The Health Collaborative Situational Dashboard[*]
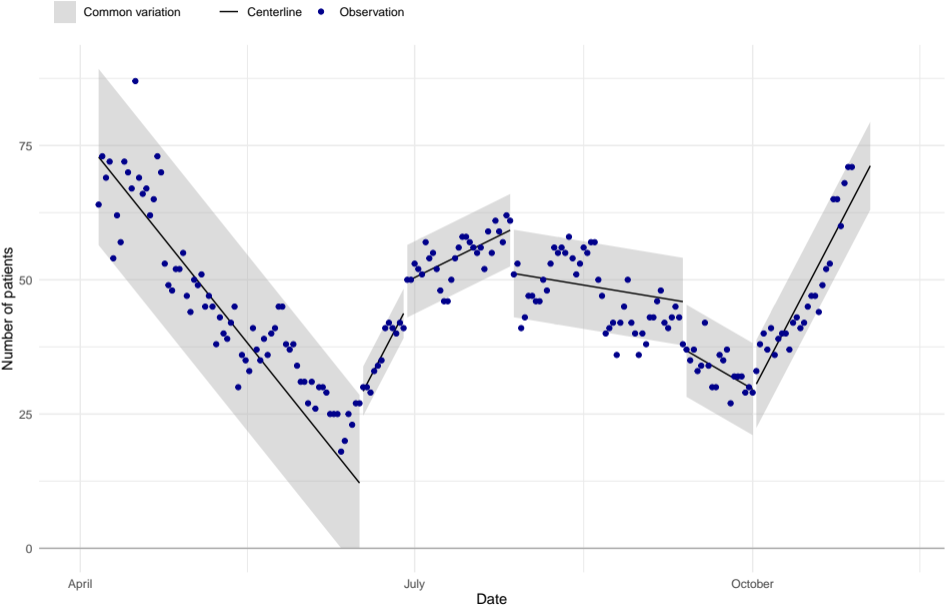
October 28, 2020

Hospital demand

Forecast demand

Mobility

Hospital demand

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

Common variation — Centerline • Observation

Number of patients

75

50

25

0

April　　　　　　　　July　　　　　　　　October

Date

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

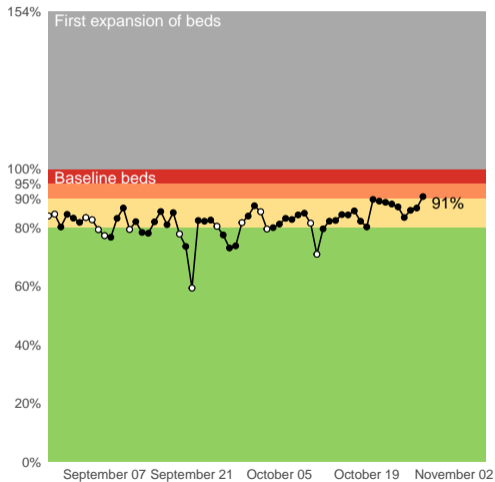Common variation   — Centerline   • Daily number of patients
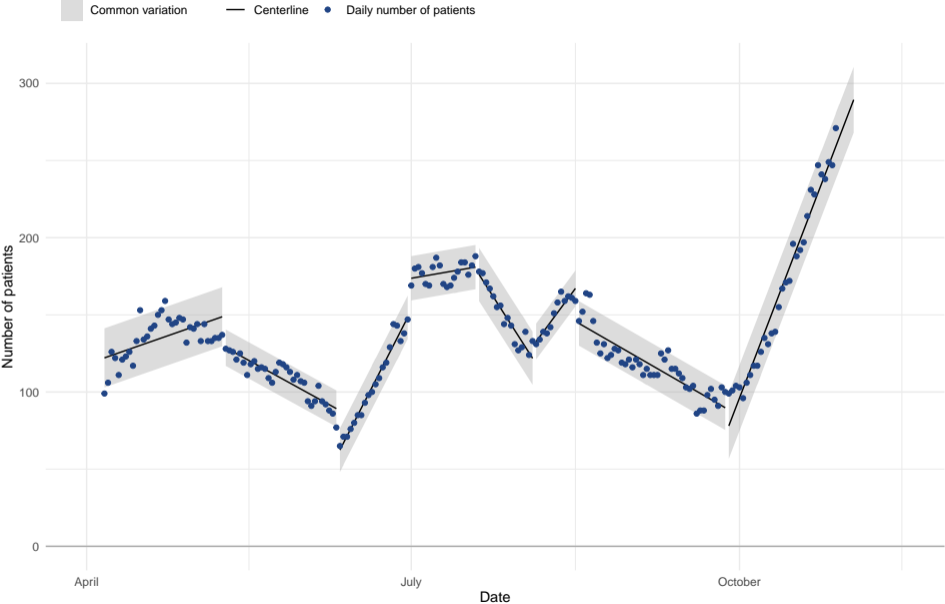
Source: OHA Hospital Resource Tracker on October 28th

Percentage of beds in use in Southwestern Ohio hospitals

Adult medical–surgical beds
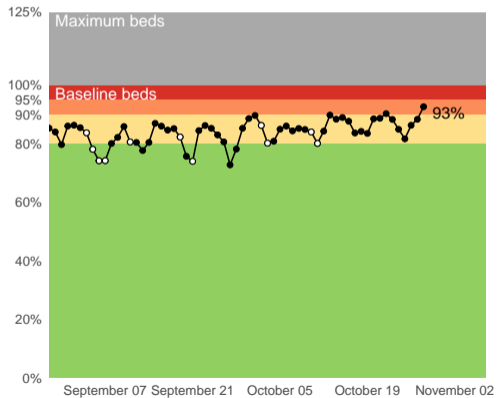
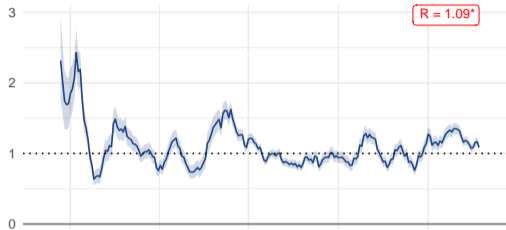## Adult critical care beds

Source: SurgeNet data for Region 6 hospitals at 18:10 on October 28, 2020. Open circle indicates data for less than 90% of beds in SurgeNet.

Forecast demand
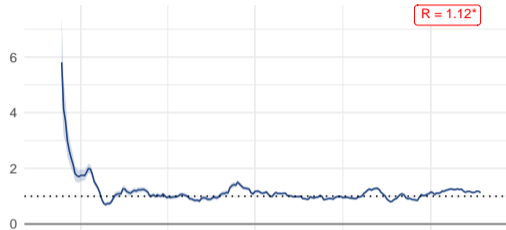
Hamilton County, Ohio

Estimated R

R = 1.09*

Daily incidence and seven day moving average

14 county area

Estimated R

R = 1.12*

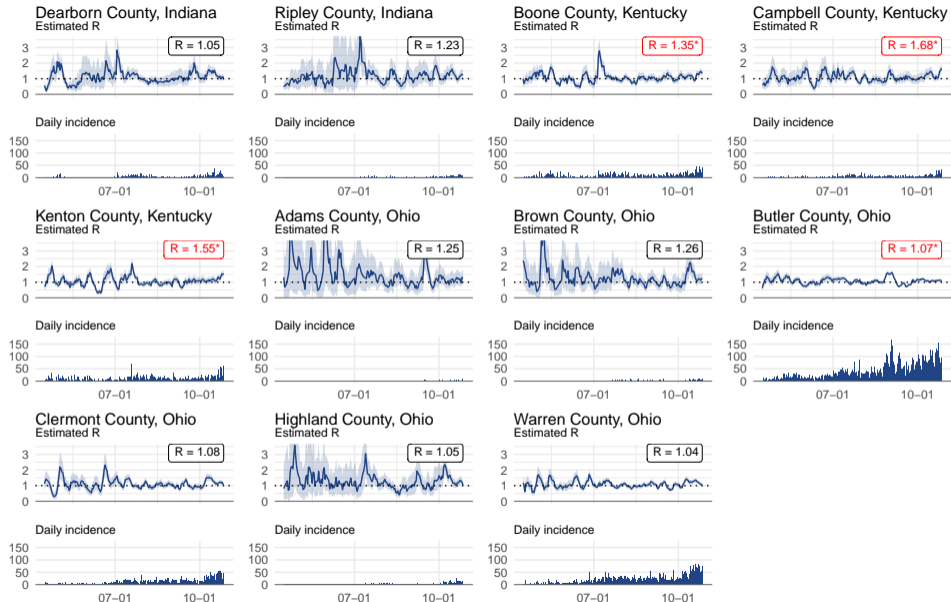### Daily incidence and seven day moving average

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: 2020–10–28. https://www.nytimes.com/interactive/2020/us/coronavirus–us–cases.html
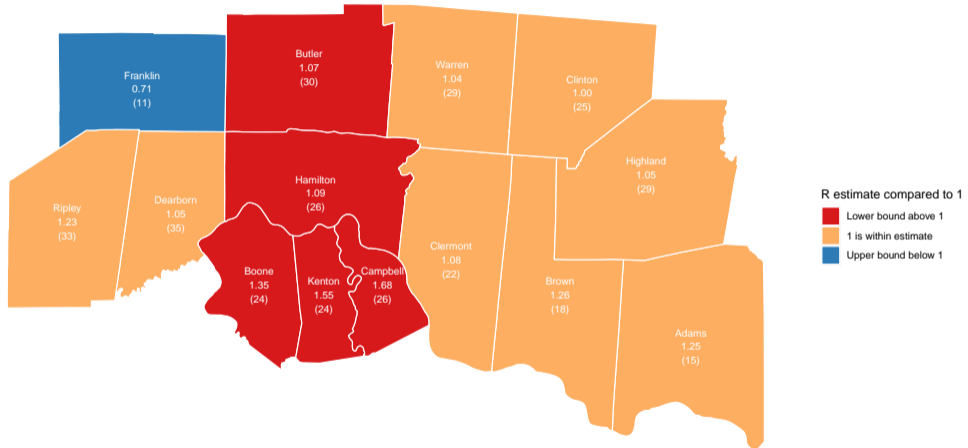
# Counties where the current R estimate is greater than 1

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: 2020-10-28.
https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html

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

Franklin 0.71 (11)

Butler 1.07 (30)

Warren 1.04 (29)

Clinton 1.00 (25)

Ripley 1.23 (33)

Dearborn 1.05 (35)

Hamilton 1.09 (26)

Highland 1.05 (29)

Boone 1.35 (24)

Kenton 1.55 (24)

Campbell 1.68 (26)

Clermont 1.08 (22)

Brown 1.26 (18)

Adams 1.25 (15)

R estimate compared to 1

Lower bound above 1

1 is within estimate

Upper bound below 1

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.
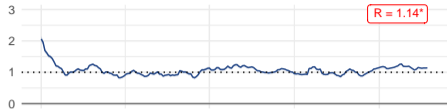https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html Pulled: 2020-10-28

Ohio
Estimated R

R = 1.15*
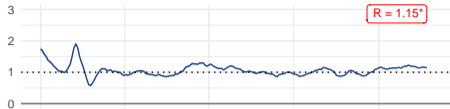
Daily incidence and seven day moving average

Indiana
Estimated R

R = 1.14*

Daily incidence and seven day moving average

Kentucky
Estimated R

R = 1.20*

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: 2020-10-28.
https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html

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

Percentage of test results returned positive in 14 county region
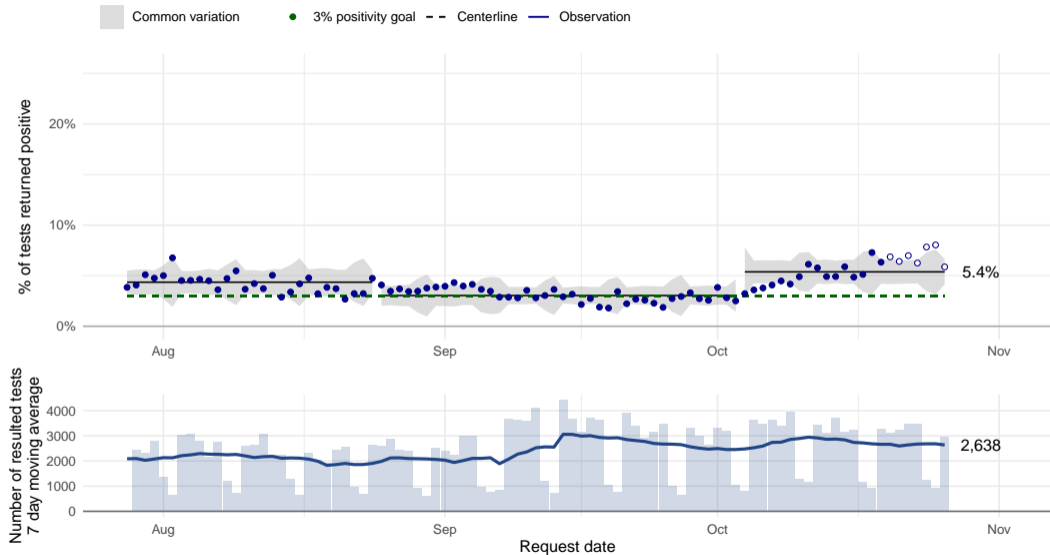
Open circles indicate points highly subject to change
Source: The Health Collaborative data as of 10/28/2020.

Seven day moving average of new Covid cases per 100,000 people in each county
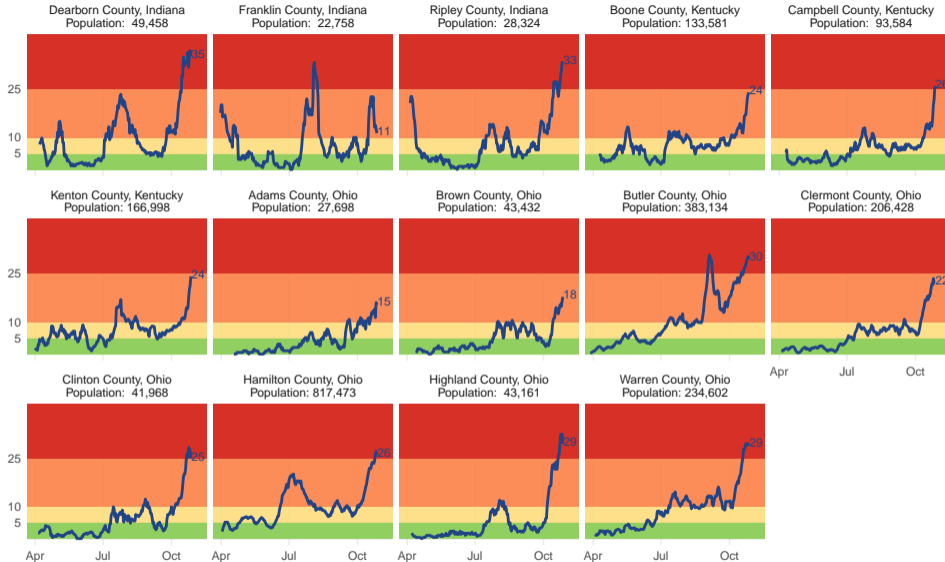
Levels are those suggested by Massachusetts Testing, Tracing, and Supported Isolation collaborative, information can be found here:
https://ethics.harvard.edu/ttsi-technical-handbook.
Per local leadership, the lowest threshold for our region is being set at 5 cases per 100,000
Data from The New York Times, based on reports from state and local health agencies.
https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html Pulled: 2020-10-28

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
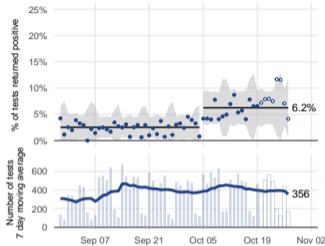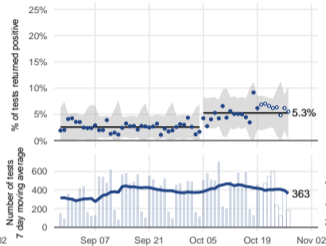## 18–24
25–29
30–39
40–49
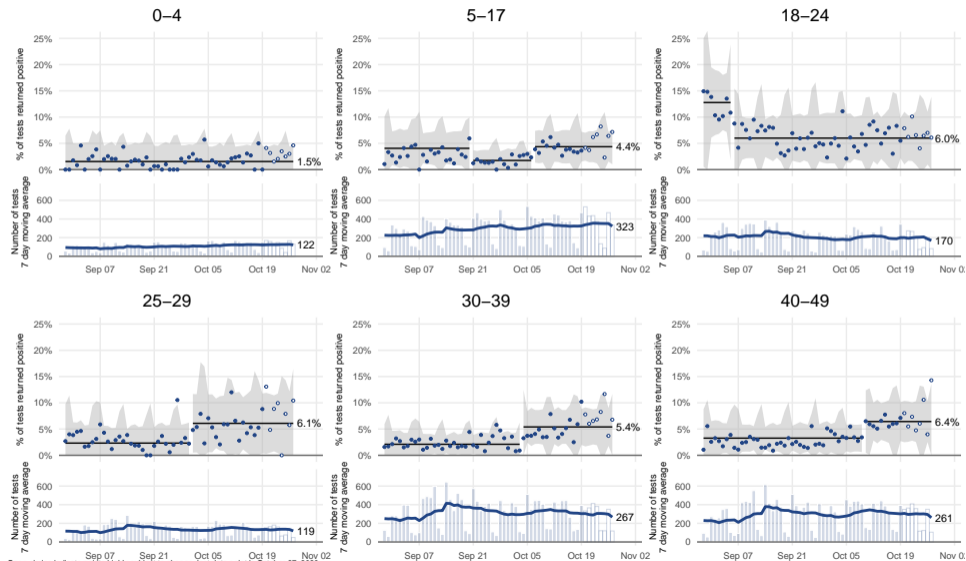
Open circles indicate points highly subject to change, last data point is October 27, 2020
Source: The Health Collaborative data as of 10/28/2020.

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

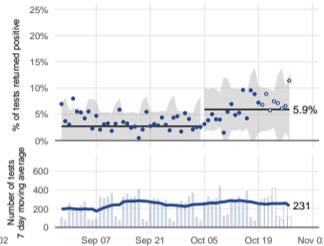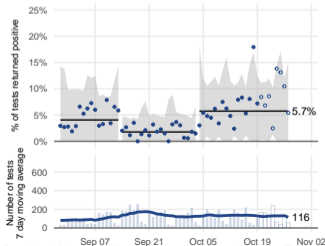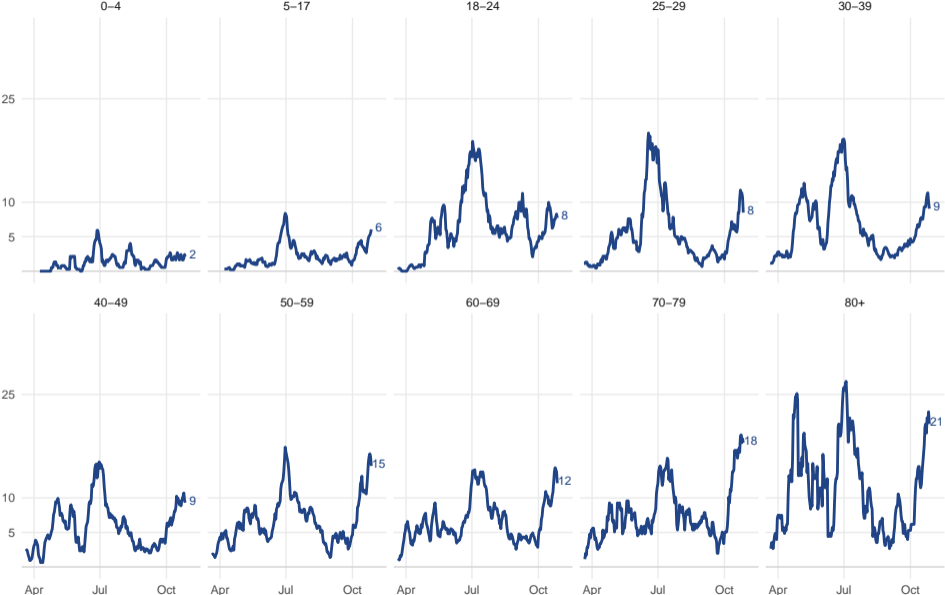Common variation   • % of test returned positive   — Centerline

Open circles indicate points highly subject to change, last data point is October 27, 2020
Source: The Health Collaborative data as of 10/28/2020.

Seven day moving average of new Covid−19 positive tests per 100,000 by age group in Hamilton County

Mobility

Percentage change in weekday mobility in Hamilton County