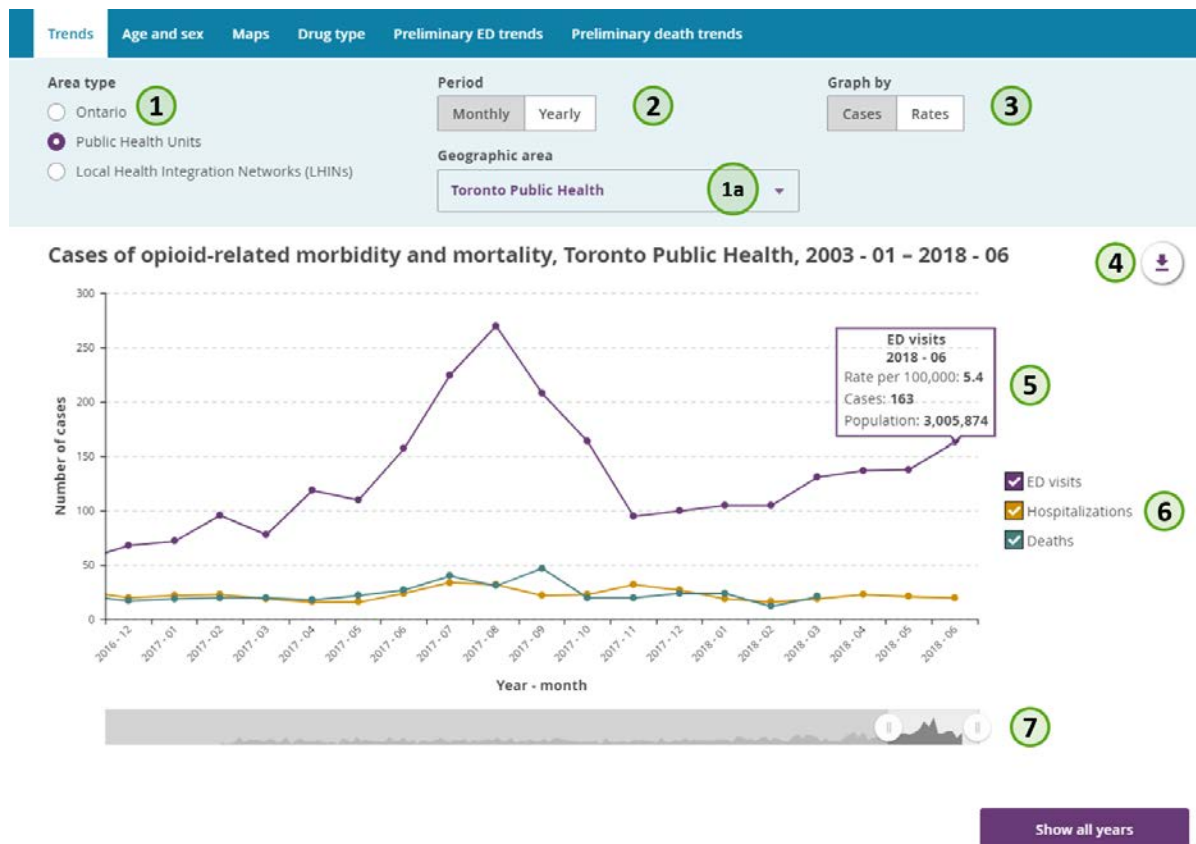


USER GUIDE

Interactive Opioid Tool

Trends Tab

The Trends tab provides a multi-line graph over time for the data sources used in the tool. Users can change the geographic area, time period and metric used in the graph.



1. The “Area type” selector can be used to change the data displayed in the graph to show results at the provincial level, by public health unit (PHU) or by local health integration network (LHIN). When PHU or LHIN is selected a selector to choose a specific geographic area will appear (1a).
2. The “Period” selector can be used to change the display between yearly and monthly data in the graph.
3. The “Graph by” selector can be used to change the data displayed in the graph between showing either the number of cases or the rates per 100,000 population in that time period.
4. Selecting this menu icon will allow you to export an image of the graph, a .csv file of the data included in the graph and download supporting documentation for the tool.

5. Hovering over any point on the graph will display a box with related information about the data point.
6. Clicking on any entry in the graph legend will turn lines on or off from the display.
7. In the monthly data view, the time slider will appear below the graph allowing you to change how many time periods are included. The “show all years” button below the slider will include all available time periods in the graph.

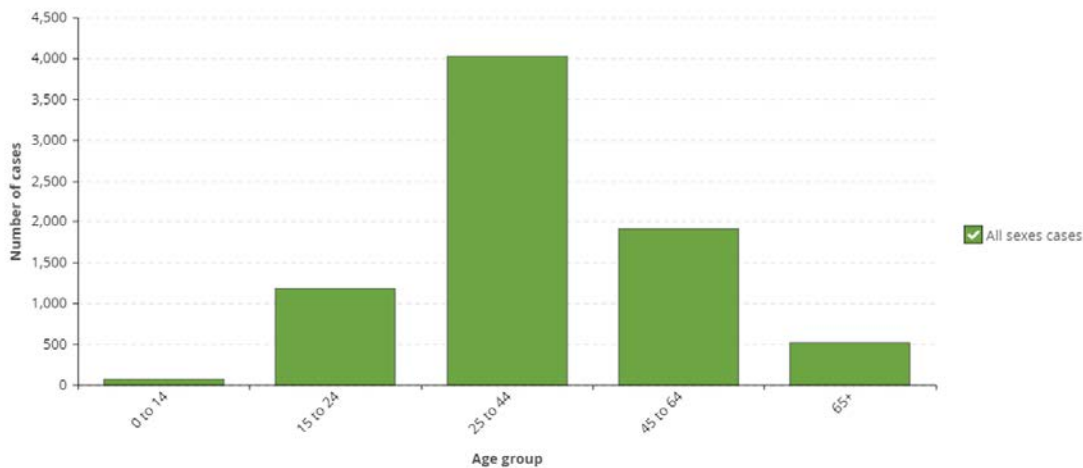
Age and Sex Tab

The age and sex tab provides a bar graph displaying data by age group for a single year as well as trends over time for a selected age group depending on user selection. Users can change the geographic area, year, data source, and metric used in the graph and choose to display the breakdown of results by sex.

The screenshot shows the 'Age and sex' tab with the following controls:

- Area type:** Ontario (selected), Public Health Units, Local Health Integration Networks (LHINs).
- Group data by:** Age group (selected), Year.
- Year:** 2017.
- Graph by:** Cases (selected), Rates.
- Data source:** ED visits.
- Split by sex:** Unchecked.
- Show all ages category:** Unchecked.

Cases of opioid-related ED visits by age group, Ontario, 2017

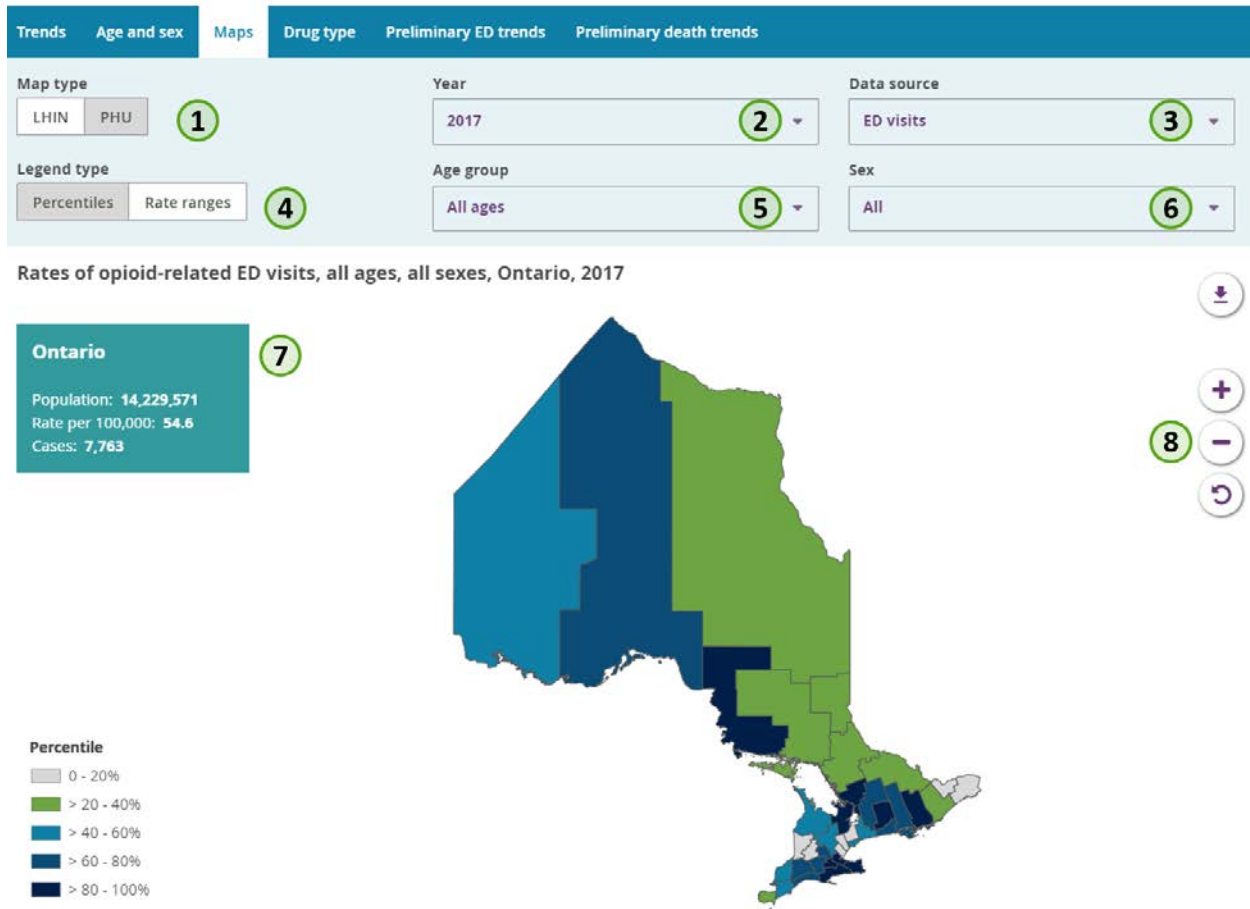


1. The “Area type” selector can be used to change the data displayed in the graph to show results at the provincial level, by public health unit (PHU) or by local health integration network (LHIN). When PHU or LHIN is selected a selector to choose a specific geographic area will appear.
2. The “Group data by” selector can be used to switch between a bar graph showing data by all age groups for a single year and a line graph showing data for a single age group across all years.
3. The “Graph by” selector can be used to change the data displayed in the graph between showing either the number of cases or the rates per 100,000 population in that time period.
4. The “Year” selector can be used to change the year of data displayed in the bar graph view.
5. The “Data source” selector can be used to change the data displayed in the graph between the different data sources used in the tool (e.g., hospitalizations, ED visits, deaths).

- The “Split by sex” selector can be used to change the data displayed in the graph to show both male and female results.
- The “Show all ages category” selector can be used to add a bar to the graph to show the overall results for all age groups.

Maps Tab

The Maps tab provides a map of Ontario displaying data by either PHU or LHIN. Users can change the year, data source, age group, sex and the way that the data is categorized on the map.



- The “Map type” selector can be used to switch between PHU and LHIN boundaries in the map.
- The “Year” selector can be used to change the year of data displayed in the map.
- The “Data source” selector can be used to change the data displayed in the map between the three different data sources used in the tool (e.g., hospitalizations, ED visits, deaths).
- The “Legend type” selector can be used to change how data are categorized in the map. Data can either be displayed as five equal quintiles which would change based on the selectors chosen (useful for comparing geographic regions in those selections), or as fixed rate ranges (useful for seeing how results have changed over time).
- The “Age group” selector can be used to change the age group of data displayed in the map.

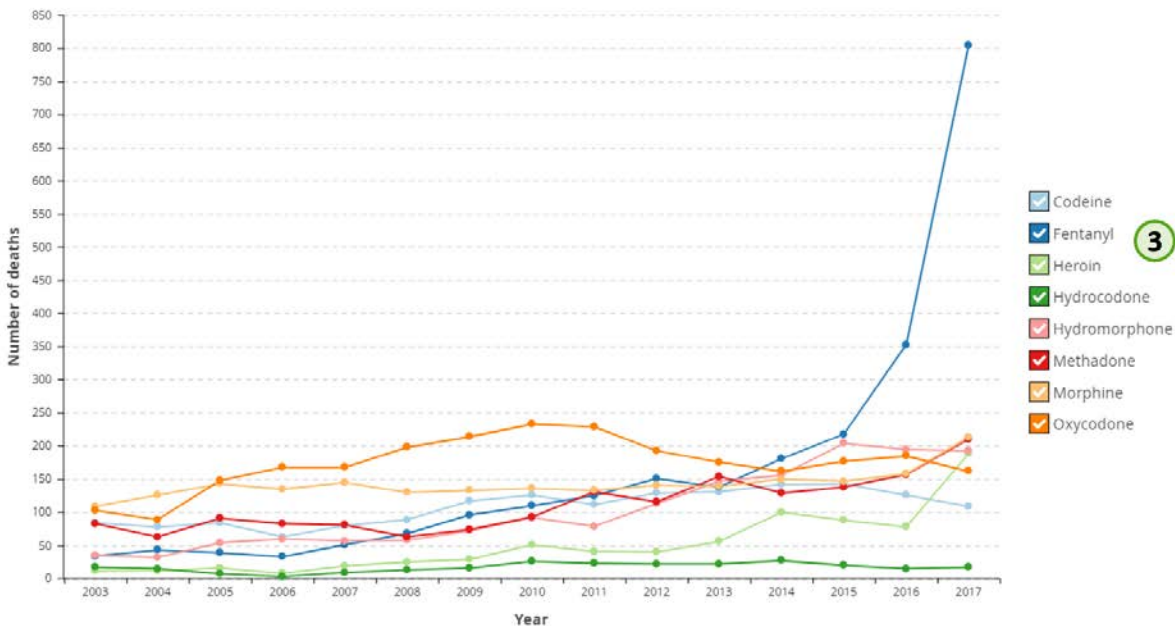
- The “Sex” selector can be used to change the data displayed in the map between all sexes combined and male or female results separately.
- The box in the upper left corner of the map display provides details on the rate and case count in Ontario, or by PHUs or LHINs based on filters selected. By default, Ontario data is shown but as a user hovers over a PHU or LHIN in the map the details in the box will be updated.
- The “+” and “-” buttons can be used to zoom in/out on the map. The bottom refresh button (“↻”) will reset the zoom to the default.

Drug Type Tab

The Drug type tab provides a multi-line graph over time displaying the types of opioids that were present at time of death. Users can change the geographic area and display data by the number of deaths or the percent of deaths attributed to a specific opioid.

The screenshot shows the 'Drug type' tab selected in the top navigation bar. Below it, the 'Area type' section has three radio buttons: 'Ontario' (selected, marked with a circled 1), 'Public Health Units', and 'Local Health Integration Networks (LHINs)'. To the right, the 'Graph by' section has two buttons: 'Deaths' (selected, marked with a circled 2) and 'Per cent'.

Type of opioid present at death, Ontario, 2003 – 2017



- The “Area type” selector can be used to change the data displayed in the graph to show results at the provincial level, by public health unit (PHU) or by local health integration network (LHIN). When PHU or LHIN is selected a selector to choose a specific geographic area will appear.
- The “Graph by” selector can be used to change the data displayed in the graph between showing either the number of deaths or the per cent of total deaths.
- Clicking on any drug type entry in the graph legend will turn lines on or off from the display

Preliminary ED Trends Tab

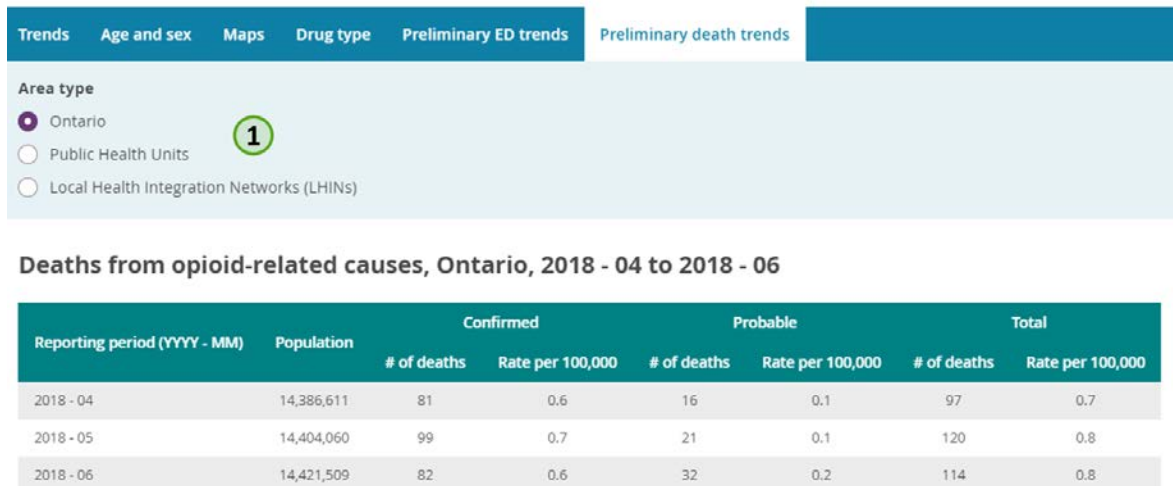
The Preliminary ED trends tab provides a table with the most recent preliminary data that have been collected as part of a weekly reporting initiative by Ontario hospitals. Users can change the geographic area included in the table.



1. The “Area type” selector can be used to change the data displayed in the graph to show results at the provincial level, by public health unit (PHU) or by local health integration network (LHIN). When PHU or LHIN is selected a selector to choose a specific geographic area will appear.

Preliminary Death Trends Tab

The Preliminary death trends tab provides a table with the most recent preliminary data from the Office of the Chief Coroner for Ontario and includes both confirmed and probable cases. Users can change the geographic area included in the table.



1. The “Area type” selector can be used to change the data displayed in the graph to show results at the provincial level, by public health unit (PHU) or by local health integration network (LHIN). When PHU or LHIN is selected a selector to choose a specific geographic area will appear.