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

[Graph showing a decrease in the number of hospitals reporting PPE difficulty over time, with a 7-day moving average line.]
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