

2018 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.

21ST ANNUAL ASH YEAR 10 SNAPSHOT

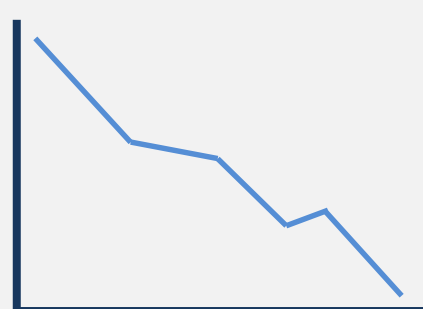
The ASH Year 10 Snapshot is a census style survey – all New Zealand schools with Year 10 students are invited to participate each year, other than Te Aho o Te Kura Pounamu (distance education). It began in 1992 and has been running annually since 1999. In 2006 it became part of the NZ Youth Tobacco Monitor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

PARTICIPATION

28,756 STUDENT PARTICIPANTS



52% SCHOOL PARTICIPATION RATE

The number of eligible questionnaires returned in 2018 was 28,756. Questionnaires were deemed eligible if valid answers were provided to the questions about age, gender, ethnicity, and smoking status.

52% (279 out of 540) of invited schools agreed to participate in 2018, compared to 49% for the 2017 Snapshot. Twelve schools did not return their questionnaires in time for inclusion in analysis.

SAMPLE CHARACTERISTICS

While not all schools participated in the 2018 Snapshot, the sample characteristics were similar to the national Year 10 population for 2018.

	2018 ASH Year 10 Snapshot Sample	2018 National Year 10 Population**
Year 10 (n)	28,756	59,976
Gender		
- Male	47%	51%
- Female	53%	49%
Ethnicity (prioritised)*		
- Māori	21%	24%
- Pacific	9%	10%
- Asian	14%	11%
- Other	1%	2%
- NZ European	54%	51%
School decile group		
- Low (1-3)	14%	18%
- Medium (4-7)	48%	44%
- High (8-10)	38%	37%

ACKNOWLEDGEMENTS

ASH appreciates the valuable time and effort of the schools, teachers, and students across NZ that took part in the 2018 Snapshot.

The NZYTM Scientific Advisory Group – Andrew Waa, Richard Edwards, Rob McGee, Sally Wong, and Sicily Sunseri – provided expert advice and input into the 2018 Snapshot.

The NZYTM is a collaboration between ASH and the Health Promotion Agency (HPA). Particular thanks to 2018 NZYTM Project Manager Sicily Sunseri.

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

FUNDING

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

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.

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>