

Another day of higher new positive case volumes and new case growth rates across the US as testing continues at higher levels (> 100,000 tests per day). The **Curve is NO LONGER Flattening** as testing is more wide spread and most states are working to test more aggressively. The number of New Positive Cases in the top 12 states have now exceeded New York for a second day as wider testing uncovers more cases nationally.

To better follow developments we have augmented the Charts: Added a new chart that shows # of New Cases by Day for; New York, Washington, Top 12 States, All Other States. Daily Testing Volume is an overlay on this Chart. The spreadsheet also shows in summary for both cases and testing: New York, Washington, Top 12 States, All Other States

Summary: As testing is now expanded to much higher levels (> 100,000 per day), the growth in new positive cases is expanding with testing. As testing grows the % testing positive has grown to 18% and this means higher levels of new cases across the US every day (*see new chart below*). As the number of days into this epidemic grows, we can also expect to see Hospitalization rates and Mortality rates grow as the larger new case volumes get further into the course of the virus.

Bottom Line – New cases and growth rates are likely to continue to expand with testing. We should see rates and volumes flatten over the next 5 to 10 days as tighter lock down orders have an impact. This may be offset by continued larger testing volumes. Once Again: Stay Calm – Stay Home – Wash Hands – Let’s Get Thru This

Headlines:

- Total US cases exceed 100,000 for the first time yesterday
- Testing yesterday exceeded 100,000 falling slightly from the high Thursday of 126,000 tests. Testing expanded significantly in New York (25%) and Arizona.
- **New US Cases Growth**
 - Total new cases grew yesterday by ~18,000, the highest one day total new case level to date.
 - New York new cases exceeded 7,000 for the first time, while new cases in the next 12 states exceeded 8,000 for the 2nd day, and are now exceeding daily new cases in New York
 - The growth rate in new cases declined yesterday to 8% in total, New York new cases grew 21%
- Washington State had an average level of new cases on strong testing volumes, % testing positive remained low at 8%
- **Mortality rose yesterday to 1.6% across the US.** Hospitalization rates grew 1% yesterday to 13.8%.
- **Positive Tests rates rose yesterday to 18%** of total tests across the US, the highest level of positive outcomes in two weeks

Testing:

- Testing yesterday exceeded 100,000 falling slightly from the high Thursday of 126,000 tests. We have conducted ~700,000 tests across the US to date.
- “Pending” tests fell to near zero as labs processed the volume of test backlogs.
- Test volumes rose materially yesterday in New York and Arizona.

- The rate of new positive cases in total rose yesterday to the highest level in two weeks nationally ~ **14%**.

New/Active Cases

- Total US cases are now above 100,000 at 104,126 yesterday, up from 85,435 cases Wednesday.
- Total new cases grew 22% yesterday, or 18,688 cases up from 17,244 cases this continues a trend of 20% growth in total new cases.
- The daily growth rate of new cases slowed to 8% yesterday, down from 29% the day prior.
- Despite a drop in the daily growth rate yesterday, total new case growth (active spread) has been expanding for several days (*see chart below*).

Hospitalization

- The Hospitalization rate has been rising steadily the last three days, yesterday's Hospitalization rate was 13.8%, up from 7.7% on Monday
- ***New York Hospitalization grew to 8,256 cases, up from 6,844 cases the prior day – New York total bed capacity is ~53,000, and ICU bed capacity is ~3,000***
- Total positive cases in hospital beds yesterday was 13,997
- ***Total US Hospital beds are ~925,000, Total US ICU Beds is ~100,000***

Recovery/Mortality

- The Mortality rate grew 1% to 1.6% nationally. Rates range from 1.3% (New York) to over 4% in Washington State driven largely by the Nursing Home outbreak there
- Hospitalization rates grew 1% yesterday to 12.8% Total hospitalized cases grew from 10,459 Thursday to 13,997 yesterday ~60% of these in New York