

Some positive news as we head into the weekend: **Testing levels rose significantly yesterday as the new Abbott Labs machines began to have an impact** - Recovered Cases rose materially as we begin to lapse 14 days from high new case volumes - Hospitals began reporting detail on all Cases/Recoveries - Let's get to yesterday's update:

#### Headlines:

- Testing volumes rose materially yesterday to ~150,000 tests, vs ~119,000 the prior day after modest increases mid-week as new technology was more fully deployed
  - *New York testing volume nearly doubled to ~32,000*
  - *Pending tests have only been significant in California to date, and these tend to resolve within 24 hours*
- The net daily growth in cases (*Total Cases – Total Active Cases*) is now being significantly impacted by recovered cases. Recovered cases totaled ~6,000 yesterday
- Hospitals across the US began reporting detail on all COVID-19 Cases, including; *Current vs Total Hospitalized, discharged/recovered, ICU Bed counts, Ventilated Cases*
  - Total hospitalized cases yesterday was down to 18,998 vs reported 36,256 total hospitalized cases to date
  - New York current hospitalized cases yesterday was 14,810 vs 23,696 hospitalized cases to date, or ~9,000 fewer current beds
- Daily new case growth rate declined yesterday to 8%, despite higher test volumes, Total Active Case growth also declined across the US to ~13%.
- **New US Cases Growth – Total US new case growth fell to 13% yesterday continuing a 10 day decline in new case growth.**
  - **New York:** The growth in new active cases declined to 9%, and new case growth was 11%, despite nearly doubling testing levels.
  - **Top 12 States:** Total new cases grew at 15% yesterday, down 1% from prior day, or 16,820 cases. The rate of new case growth was 15% on higher test volumes.
  - **All Other State Totals:** Total new cases growth declined 3% to 12% yesterday and new cases declined to 5,041 cases from 5,370 cases. The rate of new case growth was negative at -6% yesterday.
- **Hospitalization:** Current hospitalization was 18,988, or 40% below the cumulative hospitalization reported of 36,256 to date.
- **Mortality: increased yesterday to 2.7% yesterday, up from 2.5% the day prior.** (*Note: this is not a "true" mortality rate, but total daily mortality/Total Positive Cases – expect this to rise in coming days*).
- **Positive Test rates declined yesterday 2% to 22%, on significantly higher test volumes (a good sign).**
- Scientific American has completed a Hot Spot based on cases per capita across the US (*see map below, thanks Lisa!*)

#### Testing:

- Testing yesterday of ~150,442 total tests. This represents new testing capacity of +30,000 as new higher speed test units were more fully deployed. This follows three days of increased volumes.
- New York had the largest increase in volumes, where testing levels nearly doubled to ~32,000 yesterday. % positive tests also declined to 33% on higher testing volumes
- We have conducted ~1,500,578 tests across the US to date.
- States with the highest increase in testing volumes were: *New York, South Carolina, Utah, Texas, Missouri, Hawaii, Florida, Massachusetts, Illinois, Tennessee, Pennsylvania,*.

#### **New/Active Cases**

- **Total US new active case growth was 13%,**
  - **New York active case growth was down 1% to 9%,**
  - **Top 12 States active growth was down 1% to 15%**
  - **all remaining States growth was down 2% to 12%**
- Total Active Cases was 254,486 yesterday and grew 13% yesterday, Daily Resolved/Recovered Cases was 6,202 yesterday

#### **Hospitalization**

- New Hospitalization case detail indicated 18,998 cases yesterday of a 36,256 total hospitalized cases to date.
- **New York current hospitalized cases yesterday was 14,810 vs 23,696 hospitalized cases to date, or ~9,000 fewer beds – New York total bed capacity is ~53,000, ICU bed capacity is ~3,000**
- Total positive cases in hospital beds across the US yesterday was 33,040 up from 31,440 the prior day.
- **Total US Hospital beds are ~925,000, Total US ICU Beds is ~100,000**

#### **Recovery/Mortality**

- The Mortality rose 0.2% to 2.7% nationally. Deaths totaled 7,392 across the US to date, with a total new high yesterday of 1,321.. Expect this to continue to grow as hospitalization grows
- **Note: True Mortality Rates are difficult to measure during an outbreak, only after can it be accurately calculated. We use Total Daily Mortality divided by Total Positive Cases as a consistent measure. To be more accurate, todays mortality is related to new cases 10 to 15 days ago, this means true mortality rates are much higher than we show in this daily metric, likely they are double, or ~5%**

**Note: Starting tomorrow all graphs and charts will shift from measuring Total Case Growth and Growth Rates to Active Case Growth and Growth Rates to reflect the rising volume in recovered cases and accurately chart the “Curve”**