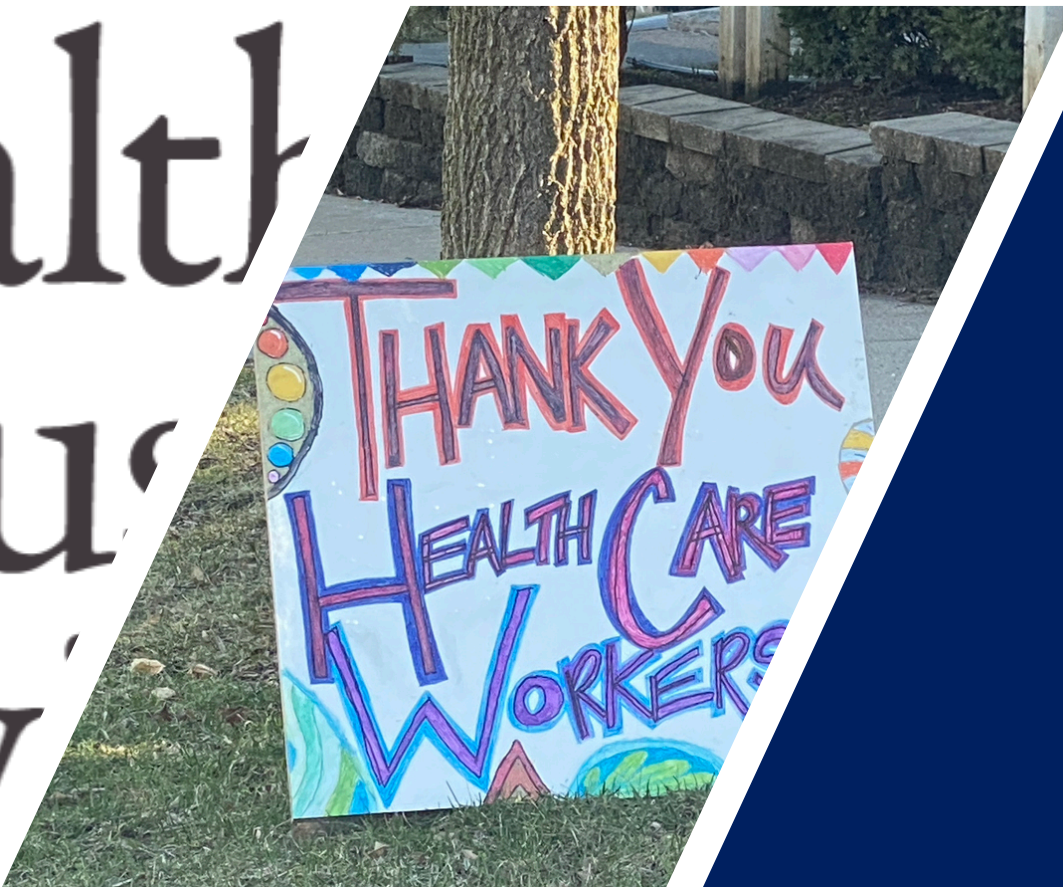




Health  
Industry  
Adv



Issue # 165  
Saturday, September 19, 2020

# COVID-19 Report

# Highlights

- The most encouraging comes from the Institute for Health Metrics and Evaluation (IHME) at the University of Washington. **IHME updated its projected COVID-19 deaths in the United States by January 1, reducing its estimate by 37,000**; its previous projection was published just 8 days ago.
- In our September 8 report, we compared IHME's then-estimates to those from Youyang Gu. At that time, IHME's estimated 6,000 more deaths than Gu by October 1, and 35,000 more than Gu by November 1. With this new estimate, **IHME lowered its October estimate by 5,000 and its November estimate by 25,000 deaths.**
- **Less encouraging is the increased test-positive rates, new cases and deaths this past week, compared to the prior week** (week of Labor Day). This reversed weeks-long downward trends in each of these measures. For the week, the test-positive rate was comparable to the rate two weeks ago; new cases and deaths were lower than two weeks ago.
- Despite the reversal in trends for these measures, **healthcare resource demand from COVID-19 continued to decline across-the-board: inpatient days, ICU census and ventilator days for COVID-19 patients each declined week-over-week.** Furthermore, the % of ER visits for COVID-19 like illness also continued to decline.

Test volume this past week increased over prior week; remains on par with August levels

Test-positive rate moved higher this past week – reversing improvement trend of the previous 7 weeks

### Weekly Tests - United States

For the 7 days ending on date shown

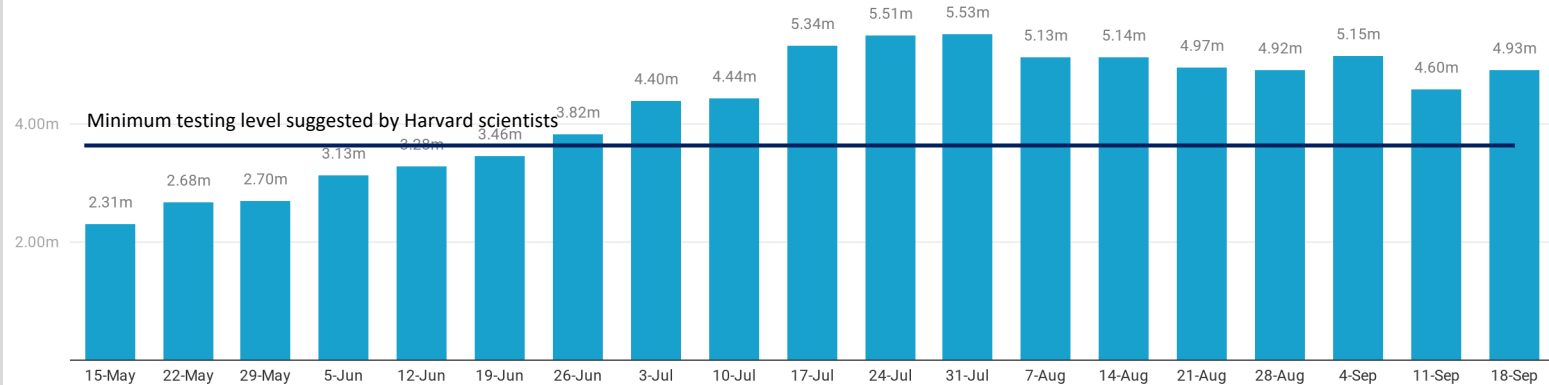


Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

### Weekly Test-Positive% - United States

For the 7 days ending on date shown

Rate suggested by CDC for Phase 3 Re-opening

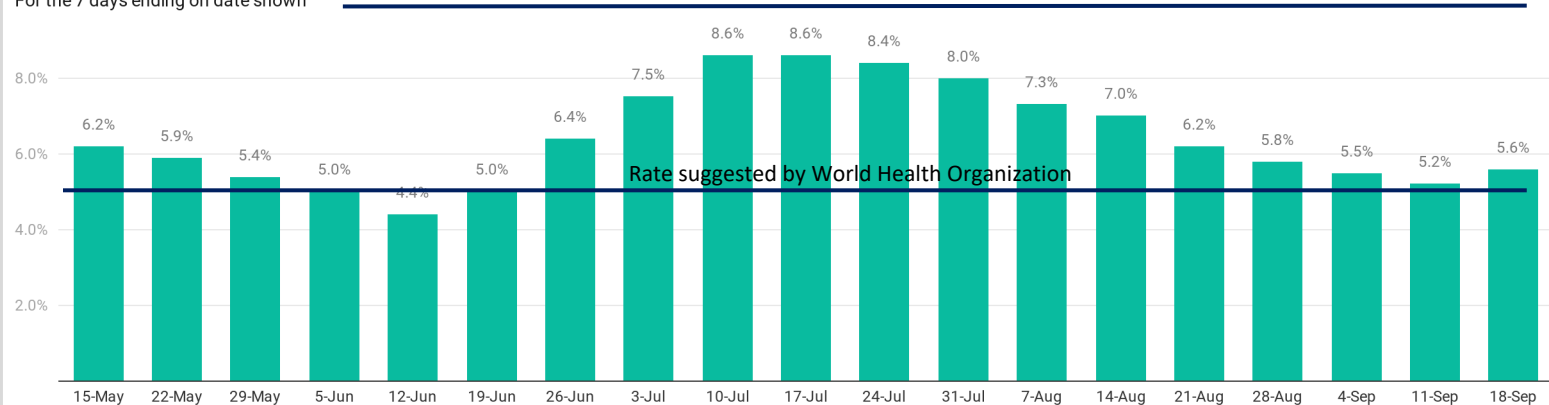


Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking project • Created with Datawrapper

New weekly cases increased this past week, reversing a 7-week trend of declining new cases

## Weekly New Cases - United States

For the 7 days ending on date shown

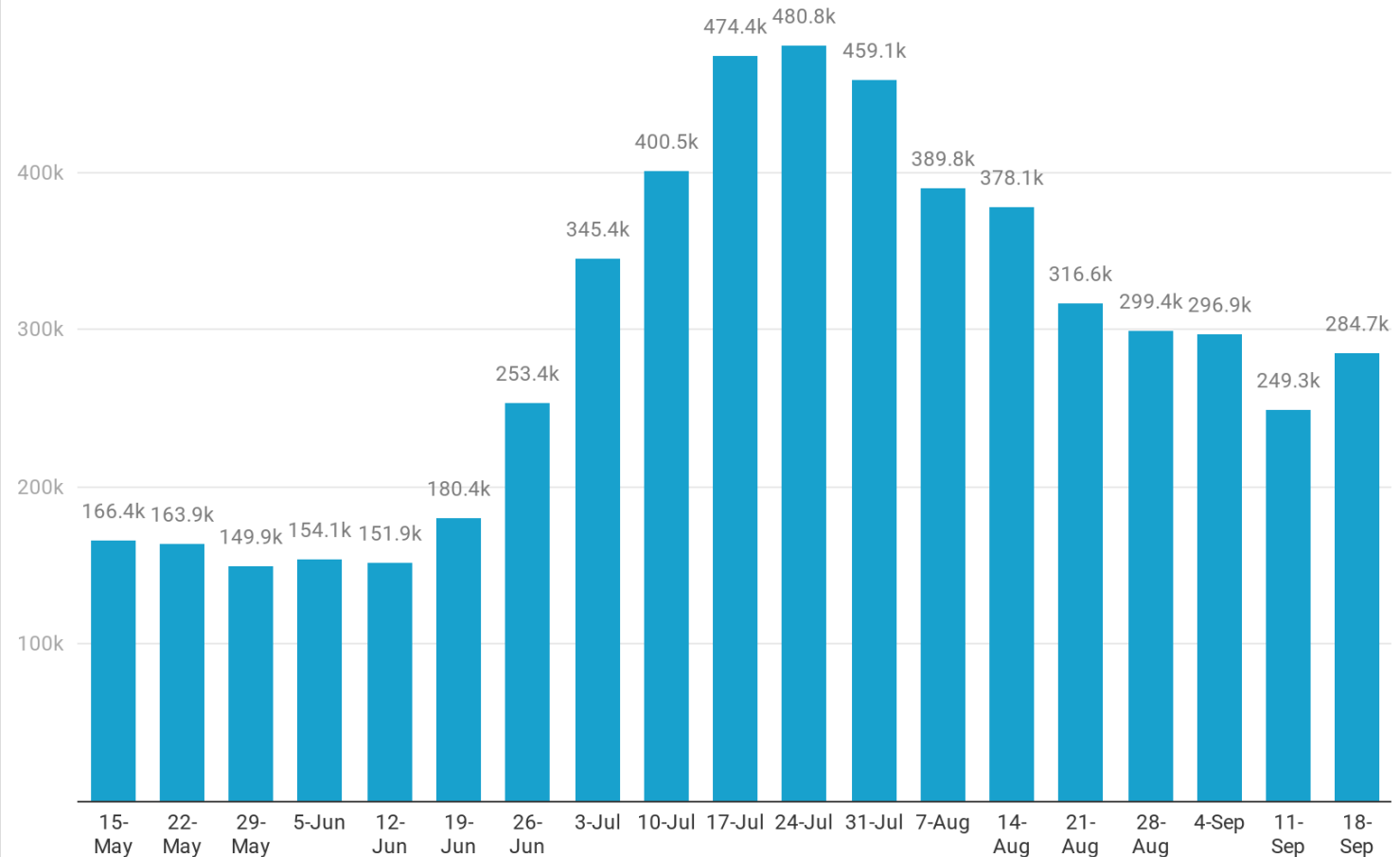


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper



Reported deaths this past week increased from the prior week but, were lower than the previous 6 weeks

The also were fewer reported recoveries from the virus this past week than the week prior but, more than the prior 4 weeks

### Weekly Deaths - United States

For the 7 days ending on date shown

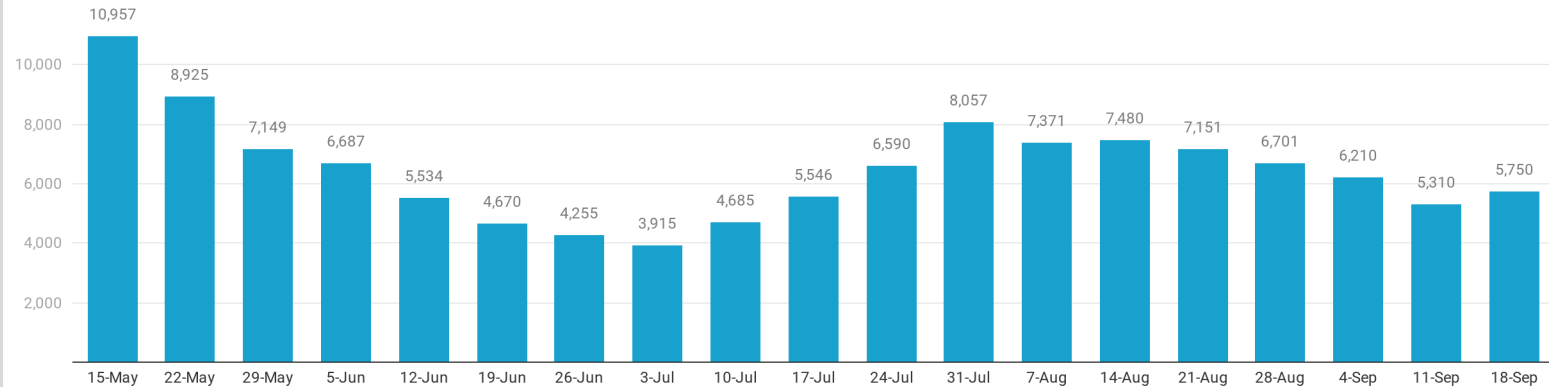


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

### Weekly Recoveries - United States

For the 7 days ending on date shown

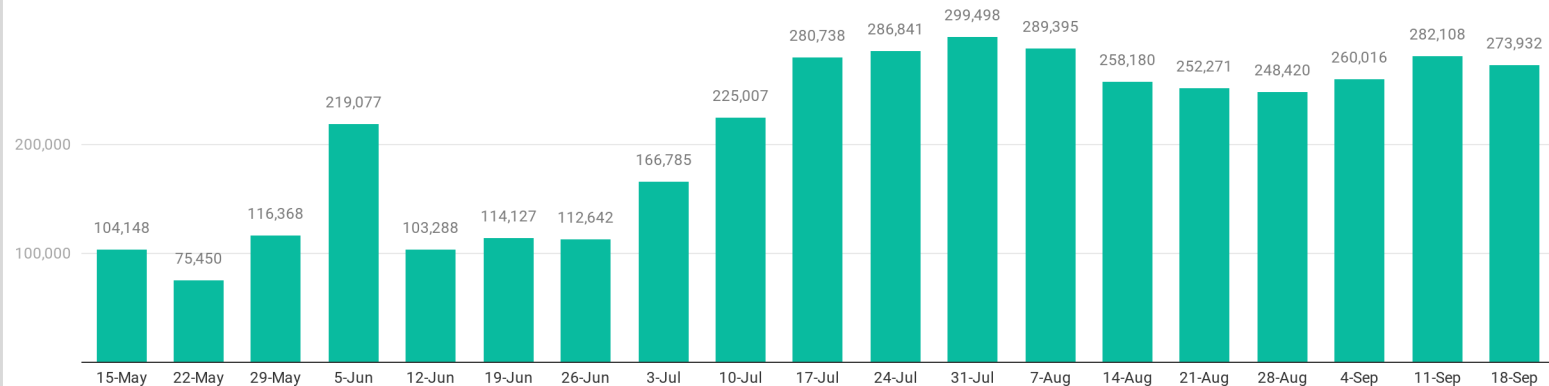


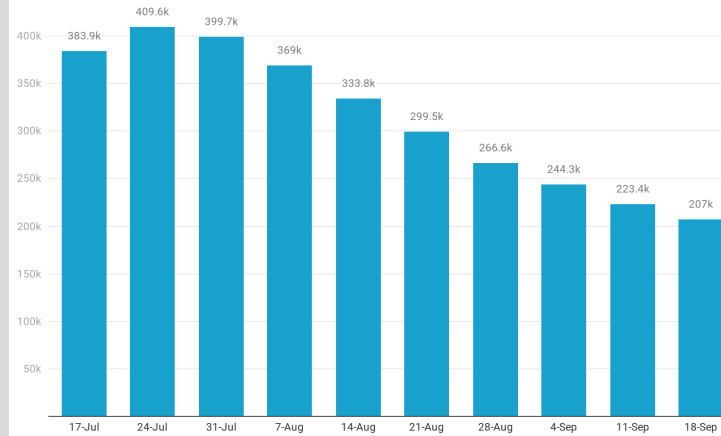
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Hospital resource demand for COVID-19 cases continued to decline last week –

Inpatient days, ICU days, Ventilator days and ER visits each declined

### Weekly Inpatient Days COVID-19 - United States

For the 7 days ending on date shown



The following states started reporting data on: HI, 7/14; KS, 7/25  
Chart: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

### Weekly ICU Census COVID-19 - United States

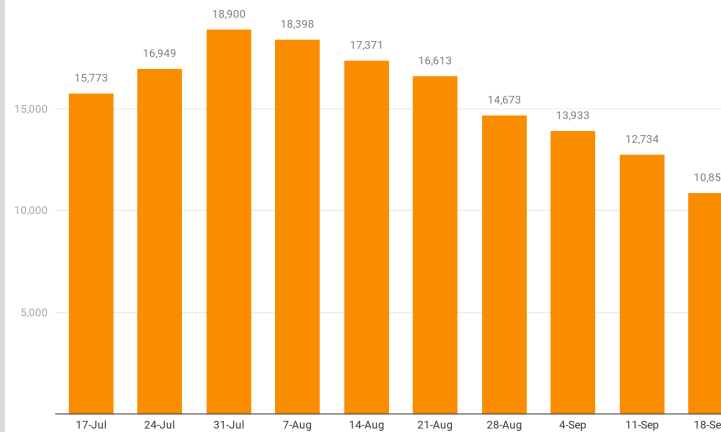
For the 7 days ending on date shown



The following states started reporting data on: HI, 7/30; ND, 8/19; SC, 7/28; TN, 8/12. The following states do not report: AL, AK, AR, CO, CT, FL, GA, LA, MD, MT, NE, NH, NM, PA, SD, VT, WA  
Chart: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

### Ventilator Days COVID-19 - United States

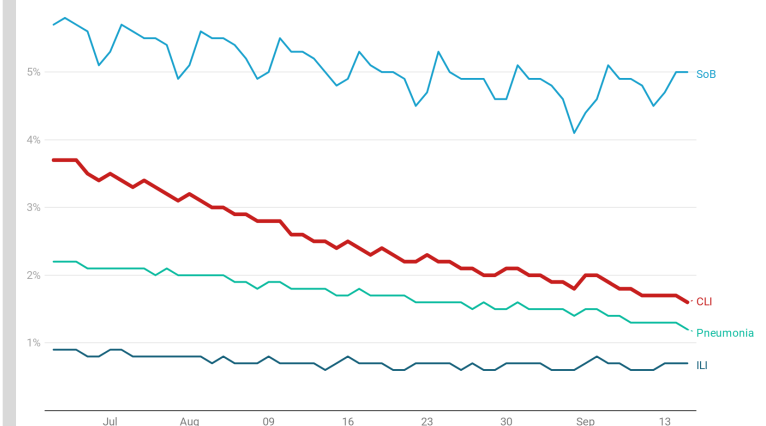
For the 7 days ending on date shown



The following states started reporting data: HI, 7/31; KS, 7/16; SC, 7/24; TN, 8/12. The following states do not report: AL, CA, CO, CT, FL, GA, ID, KY, MD, MN, MT, NH, NM, NC, ND, OK, SD, TX, UT, VT, WI, WY  
Chart: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

### % of Emergency Department Visits for COVID-Like Illness (CLI), Influenza-Like Illness (ILI), Pneumonia & Shortness of Breath (SoB)

As of September 15



Health Industry Advisor LLC analysis  
Chart: Health Industry Advisor LLC • Source: Centers for Disease Control • Created with Datawrapper

# Data Sources

The following data sources are accessed on a daily or weekly basis:

- The Atlantic's Covid Tracking Project: <https://covidtracking.com>
- Worldometers.info: <https://www.worldometers.info/coronavirus/>
- Centers for Disease Control, National, Regional, and State Level Outpatient Illness and Viral Surveillance  
<https://gis.cdc.gov/grasp/fluview/fluportaldashboard.html>
- Centers for Disease Control, COVID-19 Laboratory-Confirmed Hospitalizations  
[https://gis.cdc.gov/grasp/COVIDNet/COVID19\\_5.html](https://gis.cdc.gov/grasp/COVIDNet/COVID19_5.html)
- Centers for Disease Control, COVID Data Tracker <https://www.cdc.gov/covid-data-tracker/index.html#mobility>
- Institute for Health Metrics and Evaluation, COVID-19 estimate downloads  
<http://www.healthdata.org/covid/data-downloads>
- New York Times, Covid-19 data <https://github.com/nytimes/covid-19-data>
- COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University  
<https://github.com/CSSEGISandData/COVID-19>
- COVID-19 Projections Using Machine Learning, <https://covid19-projections.com>