

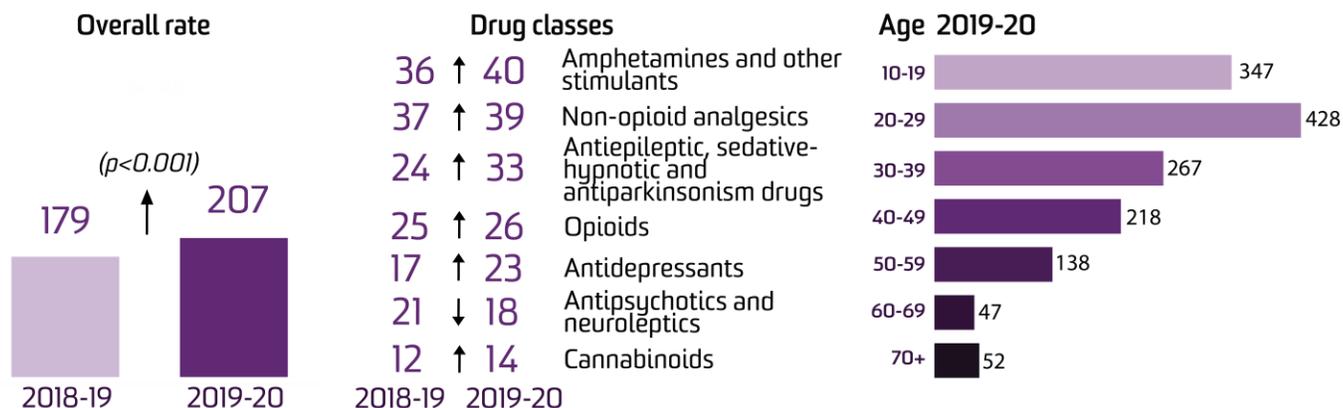
Trends in drug-related hospitalisations, 1999-2020

Agata Chrzanowska, Nicola Man, Rachel Sutherland, Louisa Degenhardt and Amy Peacock

Australian Capital Territory



Drug-related hospitalisations per 100,000 people (excluding alcohol and tobacco)



Note: Arrows indicate a statistically significant increase/decrease between 2018-19 and 2019-20 ($p < 0.05$)

There were 892 hospitalisations with a drug-related principal diagnosis in the [Australian Capital Territory](#) in 2019-20.

This is equivalent to 207 hospitalisations per 100,000 people, which was a significant increase from 2018-19 (179 hospitalisations per 100,000 people; $p < 0.001$) ([Table 1](#)) and higher than the rate in 1999-00 (125 hospitalisations per 100,000 people) ([Figure 1](#)).

Sex

The rate of hospitalisations was higher among [females](#) than males in 2019-20 (249 versus 167 hospitalisations per 100,000 people).

Age

In 2019-20, the rate of hospitalisations was [highest](#) among the 20-29 age group, followed by the 10-19 and 30-39 age groups (428, 347, and 267 hospitalisations per 100,000 people, respectively).

Remoteness Area of Usual Residence

Over 99.8% of the population in the Australian Capital Territory resided in major cities and the remaining resided in inner regional areas. For this reason, data on hospitalisations by remoteness area are not presented.

External Cause of Drug Poisoning

In 2019-20, 66% of drug-related hospitalisations in the Australian Capital Territory were due to drug poisoning. Furthermore, 76% of drug poisoning related hospitalisations were intentional (108 hospitalisations per 100,000 people) and 16% were unintentional (22 hospitalisations per 100,000 people) ([Figure 2](#)).

Drug Type

In 2019-20, the rate of hospitalisations was [highest](#) where there was a principal diagnosis indicating amphetamines and other stimulants (40 hospitalisations per 100,000 people), closely followed by non-opioid analgesics (39 hospitalisations per 100,000 people) ([Figure 3](#)).

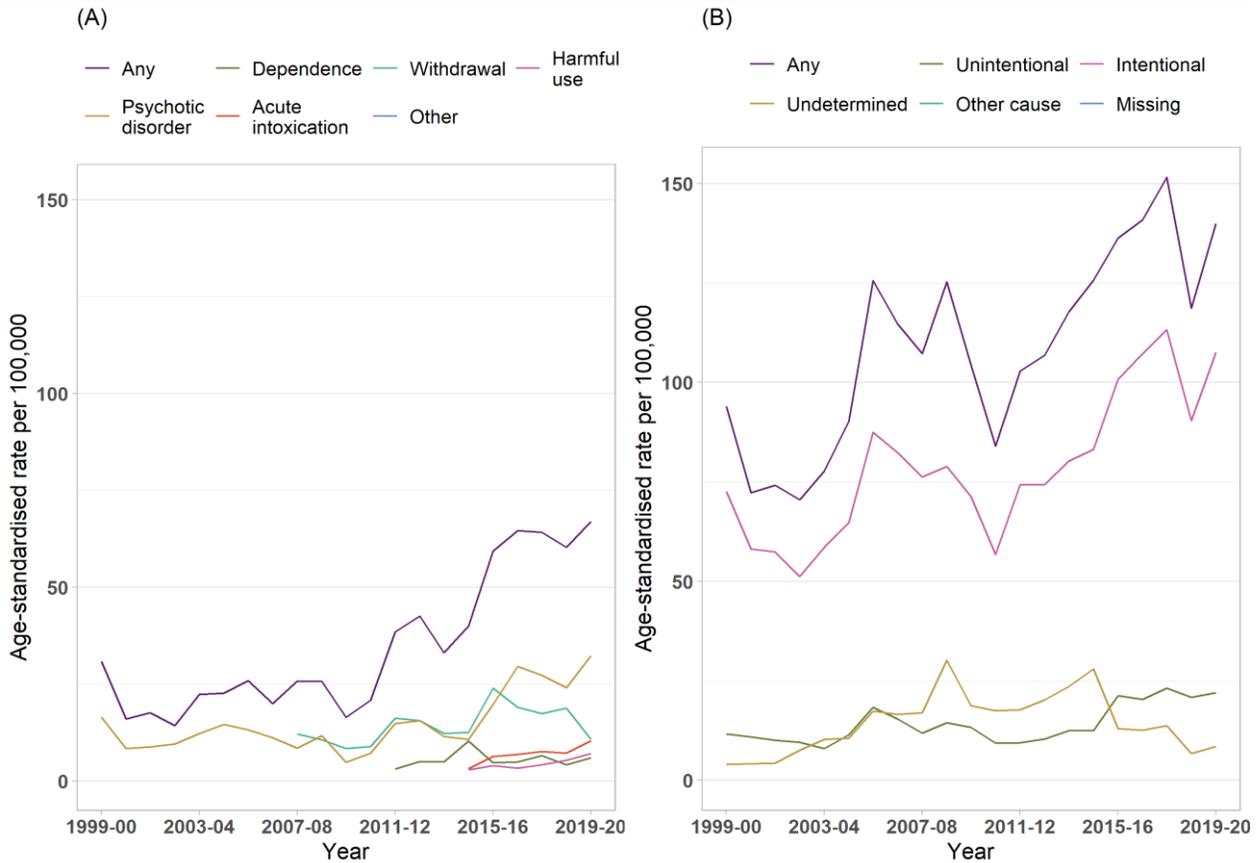
Compared to 2018-19, there was a significant decrease in the rate of antipsychotic and neuroleptic-related hospitalisations in 2019-20 ($p < 0.050$) ([Table 1](#)).

In contrast, there were significant increases in the rate of hospitalisations related to amphetamines and other stimulants; non-opioid analgesics (after a big decline from an earlier peak between 2016-17 and 2018-19); antiepileptic, sedative-hypnotic and antiparkinsonism drugs; opioids; antidepressants; cannabinoids; and multiple drug use ($p < 0.050$) ([Table 17](#)).

Figure 1. Age-standardised rate per 100,000 people of drug-related hospitalisations, by sex, Australian Capital Territory, 1999-00 to 2019-20.

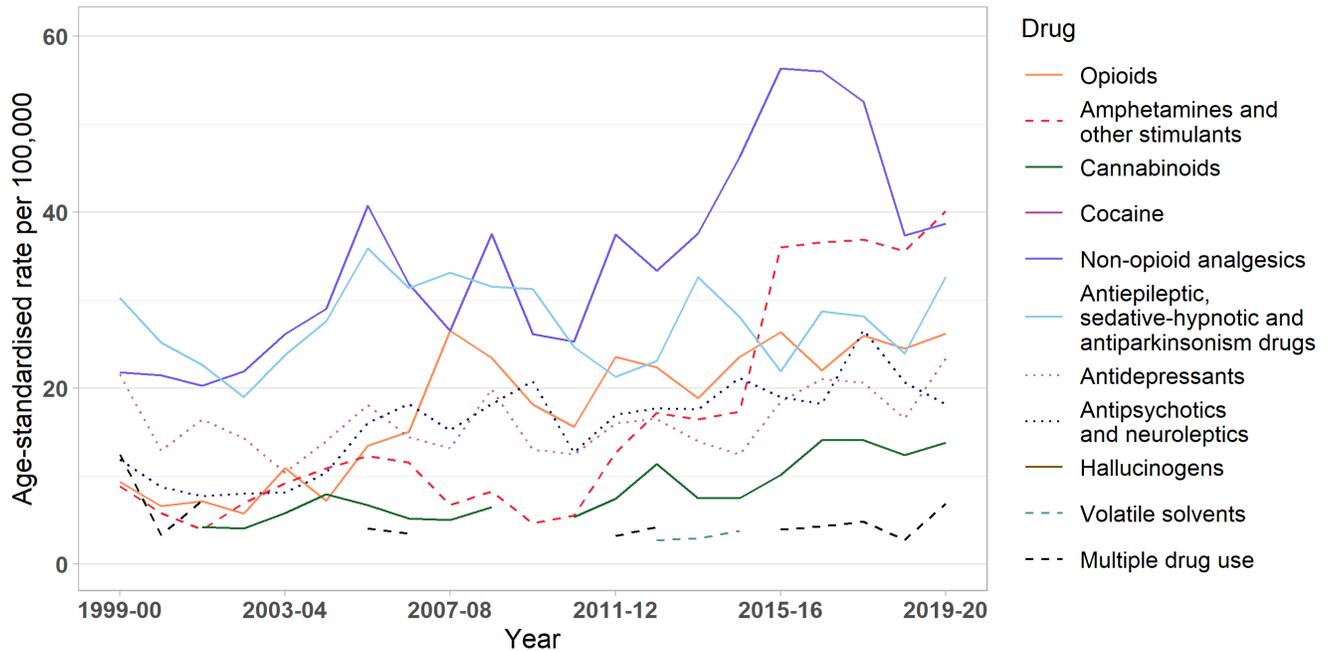


Figure 2. Age-standardised rate per 100,000 people of drug-related hospitalisations, by principal diagnosis of mental and behavioural disorder due to substance use (A) and external cause of poisoning (B), Australian Capital Territory, 1999-00 to 2019-20.



Note: Age-standardised rates were not calculated if the number of hospitalisations was less than or equal to 10 (please refer to our [methods](#) document for details). Suppressed data are visible as gaps in the data series.

Figure 3. Age-standardised rate per 100,000 people of drug-related hospitalisations, by drug identified in the principal diagnosis, Australian Capital Territory, 1999-00 to 2019-20.



Note: Age-standardised rates were not calculated if the number of hospitalisations was less than or equal to 10 (please refer to our [methods](#) document for details). Suppressed data are visible as gaps in the data series.

Table 1. Age-standardised rate (per 100,000 people) of drug-related hospitalisations in 2019-20 and rate ratio and p-value for difference compared to 2018-19, in the Australian Capital Territory by drug type identified in the principal diagnosis

Drug	Rate in 2019-20 (95% CI)	Rate in 2018-19 (95% CI)	Rate ratio	P-value
All drugs	207 (193.9,221.6)	179 (166,192)	1.16 (1.14,1.18)	<0.001
Amphetamines and other stimulants	40 (34.4, 46.6)	36 (30,42)	1.13 (1.09,1.17)	<0.001
Non-opioid analgesics	39 (32.9, 45.3)	37 (32,44)	1.04 (1.00,1.07)	0.027
Antiepileptic, sedative-hypnotic and antiparkinsonism drugs	33 (27.6, 38.5)	24 (20,29)	1.37 (1.32,1.42)	<0.001
Opioids	26 (21.6, 31.5)	25 (20,30)	1.07 (1.03,1.11)	<0.001
Antidepressants	23 (19.0, 28.6)	17 (13,21)	1.41 (1.35,1.48)	<0.001
Antipsychotics and neuroleptics	18 (14.4, 22.7)	21 (17,25)	0.88 (0.84,0.92)	<0.001
Cannabinoids	14 (10.5, 17.7)	12 (9,16)	1.11 (1.05,1.18)	<0.001
Multiple drug use	6.9 (4.65, 9.88)	2.8 (1.4, 4.9)	2.47 (2.24,2.73)	<0.001

Note: 95% confidence intervals for the age-standardised rate and rate ratio are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of rate ratios. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Acknowledgements

We would like to acknowledge the Australian Institute of Health and Welfare for data from the National Hospital Morbidity Database.

We would like to acknowledge the contribution of those who have been involved in past reporting on drug-related hospitalisations by Drug Trends, specifically: A/Prof Timothy Dobbins, Dr Amanda Roxburgh, and A/Prof Lucinda Burns.

We acknowledge the traditional custodians of the land on which the work for this report was undertaken. We pay respect to Elders past, present, and emerging.

Funding:

The Drug Trends program is funded by the Australian Government Department of Health under the Drug and Alcohol Program.

Please note that as with all statistical reports there is the potential for minor revisions to data in this report over its life. Please refer to the online version at [Drug Trends](#).

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Recommended citation:

Chrzanowska, A., Man, N., Sutherland, R., Degenhardt, L. & Peacock, A. (2021). Trends in drug-related hospitalisations in Australia, 1999-2020. Sydney: National Drug and Alcohol Research Centre, UNSW Sydney.

Related Links

- Hospitalisations data visualisations: https://drugtrends.shinyapps.io/hospital_separations
- Hospitalisations methods document: <https://ndarc.med.unsw.edu.au/resource-analytics/trends-drug-related-hospitalisations-australia-1999-2020>
- For other Drug Trends publications on drug-related hospitalisations and drug-induced deaths in Australia, go to: <https://ndarc.med.unsw.edu.au/project/national-illicit-drug-indicators-project-nidip>
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