Greater Cincinnati COVID-19 Situational Awareness*

August 09, 2021

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Number of COVID positive patients in Region 6 hospitals

- 183 confirmed
- 64 in ICU
- 43 on ventilators

% of hospitalized patients who are COVID positive:
- Jun: 0%
- Jul: 5%
- Aug: 10%

% of COVID positive patients in ICU:
- Jun: 0%
- Jul: 25%
- Aug: 50%

Positive patients on ventilators as % of positive patients in ICU:
- Jun: 0%
- Jul: 25%
- Aug: 65%

Source: Ohio Hospital Association Hospital Resource Tracker on August 9th
Number of positive COVID-19 patients in Region 6 ICUs

Dashed line indicates a temporary centerline that will change over time. Source: Ohio Hospital Association Hospital Resource Tracker on August 9th
Number of positive COVID-19 patients in Region 6 hospitals

Dashed line indicates a temporary centerline that will change over time. Source: Ohio Hospital Association Hospital Resource Tracker on August 9th.
Occupied beds in Southwestern Ohio hospitals, seven day moving average

ICU beds

Medical-Surgical beds

Normal operating level and adequate staffing
Minor to moderate strain on staffing
Moderate to extreme strain on staffing
Further bed expansion - extreme strain on staffing and system

Source: OHA data as of August 9th
Seven day sum of new Covid cases per 100,000 people in each county with CDC levels


Data from The New York Times, based on reports from state and local health agencies. https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html Pulled: 2021-08-09
Seven day moving average of new Covid-19 cases by onset date per 100,000 by age group in Hamilton County

Map of R estimates for 14 county area with average daily number of cases per 100,000 population in the last week

Estimated R value is based on the rate of change in incidence cases and should be considered along with the count

Mean serial interval (SI): 4.7 and standard deviation of SI: 2.9. Data from The New York Times, based on reports from state and local health agencies.

https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html Pulled: 2021-08-09
ODH now reports only verified deaths, lag can be as much as 1-2 months.

Source: ODH, Verified deaths by county of residence, https://coronavirus.ohio.gov/static/dashboards/COVIDDeathData_CountyOfResidence.csv, pulled on: 2021-08-09
Percentage of test results returned positive in 14 county region

% of tests returned positive
Common variation Centerline Observation
Percentage of test results returned positive in 14 county region

Number of resulted tests / 7 day moving average

Open circles indicate points highly subject to change.
Open circles indicate points highly subject to change, last data point is August 08, 2021.
Percentage of test results returned positive by age of patient for 14 county area

Common variation

% of test returned positive

Centerline

50-59

60-69

70-79

80-89

Open circles indicate points highly subject to change, last data point is August 08, 2021

Seven day moving average, number of vaccines started and completed in Southwestern Ohio and Southeastern Indiana

Source: ODH. https://coronavirus.ohio.gov/static/dashboards/vaccine_data.csv on August 9th, 2021
ISDH. https://hub.mph.in.gov/dataset/c484a6a3-2fd2-4a9f-5e02-c9b801c34549/resource/a4d23ae8-34c2-4951-85e0-3ea9345fe6ea/download/county-vaccinations-by-date.csv on August 9th, 2021
Goal of starting vaccines for 80% of the eligible population in the 15 county area

#GetOutTheVax

Data as of: Ohio August 8th; Indiana August 8th; Kentucky August 5th; CDC August 8th. Includes population ages 12 and up.
### Percentage of population with vaccine started and completed in Southwestern Ohio and Southeastern Indiana

<table>
<thead>
<tr>
<th>Location</th>
<th>Population</th>
<th>Vaccines started</th>
<th>Vaccines completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southwestern Ohio</td>
<td>1,797,896</td>
<td>892,452</td>
<td>827,083</td>
</tr>
<tr>
<td>Southeastern Indiana</td>
<td>100,540</td>
<td>36,728</td>
<td>34,424</td>
</tr>
<tr>
<td>Ripley County, Indiana</td>
<td>28,324</td>
<td>10,332</td>
<td>9,709</td>
</tr>
<tr>
<td>Franklin County, Indiana</td>
<td>22,758</td>
<td>7,753</td>
<td>7,311</td>
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<td>Warren County, Ohio</td>
<td>234,802</td>
<td>128,052</td>
<td>119,917</td>
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<td>Highland County, Ohio</td>
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COVID cases in last two weeks and vaccines started in ZIP codes
ZIP codes with the five highest case rates highlighted

Cases per 100,000 population in last 14 days