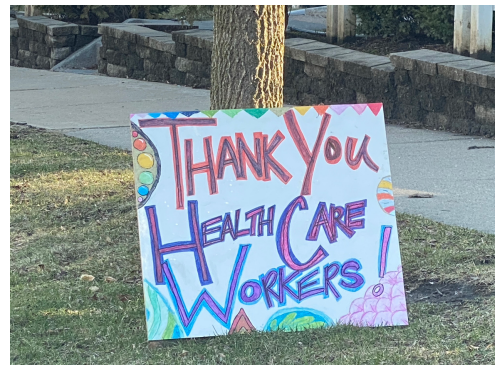
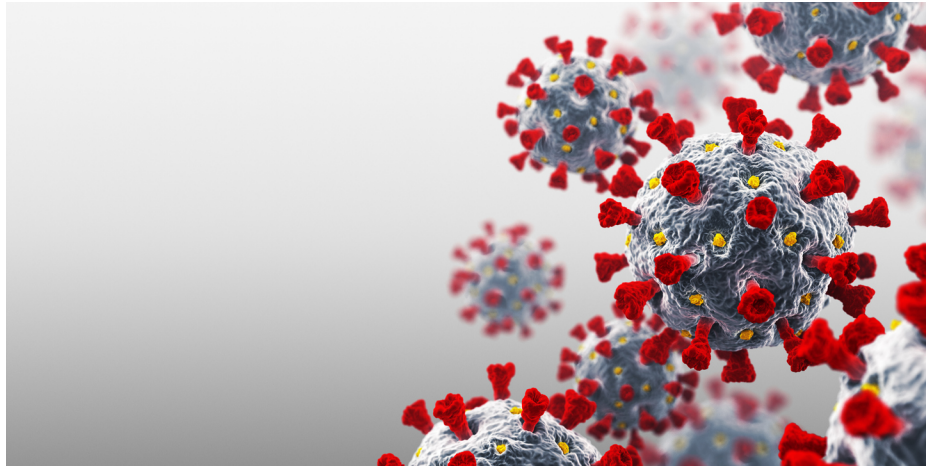
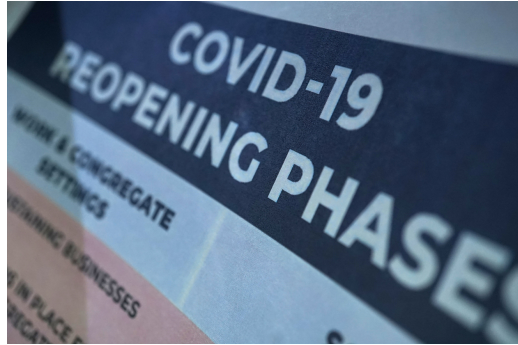




COVID-19 Report

Issue # 155

Saturday, September 5, 2020

- Reversing a downward trend seen in August, test volume picked back up last week - this week's volume was 10% higher than the prior week. Only during the consecutive three weeks of July 11-17, 18-24 and 25-31 were there more tests reported than this past week
- The test-positive rate declined again last week - for the 7th consecutive week. The current rate, however, remains above the WHO-suggested 5% target
- New cases and new infections per capita declined slightly from the prior week. With this modest decline, these rates have now declined for six consecutive weeks. Still, they remain significantly higher than rates from mid-May to mid-June
- Reported deaths fell sharply from last week, continuing the general decline in deaths over the past five weeks. They remain significantly higher than the low reported in early July
- Recoveries from the virus increased relative to last week, reversing a decline experienced in the prior three weeks
- Inpatient census of persons infected with the virus declined again last week, continuing a six-week-long pattern. During this time, this census had declined by 40%
- ICU census of COVID-19 infected persons also fell last week - for at least the 5th consecutive week (prior to that, fewer states reported these data, limiting comparisons). This census is down 35% during this 5-week period
- Ventilator days for COVID-19 patients also fell last week, this for the 5th consecutive week

Weekly Summary – Tests

Test volume improved from last week yet, remains below late-July levels; ahead of earlier months

Test-positive rate continues to improve; now lowest since mid-June

Weekly Tests - United States

For the 7 days ending on date shown

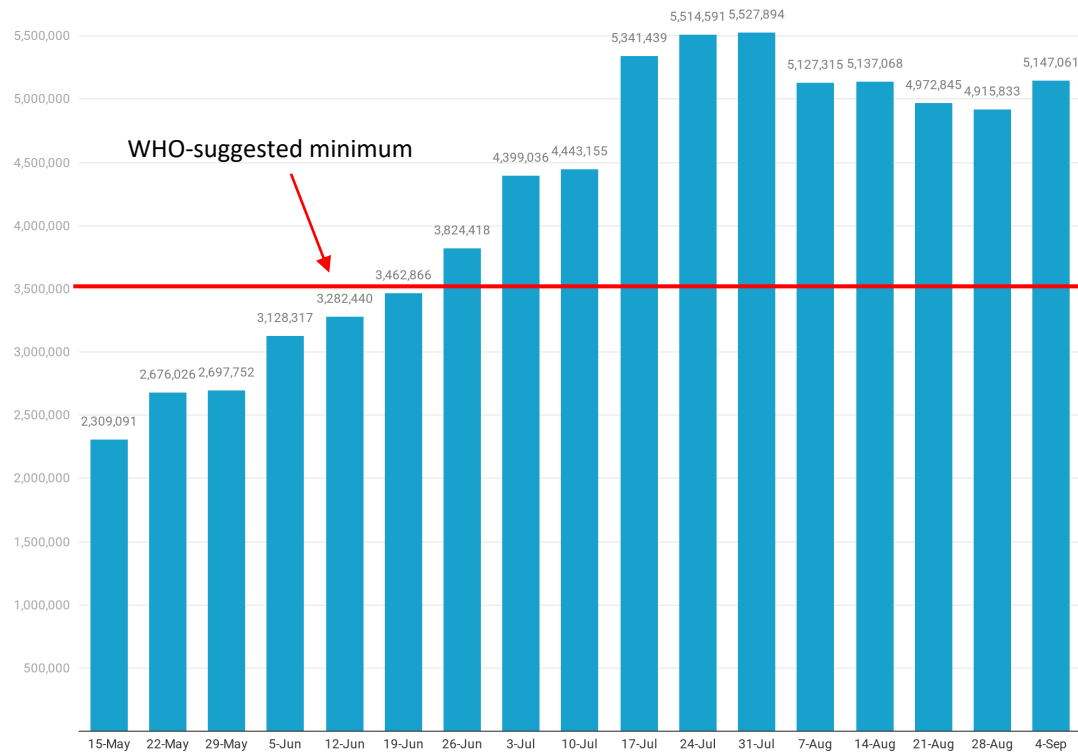


Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

Weekly Test-Positive% - United States

For the 7 days ending on date shown

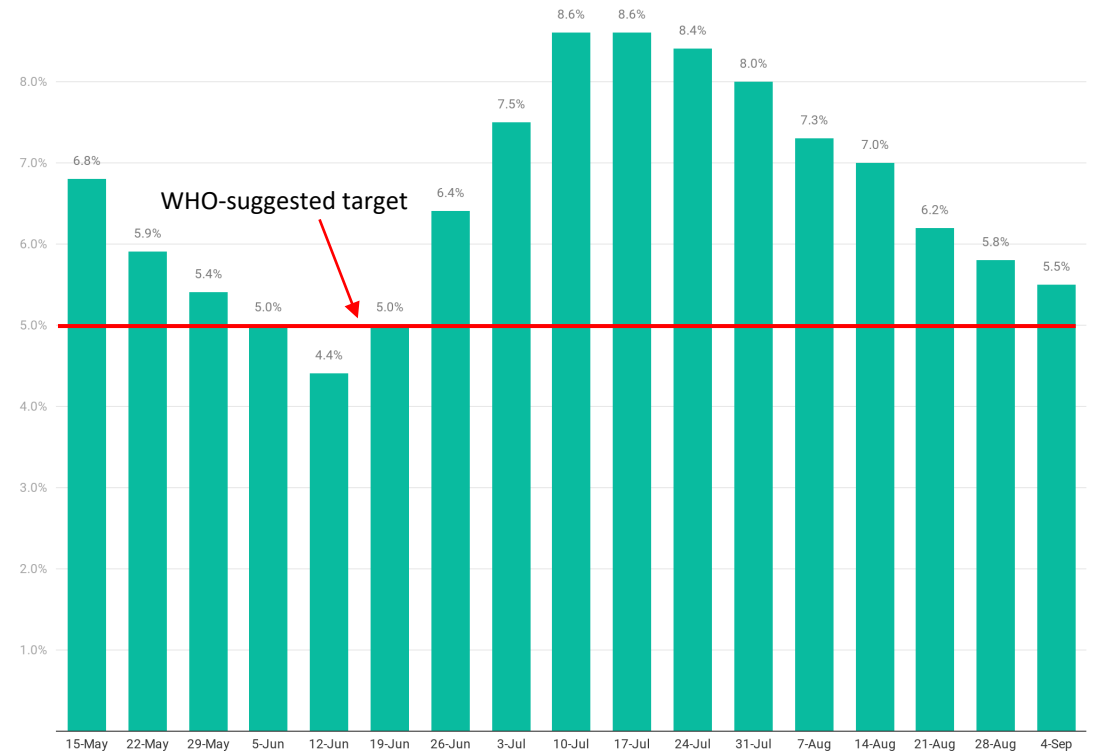


Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking project • Created with Datawrapper

Weekly Summary – New Cases (Infections)
New cases fell for the sixth consecutive weeks - although modestly
Current infection rate is lower than anytime since late-June

Weekly New Cases - United States

For the 7 days ending on date shown

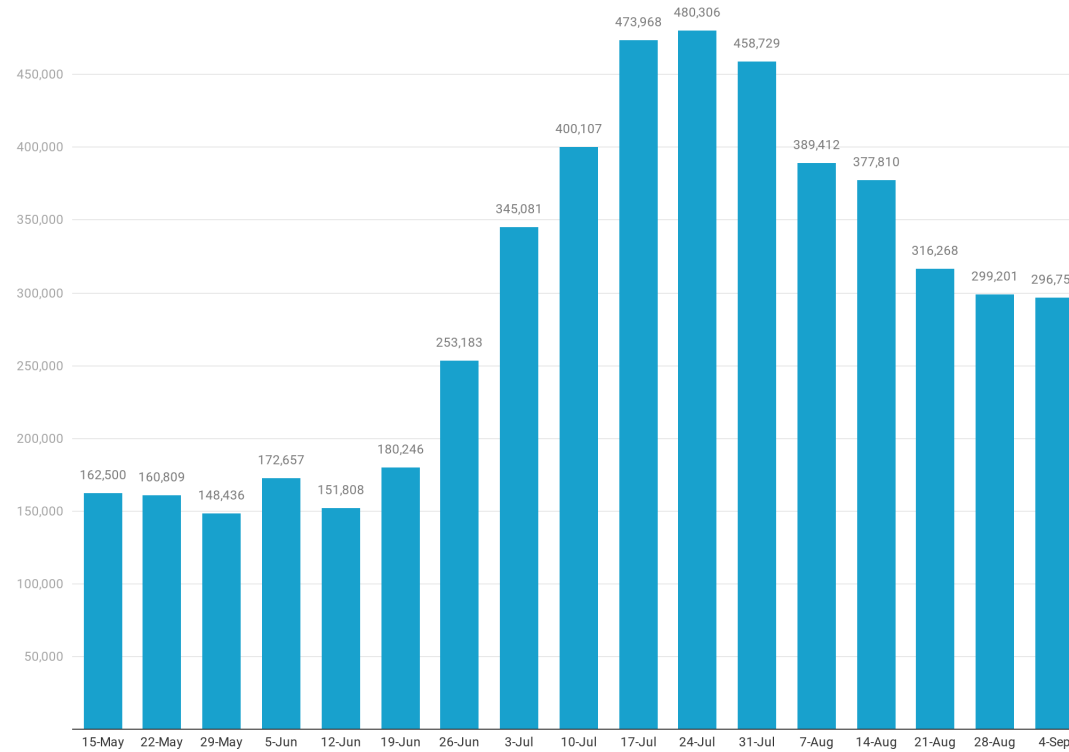


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

New Infections / Million - United States

For the 7 days ending on date shown

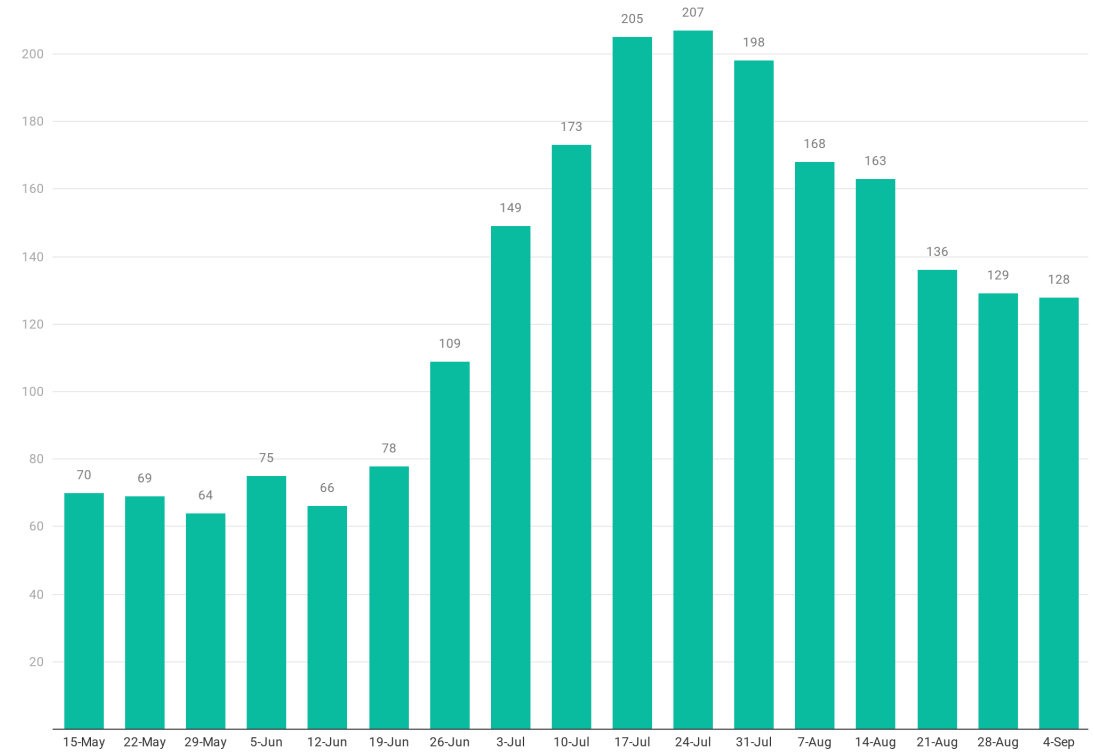


Chart: Health Industry Advisor LLC • Source: Worldometers.info • Created with Datawrapper

Weekly Summary – Deaths and Recoveries

Deaths declined again this week; Fewer deaths this week than anytime since July 11-17

Recoveries were higher this week than each of the past three weeks

Weekly Deaths - United States

For the 7 days ending on date shown

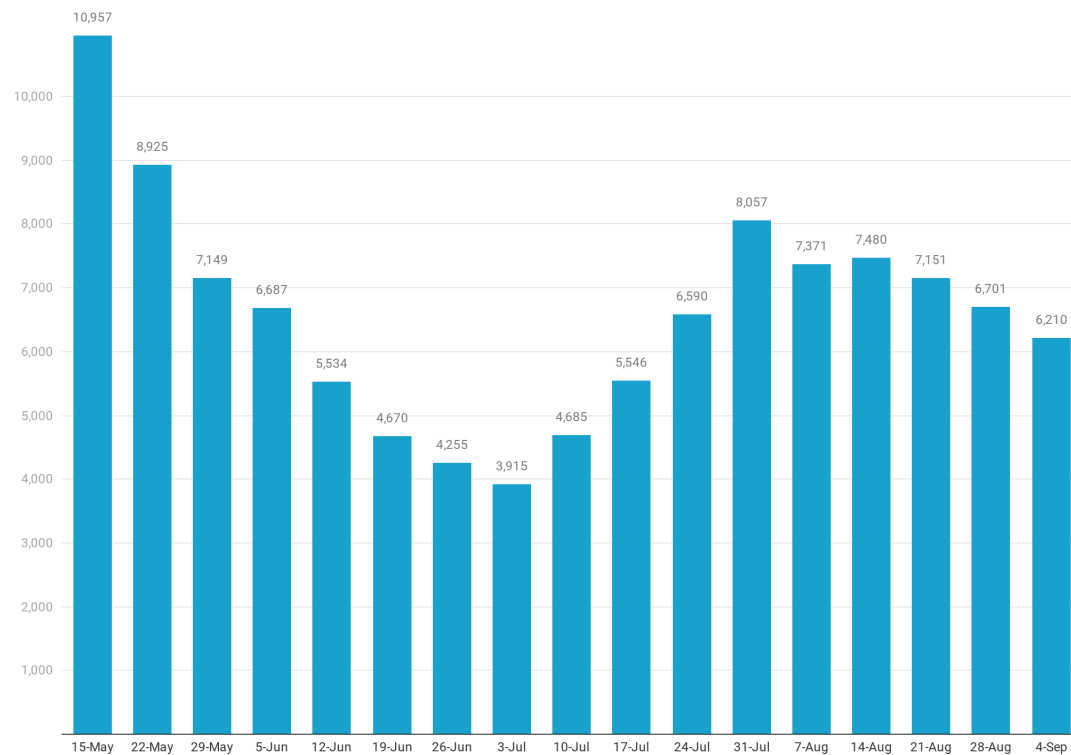


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Weekly Recoveries - United States

For the 7 days ending on date shown

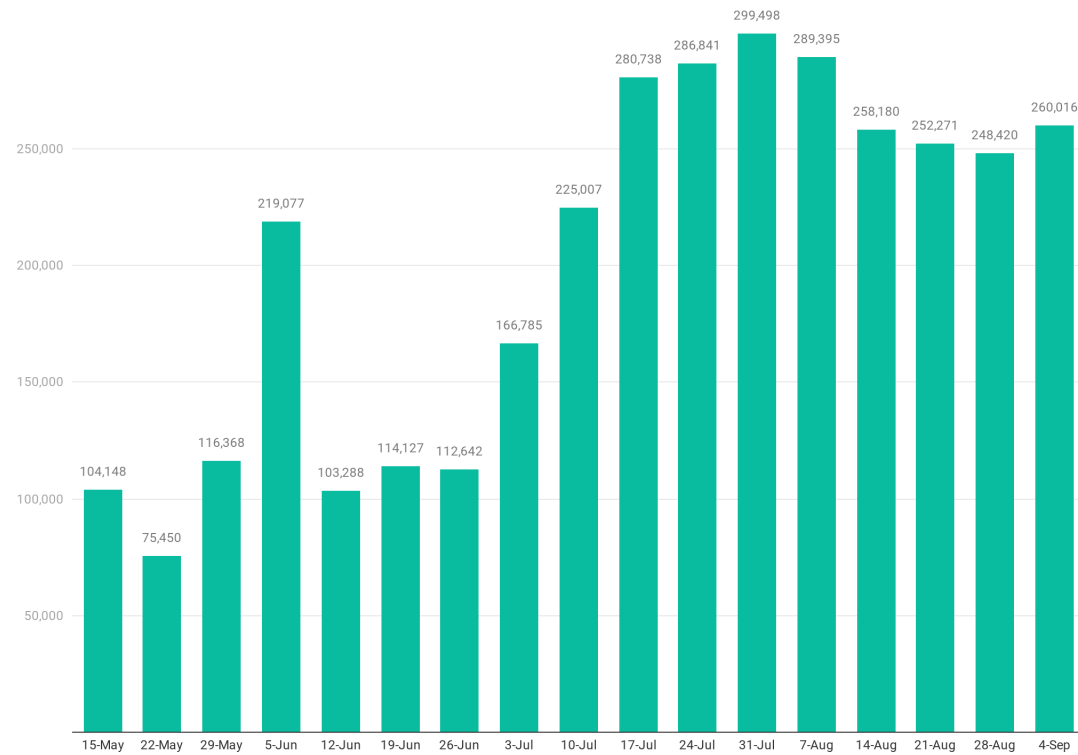
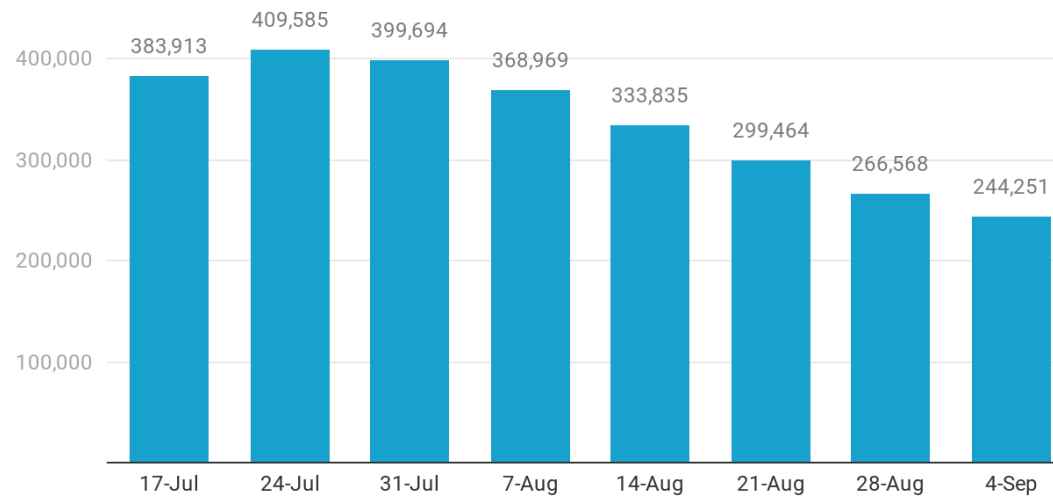


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Demand for inpatient beds, ICU and ventilators continued to decline

Weekly Inpatient Days COVID-19 - United States

For the 7 days ending on date shown

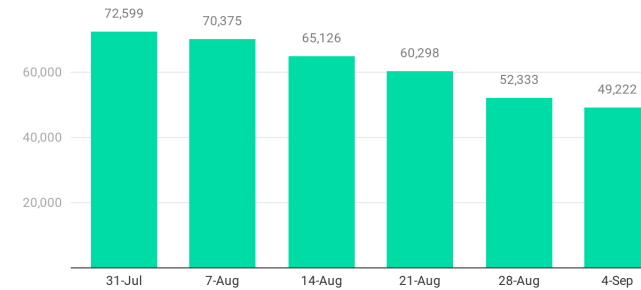


The following states started reporting data on: HI, 7/14; KS, 7/25

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



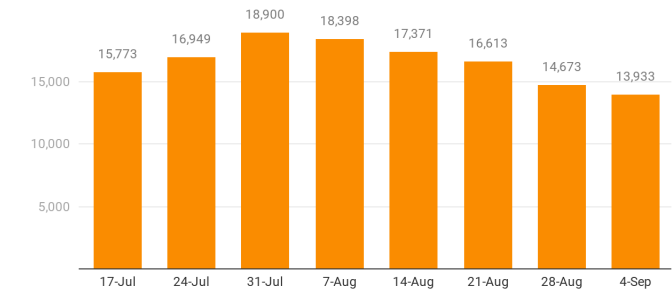
The following states started reporting data on: HI, 7/30; ND, 8/19; SC, 7/28; TN, 8/12. The following states do not report: AL, AK, AR, CO, CT, FL, GA, LA, MO, MT, NE, NH, NM, PA, SD, VT, WA

Chart: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

Note: Because fewer states reported these data prior to July 25, we do not go back as far for ICU beds

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

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
- 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>