamariki: How we keep children safe](#)

The Youth19 survey questions are framed to capture the maximum number of young people who have engaged with Oranga Tamariki. These questions were intentionally broad as the number of positive responses need to result in a subject population large enough for statistically powerful results. This broad population of all the young people Oranga Tamariki engages with helps Oranga Tamariki understand the needs of this population and how to respond to those needs. Only a small proportion of children and young people reported to Oranga Tamariki enter care or youth justice custody. The questions that define the subject population have some limitations. A student might not report engagement with Oranga Tamariki if they don't know Oranga Tamariki has engaged with their family about their safety. Some students might report engagement if their immediate family has been involved (parents, siblings) whereas others may not. A recall period is the period of time students are asked to consider when answering a question. This is not specified for the first question, which means the recall period could differ from person to person.

## **Information about Oranga Tamariki Care and Protection and Youth Justice**

For the New Zealand Care and Protection system in the year ending 30 June 2021 (Oranga Tamariki, 2021):

- 56,900 children and young people were reported to Oranga Tamariki
- 35,100 were referred for assessment or investigation
- 6,400 had a family group conference
- 790 entered the Care and Protection of the Chief Executive.

For the Youth Justice system in the year ending 30 June 2021:

- 1,900 young people had a youth justice family group conference
- 450 entered youth justice custody
- An additional 400 young people worked with Oranga Tamariki who weren't in custody (e.g., under supervision).

More information can be found in the [Oranga Tamariki Quarterly Report to 30 June 2021](#).

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