

# 2016 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 youth smoking surveys in the world. Strengths of the 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 of the survey include a potential for bias, with lower participation rates for wharekura (Māori language schools).

### THIS IS THE

# 18<sup>TH</sup> ANNUAL ASH YEAR 10 SNAPSHOT

The ASH Year 10 Snapshot is a census style survey – all New Zealand public and private schools with Year 10 students are invited to participate each year. The Snapshot has been running annually since 1999.

### SURVEY ADMINISTRATION



- ASH sends all consenting schools survey packs
- Teachers administer the survey to all Year 10 students in the school
- The one-page, two sided survey is completed in class time
- Surveys are confidential with no identifying information
- Completed surveys are returned by courier to ASH
- Spoiled and/or incomplete surveys are removed; completed surveys are sent to data entry provider for entry and coding

### DATA ANALYSIS



Returned questionnaires are checked for logical consistency. Only questionnaires with completed answers on age, gender, ethnicity, and ever-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.

### PARTICIPANTS

The number of completed questionnaires returned in 2016 was 28,882. The number completed by 14 and 15-year-olds answering age, gender, ethnicity, and smoking status questions correctly reduced the number of questionnaires analysed to 24,847.

**24,847**  
**STUDENTS**  
**PARTICIPATED**

### PARTICIPATION RATE

# 54% SCHOOL PARTICIPATION RATE

54% (289 out of 536) of invited schools agreed to participate in 2016, compared to 38% for the 2015 Snapshot. All but 14 schools returned their questionnaires in time for inclusion in analysis.

### SAMPLE CHARACTERISTICS

While not all schools participated in the 2016 Snapshot, the sample characteristics were very similar to the national Year 10 population for 2016.

	2016 ASH Year 10 Snapshot Sample	2016 National Year 10 Population**
Year 10 (n)	24,847	58,364
Gender		
- Male	47%	51%
- Female	53%	49%
Ethnicity (prioritised)*		
- NZ European	56%	53%
- Māori	21%	24%
- Pacific	10%	10%
- Asian	12%	10%
- Other	1%	2%
School decile group		
- Low (1-3)	17%	19%
- Medium (4-7)	46%	44%
- High (8-10)	37%	36%

### ACKNOWLEDGEMENTS

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The NZYTM is managed by the Health Promotion Agency (HPA). Particular thanks to NZYTM Project Manager Sicily Sunseri.

Analysis was provided by Steve Taylor, biostatistician, Auckland University of Technology, using R v3.4.1.

### FUNDING

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### REFERENCES

\*Ministry of Health, 2004. Ethnicity data protocols for the health and disability sector. Wellington, NZ: Author.  
\*\*Ministry of Education, 2017. School rolls. Available from: <http://educationcounts.govt.nz>