

Outbreak Breakdown

September 11, 2020

This weekly report is provided as an informal information resource for certain AdvaMed member work groups. Content is provided by staff and is not to be construed as conveying AdvaMed viewpoints or endorsement. AdvaMed's COVID-19 response is led by [Chris White](#), AdvaMed COVID Action Team Leader, COO & General Counsel. Newsletter contacts: [Andy Fish](#), Chief Strategy Officer and [Kristina Shultz](#), Manager, Strategy & Policy.

AdvaMed Notes

MedTech Conference: AdvaMed's MedTech Conference is going on now, with on-demand programming and partnering opportunities available now through the end of October. Live keynote addresses, panel sessions, and networking events will be held October 5-9, 2020. Check out the conference agenda [here](#). For additional information and to register, please visit the conference [website](#).

AdvaMed Resources:

[COVID Testing Supply Registry](#)

[PPE Sourcing Program](#)

[MedTech Responds](#)

Something Completely Different

As the pandemic continues to [warp](#) our [perception of time](#), we started to wonder [what is time?](#) Whether through the [human lens of recent history](#) or the 20-foot lens of astronomy's next [wayback machine](#), the [delayed James Webb Space Telescope](#), the answer is probably not [42](#).

Pandemic Snapshot

Global: Current Cases: [28,227,700](#) Deaths: [910,237](#)

- India reported nearly 100,000 new COVID-19 cases in a single 24-hour period yesterday.
- Spain is experiencing a resurgence in cases despite increasingly restrictive measures put in place to curtail the spread. It is also attempting to send children [back to school](#) in the middle of its second wave.

United States: Current Cases: [6,426,300](#) Deaths: [191,898](#)

- Labor Day weekend likely led to a "holiday effect," with delays in reporting and decreased testing demand complicating this week's data on cases, deaths, and hospitalizations. All three major metrics appear to have declined, but public health experts expect states to catch up on reporting during this next week, which may result in increases in any or all of those metrics.
- Testing declined this week, continuing a trend that started in late July. Most of the decline in testing appears to be driven by states in the South. The reasons for the decline are unclear.

[Johns Hopkins Daily COVID-19 Situation Reports](#)

[AdvaMed COVID-19 Modeling & Data Visualization Resources](#)

News & Insights

Vaccine Trial Paused: Oxford University and AstraZeneca announced this week that a major trial of their SARS-CoV-2 vaccine candidate [was put on hold](#) to investigate [whether an illness in a participant](#) in the U.K. was linked to the virus. A woman who received the vaccine developed symptoms of transverse myelitis (a serious condition causing inflammation of the spinal cord), which can be triggered by vaccines, but can also be caused by viral infections.

193 Million Tests Needed: The Rockefeller Foundation and Duke Margolis Center for Health Policy released a [new report](#) that found that at current infection levels in the U.S., 193 million tests would be needed per month in schools and nursing homes in order to reopen safely. This is in addition to the millions of additional tests needed for other settings. According to the COVID Tracking Project, the U.S. conducted approximately [22 million tests](#) over the past month.

Food for Thought: CDC's Mortality and Morbidity Weekly Report published a [study](#) today that found adults with a positive COVID-19 test were approximately two times more likely to have reported [dining at a restaurant](#) within 14 days of symptom onset than those with negative test results. When adjusted to limit the analysis solely to participants with no known contact with a COVID-19-positive person, the study found that positive cases were 2.8 times more likely to have dined at a restaurant and 3.9 times more likely to have visited a coffee shop or bar than those who tested negative.

CDC Forecast on COVID-19 Deaths: CDC revised its ensemble forecast for COVID-19 deaths over the next few weeks to predict a total of 205,000 to 217,000 deaths by October 3. CDC combines forecasts from 39 models to develop its national ensemble model. Details on the models used in CDC's forecast are available on CDC's [COVID-19 Forecast page](#).

Coronavirus by the Dashboard Light: As an interesting reference during another busy week of return-to-school pandemic news, in which reported cases on college campuses rose to a [pandemic total of 88,000](#), this [We Rate Covid Dashboards](#) site scores college's coronavirus reporting dashboards on a number of criteria including scope of data and timeliness of updates.

[‘Worst Case Scenarios’ at Sturgis Rally Could Link Event to 266,000 Coronavirus Cases, Study Says](#) | Washington Post, September 10

[As U.S. Braces for Potential Second Wave, Nurses Say There’s Still a Critical Shortage of N95 Masks](#) | Newsweek, September 10

[America is Trapped in a Pandemic Spiral](#) | The Atlantic, September 9

[Tracking Devices, ‘Ghostbuster Packs’ and Plexiglass: How One NFL Team Fought Coronavirus](#) | Washington Post, September 9

[A New Theory Asks: Could a Mask Be a Crude ‘Vaccine’?](#) | New York Times, September 8

[How the Aging Immune System Makes Older People Vulnerable to COVID-19](#) | New York Times, September 8

More News

[MIT Technology Review Coronavirus Coverage](#)

[Tulane Outbreak Daily](#)

[Prevent Epidemics Weekly Science Review](#)

[Helio COVID-19 Resource Center](#)

[Johns Hopkins Novel Coronavirus Research Compendium](#)