

# 2019 ASH Year 10 Snapshot

## Information and Methods

The ASH Year 10 Snapshot surveys 20,000-30,000 students every year on their smoking behaviour and attitudes – one of the largest ongoing youth smoking surveys in the world.

# 21<sup>ST</sup> ANNUAL ASH YEAR 10 SNAPSHOT

The ASH Year 10 Snapshot is a census style survey – all New Zealand schools with Year 10 students are invited to participate each year, other than Te Aho o Te Kura Pounamu (distance education). The Snapshot began in 1992 and has been running annually since 1999. In 2006 it became part of the NZ Youth Tobacco Monitor (NZYTM).

### SURVEY ADMINISTRATION



- ASH sends all consenting schools survey packs
- Teachers administer the survey to all Year 10 classes in the school
- The one-page, two-sided survey is completed in class time
- Surveys are anonymous and the information collected is confidential
- Completed surveys are returned by courier for checking
- Spoiled and/or incomplete surveys are removed, then surveys are sent to the data entry provider for scanning, which reduces data entry error

### DATA ANALYSIS



Returned questionnaires are checked for logical consistency. Only questionnaires with completed answers on age, gender, ethnicity, and smoking status are included for analysis. Ethnicity is coded using prioritised ethnicity classification.\* For comparison to previous years, analysis is restricted to those aged 14 and 15 years of age.

### PARTICIPATION

**27,354** STUDENT PARTICIPANTS



**53%** SCHOOL PARTICIPATION RATE

In 2019 the number of questionnaires returned with valid answers to questions on age, gender, ethnicity, and smoking status was 27,354.

53% (281 out of 529) of invited schools agreed to participate in 2019, compared to 52% for the 2018 Snapshot. Fourteen schools did not return their questionnaires in time for inclusion in analysis.

### SAMPLE CHARACTERISTICS

	2019 ASH Year 10 Snapshot Sample	2019 National Year 10 Population**
Year 10 (n)	27,354	60,844
Gender		
- Male	48%	51%
- Female	50%	49%
- Gender diverse	2%	-
Ethnicity (prioritised)*		
- Māori	21%	24%
- Pacific	9%	9%
- Asian	15%	12%
- Other	4%	3%
- NZ European	52%	50%
School decile group		
- Low (1-3)	13%	19%
- Medium (4-7)	47%	44%
- High (8-10)	40%	36%

### ACKNOWLEDGEMENTS

ASH appreciates the valuable time and effort of the schools, teachers, and students across NZ that took part in the 2019 Snapshot.

The NZYTM Scientific Advisory Group – Andrew Waa, Richard Edwards, Rob McGee, Sally Wong, and Sicily Sunseri – provided expert advice and input into the 2019 Snapshot.

The NZYTM is a collaboration between ASH and Te Hīringa Hauora/Health Promotion Agency (HPA). Particular thanks to 2019 NZYTM Project Manager Niveditha Gurram.

Analysis was provided by Varsha Parag, biostatistician, University of Auckland, using SAS v9.4.

### STRENGTHS & LIMITATIONS

Strengths of the ASH Year 10 Snapshot include its frequent survey points allowing good measurement of trends, large sample allowing detailed sub-sample analysis, and the ability to provide results to individual schools.

Limitations include a potential for bias, with lower participation rates for wharekura (Māori medium schools). As questionnaires are not administered by researchers, there is a potential effect on student response rates and the quality of data collection. Clustered sampling by school is not factored into the analysis, as a large proportion of the population is sampled.

### FUNDING

The ASH Year 10 Snapshot survey is funded by the Ministry of Health as part of the NZYTM.

### REFERENCES

- \*Ministry of Health, 2016. Ethnicity data protocols for the health and disability sector. Wellington, NZ: Author.  
\*\*Ministry of Education, 2019. School rolls. Available from: <http://educationcounts.govt.nz>