

Covid Data Dashboard Requirements and Data Source Links:

A clinician is interested in understanding trends in COVID-19 data. She has requested you build a robust Power BI dashboard for her and her team to use with the following data sources (see below). She is interested in getting a snapshot view of overall trends and reported cases stratified by age group, sex and public health unit as well as insight into hospitalizations by vaccine status. She is also interested in the distribution of COVID-19 cases by geography. She would like to see percent positive cases in Ontario and percent positive cases in the City of Toronto over time. Moreover, she is interested in visualizing the testing volume 7-day average by public health unit and the percentage of the population in each public health unit in 2021 testing positive in each month. Finally, as an equity layer, she wants to understand how the marginalization scores in a public health unit might relate to COVID cases and testing volume.

In building this dashboard, please ensure that you have included clear documentation on definitions and any calculated fields or metrics so that the clinician can understand and interpret the data in your dashboard. Feel free to be creative with the data provided and add any additional metrics or visualizations you think would be of value to this clinician.

Data Sources:

[Confirmed Positive Cases of COVID-19 in Ontario \(data dictionary\)](#)

[Hospitalizations by Vaccine Status \(data dictionary\)](#)

[COVID-19 Testing Metrics by Public Health Unit](#)

[Ontario Marginalized Index 2021 – Background Information](#)