

Apologies for the false send on today's update late yesterday (*none of us need more email*). A mixed report on yesterday's data as we remain locked down. New cases rose modestly yesterday after 4 days of daily declines to ~27,000. Total US Active Case Growth rates remained close to zero at 2% yesterday on growing recovered cases. New Hospitalizations were flat to prior day at ~2,000 new cases, while **Mortality rose materially** to ~2,400 yesterday after 3 days below 2,000. Yesterdays mortality was driven by increases in 6 states with 1,654 of the ~2,400 (*see data below*).

We have flattened the curve with ALL our efforts and the number of active cases continue to drop in total. We have seen a steady decline in virus growth in the two largest outbreak states, New York and New Jersey. Together these two states represent 45% of all US Cases. As a result, they have driven the numbers as the outbreak grew, and again now as both States have strong declining case growth rates. We know States took independent action and imposed restrictions at different levels and at different rates. What is clear now is all States are not on the same path in response to the quarantine and the pace of recovery. As we track state by state we are now seeing a clear separation in the rate and level of recovery. To that end we are restructuring how we aggregated state data to allow better understanding of the recovery.

State by State Response

As overall virus spread has slowed and growth rates have turned negative, there is a clear split in individual state recoveries. Those that acted early (**Recovered States**) have had *negative daily new case growth rates for 7 or more days and at least -10%*. There is another group of states that are into recovery and have had negative daily new case growth rate for 4 or more days up to -10% (**Recovering States**). Finally, there are 20 states that continue to have positive daily new case growth rates (**Hot Spot States**). We will begin to report on these today and update charts over the next few days (*see new growth rate chart below*) as well as continue to update on the Total US and keep informed on New York.

Note: Lists of states in these three categories are included below

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

Headlines:

- New Daily Cases rose by ~1,200 cases, or 5%, to ~27,000 yesterday driven by a large one day increase in *New Jersey, California and Michigan*
 - *The total daily growth yesterday was all in 10 States,*
 - *30 States had a decline in new cases yesterday,*
 - *10 States had little change in new cases yesterday,*
- New Hospitalizations grew yesterday by 140 new cases to 2,088 but remains below the highs of last week.
- New Mortality rose sharply to 2,407 yesterday from 1,535 prior day, driven by increases in 6 States; New Jersey, New York, Louisiana, Texas, Michigan, Connecticut.
- Total Active US Cases were 472,274 yesterday, active cases grew 2% from prior day

- Testing remained flat yesterday at ~155,000 tests, with no change from the last two weeks average. % of tests with positive outcomes was flat at 17% yesterday

Yesterdays Data:

- Total New US Cases rose to ~26,945 cases yesterday, up from 25,753 prior day on continued flat testing volume, as % positive also remained flat at 17%,
 - *New York new cases rose modestly to 7,468 from a new low yesterday of 6,240,*
 - *15 Recovered States had 3,202 new cases yesterday, flat from the prior day,*
 - *17 Recovering States had 12,538 new cases yesterday, up 5% from 10,810 the prior day, driven primarily by New Jersey, Michigan, California*
 - *20 Hot Spot States had 10,826 new cases yesterday, down from 11,507 the prior day, driven by large one day declines in a few states: Connecticut, Massachusetts, Missouri, Colorado.*
- Recovered cases grew to 21,350 yesterday, up from 19,708 prior day,
 - *Recovered cases were 79% of all new cases yesterday,*
 - *Total Recovered Cases to date rose to ~195,000, or 32% of Total Cases to date.*
- **Testing volumes remained flat at ~150,000 tests, essentially flat for more than a week.**
 - *% of tests with positive results remained at 17% yesterday*
 - *Pending tests remained flat at ~16,000, nearly all in California and Florida.*
 - *3,137,086 tests have been performed in the US to date*
- **New Hospitalizations rose yesterday by 140 cases to 2,088 new cases across the US for those states reporting,**
 - *New Hospitalizations declined in New York. Total current New York hospitalizations was 18,607 yesterday down from 18,825,*
 - *The majority of New Hospitalizations, or 1,526 cases, occurred in Illinois, Texas, California and New Jersey,*
 - *Recovered States had 506 new case on 7,265 current cases,*
 - *Recovering States cases declined by 163, on 30,627 current cases,*
 - *Hot Spot States had 1,744 New Cases and 15,246 current cases,*
 - *Total current hospitalized cases reported yesterday was 54,483, up from 53,150 prior day*
- Mortality rose to 2,407 yesterday from 1,535 prior day,
 - *6 States reported 1,654 deaths yesterday; New Jersey, New York, Louisiana, Texas, Michigan, Connecticut*
 - *New York has the highest daily mortality of 778*
 - *New Jersey had daily mortality of 362*
 - *All remaining states had mortality of 753 yesterday.*

NOTES:

15 Recovered States = 7+ Days of Negative Daily New Case Growth

17 Recovering States = 4 Days of Negative Daily New Case Growth

20 Hot Spots States = Positive Daily New Case Growth Rates

Lists if these states are in the 1st Tab of the Spreadsheet – “Case Summary – Data”