



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



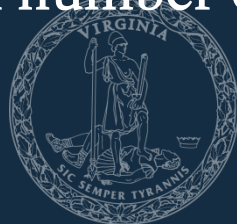
Epidemiology vs. Daily Reporting

- 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

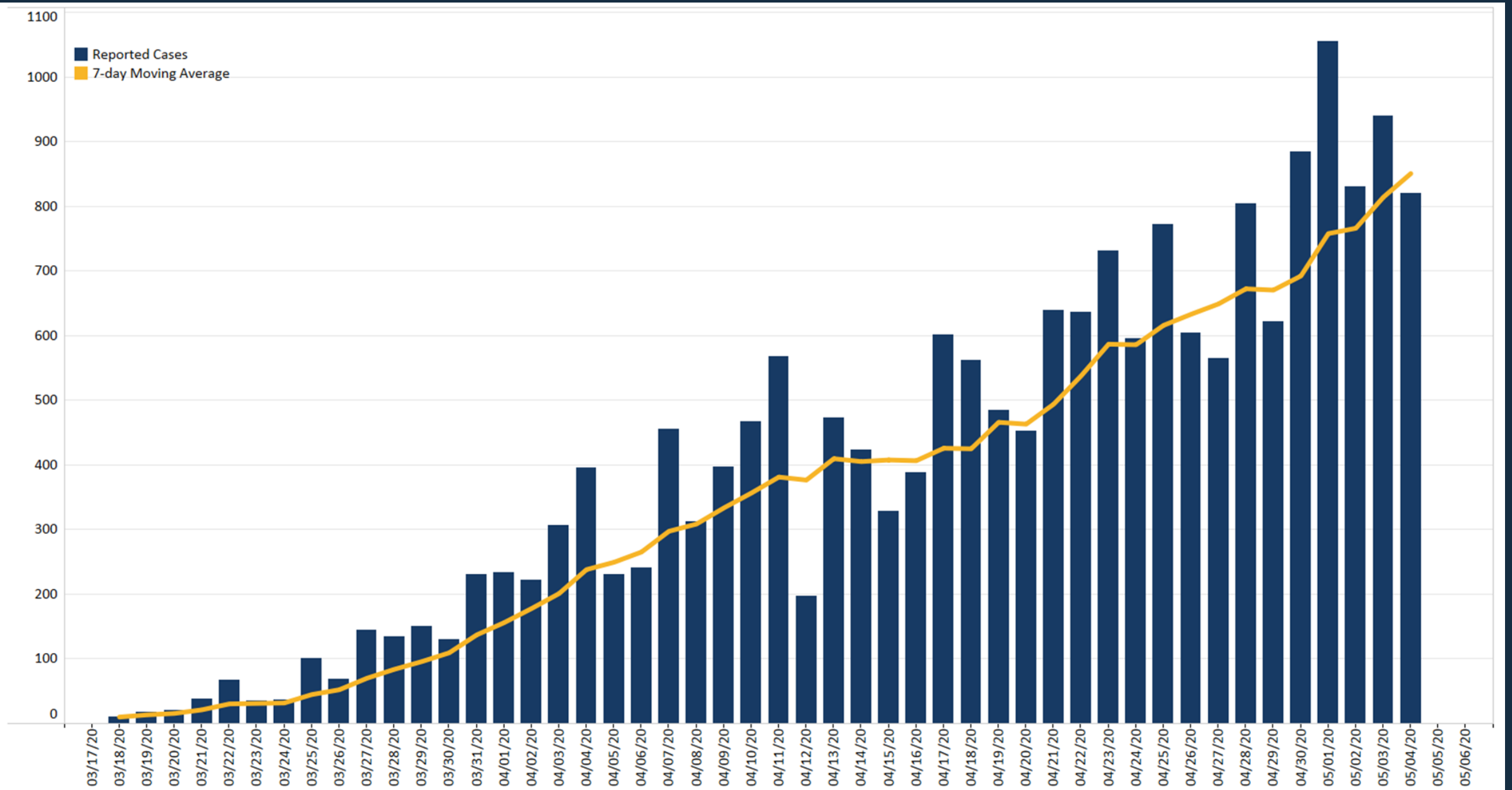
- No one dataset can show us a completely accurate and current picture of the disease and our ability to respond
- Instead, we rely on a variety of indicators that tell us how the disease is spreading, how severe it is, and our capacity to react accordingly



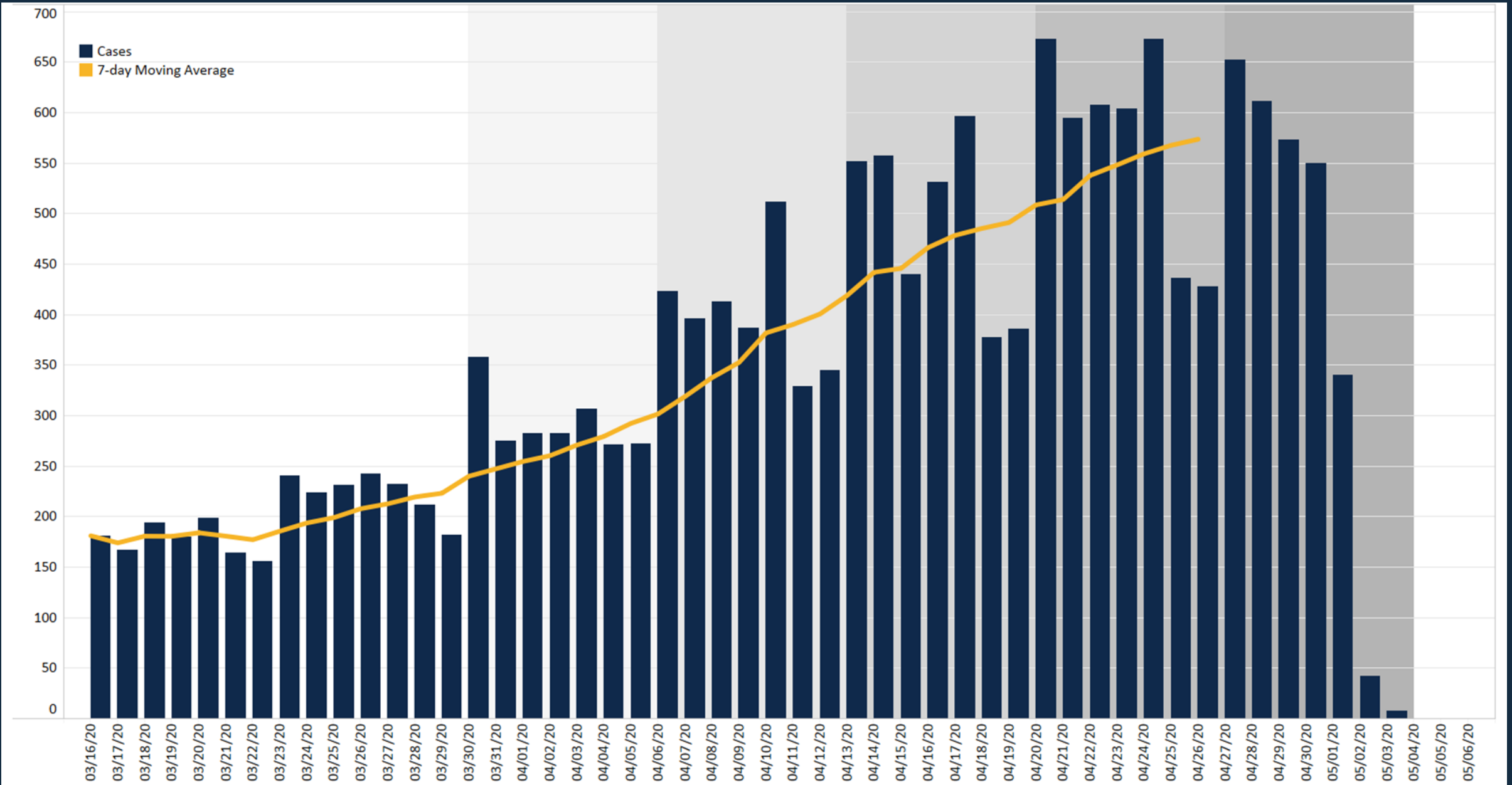
Better Understanding COVID-19



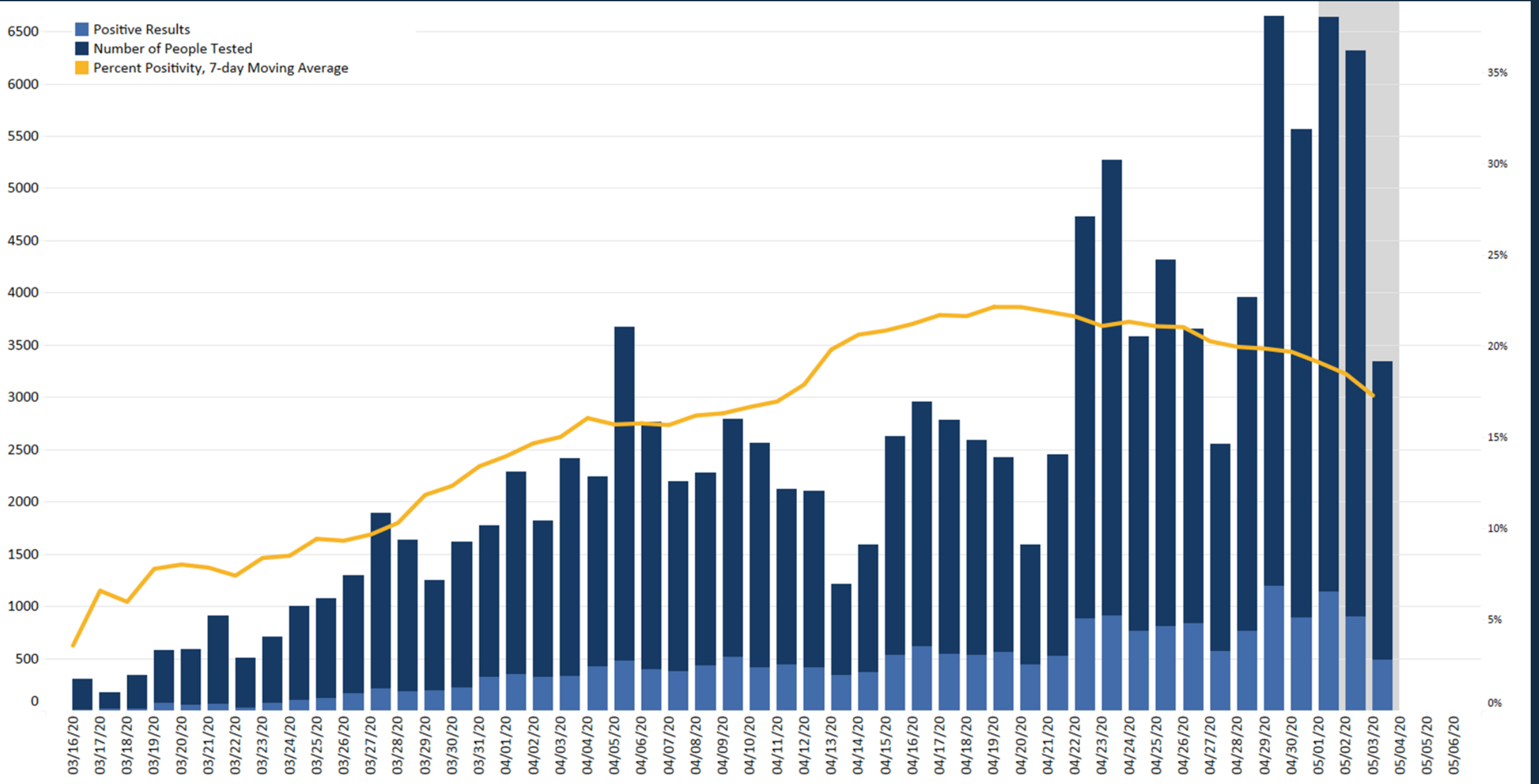
Cases by Date Reported



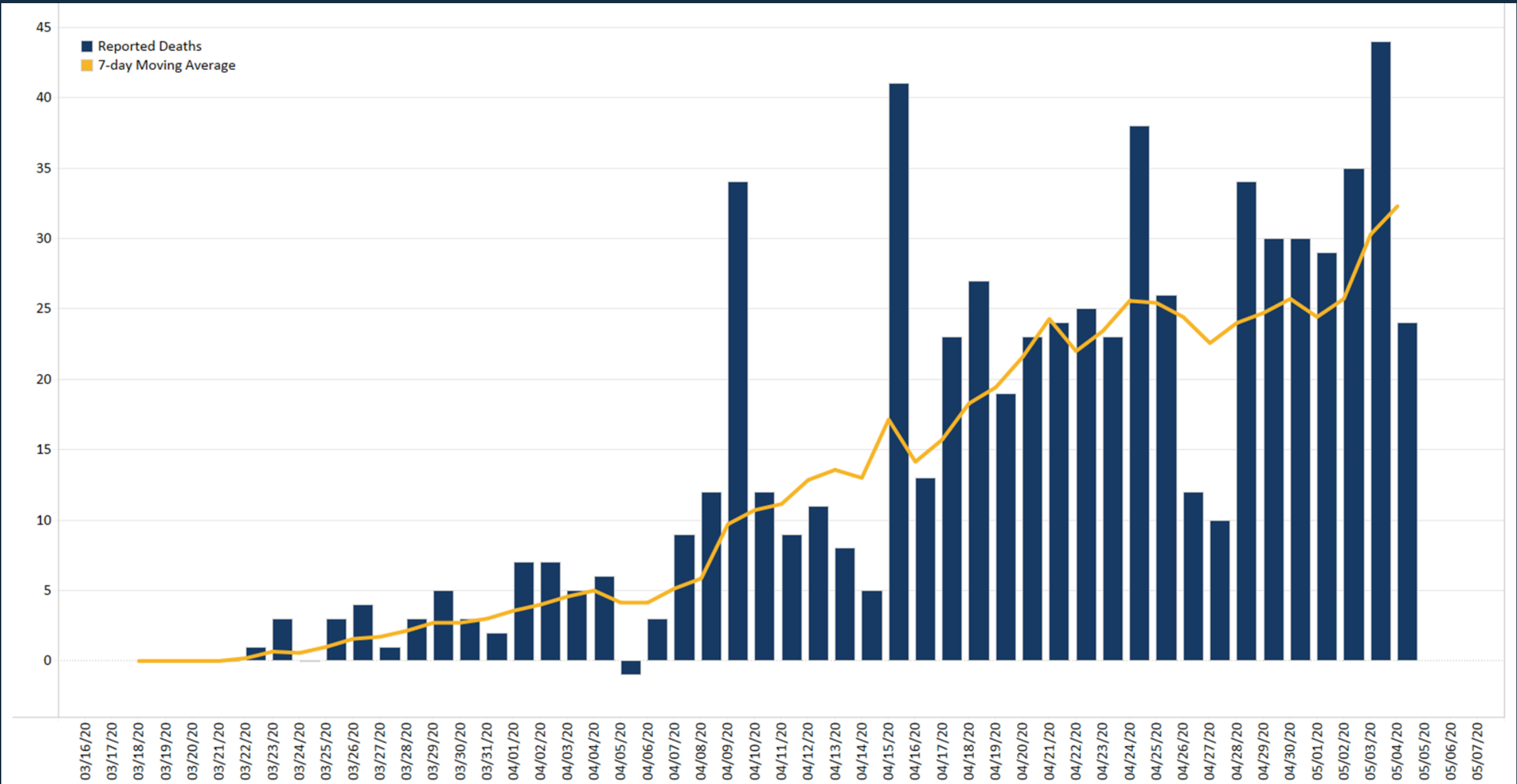
Cases by Onset of Illness



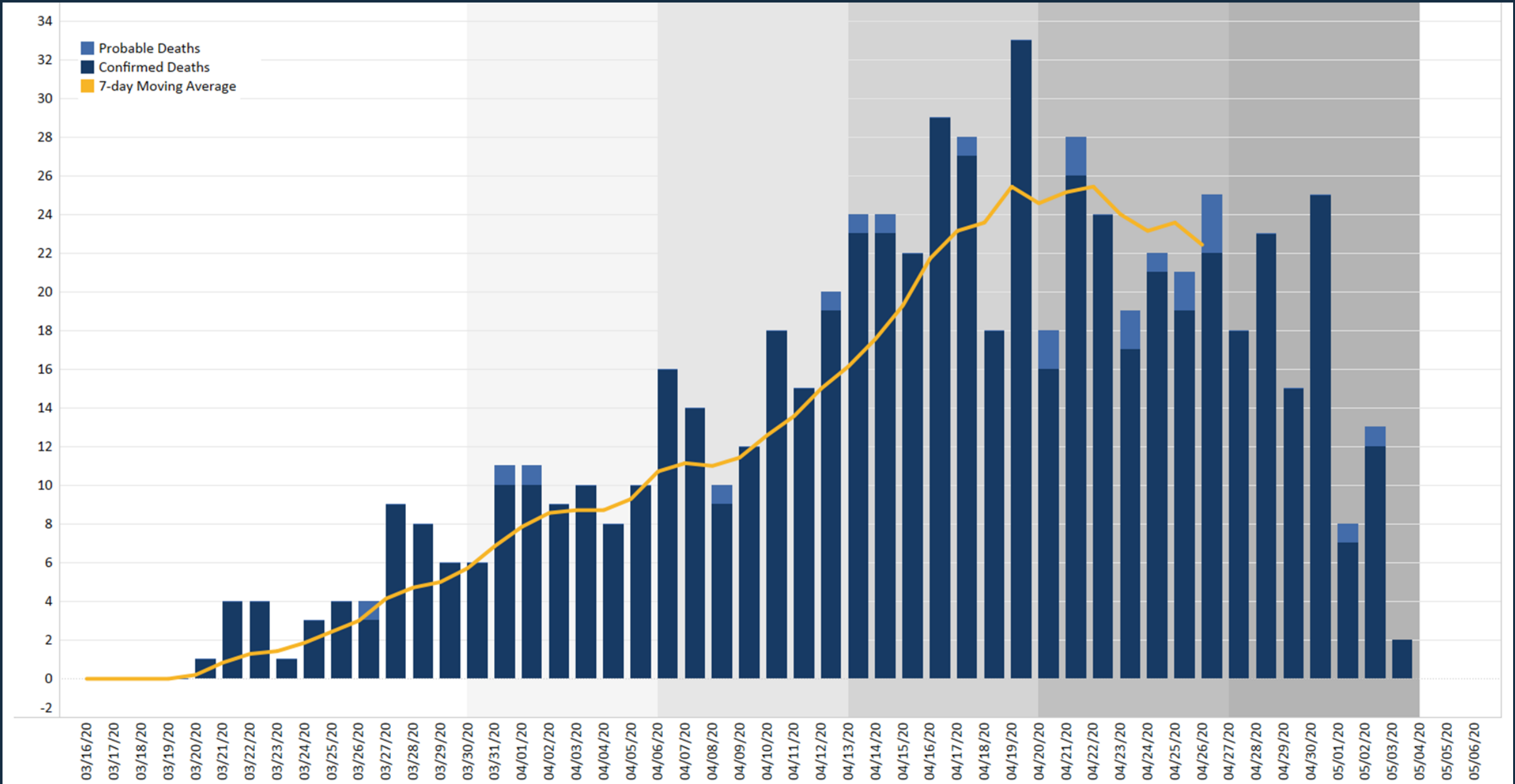
Positive Tests



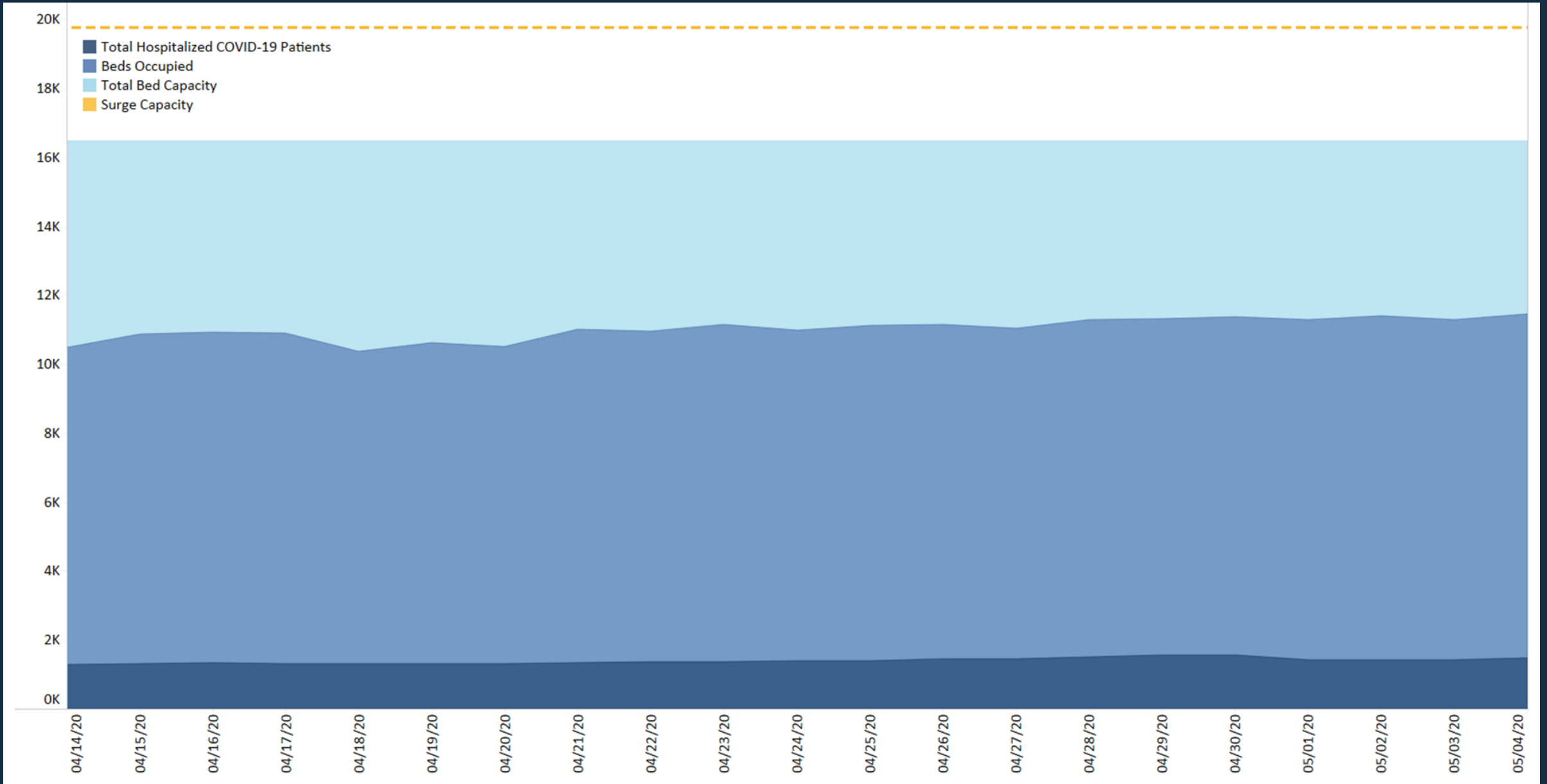
Deaths from COVID-19, by Date Reported



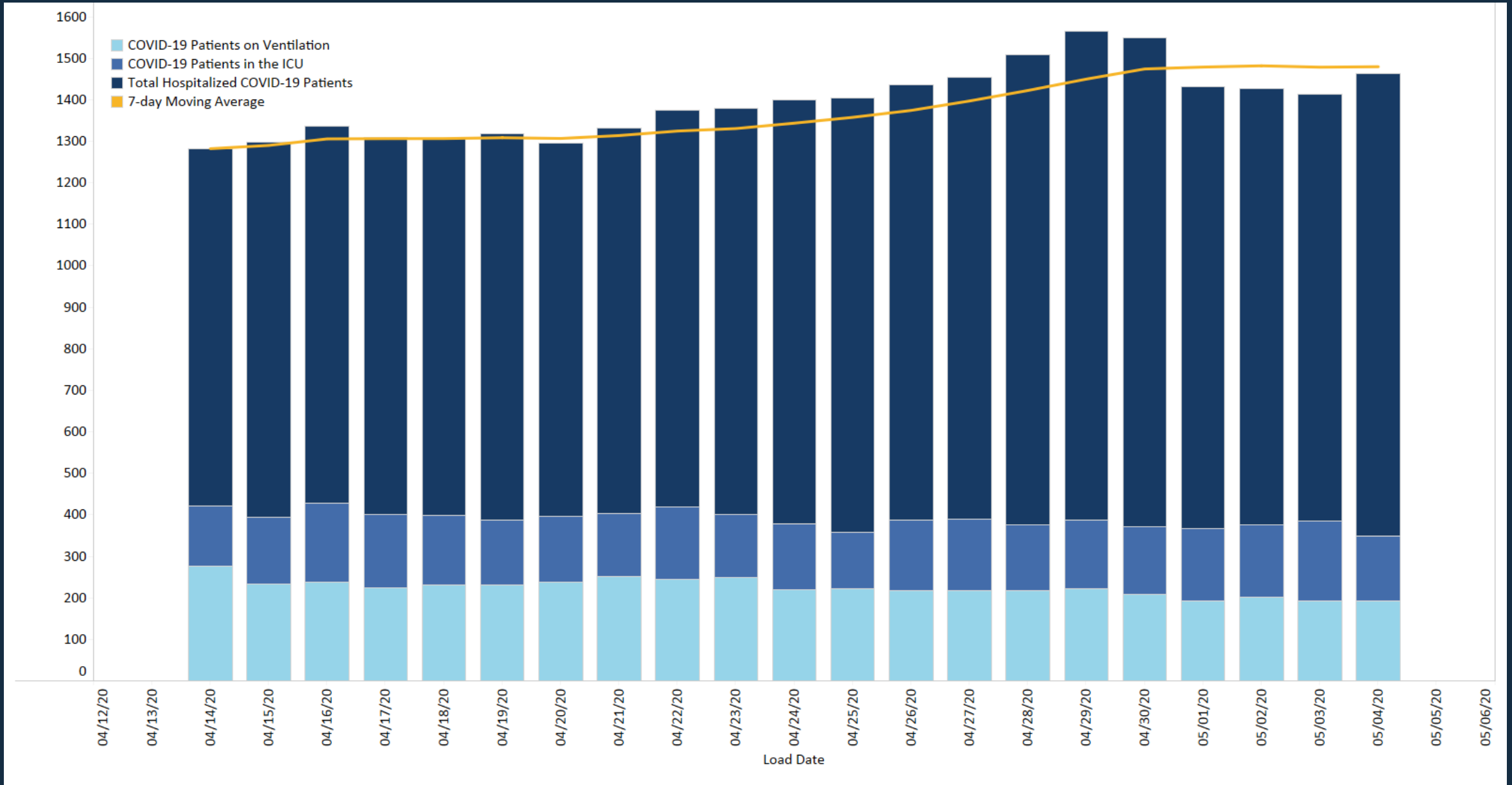
Deaths from COVID-19, by Day of Death



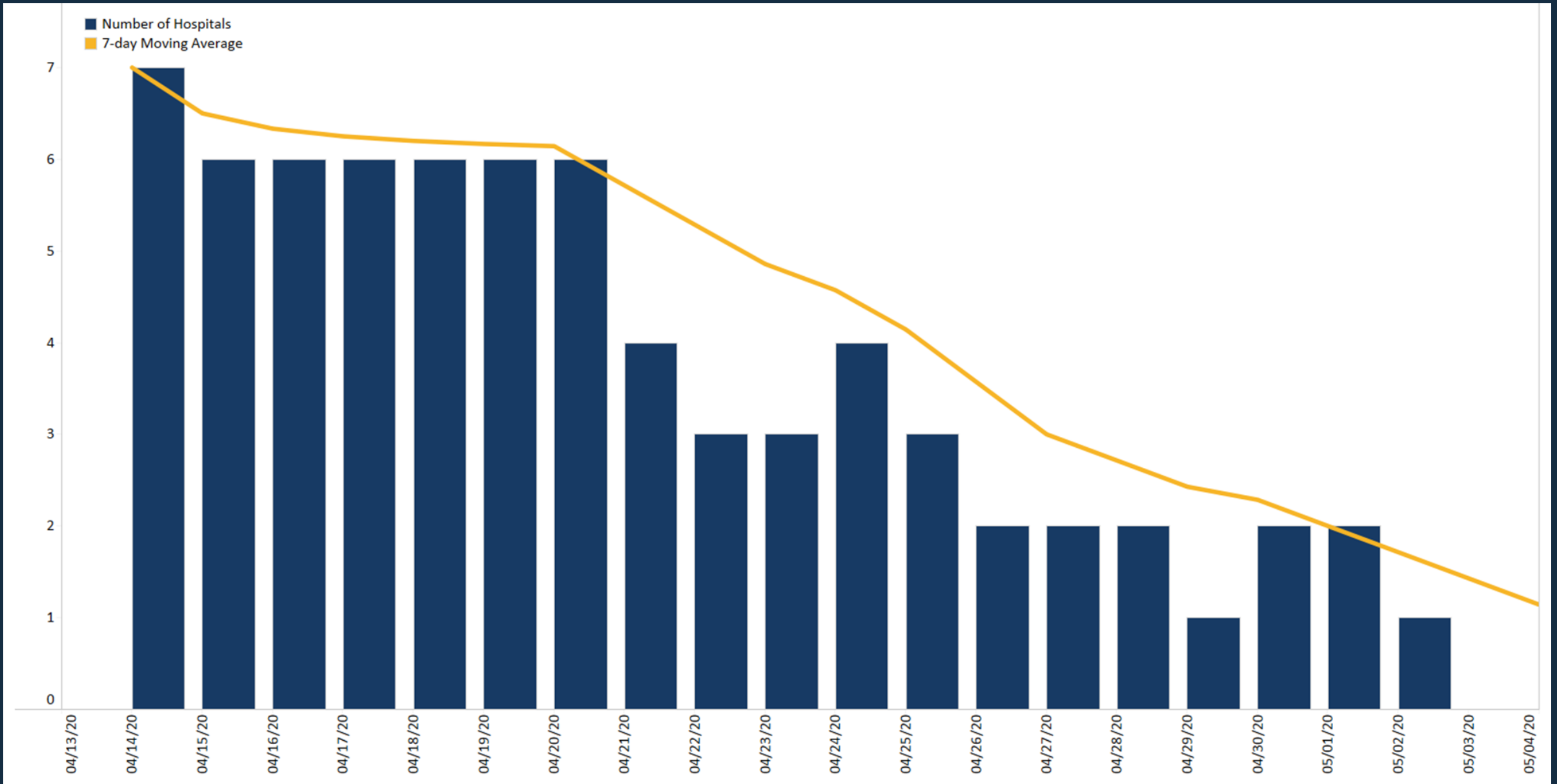
Hospital Bed Capacity



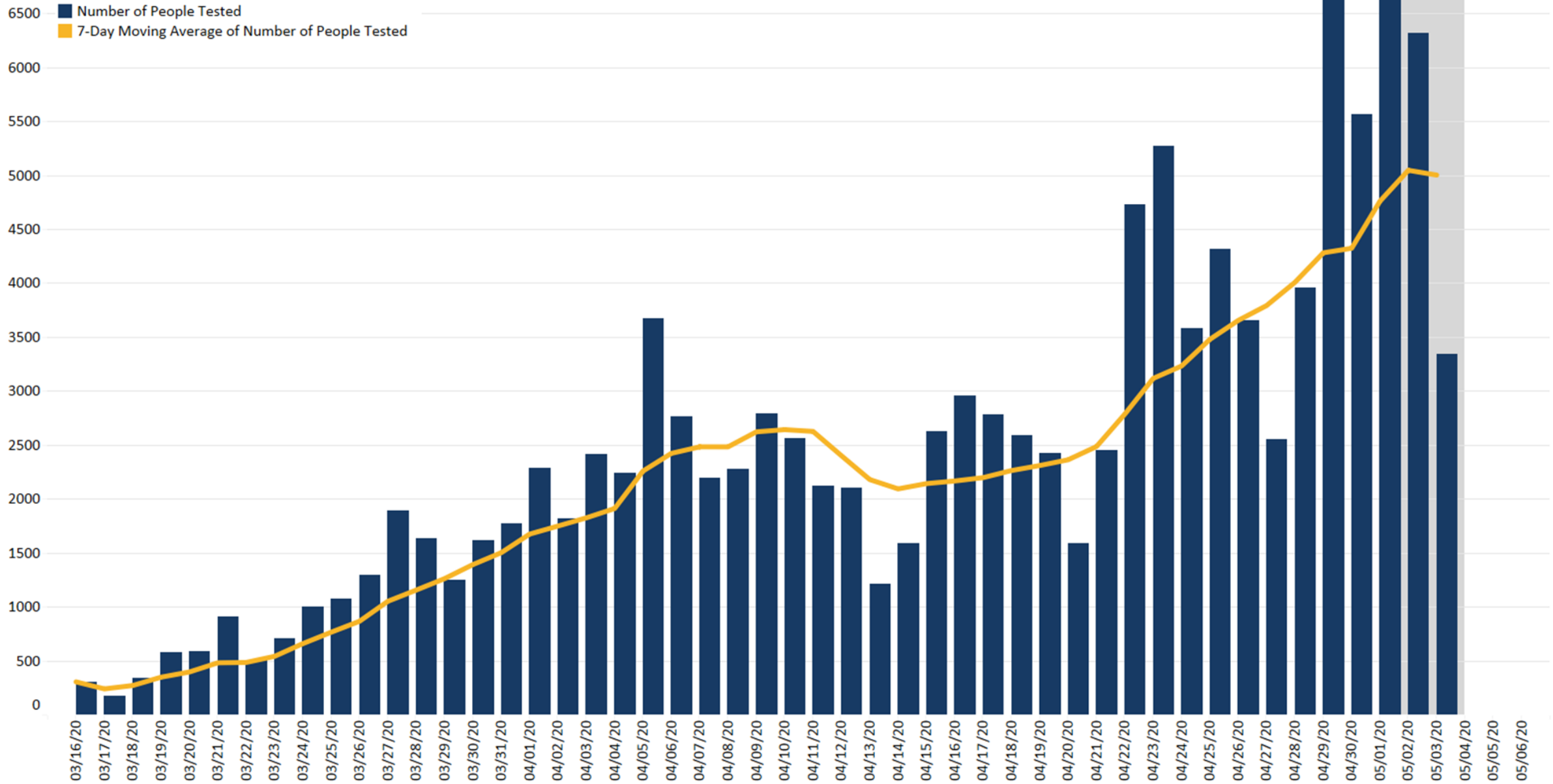
Hospital Patients Treated for COVID-19



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

