



# New and emerging psychoactive substances

Alcohol, tobacco and other drugs in Australia



The New (and emerging) Psychoactive Substance (NPS) market is highly dynamic with fluctuations in the types of NPS available.[6]



## Main types of NPS include:

- synthetic cannabinoids
- phenethylamines
- tryptamines
- piperazines
- synthetic cathinones
- novel benzodiazepines.[1]

2022 EDRS participants past 6 months use of NPS:

- **11%** had used any NPS, including plant based
- **9%** had used any NPS, excluding plant based. [3]

NPS **often mimic the effects** of existing illicit substances.[1]



**97%** of **secondary school students** in 2017 reported **never using synthetic cannabis** or any new synthetic drug in the last twelve months.[4]



**0.1%\*** of the Australian population **reported recent use** of other NPS such as 'meow meow' and N,N-Dimethyltryptamine (DMT) in 2019.[2]

The number of **NPS border detections increased** by **6%** from 2018–19 to 2019–20.[5]

**0.2%** of the Australian population reported the **recent use** of **synthetic cannabinoids** in 2019.[2]



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## References

National Drug Strategy Household Survey findings relate to people aged 14 or older unless specified. An adult is a person aged 18 or older.[2]

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

1. NSW Ministry of Health 2017. A quick guide to drugs & alcohol, 3rd edn. Sydney: National Drug and Alcohol Research Centre.
2. AIHW 2020. National Drug Strategy Household Survey 2019. Drug statistics series no. 32. Cat. no. PHE 270. Canberra: AIHW. Viewed 03 August 2020.
3. Sutherland R, Peacock A, Karlsson A, Uporova J, Price O, Chandrasena U, Swanton R, Gibbs D, Bruno R, Wilson Y, Dietze P, Hall C, Eddy S, Lenton S, Grigg J, Salom C, Daly C, Thomas N, Juckel J, Degenhardt L, Farrell M. (2022). Australian Drug Trends 2022: Key Findings from the National Ecstasy and Related Drugs Reporting System (EDRS) Interviews. Sydney: National Drug and Alcohol Research Centre, UNSW Sydney. Viewed 13 October 2022.
4. Guerin N & White V 2018. Australian secondary school students' use of tobacco, alcohol, and over-the-counter and illicit substances in 2017. Victoria: Centre for Behavioural Research in Cancer. Viewed 11 March 2019.
5. ACIC (Australian Criminal Intelligence Commission) 2021. Illicit Drug Data Report 2019–21. Canberra: ACIC. Viewed 12 November 2021.
6. Burns L, Roxburgh A, Matthews A, Bruno R, Lenton S & Buskirk JV 2014. The rise of new psychoactive substance use in Australia. Drug Testing and Analysis 6:846–849

Source: Alcohol, tobacco and other drugs in Australia

(<https://www.aihw.gov.au/reports/alcohol/alcohol-tobacco-other-drugs-australia>).

