

Some encouraging trends as we start yet another week. Hospitalizations continued to decline over the weekend. **Total active cases in the US also declined for the 1st time yesterday**. Total recovered/resolved cases are now ~400,000, or 44% of the US Total US cases identified to date. New hospitalizations are now negative for three days and this continues what is now a 14 day trend of declining new hospitalizations, resulting in **four days of drops in total hospitalizations** across the US (*see chart below*). Mortality has also declined significantly over the last two days and was down 40% yesterday from the Friday high. **Total New Cases across the US also declined yesterday to the lowest level in 19 days (~25,000)** on slightly higher tests volumes (~160,000), bringing % positive tests down to 17%. This would suggest that the drops we had hoped for after two weeks of lockdowns are now taking hold at the 4 week mark. This should be the story of this coming week until we reach a base level of daily new cases, total hospitalization and mortality.

We are also now lapsing 16+ days since the highest daily new case counts, resulting in the largest daily recovered case numbers yet (*reported and unreported*) at more than 30,000 for the last two days. For the last two days **daily recovered/resolved cases have exceeded new cases**, at ~120%.

Let's get to yesterday's #'s:

Headlines:

- New Daily Cases declined to ~25,000 cases.
 - *New Case Growth was negative yesterday and -20% from Friday in total on higher testing volumes the last two days,*
 - *New case growth was negative in 33 states yesterday, including New York. New Jersey had higher new case volumes yesterday,*
 - *Material New case growth occurred in 5 states; New Jersey, Ohio, Iowa, Tennessee, Mississippi,*
 - *12 States have ~80% of all US active cases and new cases,*
 - *Remaining 39 states have an average of ~2,500 total reported cases, fewer than 500 current Hospitalized Cases and an average Total Mortality of 147 to date.*
- New Hospitalizations declined again yesterday with Total Current Hospitalizations down for a 4th day. We have now had a 14 day downward trend (*see chart below*).
 - ***For a 4th day, total current hospitalizations dropped yesterday across the US***
 - ***Current Hospitalizations declined in New York by 5% over the past 2 days and are at the lowest level since the outbreak began***
 - *New Hospitalizations grew materially in only two states yesterday; Texas and Maryland*
- New Mortality declined materially over the weekend, **dropping 40% to 1,539 yesterday** from 2,535 on Friday.
 - *~1,000 of yesterday's mortality in four states (New York, New Jersey, Massachusetts, Pennsylvania).*

- *Remaining 47 states had an average mortality yesterday of 10, 25 states of 5 or less,*
- *It would appear that mortality is now beginning to follow the declining trend in Hospitalizations over the past two weeks and we should look for continued lower #'s daily.*
- Total Active US Cases were ~500,000 yesterday, **total active cases declined for the 1st time** by 1% yesterday.
- Testing rose ~10,000 to ~158,000 tests, % of tests with positive outcomes was lower at 17% yesterday on slightly higher testing volumes.
 - *Testing is not changing in any material way yet as we contemplate relaxing lockdowns in many states and large cities*
 - *New rapid testing devices continue to be produced and deployed, but test materials (swabs, reagents, etc) are constraining testing growth.*
 - *It is now being “projected” in the coming weeks that capacity for up to 250,000 tests could be conducted per day in large population states as part of “opening up”.*

Net-Net: # of New Cases declined across all groups – New Case growth rates are now negative again across the US – Hospitalizations are continuing to decline followed by daily Mortality – Testing remains flat

(see charts below)

Yesterday's Data:

- Total New US Cases declined to 25,052 cases yesterday, down from 32,165 on Friday.
 - *33 States had flat or declining New Case volumes yesterday, mostly recovered and recovering states.*
 - *15 Recovered States had a decline in new cases of -1,911, or -39% growth from prior day.*
 - *17 Recovering States had a decline of -706 new cases yesterday, or -12%,*
 - *20 Hot Spot States had a decline in new cases of -499, or -5%*
- Recovered cases grew to 30,802 yesterday, or 123% of New Cases
 - *Recovered cases were 123% of all new cases yesterday,*
 - *Total Recovered Cases to date rose to ~400,000, or 47% of Total Identified Cases to date.*
- **Testing volumes rose yesterday by ~10,000 tests at ~158,000,**
 - *Daily New Case volumes declined on higher testing yesterday,*
 - *% of tests with positive results was declined to 17% yesterday on higher volumes,*
 - *15 States had % Positive Cases on tests performed >20%. 20 states had % Positive at ~10% or lower,*
 - *Pending tests declined to ~3,000,*

- *3,884,925 tests have been performed in the US to date.*
- **New Hospitalizations declined again as total current hospitalizations declined a 4TH day across the US for those states reporting,**
 - *Total current hospitalizations declined for the 4TH time yesterday, there does not appear to be a surge in hospitalizations in any way as #'s have been declining day over day,*
 - *Total current New York hospitalizations dropped yesterday to lowest level yet since the outbreak began at 16,213 from 18,697 four days ago,*
- **Mortality declined by ~300 yesterday to 1,539 yesterday, down from 2,535 on Friday,**
 - *~1,000 of yesterday's mortality in four states (New York, New Jersey, Massachusetts, Pennsylvania).*
 - *New York had lower daily mortality of 627, down from 1,025 Friday,*
 - *New Jersey had daily mortality of 132, down from 322 on Friday,*
 - *Only 5 States had mortality over 50 , remaining 46 states had an average mortality of 9 yesterday.*