Greater Cincinnati COVID-19 Situational Awareness Dashboard: Slide Descriptions

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**Slide 2: Number of positive COVID-19 patients in Region 6 hospitals**
These data are from the Ohio Hospital Association (OHA) resource tracker. The top frame illustrates the total number of COVID-positive patients in hospital beds, measured over time. The height of the orange represents all COVID-19 positive patients in hospitals. The height of the purple represents the subset who are in intensive care units (ICU). The height of the green represents the subset who are on ventilators. These data begin in April 2020 when data were first available in this format. There are then 3 panels below. The chart on the left represents the % of all patients who are hospitalized who are positive for COVID-19. The middle chart illustrates the % of COVID-19 patients who are in the ICU. Finally, the chart on the right depicts the % of all COVID-19 positive ICU patients who are on ventilators. These data include all Ohio-based hospitals in Region 6, which includes 8 counties in Southwest Ohio: Hamilton, Butler, Warren, Clermont, Clinton, Brown, Highland, and Adams.

**Slide 3: Number of positive COVID-19 patients in Region 6 hospital beds (top) and ICUs (bottom), measured over time**
These charts present the daily number of positive COVID-19 patients in hospital and ICU and hospital beds in Ohio-based hospitals of Region 6, which includes 8 counties in Southwest Ohio: Hamilton, Butler, Warren, Clermont, Clinton, Brown, Highland, and Adams. The source is the OHA resource tracker. The y-axis is the number of patients in beds and the x-axis is time measured in days. The centerline is the mean occupied beds from April 2022 through December 2022 which represents the current baseline of occupied beds for our system. The shading represents three standard deviations above and below the centerline. A point above the shading would indicate a departure from our current system and be evaluated accordingly. Consecutive points above or below the centerline will not be evaluated for shifts as the chart is autocorrelated. Data presented are from April 1, 2022 through current.

**Slide 4: Incidence - Weekly SARS-CoV-2 cases measured per 100,000 per week (7-day average per county)**
This slide shows this value for each regional county in Ohio. Data are obtained from the Ohio Department of Health. Cuts are defined as low (0-9.99), moderate (10-49.99), substantial (50-99.99), high (≥100-199), and very high (≥200). Of note, incidence <10 is suppressed and thus may be blank on the figure.

**Slide 5: Age group incidence - Daily positive SARS-CoV-2 cases measured per 100,000 per week (7-day average) – Southwestern Ohio counties (Region 6)**
This slide displays the case incidence rate by age group for the 8 counties in Southwest Ohio that compose Region 6. The numerator is the number of cases as identified in the Ohio Department of Health dashboard. The denominator is number of people within each age group within the counties composing Region 6 in Southwest Ohio, as captured in the US Census 2019 population estimates. The rate is normalized by 100,000 individuals. Given lags in the reporting, the last several data points (depicted as dots) are preliminary counts. They should be considered a ‘floor.’

**Slide 6: Number of COVID-19 deaths in Southwestern Ohio**
This slide shows the daily number of COVID-19 deaths in the 8-county region Southwestern Ohio region. Each lightly shaded bar is the number of deaths reported each day. The line represents a 7-day moving average. These data are tracked by and drawn from Ohio Department of Health (https://coronavirus.ohio.gov/static/dashboards/COVIDDeathData_CountyOfResidence.csv). These data can lag up to 1-2 months. Thus, the dotted line and lightly shaded data points should be considered preliminary.