

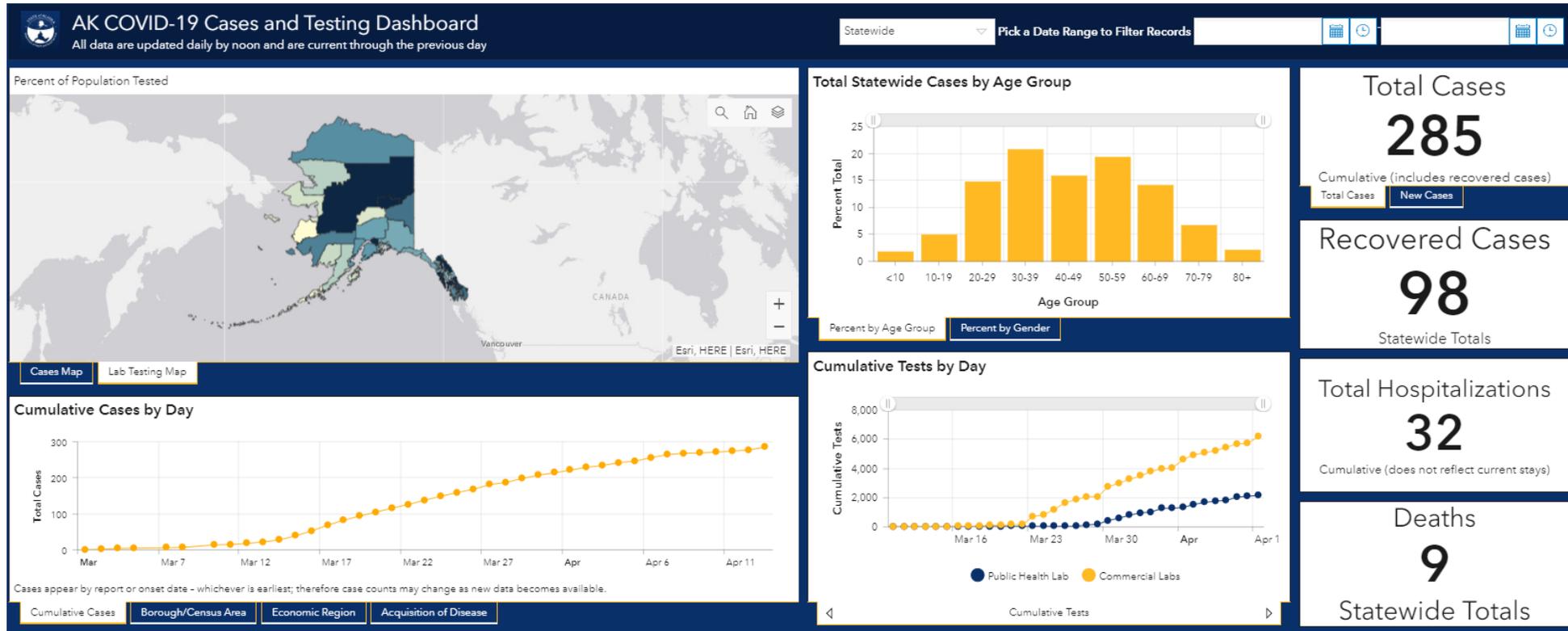
# Alaska COVID-19

**Dr. Anne Zink, Alaska's Chief Medical Officer**  
**April 14, 2020**

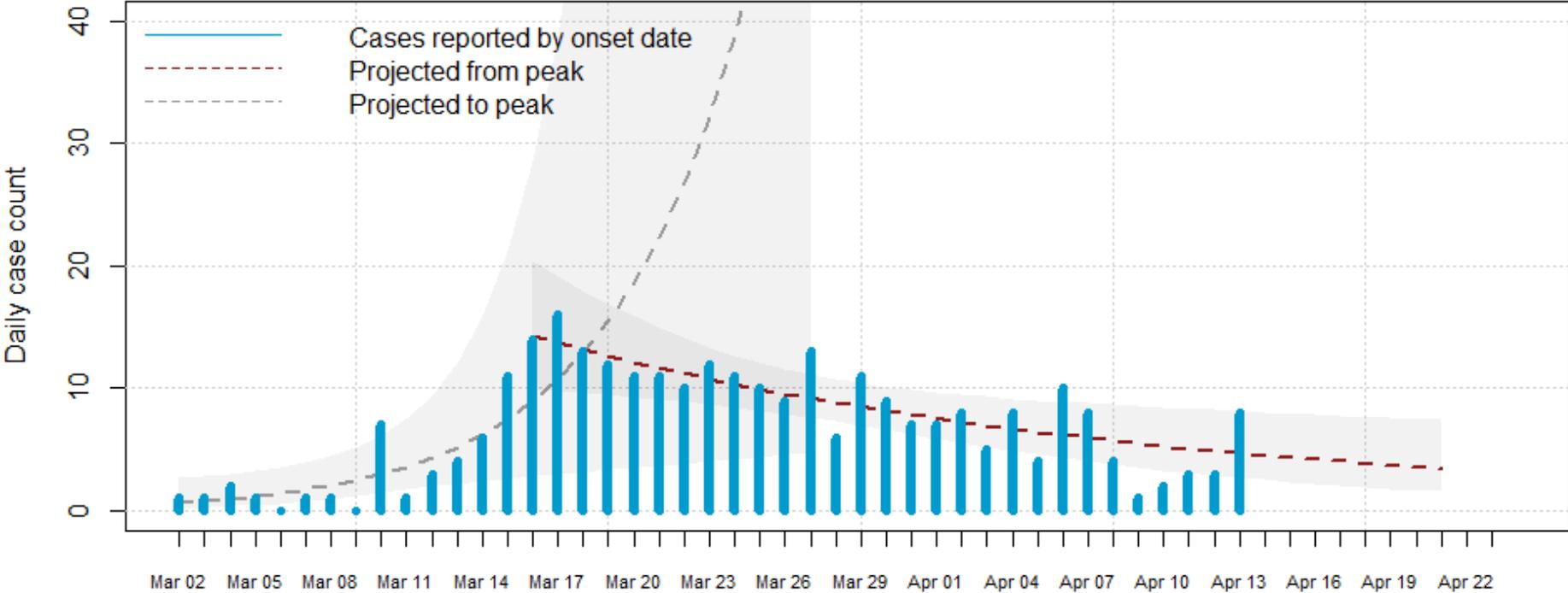


# Updates on the COVID-19 Dashboard, 4/14

- 8 new cases reported 4/13/2020
- 13 additional recovered cases
- 1 additional death
- No new hospitalizations
- 8,348 cumulative tests
- 3.4% of tests were positive



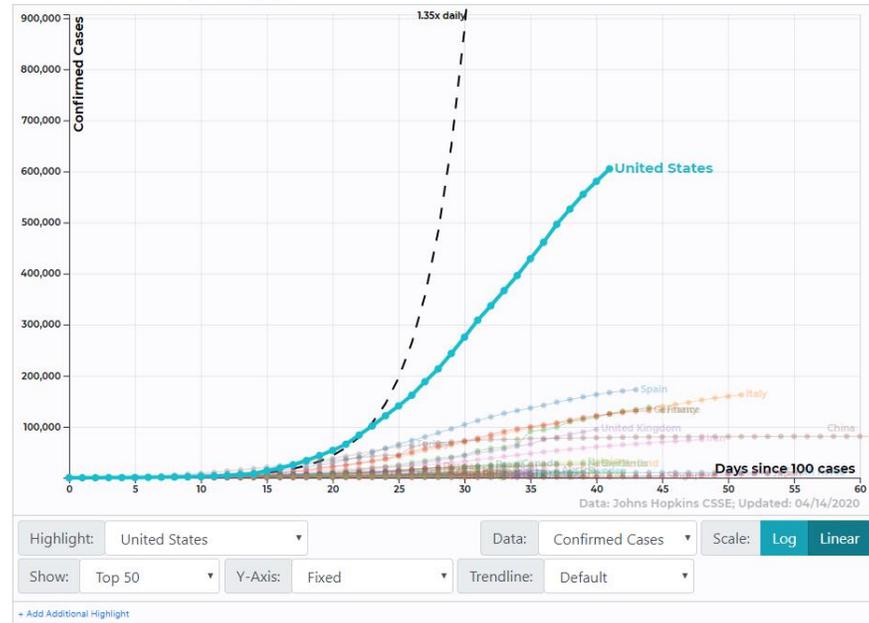
# Epidemiological curve with 10-day trajectory



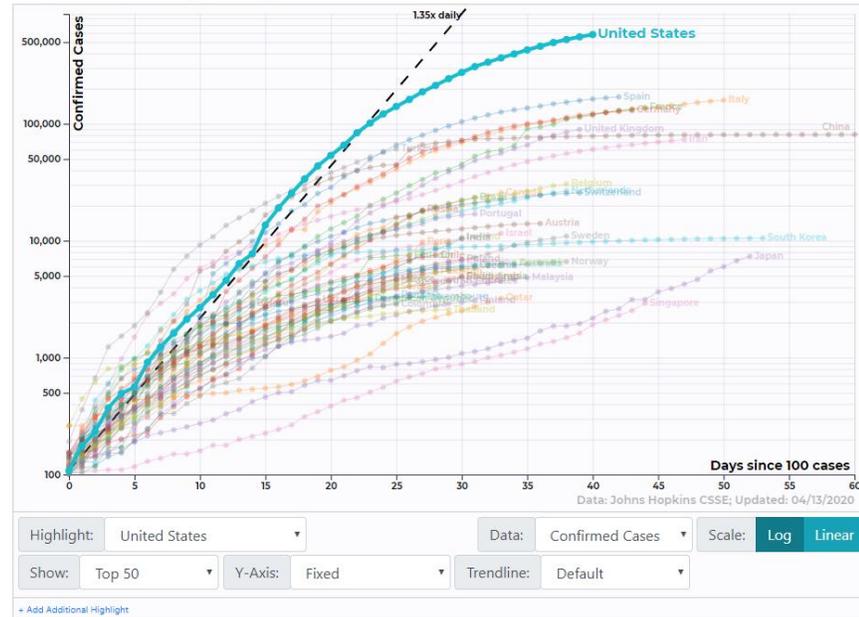
model:  $\ln(\text{log}(\text{counts}) \sim \text{time})$  and 99% Confidence Bands

# Logarithmic vs. linear

COVID-19 Cases by Country



COVID-19 Cases by Country

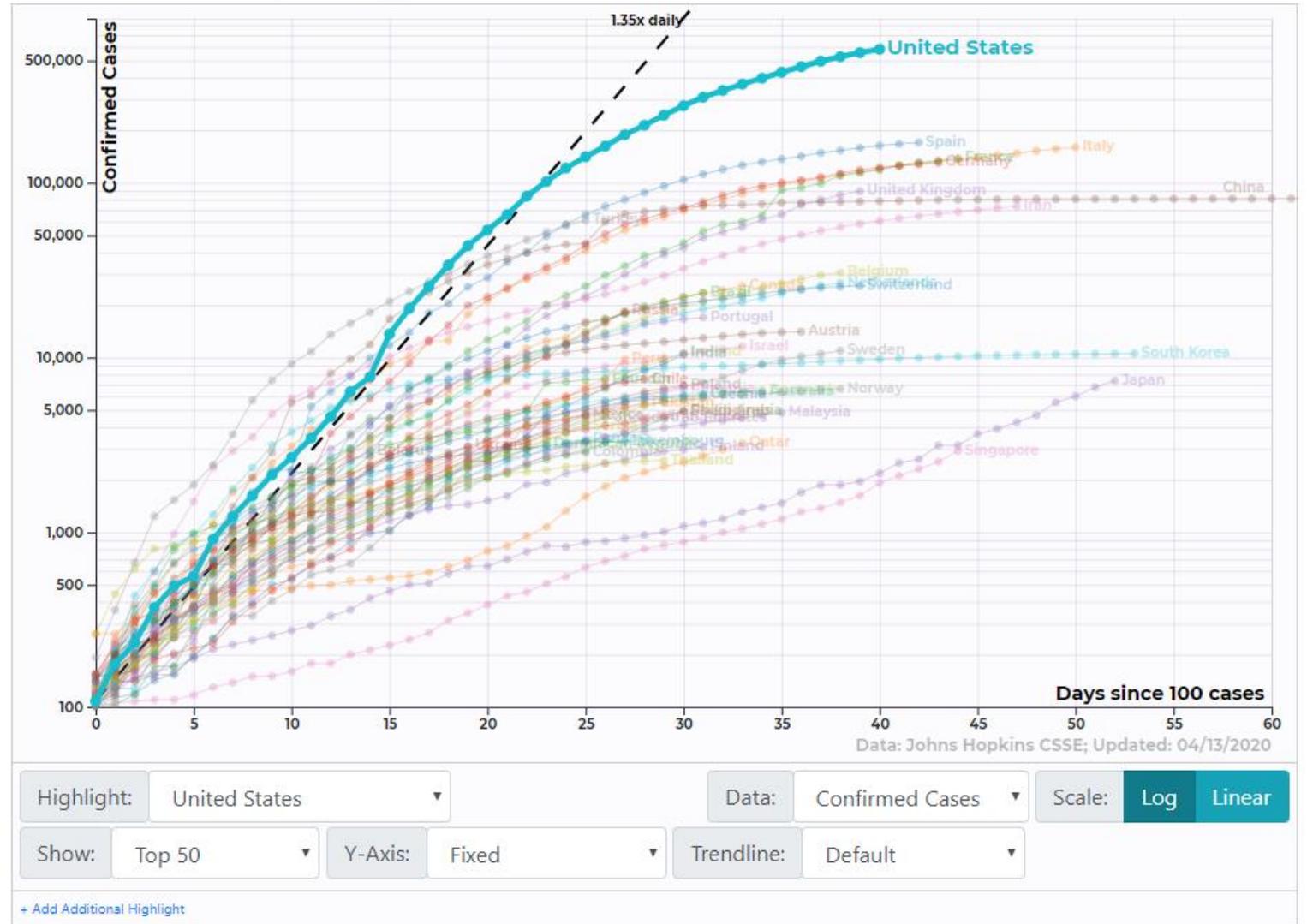


There are two different ways to view the exact same data:

- The **logarithmic scale** shows a great comparison of the magnitude of growth between countries, but less of the human impact.
- The **linear scale** shows the real human impact -- a growth twice the size is twice the number of real people infected.

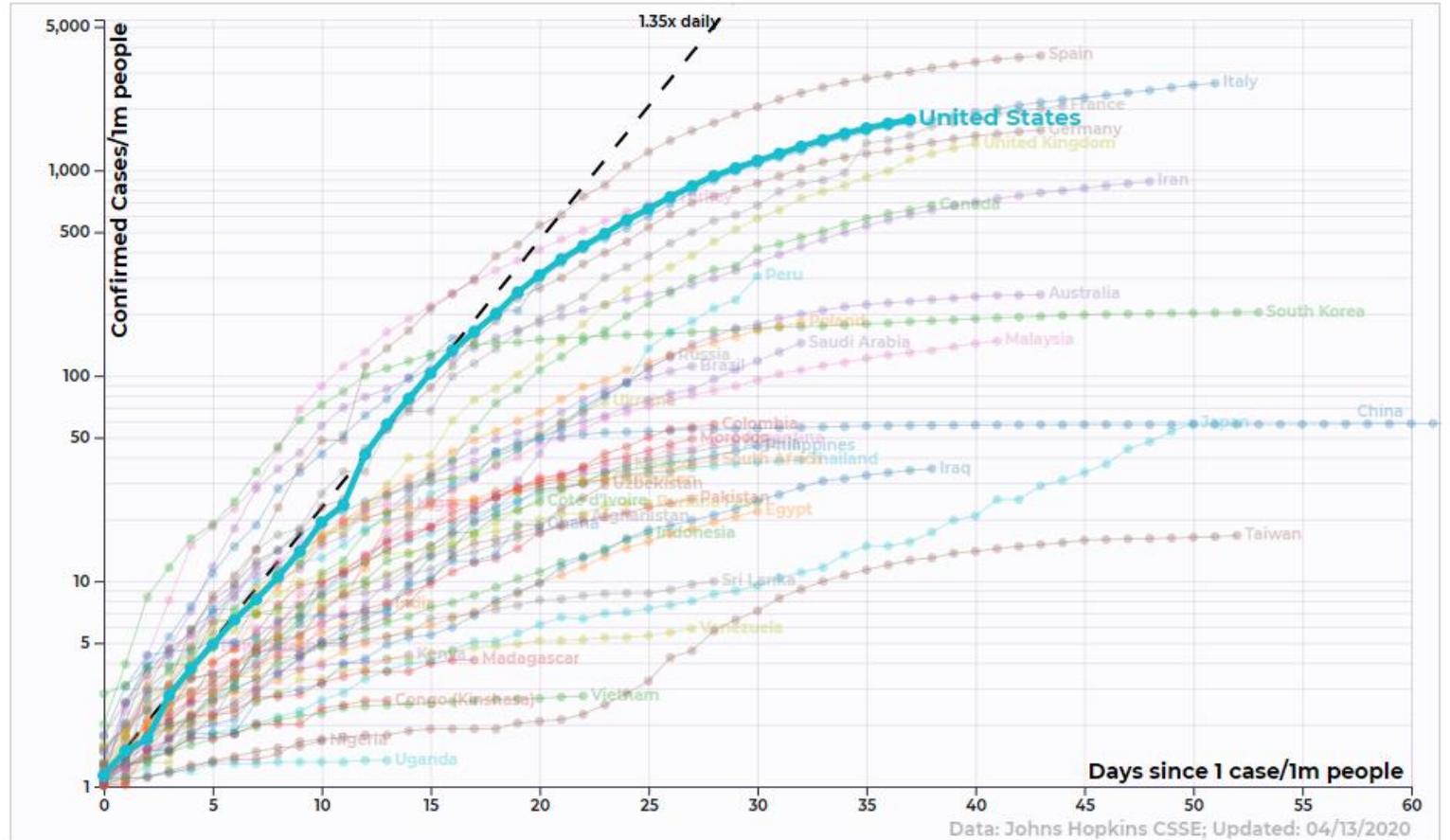
# Country cases, not adjusted for population

## COVID-19 Cases by Country



# Country cases, adjusted for population

COVID-19 Cases by Country, normalized by country population



Data: Johns Hopkins CSSE; Updated: 04/13/2020

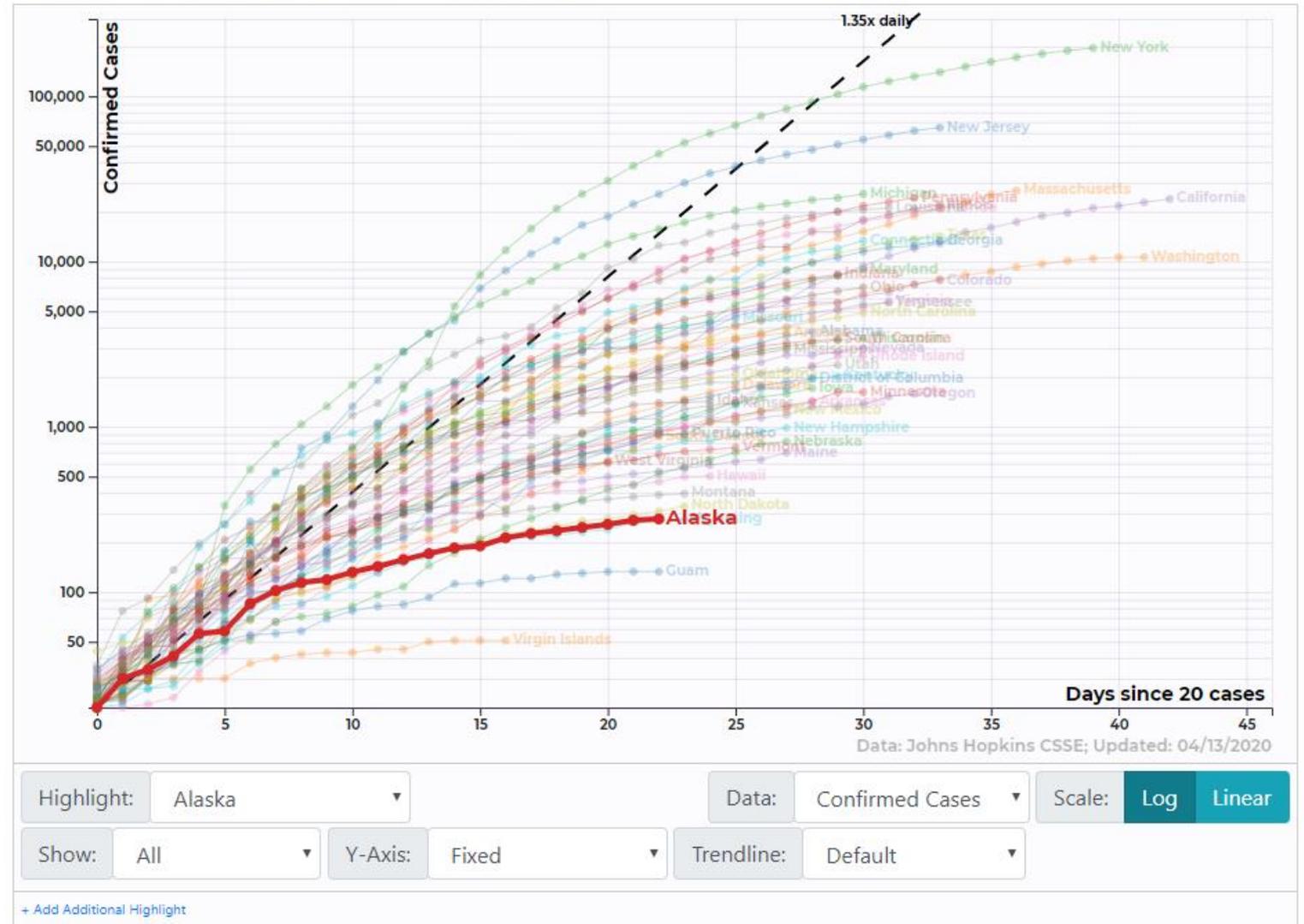
Highlight: United States | Data: Confirmed Cases | Scale: Log | Linear

Show: Top 50 | Y-Axis: Fixed | Trendline: Default

+ Add Additional Highlight

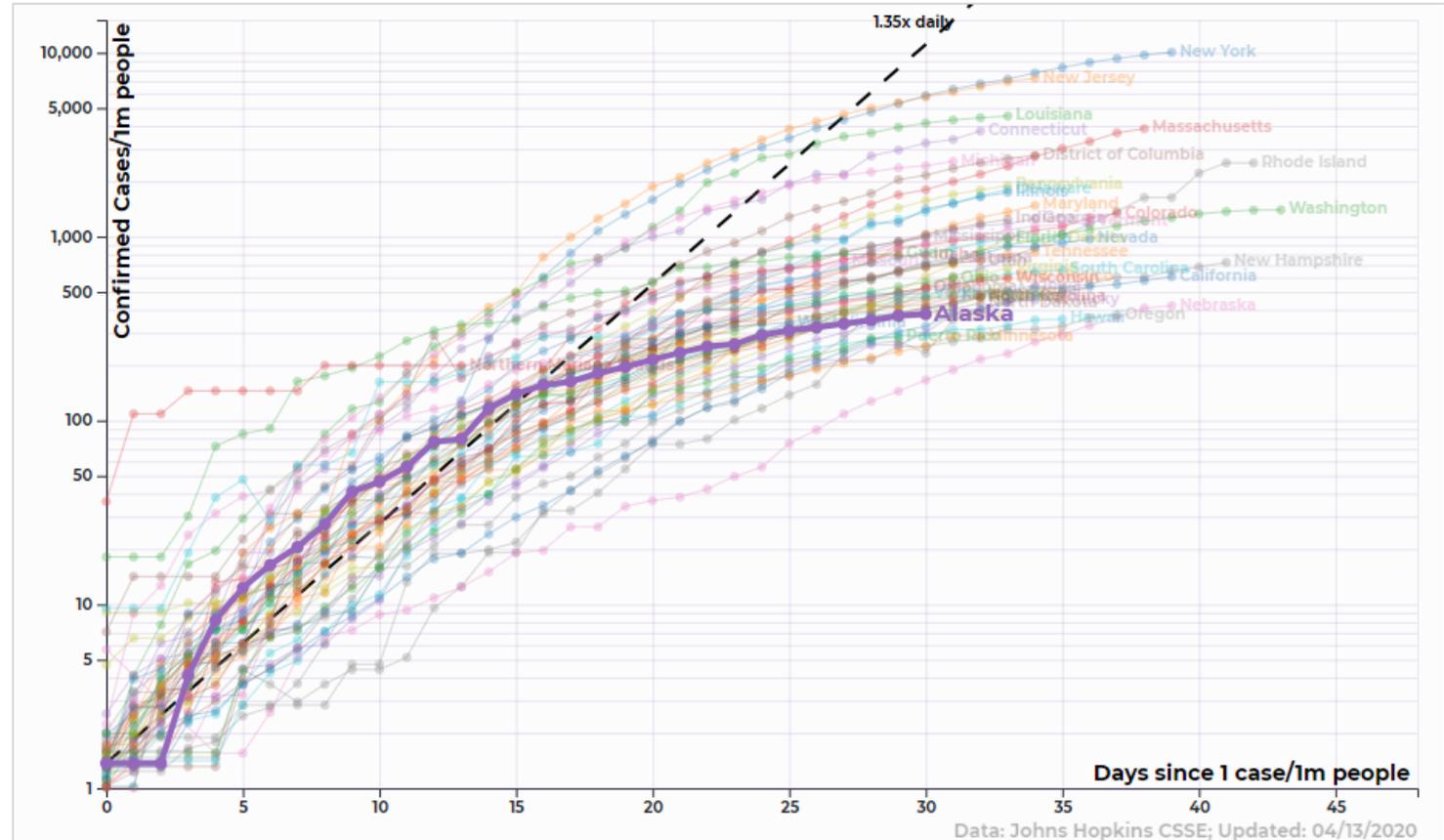
# Cases by U.S. States/Territories, not adjusted for population

COVID-19 Cases by US States/Territories



# Cases by U.S. States/Territories, adjusted for population

COVID-19 Cases by US States/Territories, normalized by population



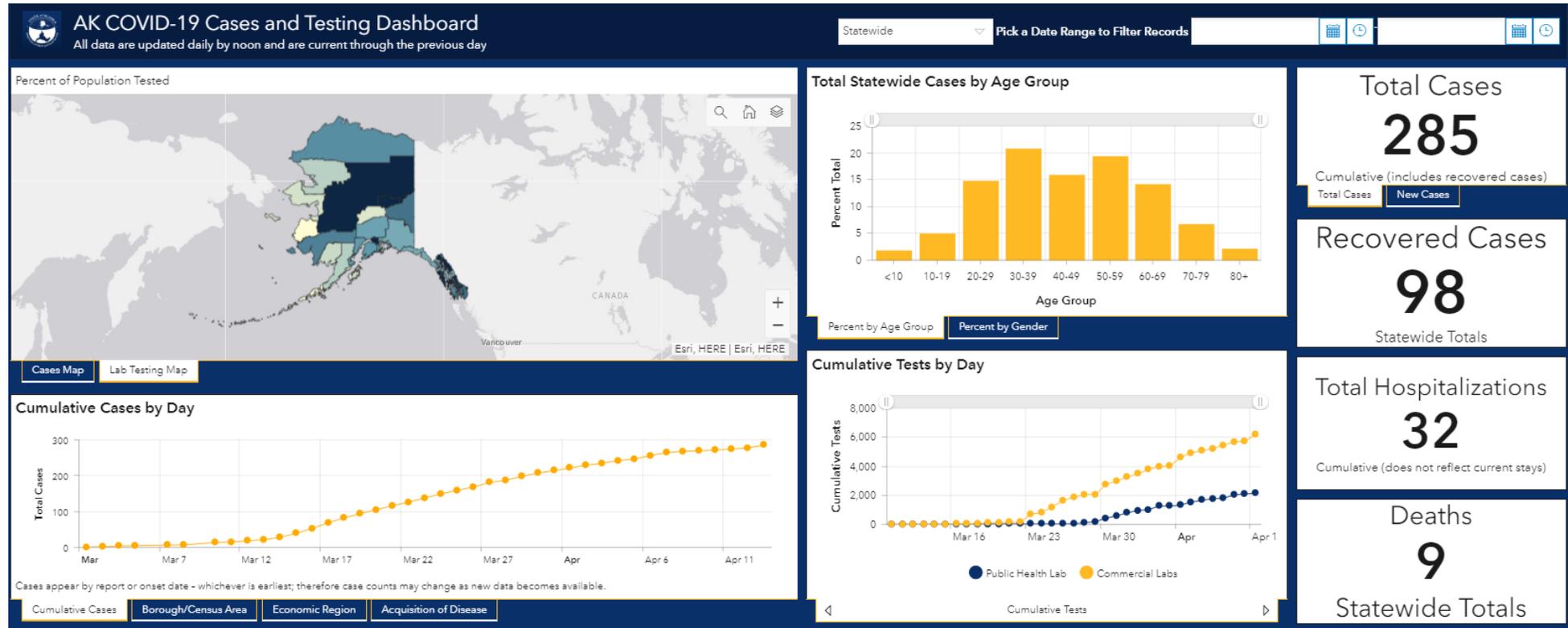
Highlight:  Data:  Scale:

Show:  Y-Axis:  Trendline:

[+ Add Additional Highlight](#)

# Updates on the COVID-19 Dashboard, 4/14

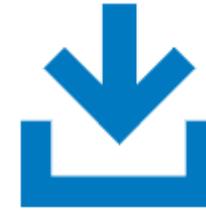
- 8 new cases reported 4/13/2020
- 13 additional recovered cases
- 1 additional death
- No new hospitalizations



# Updates on the COVID-19 Dashboard, 4/14

Raw data downloads now include:

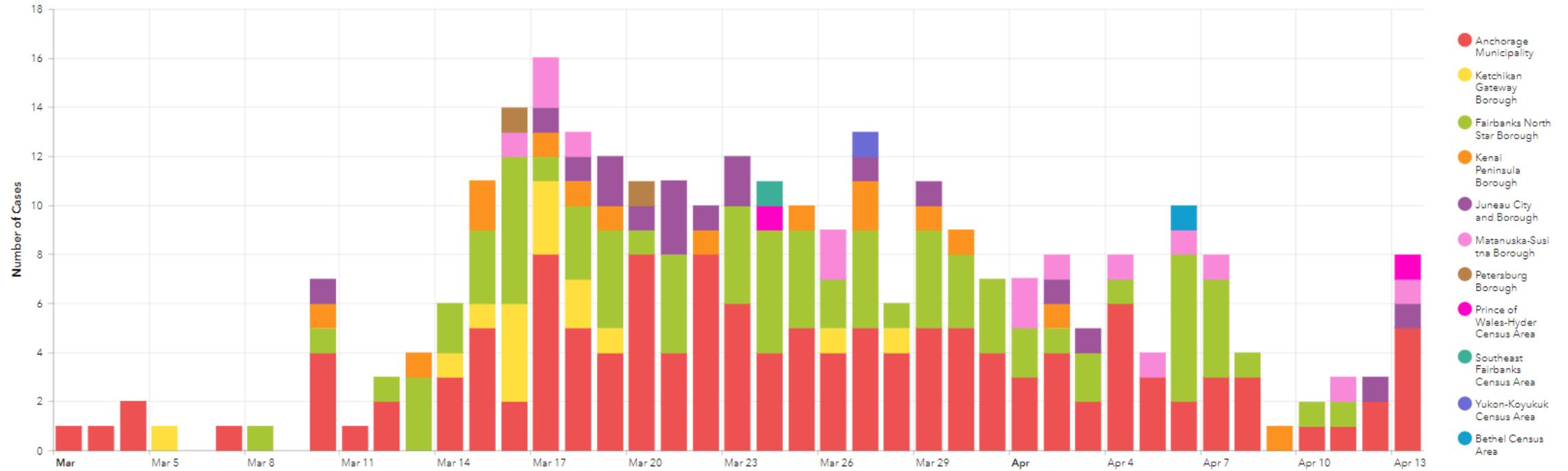
- Race and ethnicity summary data
- Hospital and facility-based testing summary data
- Visuals will be added to the dashboard by Thursday.



[Click here to access raw data.](#)

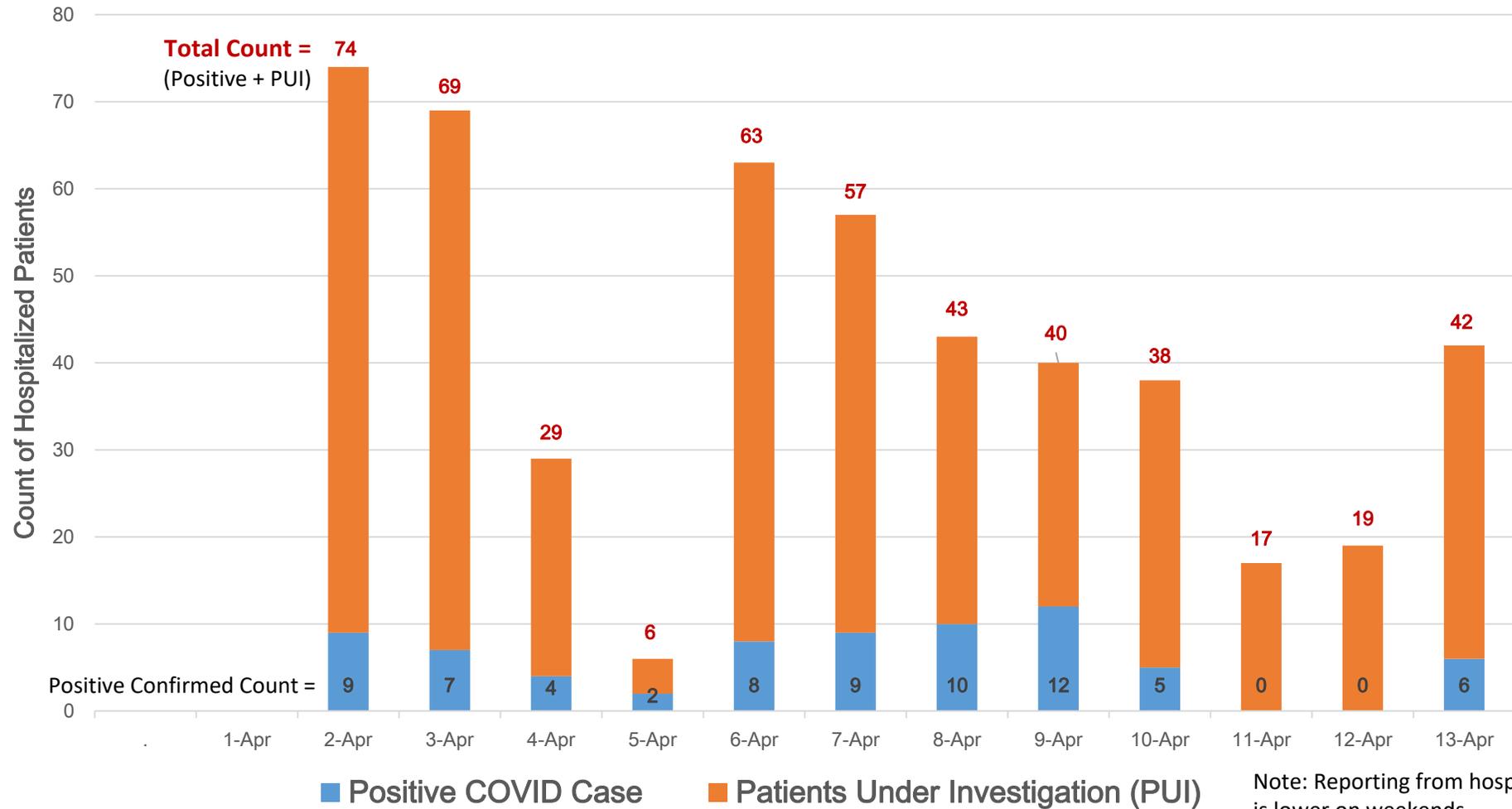
# Confirmed cases by borough/ census area

Laboratory Confirmed Cases of COVID-19



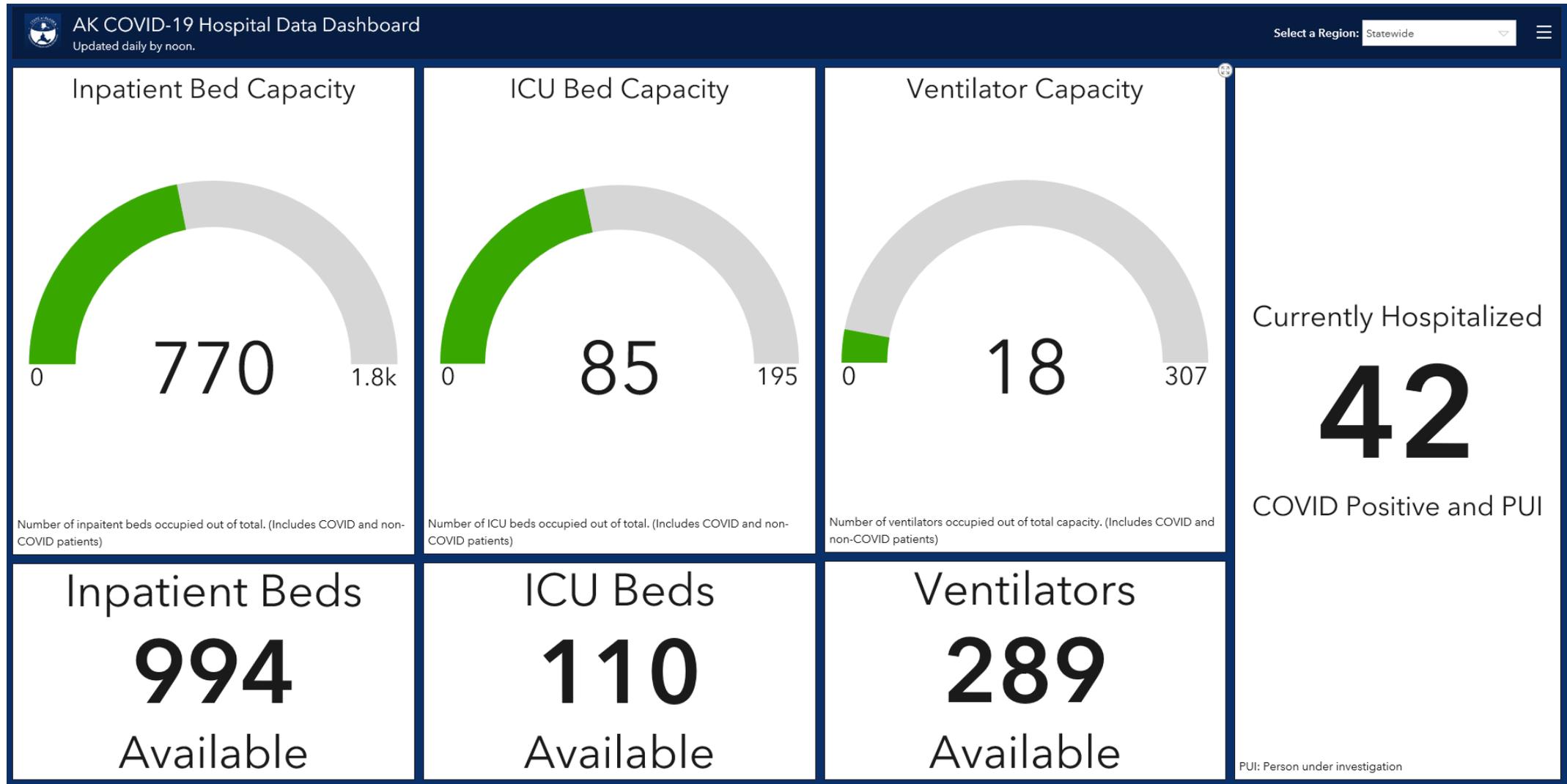
Cases appear by report or onset date - whichever is earliest; therefore case counts may change as new data becomes available.

# COVID19-Related Hospitalizations by Date

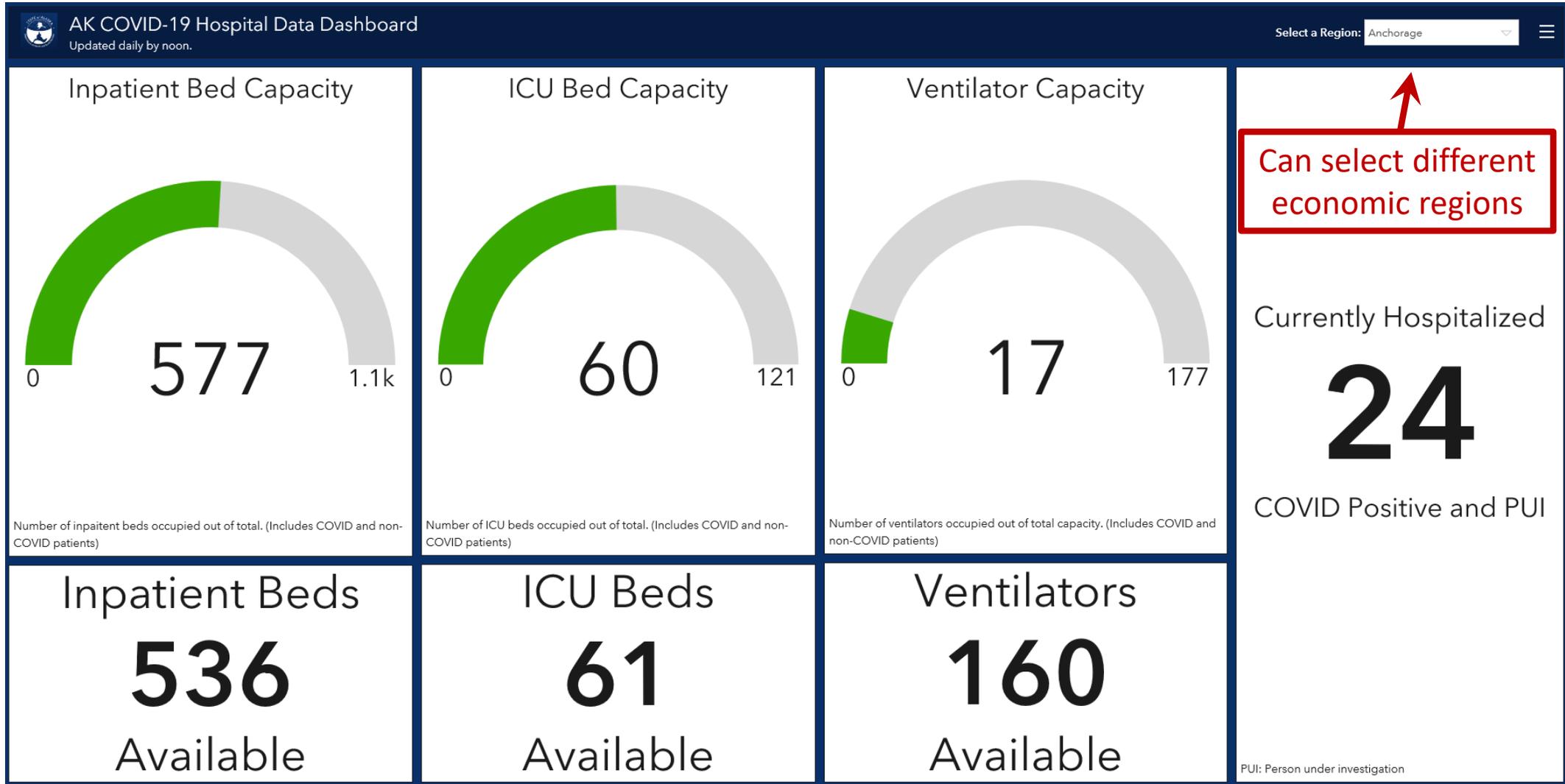


Note: Reporting from hospitals is lower on weekends.

# Preview of the Hospital Report Dashboard, 4/14



# Preview of the Hospital Report Dashboard, 4/14



# Box in the Virus

