

The Health Collaborative Situational Dashboard*

September 10, 2020

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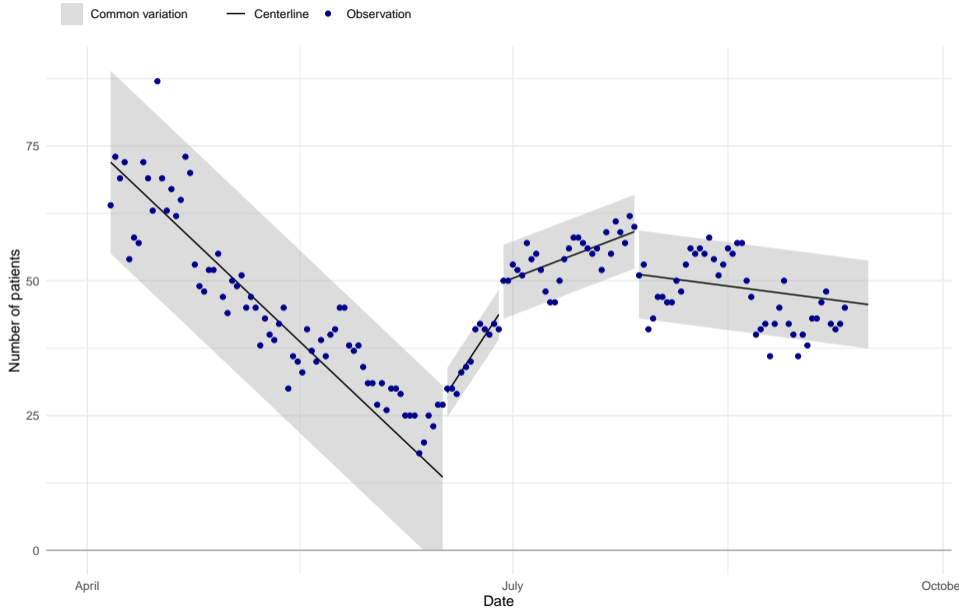
Hospital demand

Forecast demand

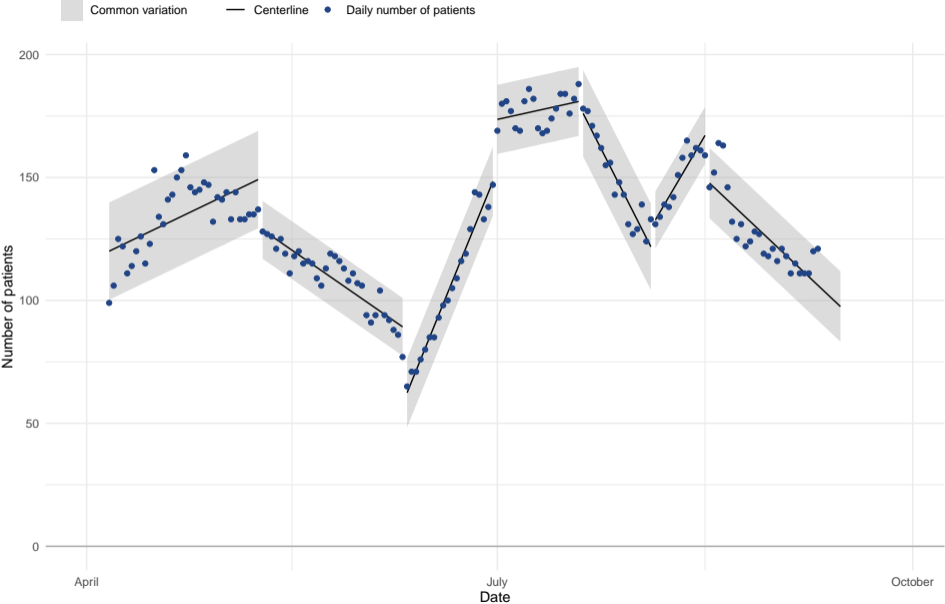
Mobility

Hospital demand

Number of positive COVID-19 patients in Region 6 ICUs, I-Chart



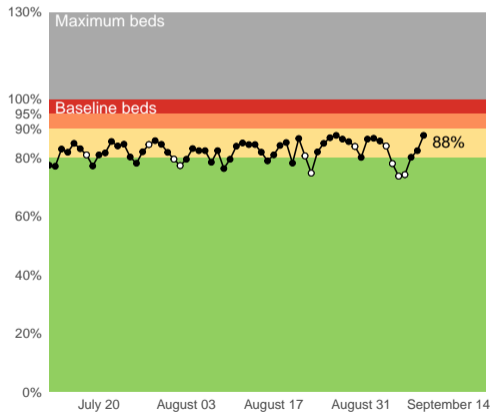
Number of positive COVID-19 patients in Region 6 hospitals, I-Chart



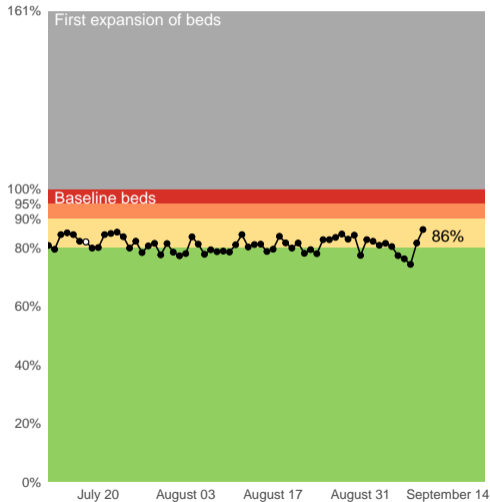
Source: OHA Hospital Resource Tracker on September 10th

Percentage of beds in use in Southwestern Ohio hospitals

Adult medical-surgical beds



Adult critical care beds

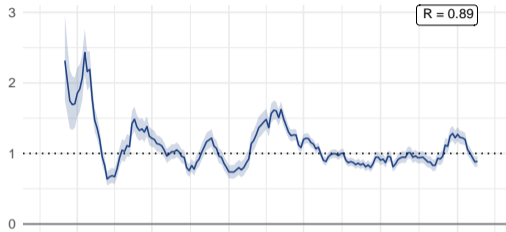


Source: SurgeNet data for Region 6 hospitals at 12:09 on September 10, 2020. Open circle indicates data for less than 90% of beds in SurgeNet.

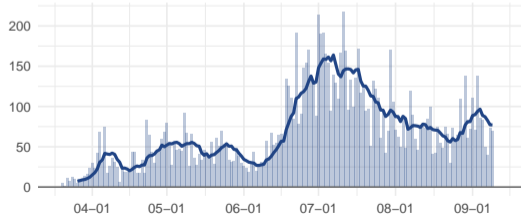
Forecast demand

Hamilton County, Ohio

Estimated R

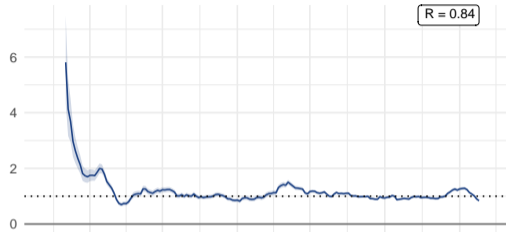


Daily incidence and seven day moving average

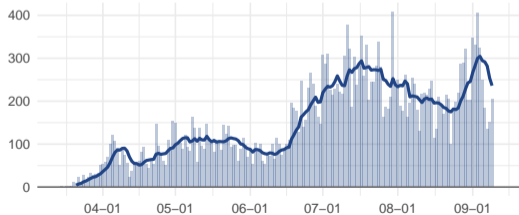


14 county area

Estimated R



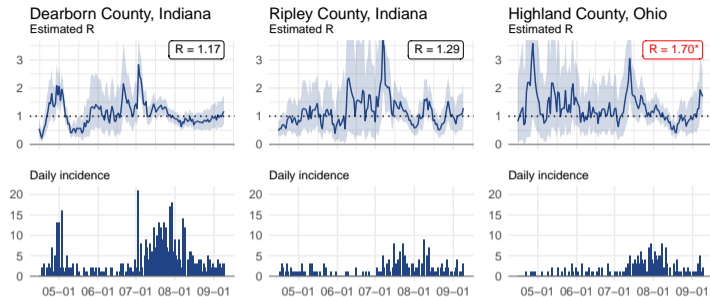
Daily incidence and seven day moving average



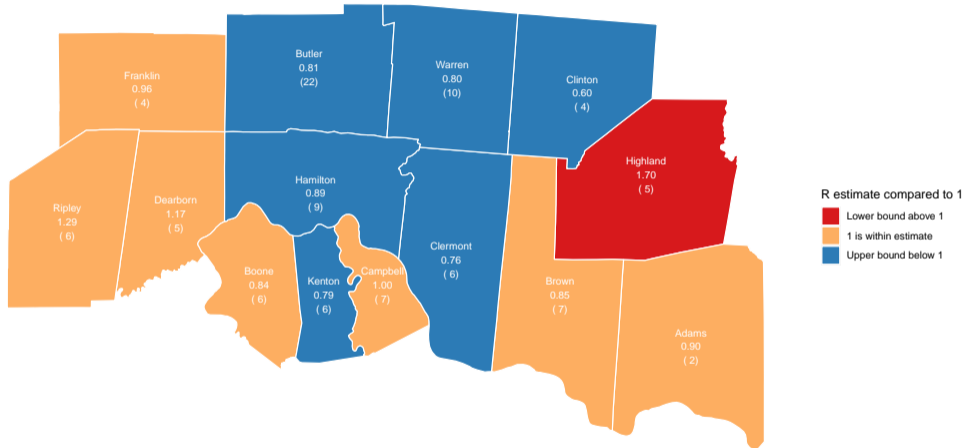
Mean serial interval (SI): 4.7 and standard deviation of SI: 2.9

Data from The New York Times, based on reports from state and local health agencies. Pulled on: 2020-09-10. <https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html>

Counties where the current R estimate is greater than 1

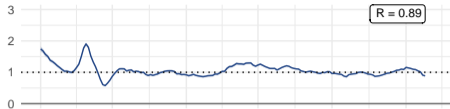


Map of R estimates for 14 county area with average daily number of cases per 100,000 population in the last week
Estimated R value is based on the rate of change in incidence cases and should be considered along with the count

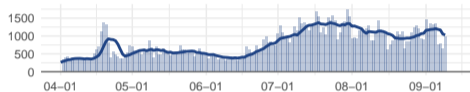


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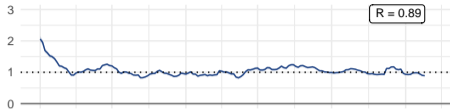
Ohio Estimated R



Daily incidence and seven day moving average



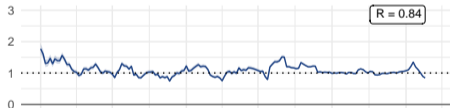
Indiana Estimated R



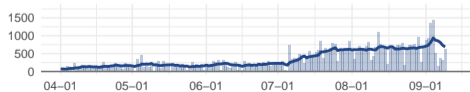
Daily incidence and seven day moving average



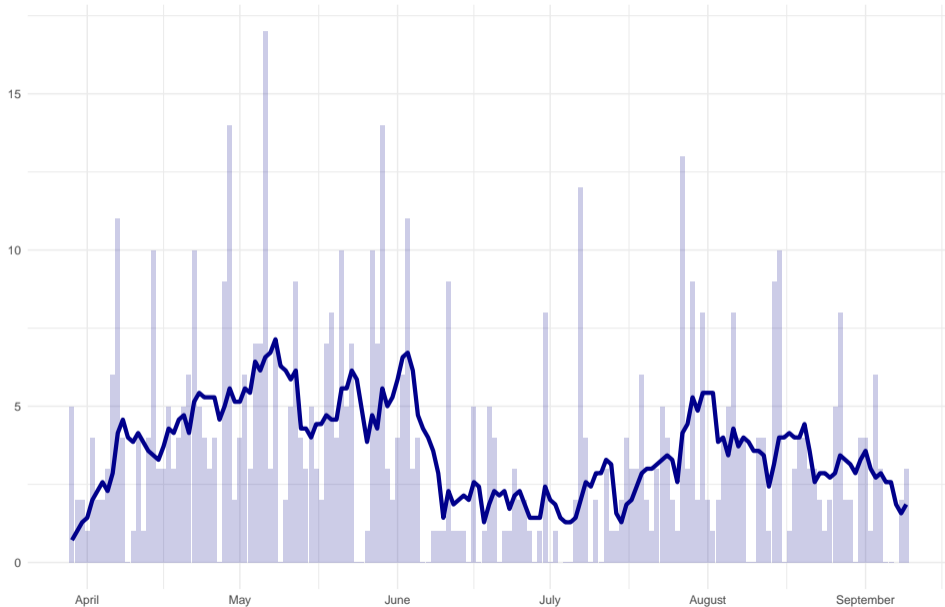
Kentucky Estimated R



Daily incidence and seven day moving average

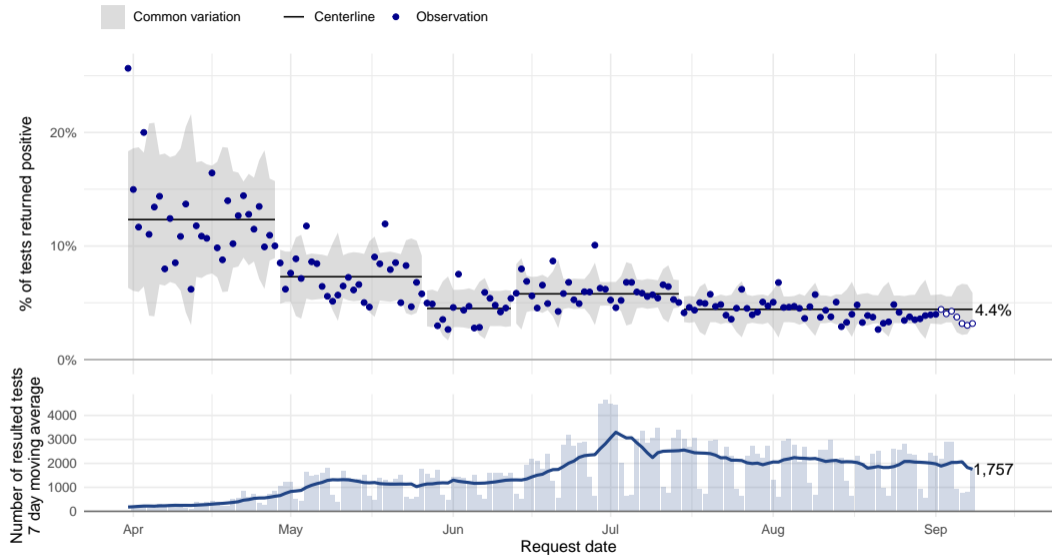


Number of COVID-19 deaths in 14 county area with 7 day moving average



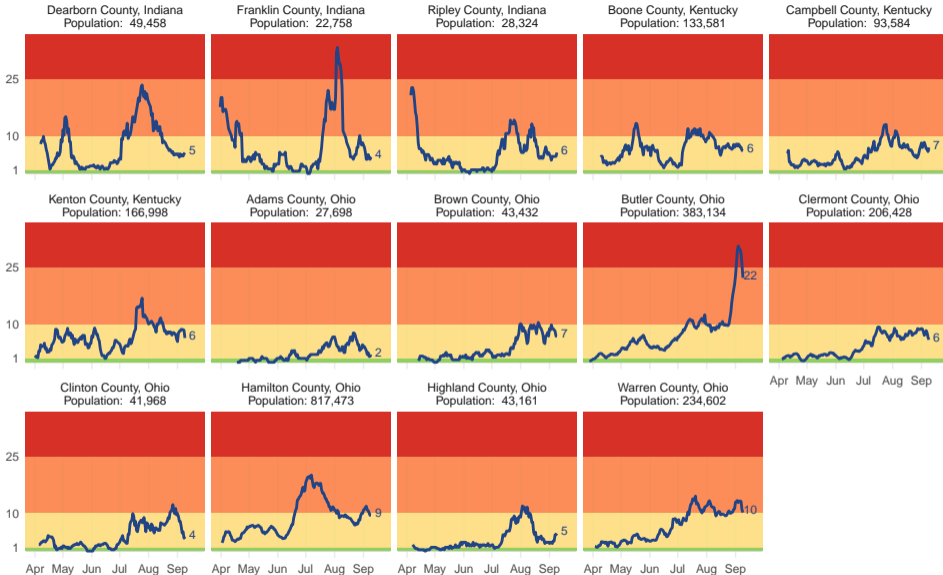
Data from The New York Times, based on reports from state and local health agencies.
Pulled on: 2020-09-10. <https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html>

Percentage of test results returned positive in 14 county region



Open circles indicate points highly subject to change
Source: The Health Collaborative data as of 09/10/2020.

Seven day moving average of new Covid cases per 100,000 people in each county



Levels are those suggested by Massachusetts Testing, Tracing, and Supported Isolation collaborative, information can be found here:

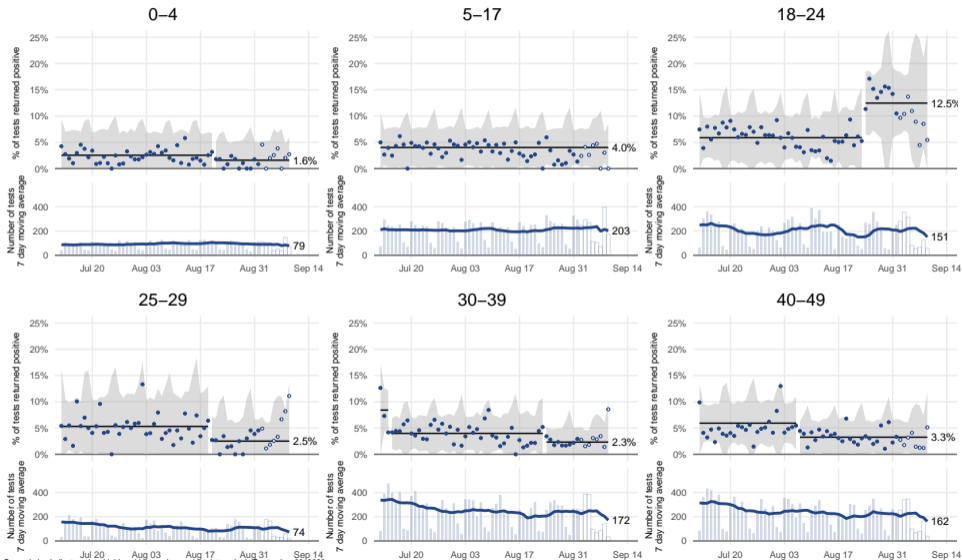
<https://ethics.harvard.edu/ttsi-technical-handbook>.

Data from The New York Times, based on reports from state and local health agencies.

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Percentage of test results returned positive by age of patient for 14 county area

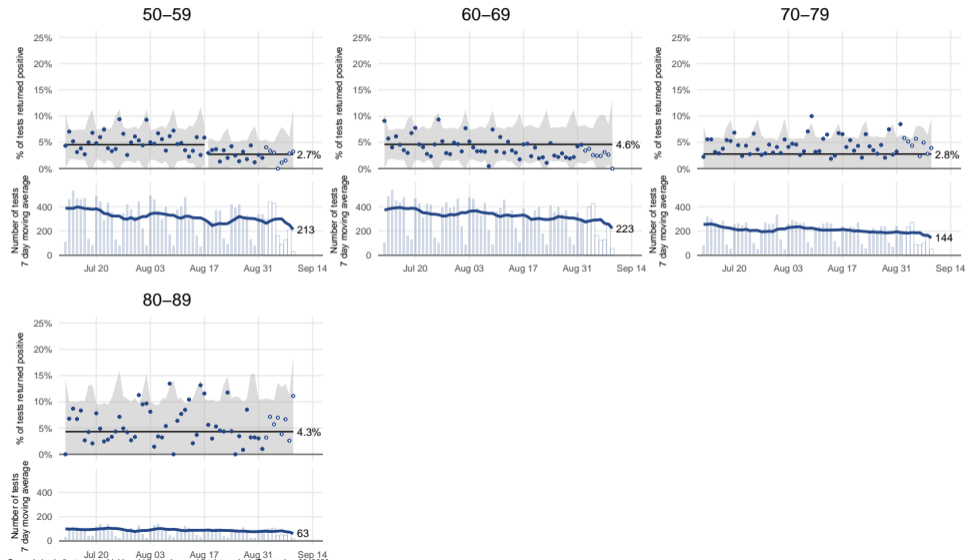
• % of test returned positive — Centerline ■ Common variation



Open circles indicate points highly subject to change, last data point is September 09, 2020
 Source: The Health Collaborative data as of 09/10/2020.

Percentage of test results returned positive by age of patient for 14 county area

• % of test returned positive — Centerline ■ Common variation



Open circles indicate points highly subject to change, last data point is September 09, 2020
 Source: The Health Collaborative data as of 09/10/2020.

Mobility

Percentage change in weekday mobility in Hamilton County

