Data Briefing

MAY 4, 2020

Our Goals

- Outline the scope and limitations of epidemiological data

- Review metrics that help us measure disease burden, disease severity, and Virginia's capacity to respond

- Highlight upcoming changes to VDH website

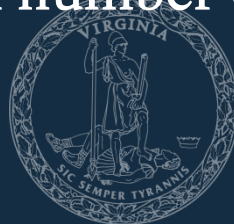- Policy interpretations of this data: 2pm

Epidemiology vs. Daily Reporting

- Different goals

- Daily numbers vs. trends

- Delays due to disease timeline and human reporting

Important Definitions

- **CONFIRMED CASE:** A person with a positive PCR test.

- **POSITIVE TEST:** A positive lab result per one person, per day. Note that the number of positive tests on a given day will not directly equal the number of confirmed cases. This is because a person who has already been confirmed may receive a new positive test on a different day.

- **EPIDEMIC CURVE:** Description of the spread of the disease by onset of illness for each person.

- **UNIQUE PEOPLE TESTED:** Total number of Virginians who have been tested for COVID-19.
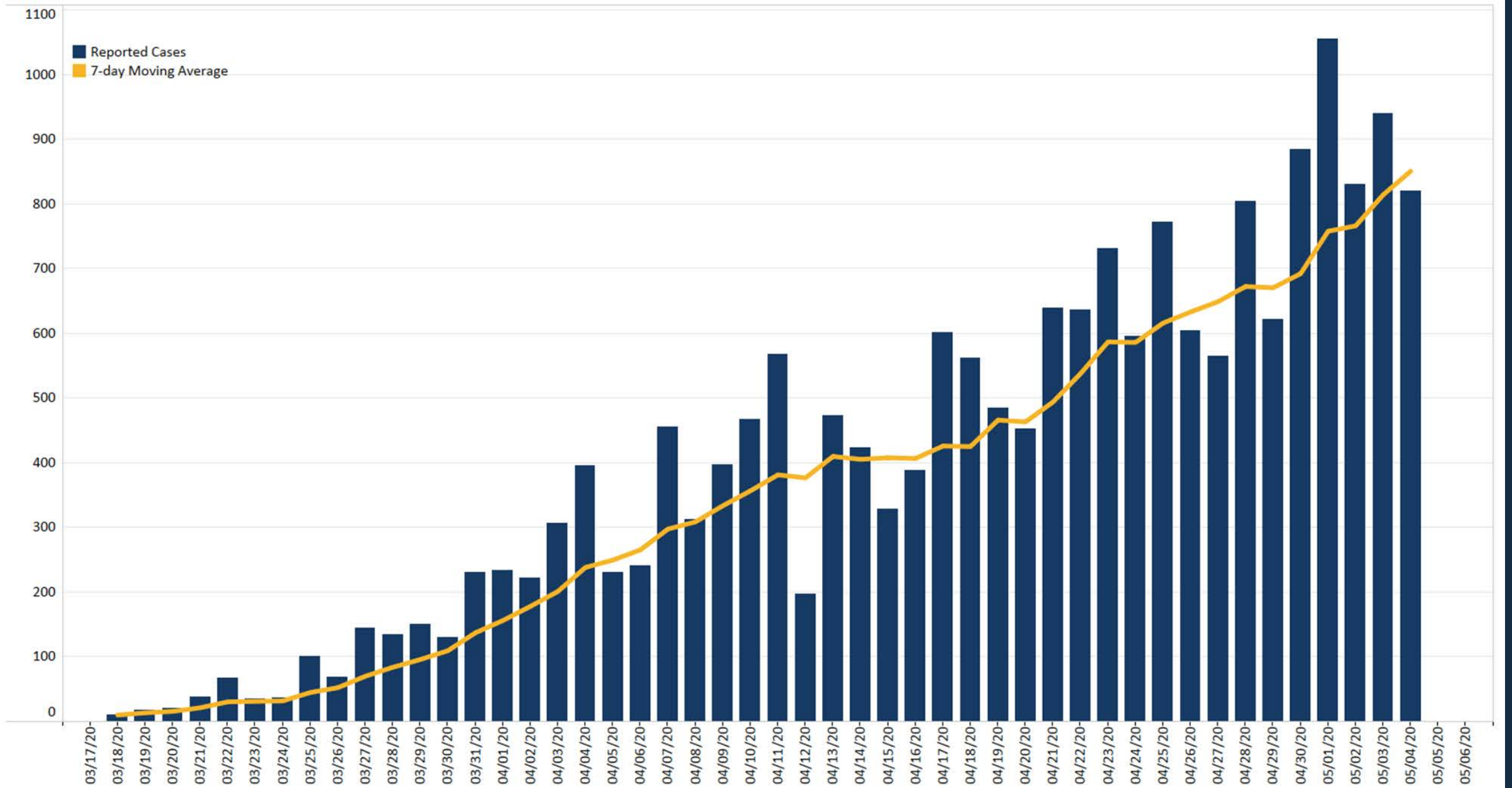
Data Limitations

- No one dataset can show us a completely accurate and current picture of the disease and our ability to respond

- Instead, we rely on a variety of indicators that tell us how the disease is spreading, how severe it is, and our capacity to react accordingly
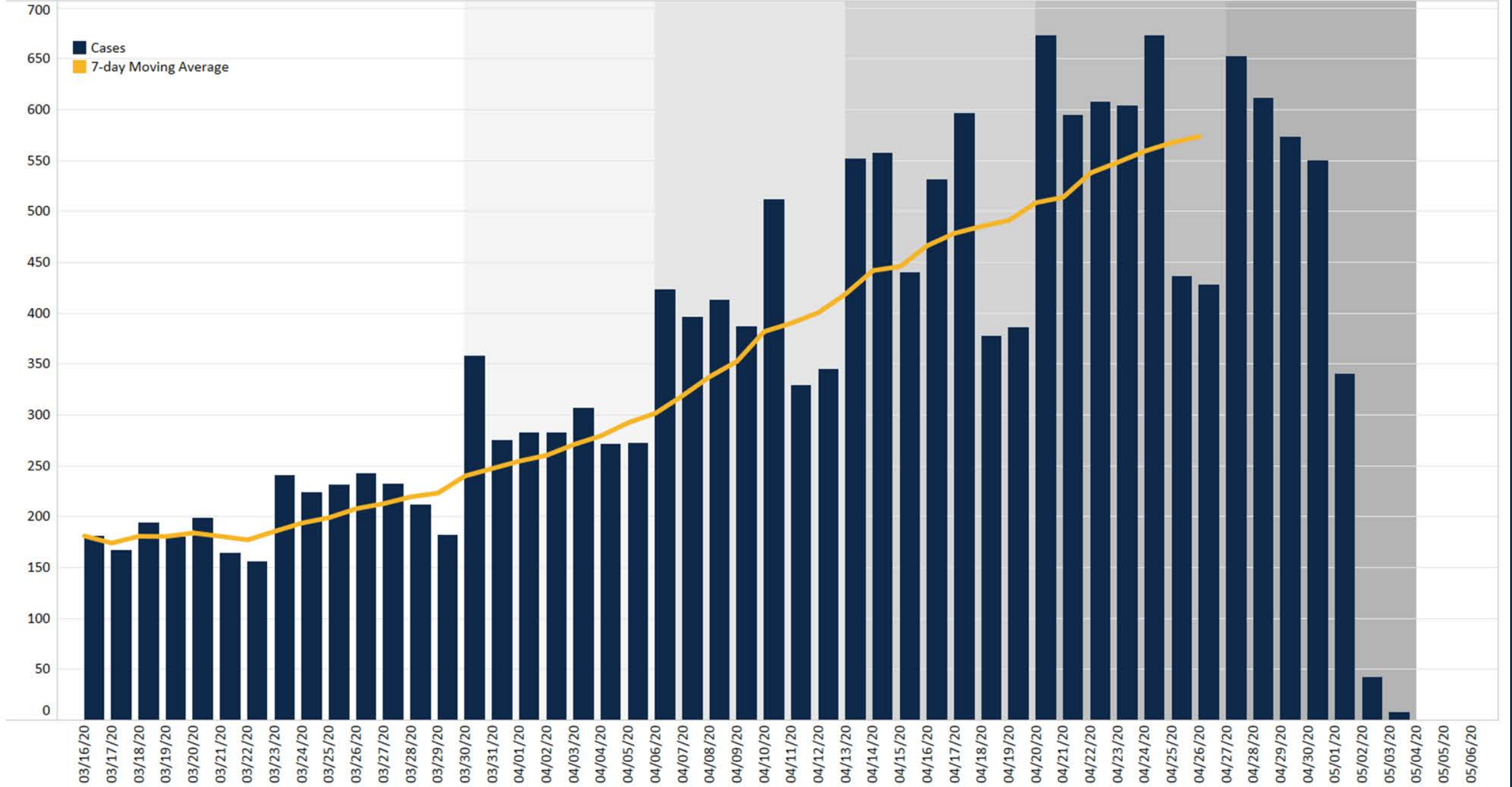
Better Understanding COVID-19
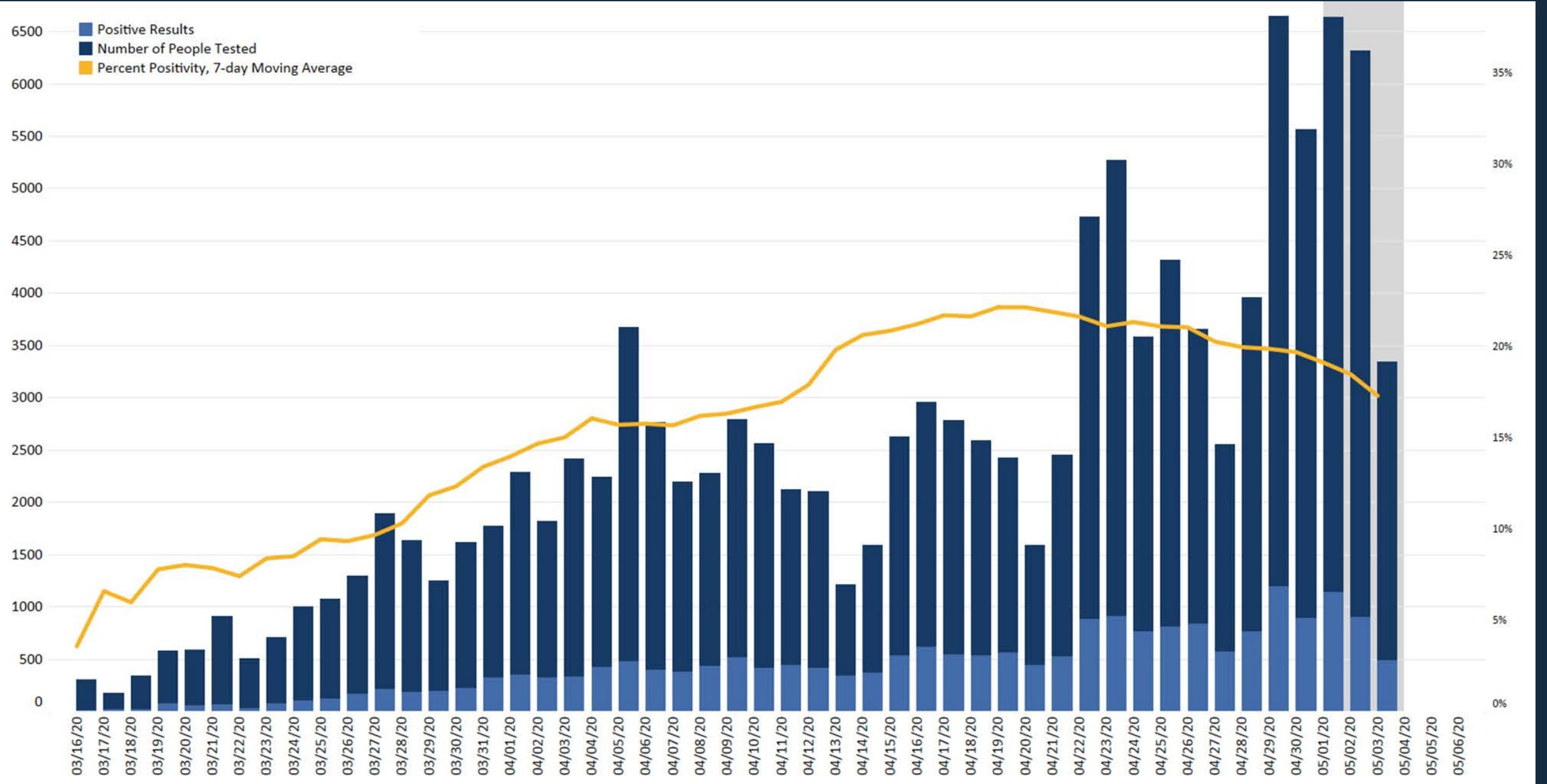
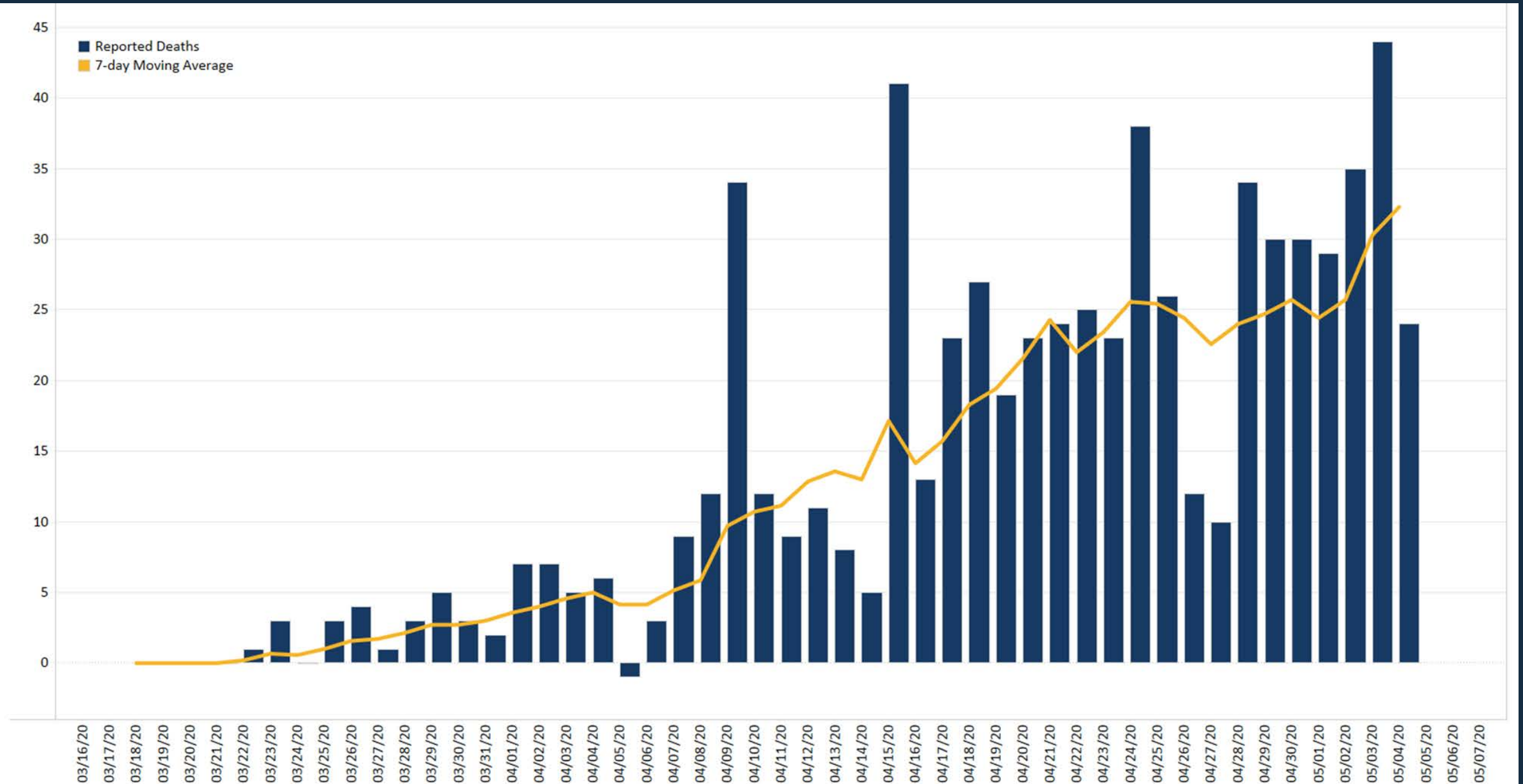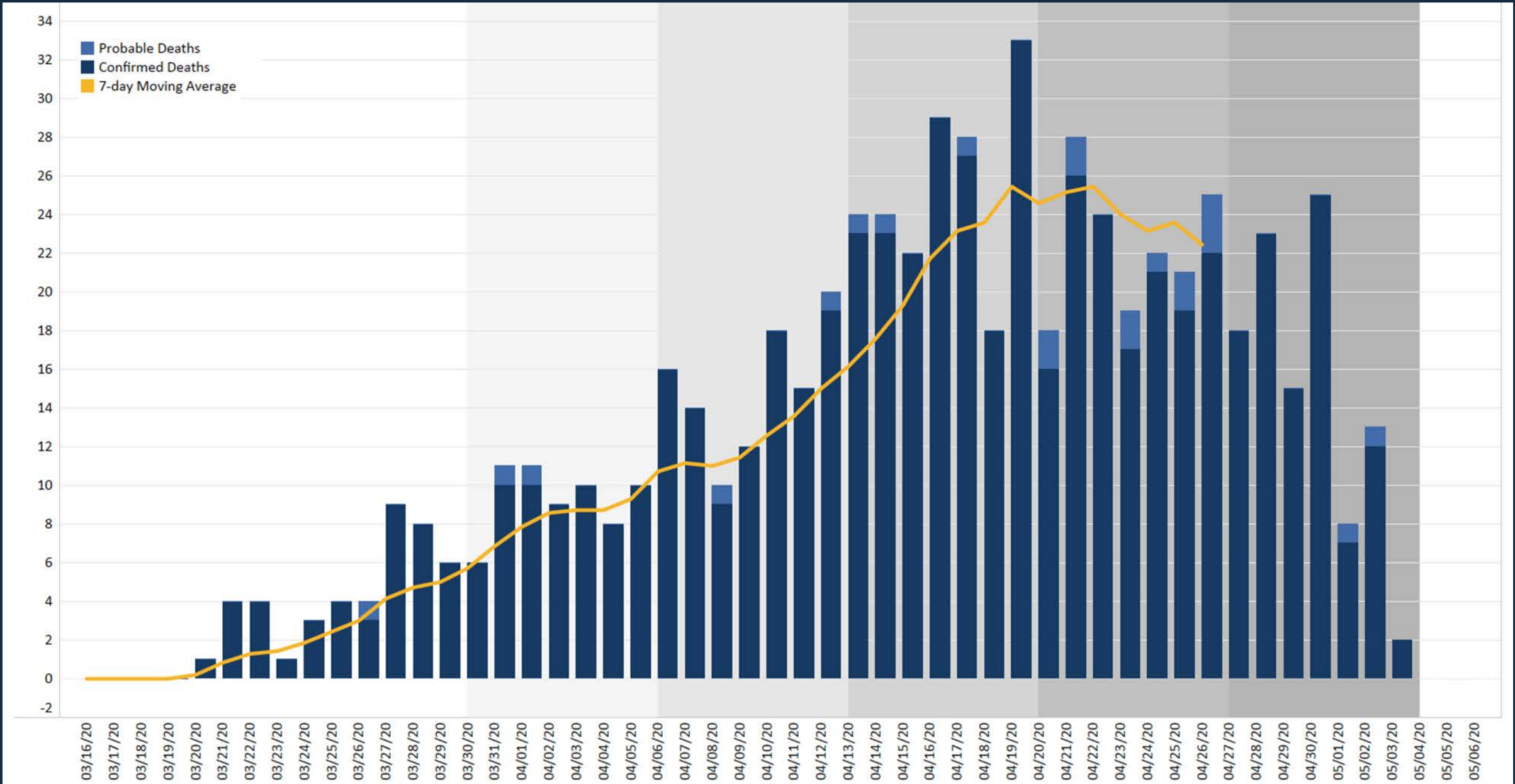# Cases by Date Reported

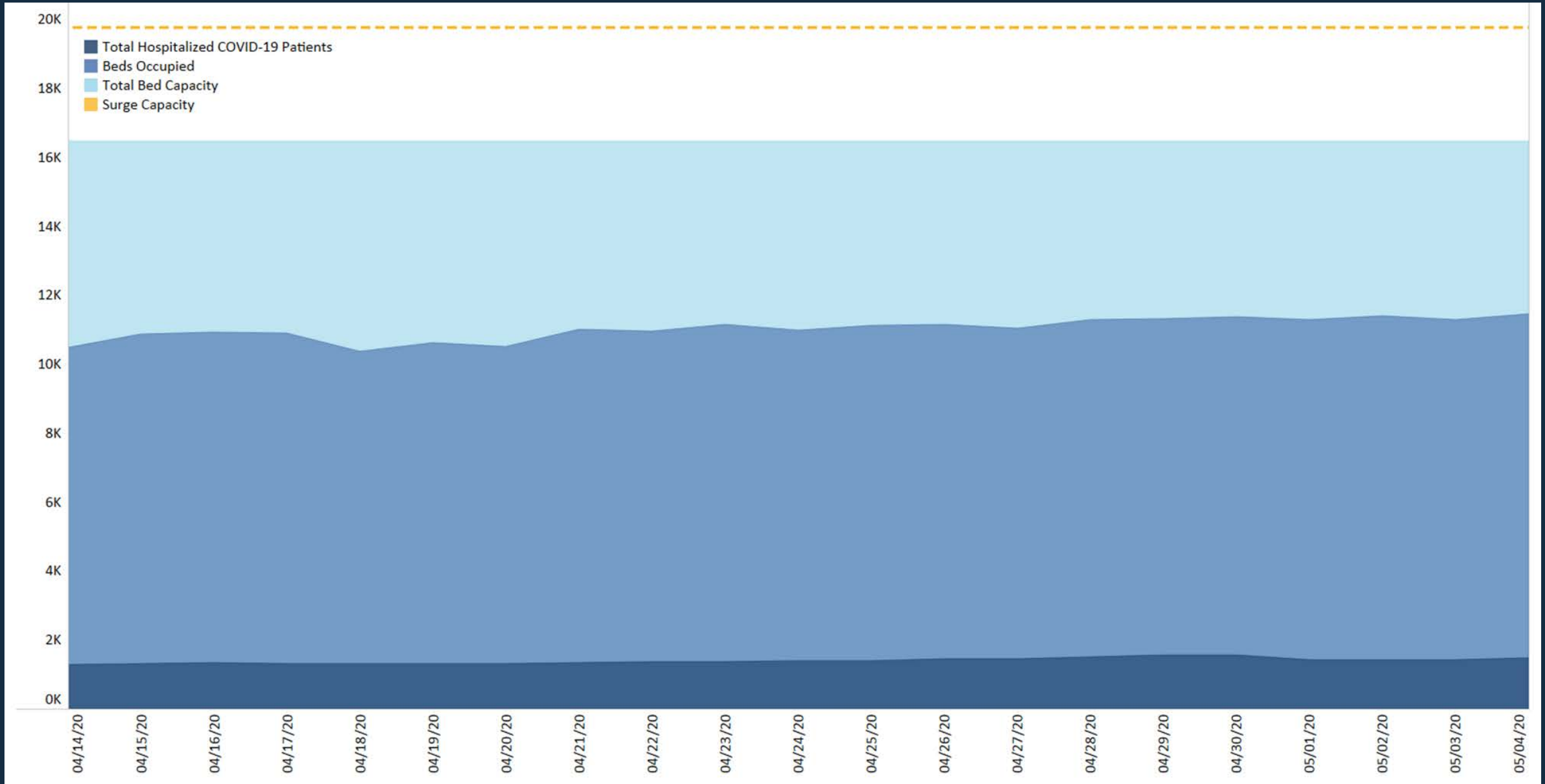# Cases by Onset of Illness

Positive Tests

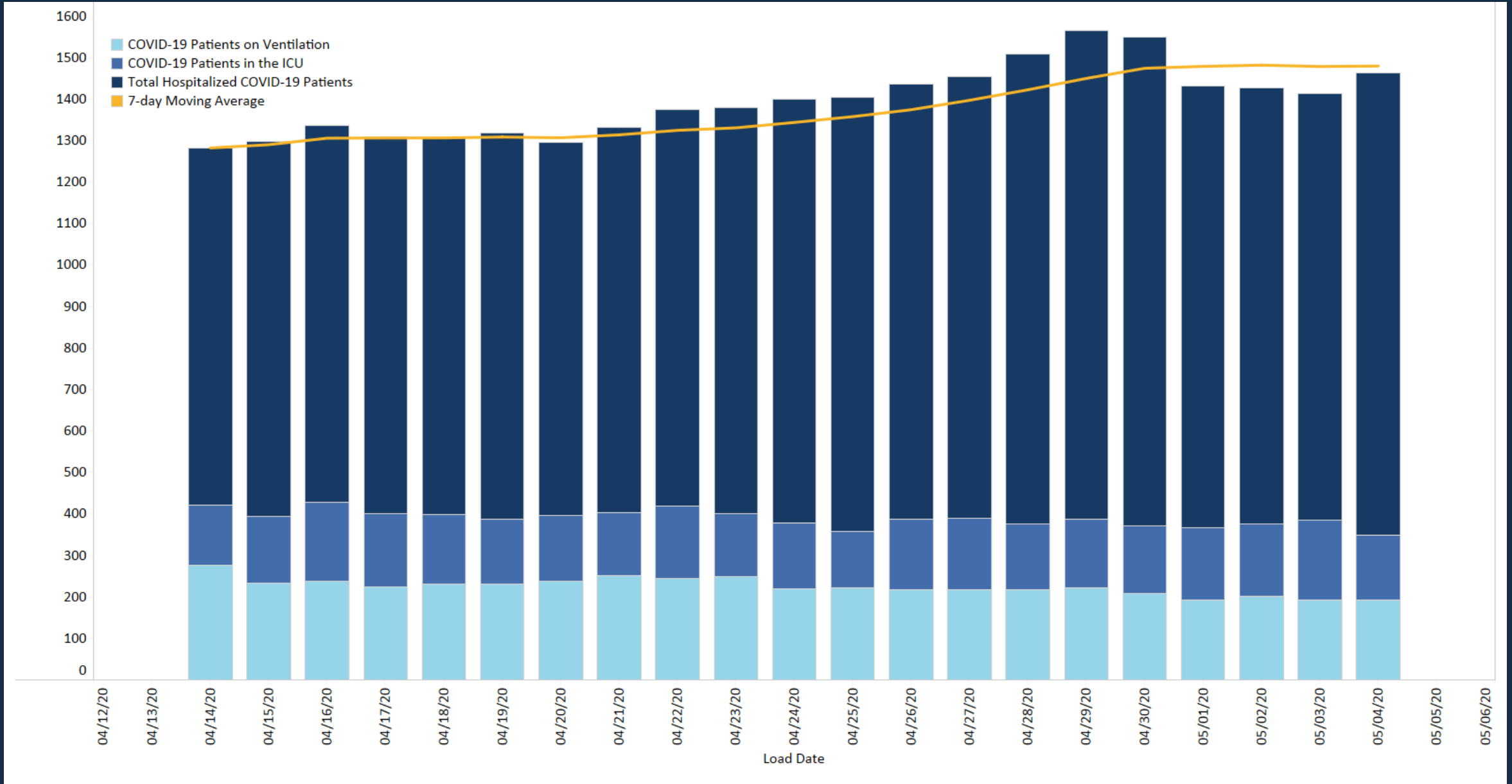Deaths from COVID-19, by Date Reported

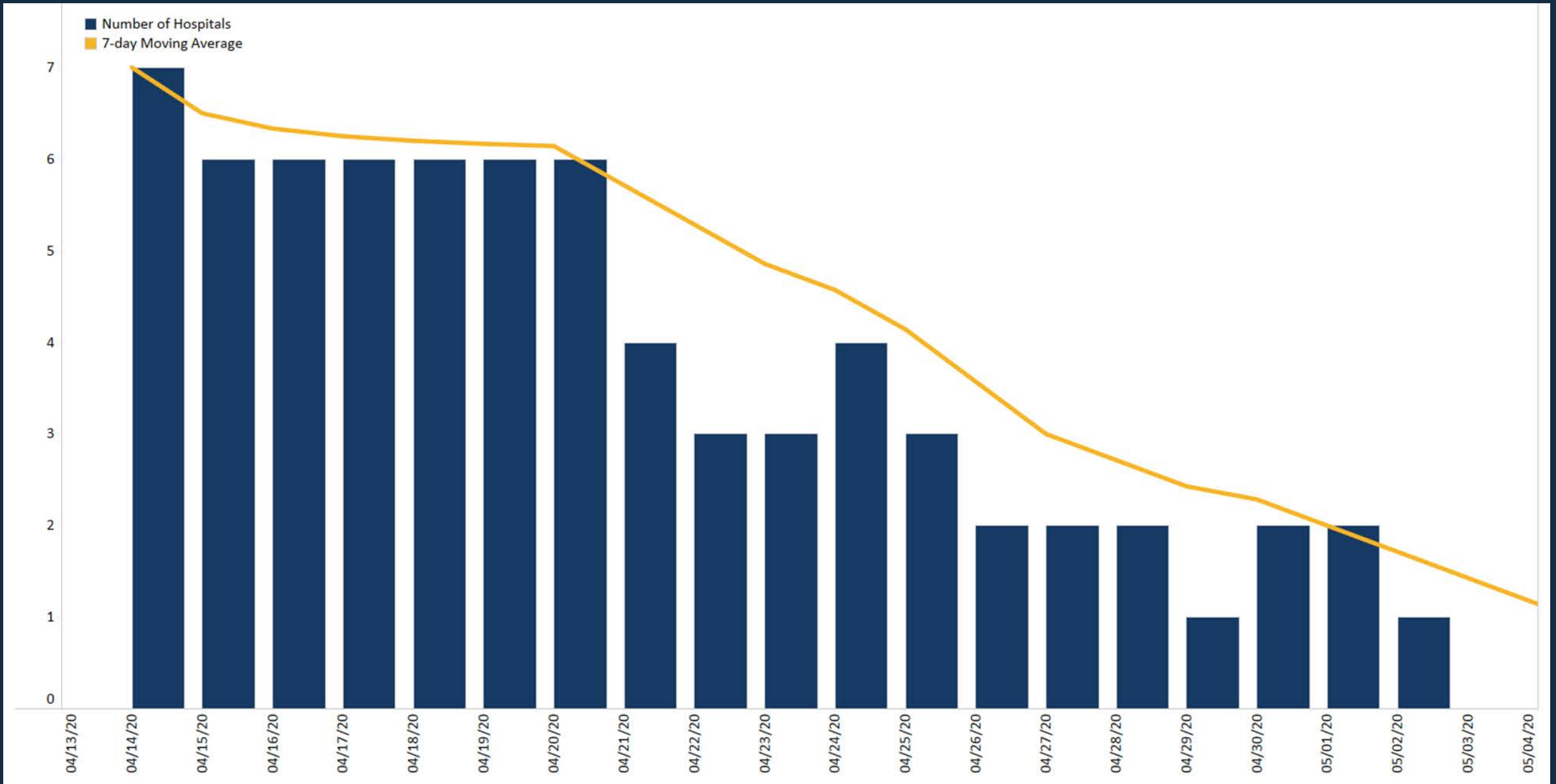# Deaths from COVID-19, by Day of Death
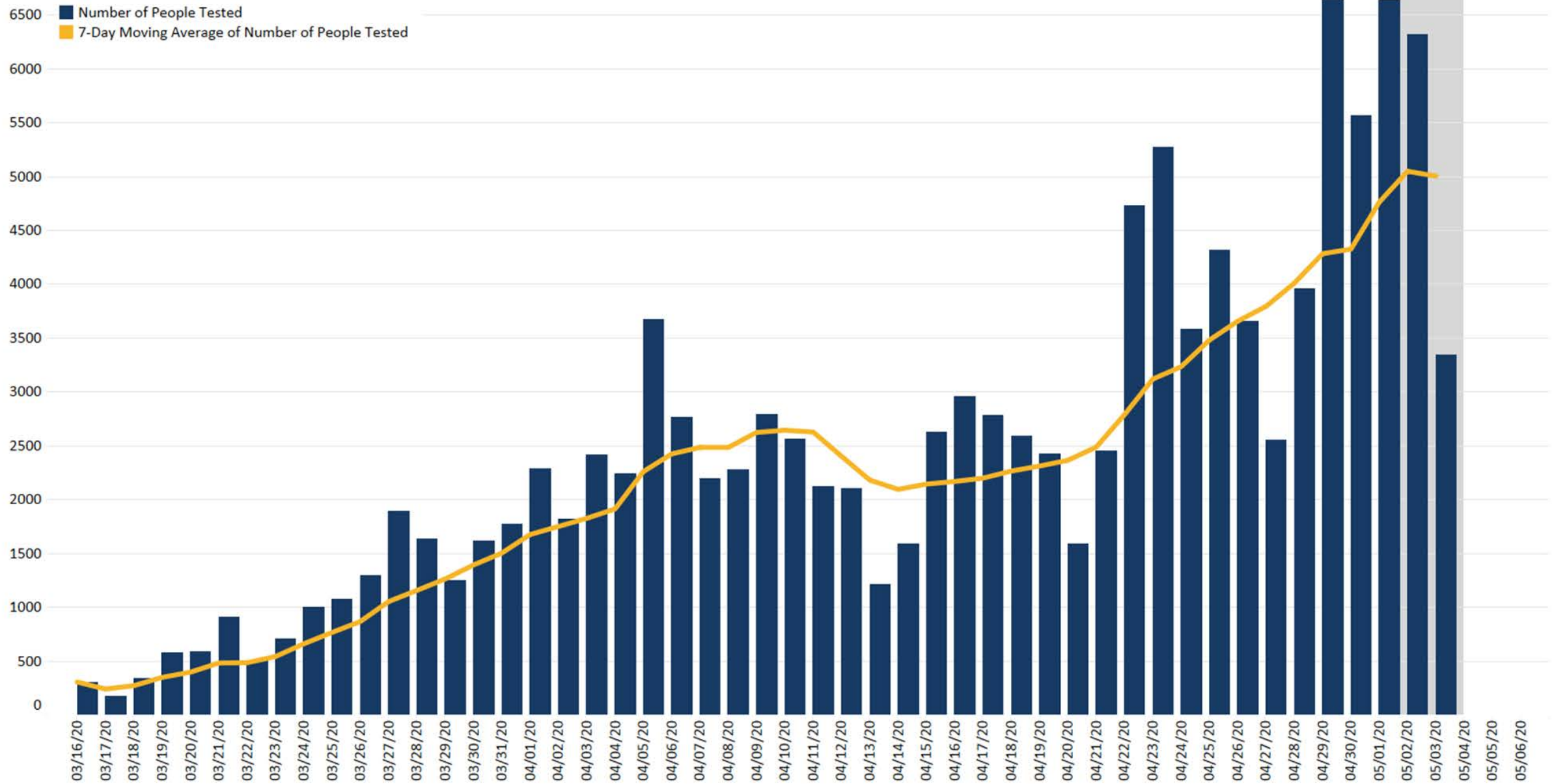
Hospital Bed Capacity

Hospital Patients Treated for COVID-19

Hospitals Reporting PPE Difficulty

Number of People Tested Per Day, by lab report

New VDH Updates

- These graphs will be incorporated on the website and updated daily, starting Tuesday May 5th

- Downloadable CSV files for each

- "Data Insights" and additional information, including blog posts, available