

Navigating visualisations for Opioid-, amphetamine-, and cocaine-induced deaths in Australia: August 2018

Background

- This document is an accompaniment to the “Opioid-, amphetamine-, and cocaine-induced deaths in Australia: August 2018” online interactive data visualisation, available [here](#).

Navigating between visualisations

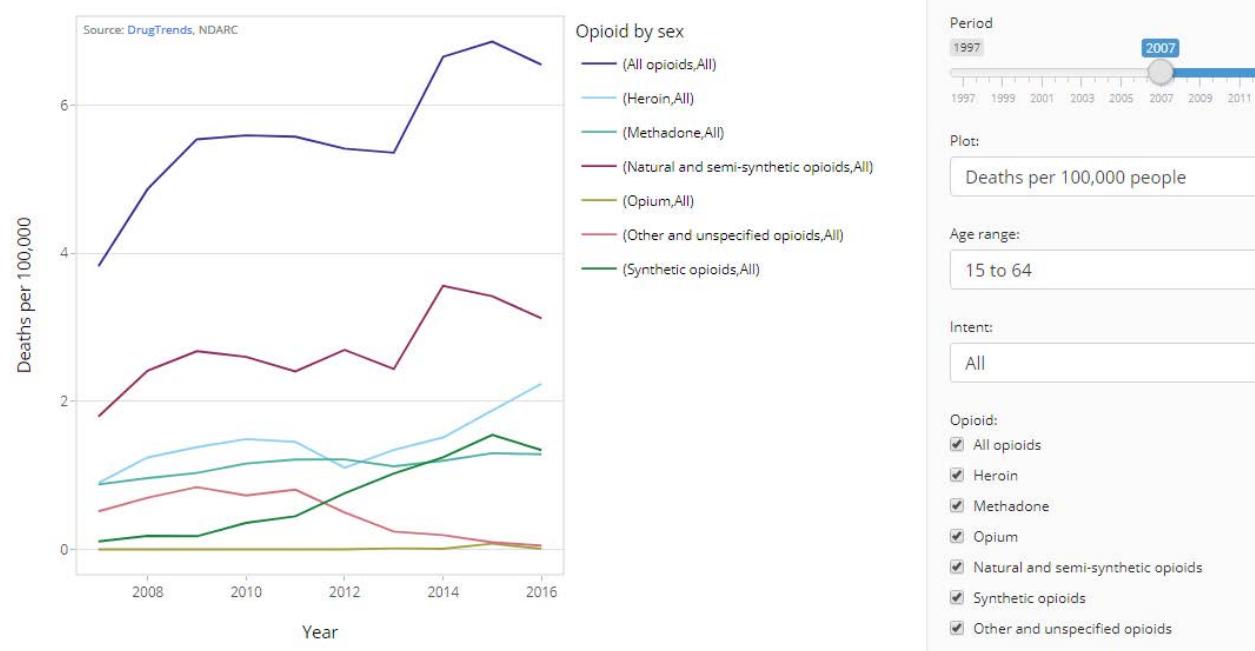
- The top bar of the visualisations pages includes five tabs, four of which are deaths by drug and the fifth for summary notes. Click on each tab to change the display.
- The opioids tab in the top bar has drop down menus for data presented in different ways. Click on the tab you'd like to explore.

Deaths induced by: [Opioids](#) [Amphetamines](#) [Cocaine](#) [All drugs](#) [Summary Notes](#)

Opioid induced deaths

By intent, opioid and sex

Plot Notes



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Displaying data

The following example relates to the visualisation [Opioid induced deaths over time by opioid, intent and age](#). This page is accessed from the opioids tab in the top bar and by selecting the first option in the drop down menu.

On the left of the visualisation is the graph, with two tabs:

- Plot: displaying the graph.
- Notes: displaying notes related to the data in the current visualisation.

The right-hand side of the visualisation has a number of options to change the displayed trends:

- Period: this slider shows the years of data available for display (default set to last 10 years). Click and drag either end of the slider to change the displayed time period.
- Plot: this drop-down menu defines which estimate should be displayed: numbers of deaths, rates of death or rates of death with 95% confidence intervals.
- Opioid: to display data for a specific opioid (e.g., heroin, methadone)
- Intent: to display trends over time for the intent of death assigned by the coroner (accidental, intentional, undetermined).
- Age group: to display trends over time for different age groups.

Other visualisations allow you to disaggregate data by:

- Sex: to display trends over time for males and females
- Jurisdiction: to display trends over time nationally and for states and territories
- Nature of death: to display trends for amphetamine or cocaine-induced deaths, or drug-induced deaths with amphetamines or cocaine contributing.

General tips:

- If you point the cursor over the line on the graph and hover, information will be displayed in relation to the data point (number, rate, age group, opioid, intent, year).
- Displays can be zoomed by clicking and dragging a selection of interest. Double-clicking a display will restore the default zoom level.
- You can select as many boxes as you like to see different time series displayed. The display may become cluttered if too many options are chosen, although there is a scroll bar to see the full legend.
- Visualisations can be downloaded by clicking the camera icon that appears at the very top-right when hovering over the chart. The corresponding visualisation will be saved into your Downloads folder as a .png file.

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Downloading the visualisations:

Data visualisations:

<https://drugtrends.shinyapps.io/Deaths>

Acknowledging data from the online interactive visualisation:

Please note that any presentation of these data should include acknowledgment of Drug Trends at the National Drug and Alcohol Research Centre: University of New South Wales.

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Related Links:

For more information on NDARC research, go to:

<http://ndarc.med.unsw.edu.au/>

For more information about the ABS, go to:

<http://www.abs.gov.au>

For more information on ICD coding go to:

<http://www.who.int/classifications/icd/en/>

For more research from the Drug Trends program go to:

<https://ndarc.med.unsw.edu.au/program/drug-trends>

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