The Health Collaborative Situational Dashboard*

January 07, 2021

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Hospital demand

Forecast demand

Mobility
Hospital demand
Number of positive COVID−19 patients in Region 6 ICUs, I−Chart

Source: OHA Hospital Resource Tracker on January 7th
Number of positive COVID−19 patients in Region 6 hospitals, I−Chart

Source: OHA Hospital Resource Tracker on January 7th
Percentage of beds in use in Southwestern Ohio hospitals

Adult medical–surgical beds

- Maximum beds
- Baseline beds

85% 85%

First expansion of beds

Source: SurgeNet data for Region 6 hospitals at 19:01 on January 7, 2021. Open circle indicates data for less than 90% of beds in SurgeNet.
Forecast demand
Hamilton County, Ohio

Estimated R

Daily incidence and seven day moving average

14 county area

Estimated R

Daily incidence and seven day moving average

The break in the line for Ohio counties indicates a period impacted by the release of a large number of antigen results on 12–8; this period is not indicative of trends.

Mean serial interval (SI): 4.7 and standard deviation of SI: 2.9

Map of R estimates for 14 county area with average daily number of cases per 100,000 population in the last week
Estimates R value is based on the rate of change in incidence cases and should be considered along with the count.

Residual effects of a large release of cases on 12-8 artificially lowers the estimated R. 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.

Ohio
Estimated R

R = 1.05*

Daily incidence and seven day moving average

Indiana
Estimated R

R = 1.10*

Daily incidence and seven day moving average

Kentucky
Estimated R

R = 1.23*

Daily incidence and seven day moving average

Red R value and * indicate that lower bound is greater than 1. Data from The New York Times, based on reports from state and local health agencies. Pulled on: 2021–01–07.
Data from The New York Times, based on reports from state and local health agencies.
Percentage of test results returned positive in 14 county region

- Common variation
- 3% positivity goal
- Centerline
- Observation

Open circles indicate points highly subject to change
Source: The Health Collaborative data as of 01/07/2021.
Seven day moving average of new Covid cases per 100,000 people in each county

The break in the line for Ohio counties indicates a period impacted by the release of a large number of antigen results on 12–8; this period is not indicative of trends. Levels are suggested by Massachusetts Testing, Tracking, and Supported Isolation collaborative, information can be found here: https://ethics.harvard.edu/ttsi-technical-handbook. Per local leadership, the lowest threshold for our region is being set at 5 cases per 100,000.


Pulled: 2021-01-07
Percentage of test results returned positive by age of patient for 14 county area

Common variation

% of test returned positive

Centerline

0−4

5−17

18−24

25−29

30−39

40−49

Open circles indicate points highly subject to change, last data point is January 06, 2021.

Source: The Health Collaborative data as of 01/07/2021.
Percentage of test results returned positive by age of patient for 14 county area

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Number of Tests</th>
<th>% of Tests Returned Positive</th>
<th>7 Day Moving Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>50–59</td>
<td>338</td>
<td>14.9%</td>
<td>7 day moving average</td>
</tr>
<tr>
<td>60–69</td>
<td>356</td>
<td>14.9%</td>
<td>7 day moving average</td>
</tr>
<tr>
<td>70–79</td>
<td>239</td>
<td>17.0%</td>
<td>7 day moving average</td>
</tr>
<tr>
<td>80–89</td>
<td>113</td>
<td>16.2%</td>
<td>7 day moving average</td>
</tr>
</tbody>
</table>

Open circles indicate points highly subject to change, last data point is January 06, 2021.
Source: The Health Collaborative data as of 01/07/2021.
Seven day moving average of new Covid–19 positive tests per 100,000 by age group in Hamilton County

Source: The Health Collaborative as of 2021–01–07
Mobility
Percentage change in weekday mobility in Hamilton County

Source: Google mobility data. Most recent date: 2021-01-01  https://www.gstatic.com/covid19/mobility/Global_Mobility_Report.csv

Common variation

Number of COVID-19 deaths in 14 county area