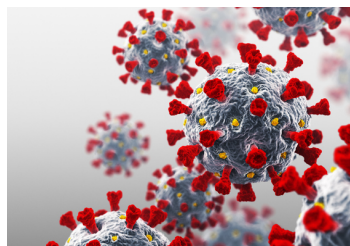


Covid-19 "Vital Signs"

Issue # 317

April 12, 2021



Vaccines Per Person – By Continent

North America has set the pace among the continents, followed by Europe. Rates are far too low in Africa.

Doses Per Person - By Continent

Most Recent Data, As of April 10

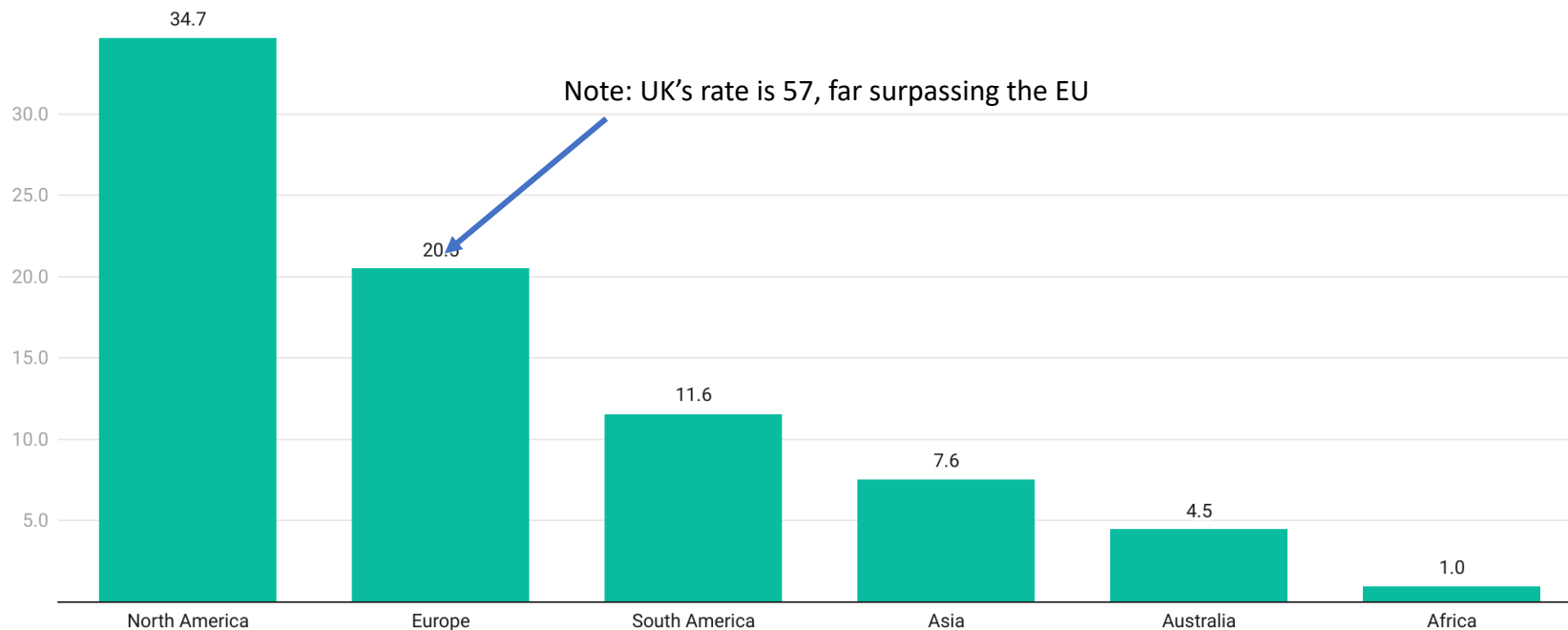


Chart: Health Industry Advisor LLC • Source: Our World In Data • Created with Datawrapper

Vaccines Per Person

Israel has set the pace among large countries. The United Kingdom and the United States have done reasonably well. Globally, the rollout has been disappointing and problematic.

Countries Administering Most Doses Per Capita

Most Recent Data, As of April 10

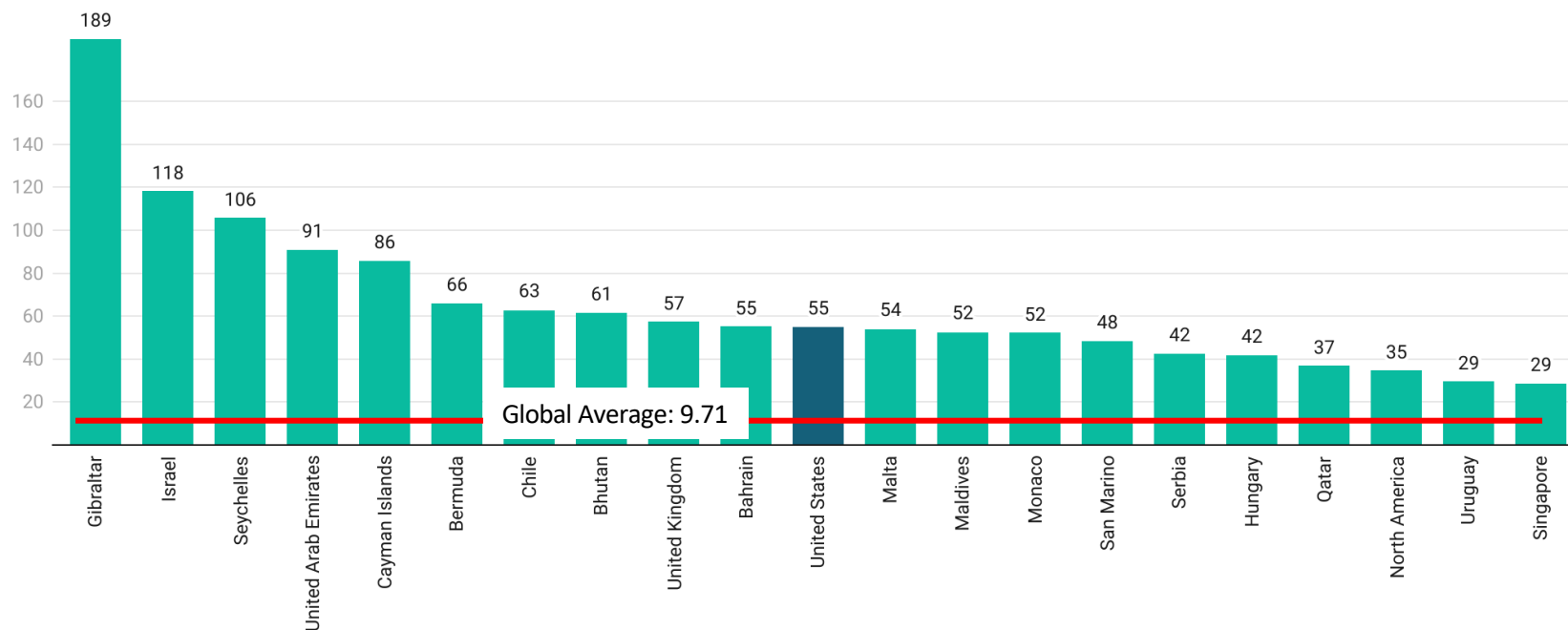


Chart: Health Industry Advisor LLC • Source: Our World In Data • Created with Datawrapper

Covid-19 “Vital Signs”

Vaccine Trends – Select Countries?

Israel has been the early pacesetter in vaccinations, which may have reached a plateau. Chile and the United States have accelerated the vaccination pace recently.

Doses Per Person

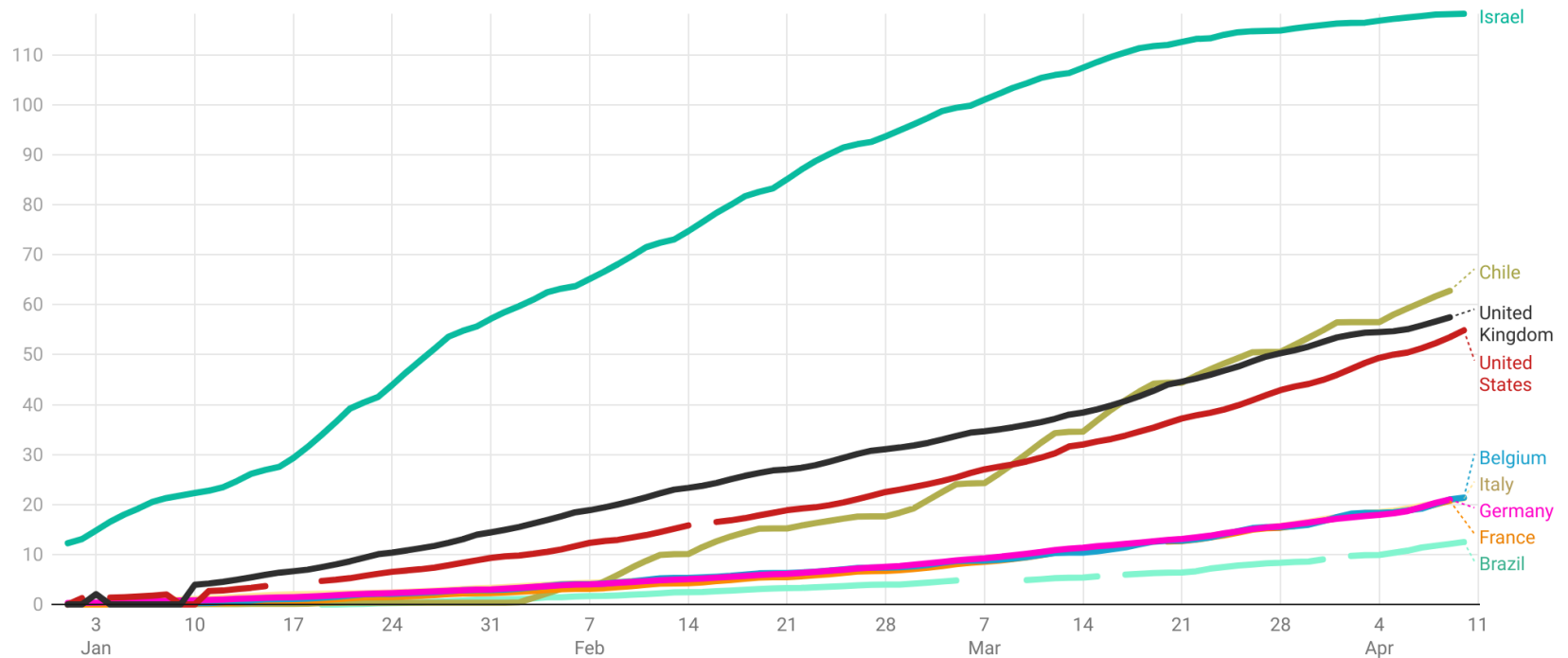
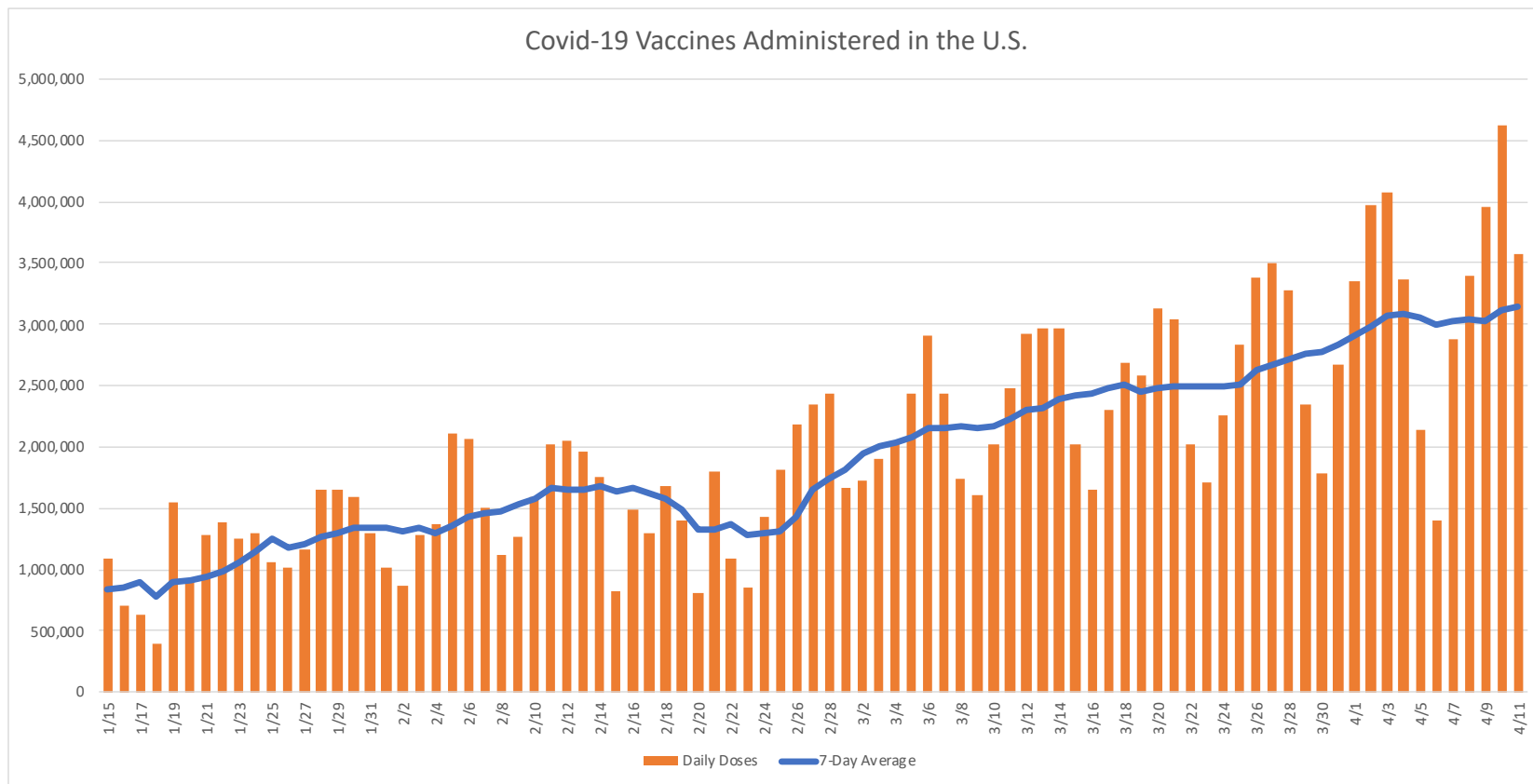


Chart: Health Industry Advisor LLC • Source: Our World in Data • Created with Datawrapper

Covid-19 "Vital Signs"

Pace of Vaccinations

The U.S. set a single-day record on Friday, with 4.6 million doses administered. The 7-day average similarly set a new high on Saturday, with 3.14 million daily doses.



Covid-19 “Vital Signs”

Vaccine Tracking

To date, the US has distributed nearly 237.7 million doses and administered 187 million. 72 million people are fully inoculated – 28.2% of the adult population. Another 43 million people have received the first of two required doses.

Vaccination Progress

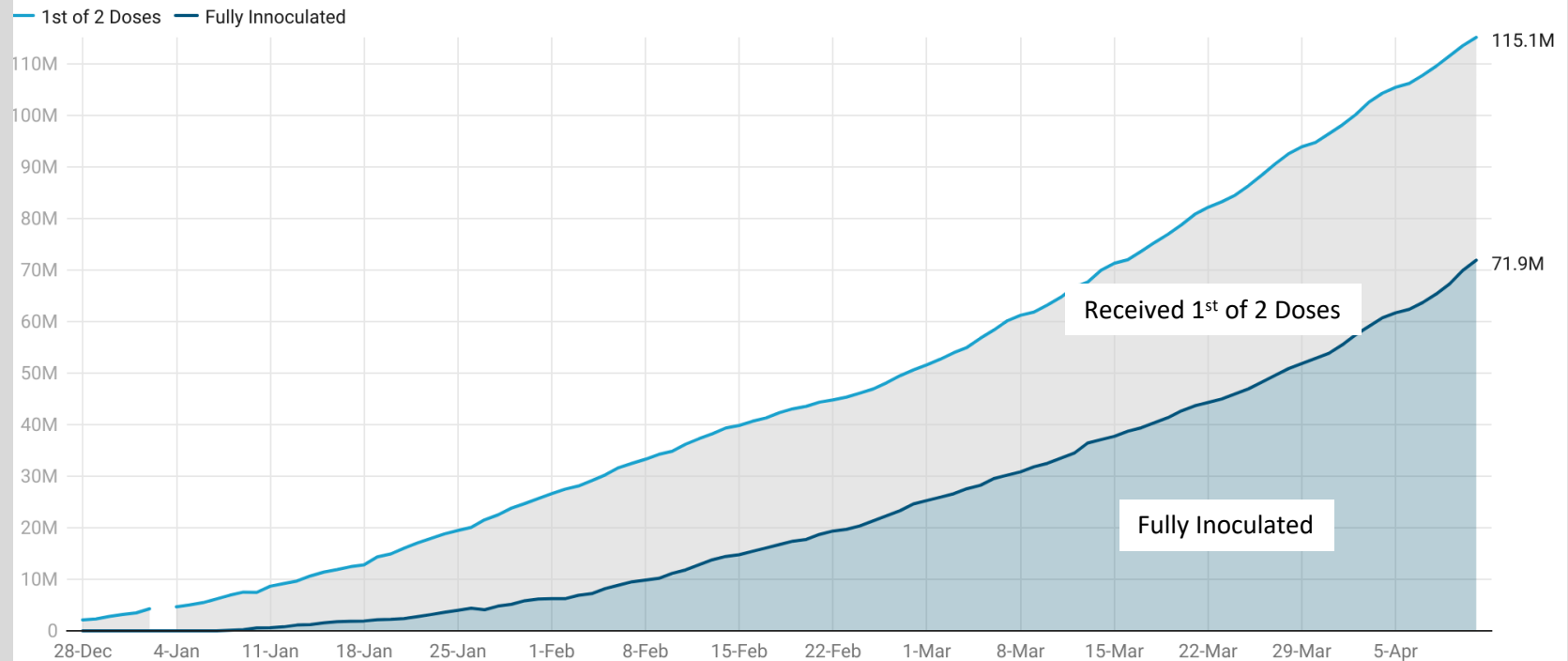


Chart: Health Industry Advisor LLC • Source: CDC, Bloomberg • Created with Datawrapper

Vaccine data from: [Centers for Disease Control and Prevention](#) and [Bloomberg Vaccine Tracker](#)

Covid-19 "Vital Signs"

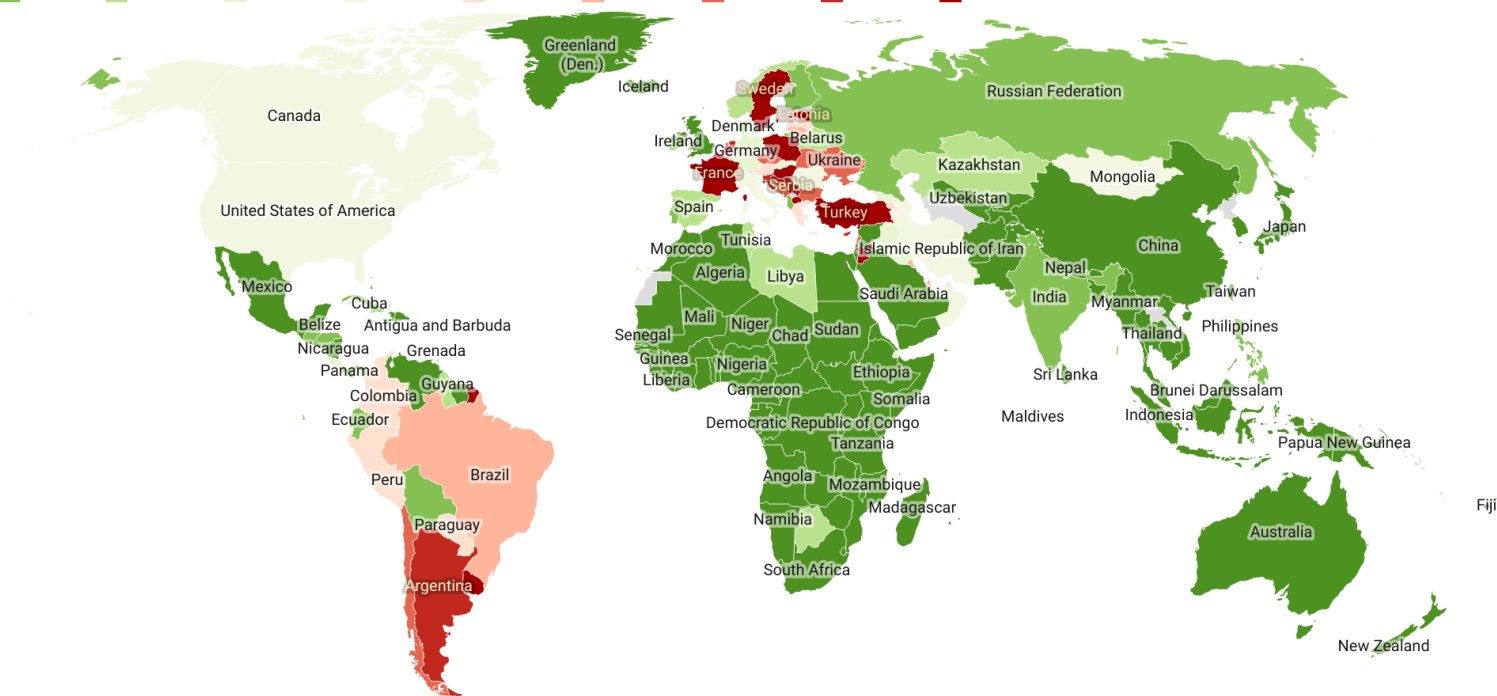
Newly Detected Cases / Million

Case rates are highest in parts of Europe and South America.

New Infections / Million

7-Day Moving Average, As of April 11

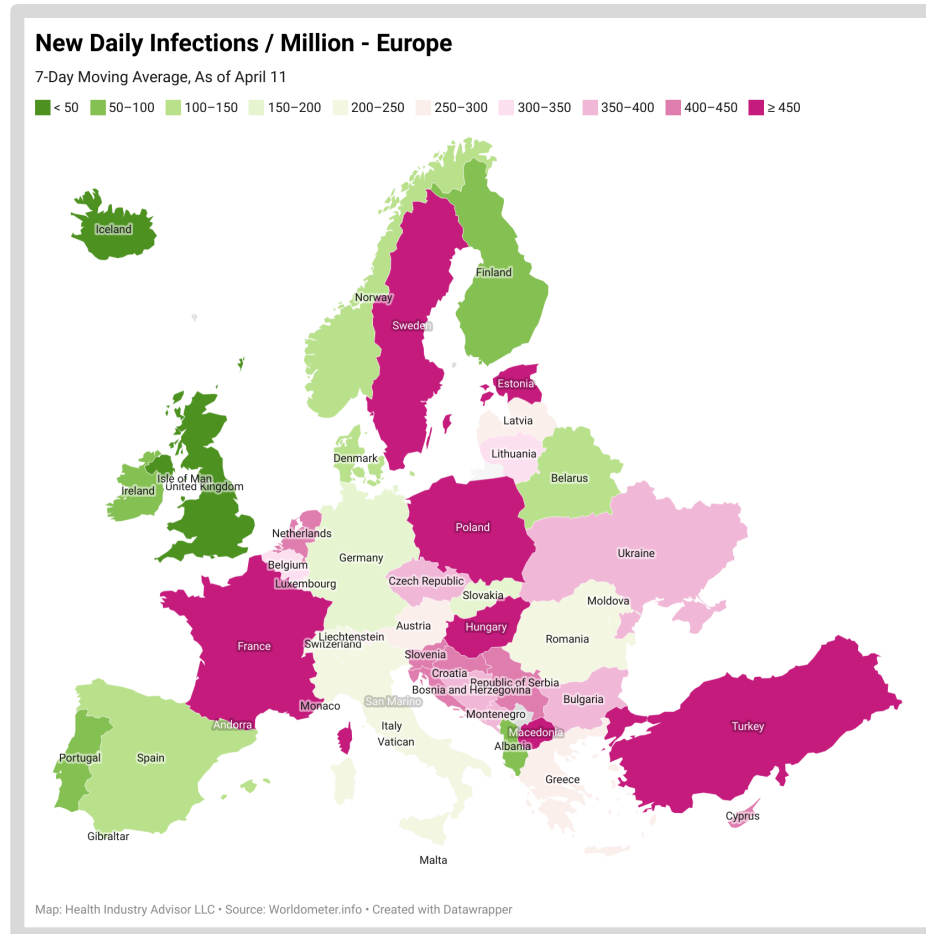
■ < 50
 ■ 50-100
 ■ 100-150
 ■ 150-200
 ■ 200-250
 ■ 250-300
 ■ 300-350
 ■ 350-400
 ■ 400-450
 ■ ≥ 450



Map: Health Industry Advisor LLC • Source: worldometer.info • Created with Datawrapper

Newly Detected Cases / Million

Large parts of the European Union are suffering with high case rates.



Covid-19 "Vital Signs"

Case Trends – Select Countries of Interest

Case rates have declined or remained stable in three countries with relatively high vaccination rates – Israel, the United Kingdom and the United States. Rates are high in several countries with relatively low vaccination rates.

Newly Detected Cases Per Million: Select Countries of Interest

7-Day Moving Average

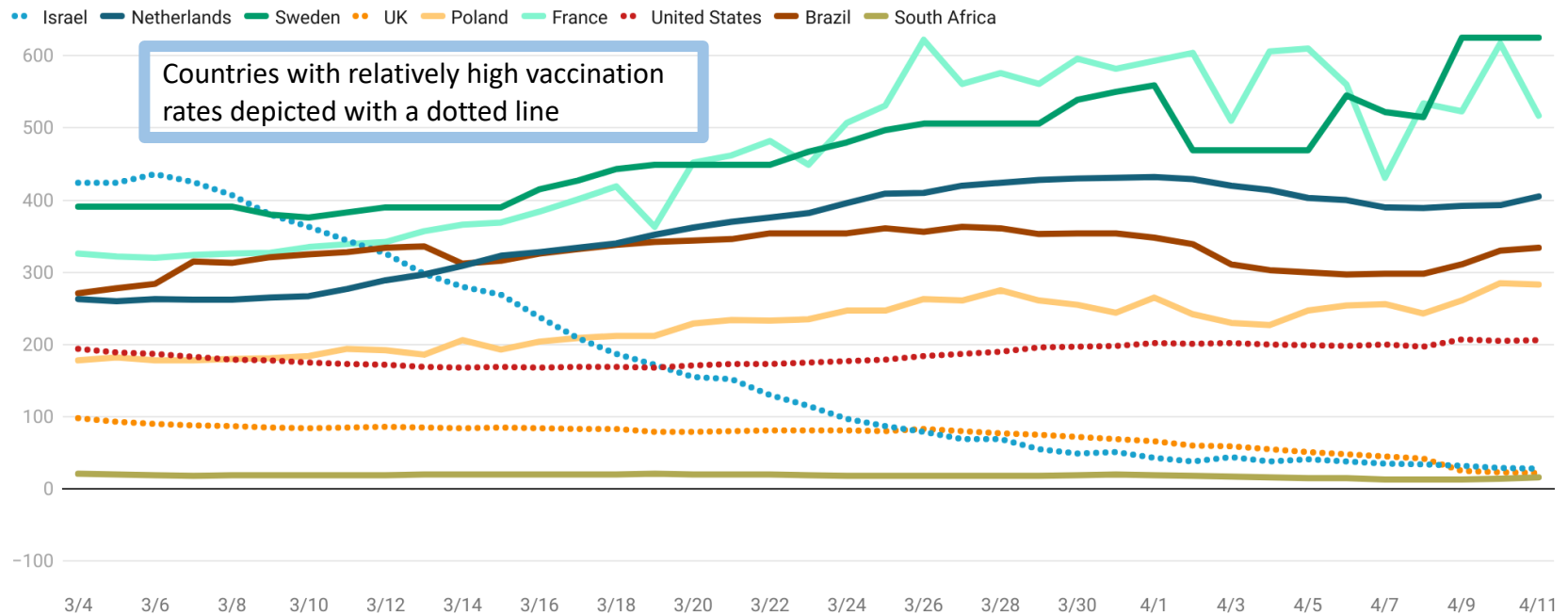


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Covid-19 "Vital Signs"

Newly Detected Cases Per Day

In the US, 7-day new case rates increased 6% week-over-week, after growing more than 5% the prior week and nearly 10% a week earlier. Outside the U.S., cases increased nearly 12% week-over-week after increasing 6% the week prior and 14% two weeks earlier.

Newly Detected Cases

As of April 8

■ United States ■ Outside the US

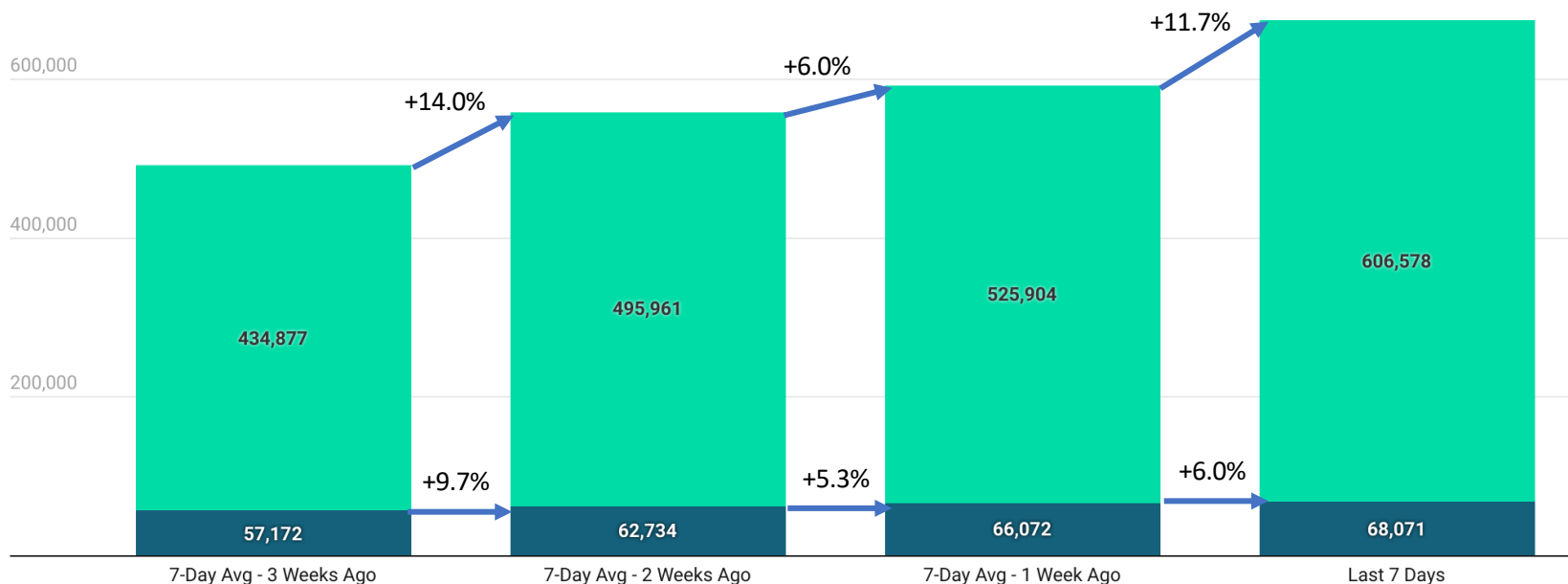


Chart: Health Industry Advisor LLC • Source: The Atlantic • Created with Datawrapper

Covid-19 "Vital Signs"

Newly Detected Cases / Million - US

The 7-day new case rate in the United States rose from March 16 through April 1 but has slowed or even crested since.

Newly-Detected Cases / Million

7-Day Average

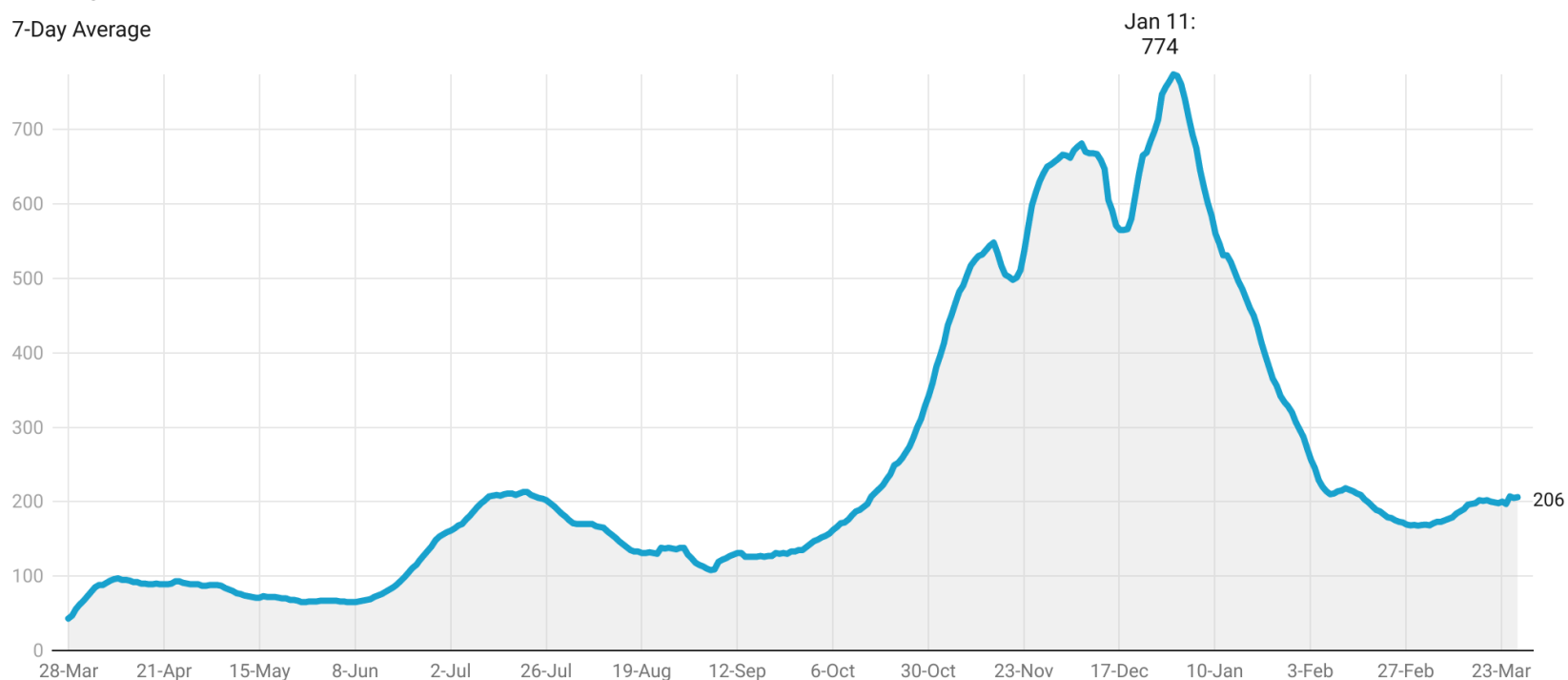


Chart: Health Industry Advisor LLC • Created with Datawrapper

Covid-19 “Vital Signs”

Covid-19 Inpatient Census

Covid-19 inpatient census has moved up somewhat since mid-March yet remains substantially lower than it was in January and February.

Covid-19 Inpatient Census

Through April 9

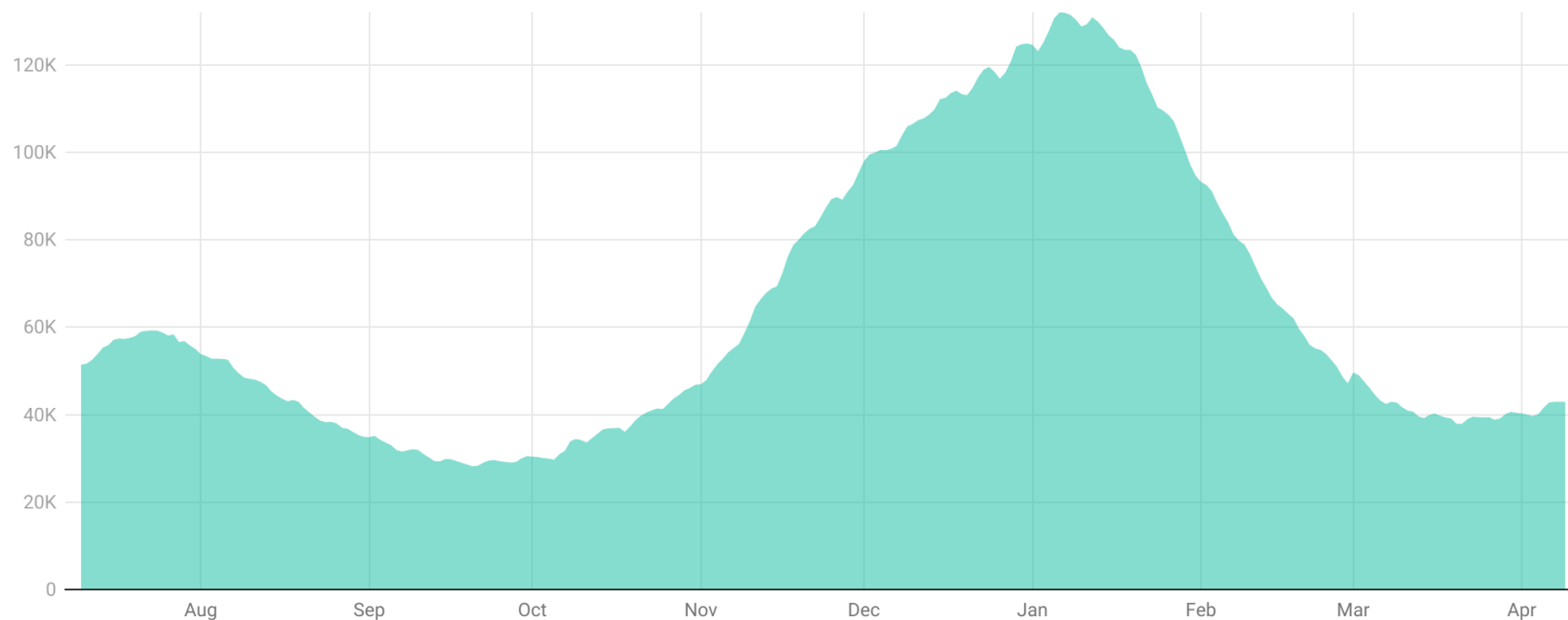


Chart: Health Industry advisor LLC • Source: U.S. Department of Health & Human Services • Created with Datawrapper

Covid-19 "Vital Signs"

Covid-19 Inpatient Census

Covid-19 inpatient census increased Friday on a week-over-week basis, after being relatively stable over the prior three weeks.

Hospitalized Covid-19 Patients

Compared to Same Day, Prior Weeks

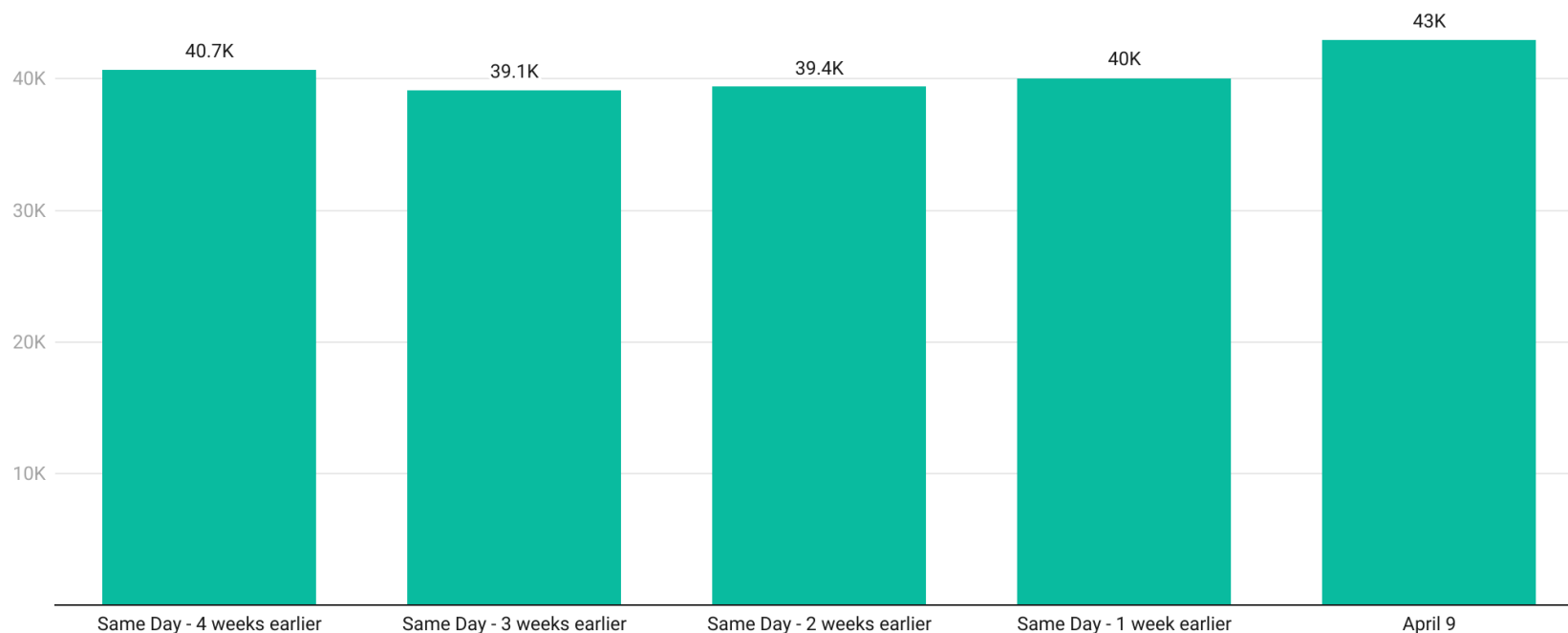


Chart: Health Industry Advisor LLC • Source: U.S. Department of Health & Human Services • Created with Datawrapper

Covid-19 "Vital Signs"

Deaths With Coronavirus

Deaths with coronavirus (7-day average) have declined nearly 80% since a peak in late January. This rate is lower than it has been in nearly six months.

Deaths with Coronavirus

7-Day Average

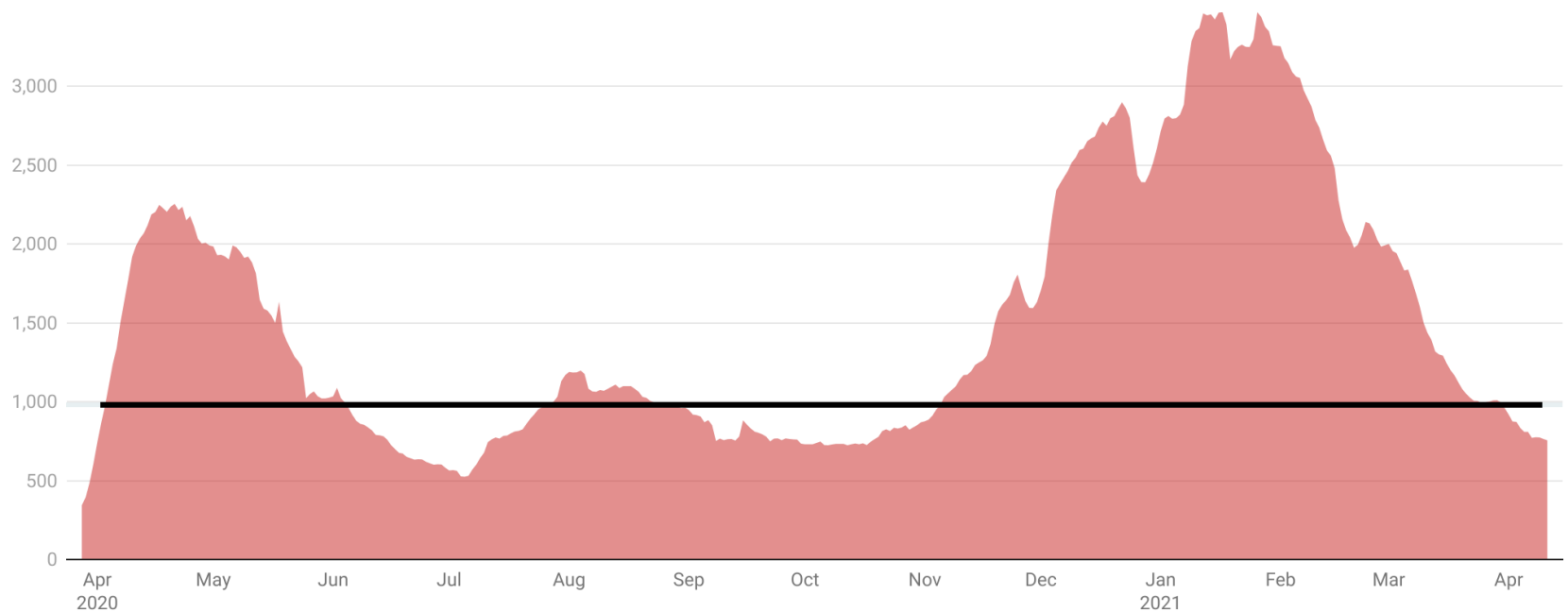


Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Deaths Reported With Coronavirus

Deaths declined nearly 10% week-over-week and more than 26% in three weeks.

Daily Deaths Reported With Coronavirus

As of April 11

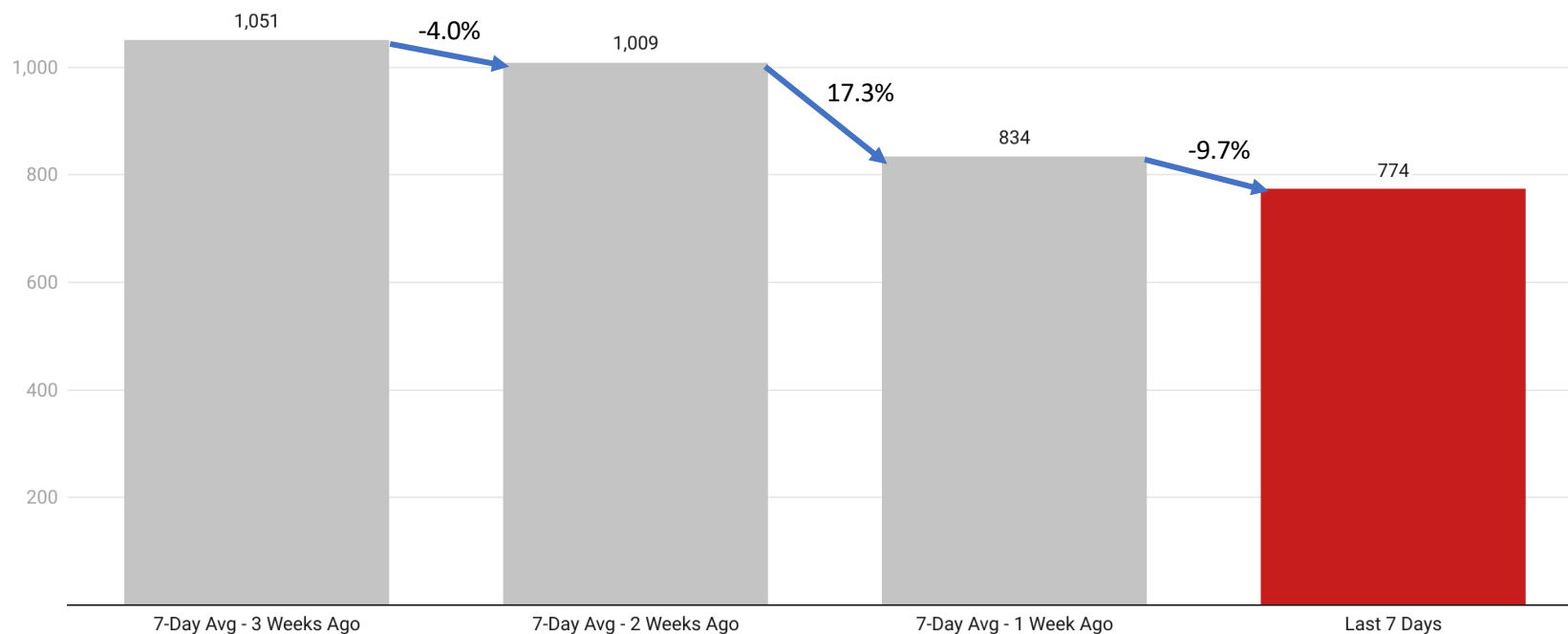


Chart: Health Industry Advisor LLC • Source: The Atlantic • Created with Datawrapper

Sources

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

- U.S. Department of Health & Human Services: <https://healthdata.gov/dataset/covid-19-estimated-patient-impact-and-hospital-capacity-state>
- U.S. Department of Health & Human Services <https://beta.healthdata.gov/dataset/COVID-19-Diagnostic-Laboratory-Testing-PCR-Testing/j8mb-icvb>
- Worldometers.info: <https://www.worldometers.info/coronavirus/>
- Centers for Disease Control and Prevention, National, Regional, and State Level Outpatient Illness and Viral Surveillance <https://gis.cdc.gov/grasp/fluview/fluportaldashboard.html>
- Centers for Disease Control and Prevention, COVID-19 Laboratory-Confirmed Hospitalizations https://gis.cdc.gov/grasp/COVIDNet/COVID19_5.html
- Centers for Disease Control and Prevention, COVID Data Tracker <https://www.cdc.gov/covid-data-tracker/index.html#mobility>
- Centers for Disease Control and Prevention, Vaccines, <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/index.html>
- 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>
- Our World In Data, <https://ourworldindata.org/covid-vaccinations>
- Covid-19 Forecast Hub, <https://viz.covid19forecasthub.org>
- Yale School of Public Health & Harvard TH Chan School of Public Health, <https://covidestim.org>
- Bloomberg Vaccine Trackers, <https://www.bloomberg.com/graphics/covid-vaccine-tracker-global-distribution/?sref=Z0b6TmH>