



**\*\*Extraordinary Assumptions:** There are a lot of different data sources in this report not all of them match but aid to provide an overall picture of the current situation. COVID-19 Data Source Comparison - [https://covid-19.splunkforgood.com/covid\\_19\\_datasource\\_comparison](https://covid-19.splunkforgood.com/covid_19_datasource_comparison)

# Daily Situation Summary

## Wednesday, August 5, 2020

### As of 10:00 AM

#### COVID-19 by the Numbers

08/05/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Sana Barbra	Ventura	California	United States	Global
Total Cases	38,642	7,953	21,285	194,103	37,705	33,979	30,228	1,863	6,580	8,084	519,427	4,698,818	18,354,342
New Cases	135	34	123	1,623	439	336	343	42	48	70	4,526	49,716	206,709
Total Cases Per Capita	1,621	4,413	2,410	1,922	1,192	1,591	915	662	1,483	953	1,327	1,424	239
New Cases Per Capita	6	19	14	16	14	16	10	15	11	8	12	15	3
Recovered	<a href="#">20,079</a>	<a href="#">9,513</a>	<a href="#">5,878</a>	<a href="#">Not Reported</a>	<a href="#">26,234</a>	<a href="#">24,741</a>	<a href="#">23,952</a>	<a href="#">1,590</a>	<a href="#">6,235</a>	<a href="#">4,139</a>	<a href="#">194,833</a>	<a href="#">2,483,903</a>	<a href="#">11,977,394</a>
Total Deaths	737	222	144	4,701	651	418	565	16	61	76	9,501	155,204	696,147
New Deaths	42	2	0	9	0	1	0	1	1	0	113	733	5,116
Deaths Per Capita	30.92	123.19	16.31	46.55	20.57	19.57	17.11	5.68	13.75	8.96	24.27	47.02	9.08
Presumptive active cases	17,826	-1,782	15,263		10,820	8,820	5,711	257	284	3,869	315,093	2,059,711	5,680,801
% of State's Cases	7.44%	1.53%	4.10%	37.37%	7.26%	6.54%	5.82%	0.36%	1.27%	1.56%	<b>11.05%</b>	<b>25.60%</b>	
Currently in Hospitals	512	53	333	2,263	605	642	375	16	94	119	7,629		
Total Hospital Beds	3,237	261	1,292	19,088	5,723	3,899	6,123	452	666	1,314	65,466		
Currently in ICU	133	21	72	545	175	193	113	5	25	18	1,909		
ICU Beds Available	95	2	35	952	316	116	304	21	48	44	2,603		
Case Fatality Rate	1.9%	2.8%	0.7%	2.4%	1.7%	1.2%	1.9%	0.9%	0.9%	0.9%	1.8%	3.3%	3.8%
Population*	2,383,286	180,216	883,053	10,098,052	3,164,182	2,135,413	3,302,833	281,455	443,738	848,112	39,148,760	330,058,400	7,669,357,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	<b>0.16%</b>	<b>0.0613%</b>	

Sources: CDPH, WHO, CDC

The date for which case statistics and hospital data were reported. Hospital COVID data are self-reported through a portal managed by the California Hospital Association and pulled at 2pm. COVID case statistics are reported by local health departments to CalREDIE and are pulled at 2pm. Hospital data and case statistics are integrated by the California Department of Technology and made available through the Open Data Portal the following morning. CA Open Data Portal is at least 24 Hours behind

\*California-Demographics.com is made by Cubit – a demographic data provider & census.gov

Presumptive active cases - A calculation (Total Cases - Recovered - Dead) (LA County does not report recovery rates and Imperial County case data reporting is delayed to the state data source)

#### Global Data

More detail on page 2

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#### Riverside County Data

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#### Weather

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# Global Data

[https://covid-19.splunkforgood.com/covid\\_19\\_datasource\\_comparison](https://covid-19.splunkforgood.com/covid_19_datasource_comparison)

## Total Confirmed Cases

Environmental Systems Research Institute (ESRI)

18,576,034

Updated every 5 minutes

John's Hopkins University

18,540,119

Updated daily

ECDC Daily Update

18,519,579

Updated daily

## Total Deaths

Environmental Systems Research Institute (ESRI)

701,665

Updated every 5 minutes

John's Hopkins University

700,647

Updated daily

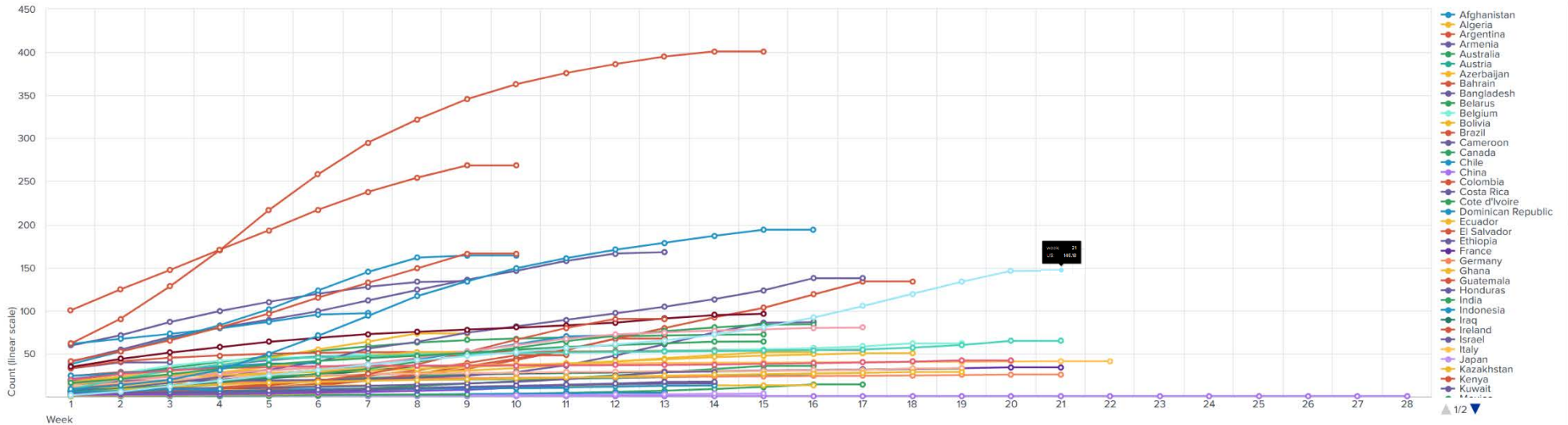
ECDC Daily Update

700,539

Updated daily

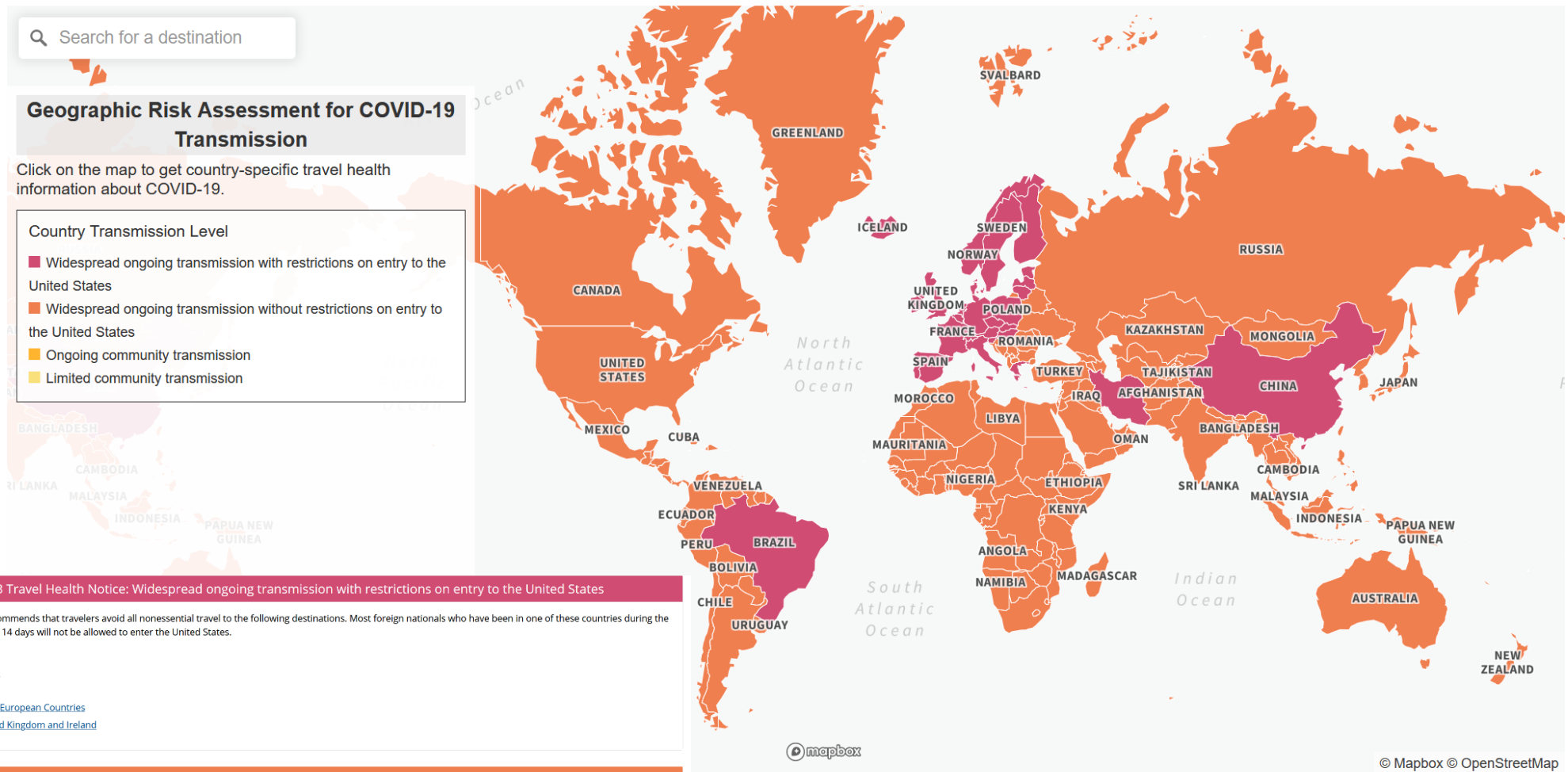
[https://covid-19.splunkforgood.com/covid\\_19\\_detailed](https://covid-19.splunkforgood.com/covid_19_detailed)

Number of Confirmed Cases per 10,000 Members of the Country's Population  
Countries with at least 15,000 Confirmed



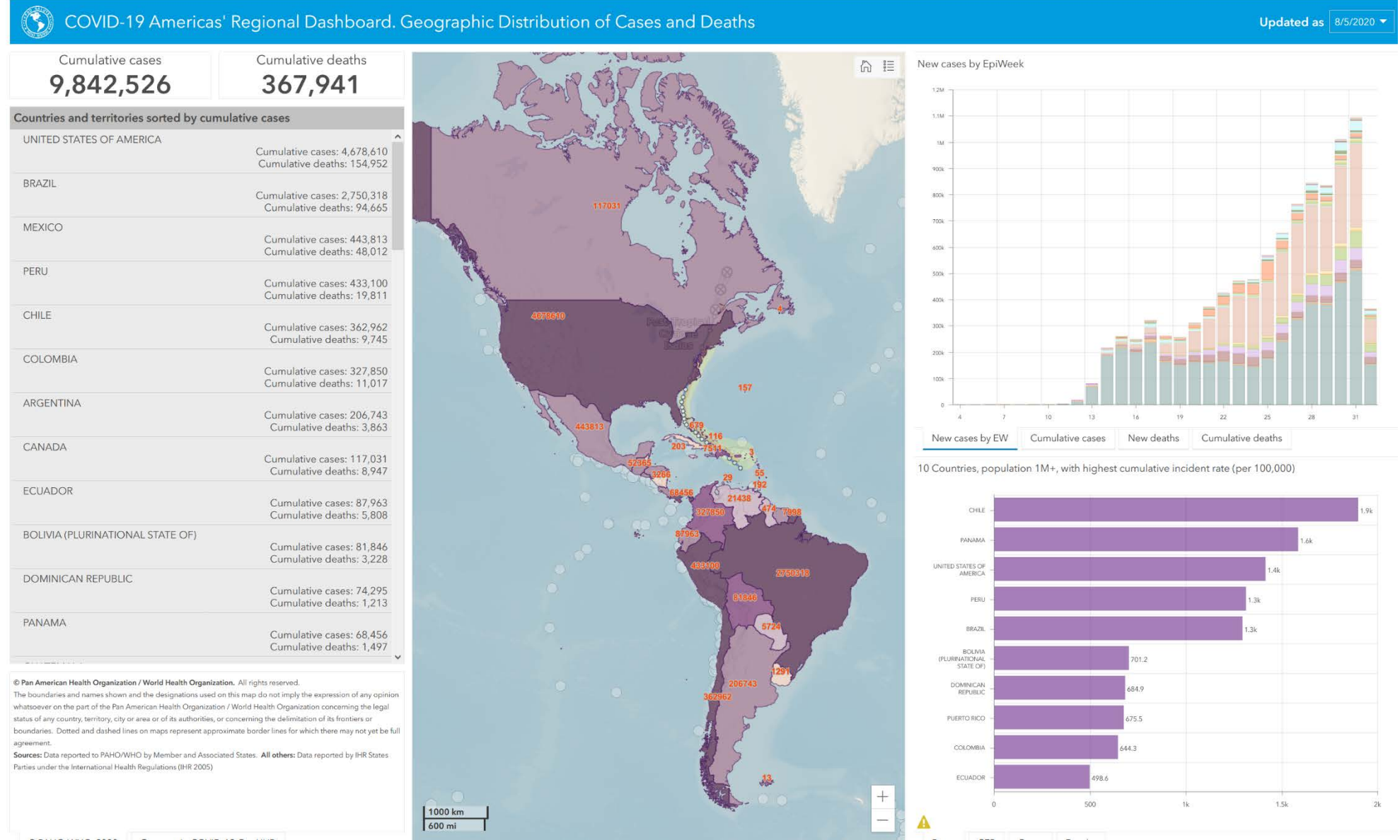
# COVID-19 Travel Recommendations by Country

<https://www.cdc.gov/coronavirus/2019-ncov/travelers/map-and-travel-notice.html>



# PAHO

<https://who.maps.arcgis.com/apps/dashboards/efb745c3d88647779beccb91c0e715f9>



# Case information and doubling rate

<https://ais.paho.org/phis/viz/COVID-19-Cases-Deaths.asp>

## COVID-19 data reported by countries and territories in the Region of the America

Data reported as of 5 August, 20..

Select Cases / Deaths

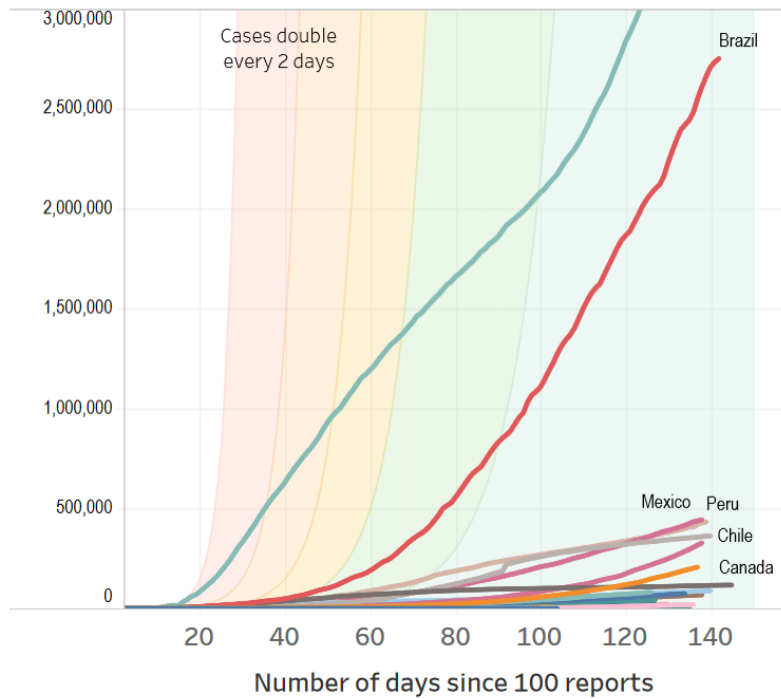
Cases ▼

Cases double

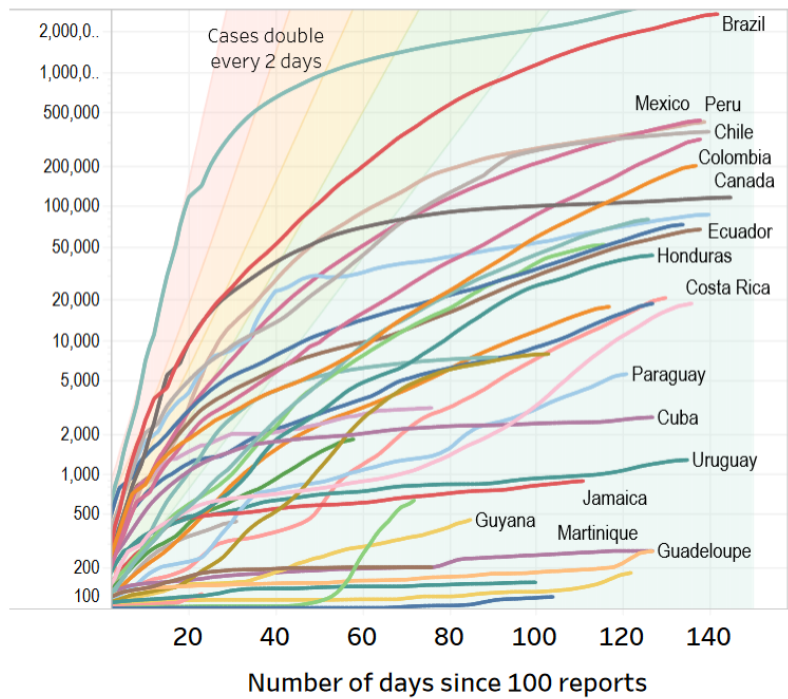
- Every 2 days
- Every 3 days
- Every 4 days
- Every 5 days
- Every 7 days

<span style="color: blue;">■</span> ABW	<span style="color: olive;">■</span> BLM	<span style="color: gray;">■</span> CAN	<span style="color: brown;">■</span> CYM	<span style="color: green;">■</span> GRD	<span style="color: red;">■</span> JAM	<span style="color: purple;">■</span> MTQ	<span style="color: orange;">■</span> SLV	<span style="color: teal;">■</span> URY
<span style="color: lightblue;">■</span> AIA	<span style="color: yellow;">■</span> BLZ	<span style="color: lightgray;">■</span> CHL	<span style="color: tan;">■</span> DMA	<span style="color: lightgreen;">■</span> GTM	<span style="color: pink;">■</span> KNA	<span style="color: lavender;">■</span> NIC	<span style="color: lightorange;">■</span> SPM	<span style="color: lightteal;">■</span> USA
<span style="color: orange;">■</span> ARG	<span style="color: darkteal;">■</span> BMU	<span style="color: magenta;">■</span> COL	<span style="color: blue;">■</span> DOM	<span style="color: gold;">■</span> GUF	<span style="color: darkgray;">■</span> LCA	<span style="color: brown;">■</span> PAN	<span style="color: green;">■</span> SUR	<span style="color: red;">■</span> VCT
<span style="color: lightorange;">■</span> ATG	<span style="color: lightteal;">■</span> BOL	<span style="color: pink;">■</span> CRI	<span style="color: lightblue;">■</span> ECU	<span style="color: yellow;">■</span> GUY	<span style="color: gray;">■</span> MAF	<span style="color: tan;">■</span> PER	<span style="color: lightgreen;">■</span> SXM	<span style="color: lightred;">■</span> VEN
<span style="color: green;">■</span> BES	<span style="color: red;">■</span> BRA	<span style="color: purple;">■</span> CUB	<span style="color: orange;">■</span> FLK	<span style="color: darkteal;">■</span> HND	<span style="color: magenta;">■</span> MEX	<span style="color: blue;">■</span> PRI	<span style="color: olive;">■</span> TCA	<span style="color: darkgray;">■</span> VGB
<span style="color: lightgreen;">■</span> BHS	<span style="color: lightred;">■</span> BRB	<span style="color: lavender;">■</span> CUW	<span style="color: lightorange;">■</span> GLP	<span style="color: lightteal;">■</span> HTI	<span style="color: pink;">■</span> MSR	<span style="color: lightblue;">■</span> PRY	<span style="color: yellow;">■</span> TTO	<span style="color: gray;">■</span> VIR

**Doubling time for COVID-19 Cases in the Americas**  
Normal scale



**Doubling time for COVID-19 Cases in the Americas**  
Logarithmic scale



# News

## Despite Mask Wars, Americans Support Aggressive Measures To Stop COVID-19, Poll Finds

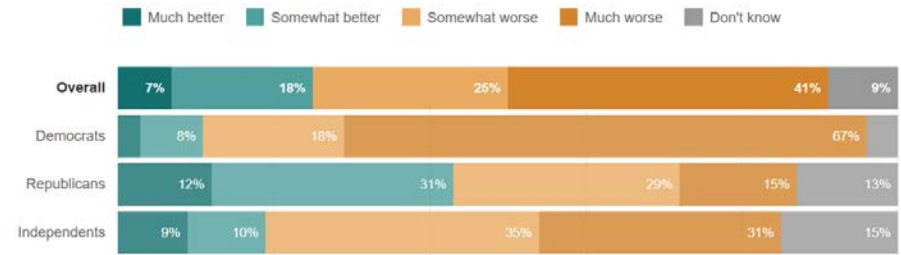
- With the national death toll from COVID-19 passing the grim 150,000 mark, an NPR/Ipsos poll finds broad support for a single, national strategy to address the pandemic and more aggressive measures to contain it.
- Two-thirds of respondents said they believe the U.S. is handling the pandemic worse than other countries, and most want the federal government to take extensive action to slow the spread of the coronavirus, favoring a top-down approach to reopening schools and businesses.
- "We've come to a pretty dire place when it comes to both the death toll and the spread of coronavirus across the country," said Mallory Newall, a pollster with Ipsos. "Americans, as they grapple with the reality of just how grave the situation is, they're looking for sweeping, really broad, powerful action here."
- While debates over masks and whether to reopen have dominated headlines, more than three-quarters of respondents support enacting state laws to require mask wearing in public at all times. And nearly 60% said they would support a nationwide order making it mandatory to shelter at home for two weeks.
- The findings come as federal public health officials warn of a new phase in the pandemic, with widespread infections across the country, and as the president openly feuds with those advisers. The poll was conducted July 30-31 and surveyed 1,115 adults from the continental U.S., Alaska and Hawaii.

• "We're doing absolutely worse" compared with other countries, said Laura Braslow, a Republican in Quakertown, Pa., who took part in the survey. <https://www.npr.org/2020/08/04/898522180/despite-mask-wars-americans-support-aggressive-measures-to-stop-covid-19-poll-fi?sc=18&f=1001>

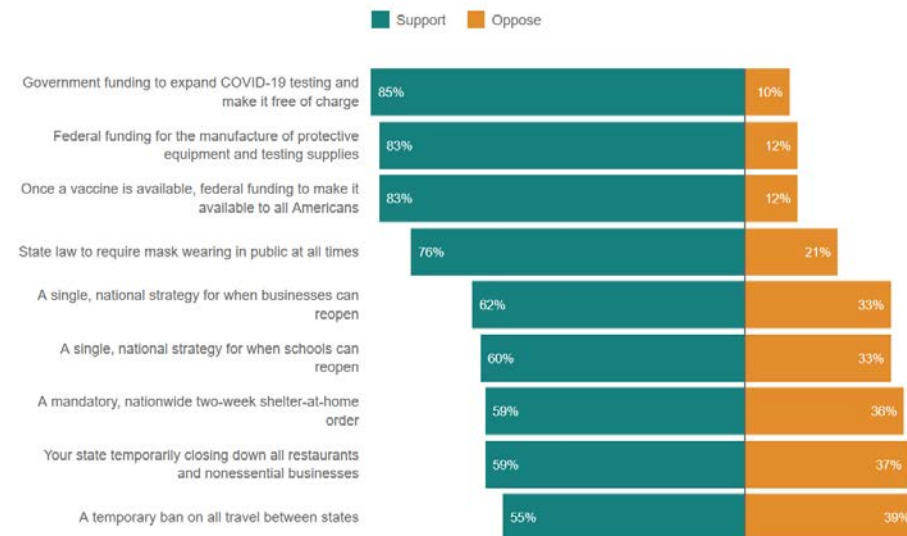
## NIH-Moderna investigational COVID-19 vaccine shows promise in mouse studies

- Vaccine currently being evaluated in Phase 3 clinical testing. <https://www.nih.gov/news-events/news-releases/nih-moderna-investigational-covid-19-vaccine-shows-promise-mouse-studies>

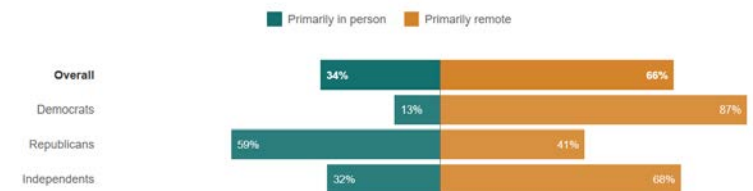
Is the United States managing the COVID-19 pandemic better or worse than other countries?



Please indicate whether you support or oppose each of the following proposals to limit the spread of COVID-19



Given everything we know now, would you prefer that fall classes for schools in your area be ...



Source: NPR/Ipsos poll of 1,115 U.S. adults conducted July 30-31. The credibility interval is plus or minus 3.3 percentage points. Credit: Ruth Talbot/NPR

## 5 ways COVID-19 will change higher education forever, and how colleges can adapt

- The coronavirus pandemic is changing higher education. Campuses are closed, students are taking classes online, and the number of colleges announcing budget cuts and furloughs is growing. Students, faculty, staff, families and others are wondering what comes next.
- It's a transformative moment for higher education. But the trends driving the disruption are not new or unexpected.
- Higher education has been going through a disruptive phase for at least the past decade, as highlighted by the steady drumbeat of commentary from Clay Christensen and others, who predicted that as many as half of all U.S. colleges and universities would close within the next 15 years.
- the disruption has been slow, making it too easy for many in higher education to argue that it wasn't happening. Now, COVID-19 is accelerating the change at breath taking speed. The trends are speeding up rapidly and will cut deep and in unexpected ways. We will get a decade's worth of change over the next six to 18 months.
- There are five meta trends will re-shape the higher education landscape they are (Demonstrated value, Education on demand, A focus on life launch, Location, and Brand appeal)  
<https://www.usatoday.com/story/opinion/2020/08/04/how-covid-19-change-higher-education-long-term-column/5571095002/>

## Colleges Seek Waivers From Risk-Taking Students

- As fall semester approaches, students are increasingly opposing liability waivers and "informed consent" agreements required by colleges as a condition of returning to campus
- Maria Gray, at Bates College, said she was "on the fence" about returning to the campus in Lewiston, Me., to take classes in person this fall because of the risk of contracting the coronavirus.
- Bates plans to offer smaller class sizes for face-to-face instruction. The liberal arts college will also allow students back into residence halls closed last spring because of the pandemic, which Gray believes to be "an objectively bad idea." But it wasn't until she viewed Bates' "Acknowledgement of Shared Responsibility and Risk" agreement, which all students returning to campus are asked to sign, that Gray decided an in-person college experience wasn't for her this semester.
- The electronic agreement included a prompt asking Gray to enter her student PIN, which meant she would be "legally agreeing to these statements." She did not enter her PIN; she forwarded the document to her parents instead.
- "That was kind of the last straw," Gray said. "On the one hand, I guess they're not sugarcoating it. But on the other hand, if you're signing that to go back, it's not safe."  
<https://www.insidehighered.com/news/2020/08/03/students-asked-sign-liability-waivers-return-campus>

I acknowledge and agree that by committing to attend Bates College as an on-campus residential student, I am voluntarily assuming any and all risks that notwithstanding the college's best efforts to implement and require compliance with these prevention and mitigation measures I may be exposed to the coronavirus and may become ill with COVID-19, and that such exposure and illness may result in personal injury, illness, temporary or permanent disability, or even death.

**Maria Gray**

**PIN:**

**Confirm**

*By entering your Garnet Gateway PIN, and then confirming, you are legally agreeing to these statements.*

## 2020 Flu Shot Strategy: Get Yours Early In The Season

- Get set for 2020's mega-campaign against the flu amid the COVID-19 pandemic: immunization drives in the parking lots of churches and supermarkets, curbside inoculations outside doctors' offices, socially distanced vaccine appointments held indoors, with breaks in between for disinfecting.
- These are just some of the ways health providers say they will give tens of millions of flu shots this fall — arguably the most important U.S. effort to prevent influenza's spread among Americans in a century.
- Flu shots will be in stock at doctors' offices, pharmacies and supermarkets by early September. And though what's normally thought of as flu season in North America doesn't really begin until October and peaks between December and February, because of changes wrought by COVID-19, now is the time to start thinking about when, how and where you'll get immunized against the flu this year.
- "If you usually get the shot at the office but you're working from home, for example, you'll need a new plan, says Lori Uscher-Pines, a senior policy researcher with the Rand Corp. "And if you usually drop in to the pharmacy or the supermarket for your shot while you're out and about anyway, you'll need a new plan this year if, these days, you're just not 'out and about.' "
- But do make a plan. "No year is a good year to get the flu, but this year — with COVID-19 also raging — it's especially bad," says Mark Thompson, an epidemiologist in the Influenza Division at the Centers for Disease Control and Prevention.
- "People who can avoid the flu will help reduce the burden the health care system already overwhelmed by COVID-19,"  
<https://www.npr.org/sections/health-shots/2020/08/04/897696326/2020-flu-shot-strategy-get-yours-early-in-the-season?sc=18&f=1001>

## NIH harnesses AI for COVID-19 diagnosis, treatment, and monitoring

- National Institutes of Health has launched the Medical Imaging and Data Resource Center (MIDRC), an ambitious effort that will harness the power of artificial intelligence and medical imaging to fight COVID-19. The multi-institutional collaboration, led by the National Institute of Biomedical Imaging and Bioengineering (NIBIB), part of NIH, will create new tools that physicians can use for early detection and personalized therapies for COVID-19 patients.
- "This program is particularly exciting because it will give us new ways to rapidly turn scientific findings into practical imaging tools that benefit COVID-19 patients," said Bruce J. Tromberg, Ph.D., NIBIB Director. "It unites leaders in medical imaging and artificial intelligence from academia, professional societies, industry, and government to take on this important challenge."
- The features of infected lungs and hearts seen on medical images can help assess disease severity, predict response to treatment, and improve patient outcomes. However, a major challenge is to rapidly and accurately identify these signatures and evaluate this information in combination with many other clinical symptoms and tests. The MIDRC goals are to lead the development and implementation of new diagnostics, including machine learning algorithms, that will allow rapid and accurate assessment of disease status and help physicians optimize patient treatment.
- "This effort will gather a large repository of COVID-19 chest images," explained Guoying Liu, Ph.D., the NIBIB scientific program lead on this effort, "allowing researchers to evaluate both lung and cardiac tissue data, ask critical research questions, and develop predictive COVID-19 imaging signatures that can be delivered to healthcare providers."  
<https://www.nih.gov/news-events/news-releases/nih-harnesses-ai-covid-19-diagnosis-treatment-monitoring>

## One Good Thing

- Stories about the kindness of strangers and individuals who sacrifice for others.  
<https://apnews.com/OneGoodThing> & <https://www.goodnewsnetwork.org/>



# U.S. Data

## US Hotspot - detailed

[https://covid-19.splunkforgood.com/us\\_hotspots\\_detailed](https://covid-19.splunkforgood.com/us_hotspots_detailed)



# Covid-19 Case Cluster (past 48 hours)

<https://www.cdc.gov/covid-data-tracker/index.html#social-impact>

## Social Impact COVID-19 Events in the United States

5 EVENTS  
Past 48 hours

Map of news reports related to social impact events resulting from the COVID-19 outbreak in the United States, such as school closures, localized outbreaks, state of emergency declarations, etc.

DATE RANGE

Past 48 hours

TYPE OF EVENT ?

COVID-19 Case Clusters

About this Map | Developed by HealthMap

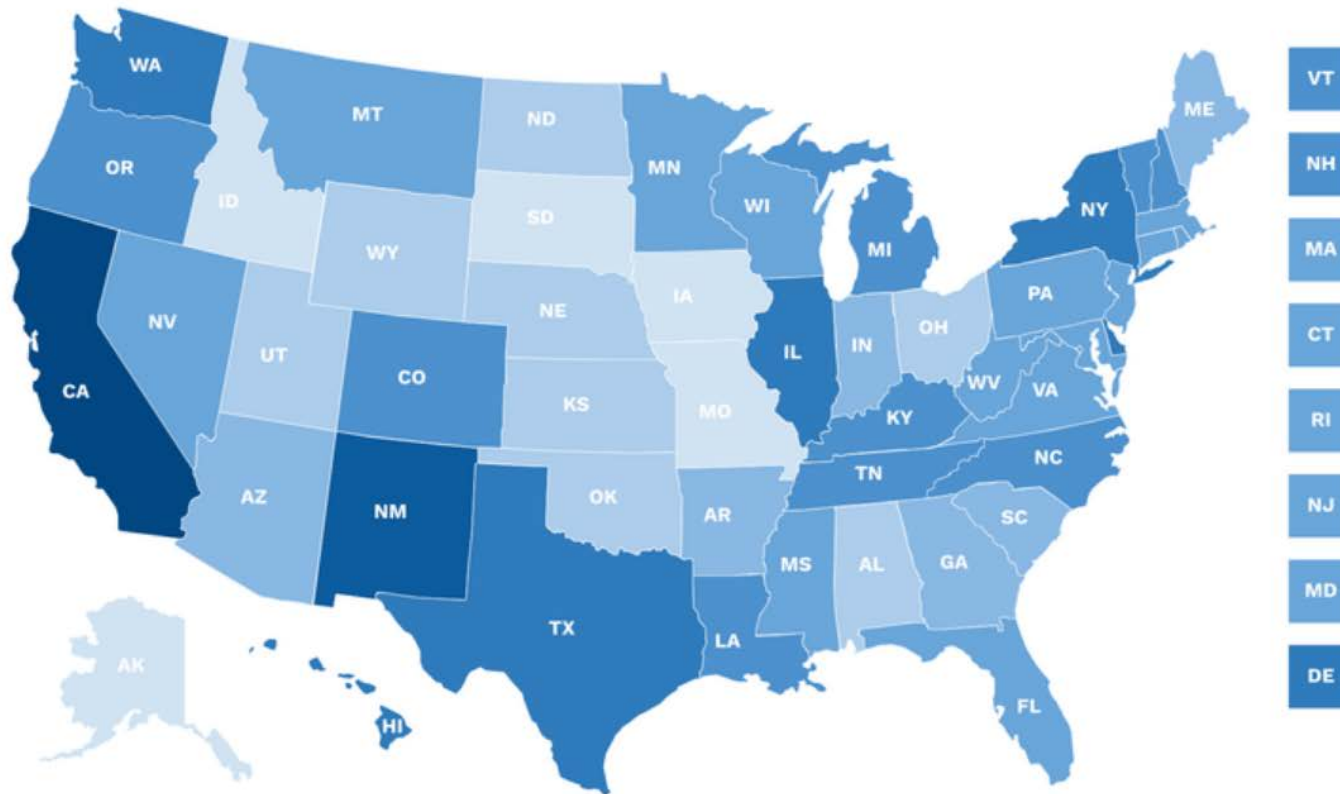


[25 campers and staff test positive for COVID-19 in Oregon's first large summer camp outbreak](#)

# COVID-19 State Reopening Guide

<https://www.multistate.us/pages/covid-19-state-reopening-guide>

## COVID-19 State Reopening Guide: How Open for Business is Each State?



Source: MultiState. Data as of August 5, 2020. Note: Ratings are calculated based on eleven factors run through a weighted formula. See methodology for details.



# COVID-19 Update



**Situation:** Upward trajectory in COVID-19 case count continues across 7 (-4) states, with 10 (+1) states in a plateau status, and 39 (+3) states on a downward trajectory. 26,586 Federal employees deployed / activated; 2,112 (-26) FEMA employees deployed.

Nationwide Testing: 61,485,468 (+1,423,184) cumulative as of August 3

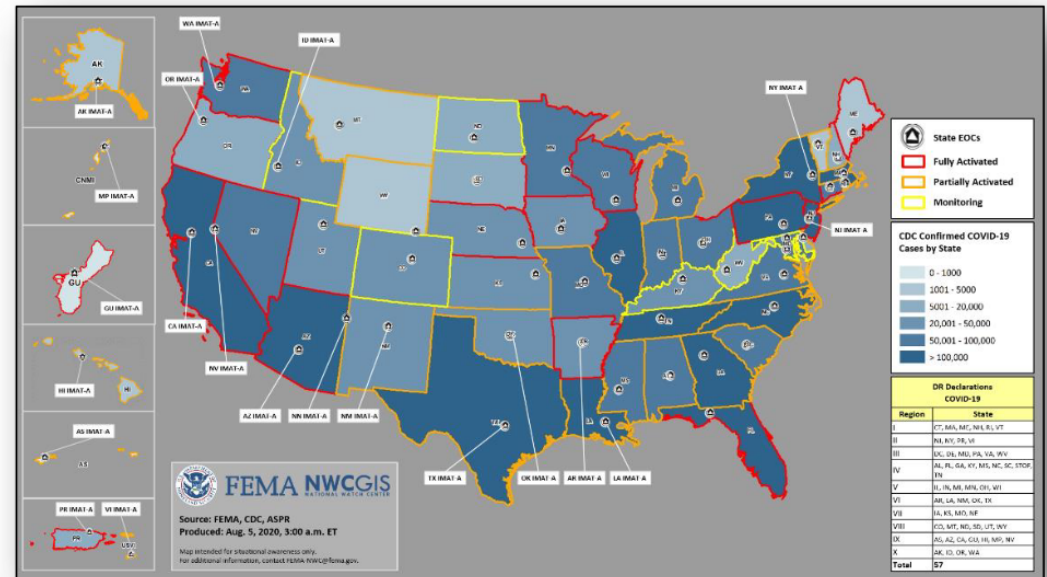
COVID-19 positive cases continue to increase globally (CDC COVID-19 Response Update as of August 3)

**Confirmed Cases of COVID-19**

- o United States: 4,698,818 (+49,716)
- o Worldwide: 18,142,718 (+224,136)
- Deaths caused by COVID-19
  - o United States: 155,204 (+733)
  - o Worldwide: 691,013 (+4,301)

**Response:**

- NRCC at Level I
- Regions I, II, III, V, VI, & X RRCCs at Level III
- Regions IV, VII, VIII, & IX RRCCs are rostered
- Regions VII & IX COVID-19 response being worked from the Virtual JFO
- NWC, all RWCs, and MOCs are monitoring



(COVID-19 SLB, August 3)

## State Data

<https://covid19.ca.gov/>  
<https://update.covid19.ca.gov/#top>  
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx#>

### Statewide industry guidance to reduce risk

<https://covid19.ca.gov/industry-guidance/#top>  
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx>

### Open sectors in counties with variance

<https://covid19.ca.gov/roadmap-counties/#track-data>  
<https://covid19.ca.gov/roadmap-counties/>

### Data models

<https://covid19.ca.gov/data-and-tools/>

### Coronavirus updates: California data system glitch, reporting delays cause uncertainty

<https://www.sacbee.com/news/coronavirus/article244737777.html>

### Technical issue leads to CA under-reporting COVID-19 cases

<https://abc7.com/coronavirus-covid19-covid-19-covid-19/6354296/>

\*\*the state data portal data is used in this report

## California COVID-19 By The Numbers

August 4, 2020

Numbers as of August 3, 2020

### CALIFORNIA COVID-19 SPREAD

**519,427 (+4,526)**

#### TOTAL CASES

##### Ages of Confirmed Cases

- 0-17: 47,920
- 18-49: 314,238
- 50-64: 99,383
- 65+: 57,247
- Unknown/Missing: 639

##### Gender of Confirmed Cases

- Female: 259,130
- Male: 254,274
- Unknown/Missing: 6,023

**9,501 (+113)**

#### Fatalities

#### Hospitalizations

Confirmed COVID-19  
**6,302/1,892**  
Hospitalized/in ICU

Suspected COVID-19  
**1,328/190**  
Hospitalized/in ICU

For county-level  
hospital data:  
[bit.ly/hospitalsca](http://bit.ly/hospitalsca)

Your actions **save lives.**

For county-level data:  
[data.chhs.ca.gov](http://data.chhs.ca.gov)  
[covid19.ca.gov](http://covid19.ca.gov)



# Riverside County Data

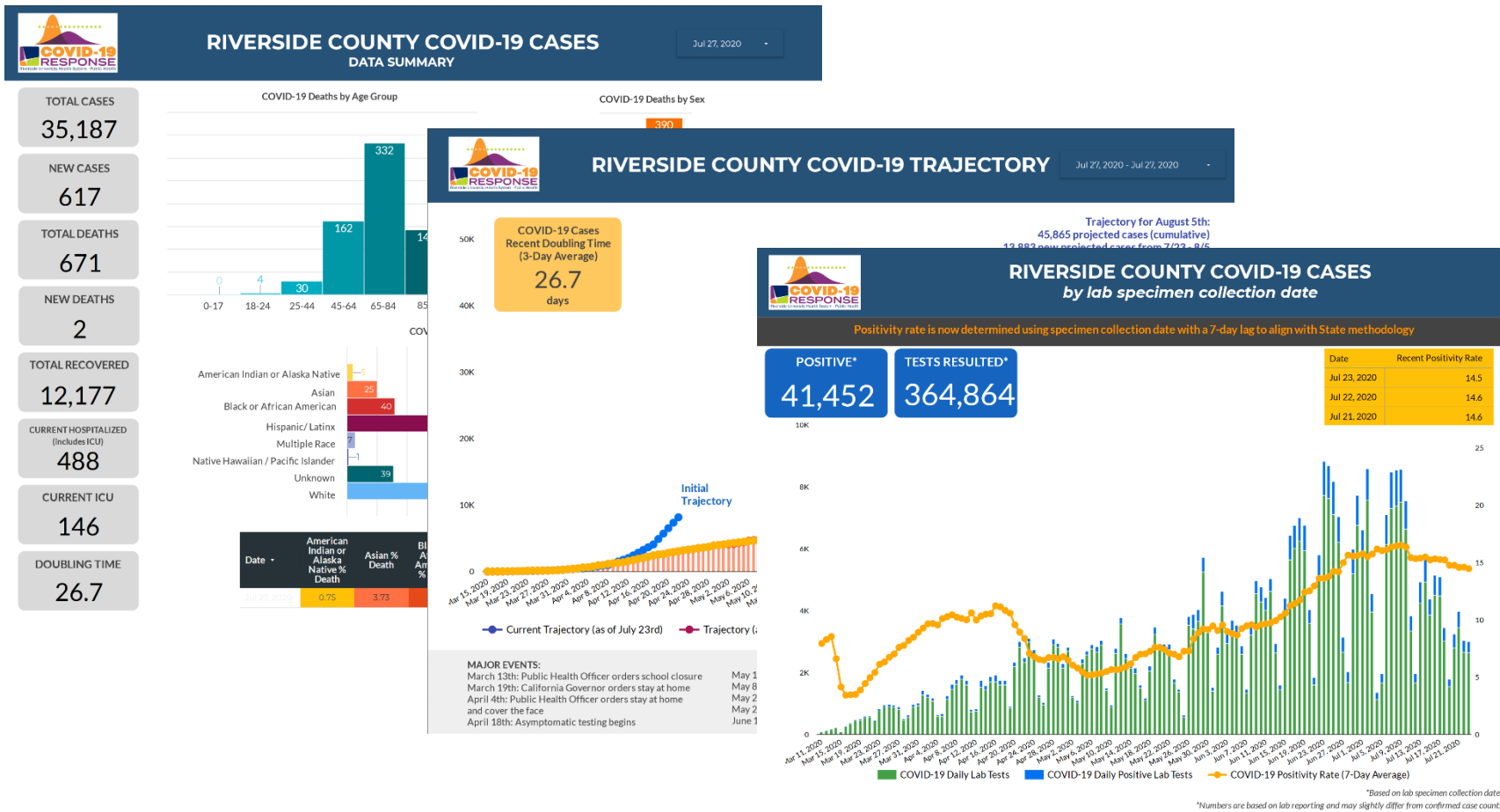
<https://www.rivcoph.org/coronavirus>

## RUHS Public Health:

- Board of Supervisors vote 5-0 to declare racism as a public health crisis [English](#) / [Spanish](#) - Aug 4, 2020
- **RUHS Public Health: [\\$2 Million Approved to Launch Youth Community Corps](#)** - August 4, 2020
- **RUHS Public Health: [State fixing technical issue causing lag in case reporting](#)** - August 3, 2020
- **RUHS Public Health: [Health officials warn about impact of smoke from Apple Fire](#)** - August 3, 2020

## Daily Epidemiology Summary updated 8-04-2020

[https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/August/Dashboard/Public\\_Daily\\_COVID-19\\_Updates\\_8.4.20.pdf?ver=2020-08-04-153437-933&timestamp=1596580491601](https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/August/Dashboard/Public_Daily_COVID-19_Updates_8.4.20.pdf?ver=2020-08-04-153437-933&timestamp=1596580491601)




# Weather


## COVID-19 Weather Support

**Issued:**

**1000 AM August 5 2020**



**NATIONAL WEATHER SERVICE  
SAN DIEGO, CA**



IMPACT SCALE

●  
None

●  
Minor


●  
Moderate

●  
High

●  
Extreme

### Resources

- <https://www.weather.gov/spot/>
- <https://inws.ncep.noaa.gov>
- <https://www.wrh.noaa.gov/sqx/event/dsstable.php>

(858) 675 - 8705  
(24/7, Restricted) 

Weather.gov/SanDiego

## 7-day Forecast for Counties in far Southwest CA

Period Aug 5 - Aug 12 (24-hr)	Orange	SW San Bernardino	All Deserts	Western Riverside	San Diego
Today	None	None	Breezy	None	None
Thursday	None	None	Breezy	None	None
Friday	None	None	None	None	None
Saturday	None	None	None	None	None
Sunday	None	None	Warm	None	None
Monday	None	None	Warm	None	None
Tuesday	None	None	Warm	None	None
Wednesday	None	None	Warm	None	None

Forecast Discussion

Cooler than seasonal temperatures expected today and Thursday throughout the region, generally around 5 degrees below normal, with areas 10-15 degrees below normal in some valley and mountain locations. Breezy in the afternoons and evenings today and Thursday across the mountains and deserts with gusts 30-45 MPH at times. Smoke will continue in parts of Riverside County and San Bernardino County.

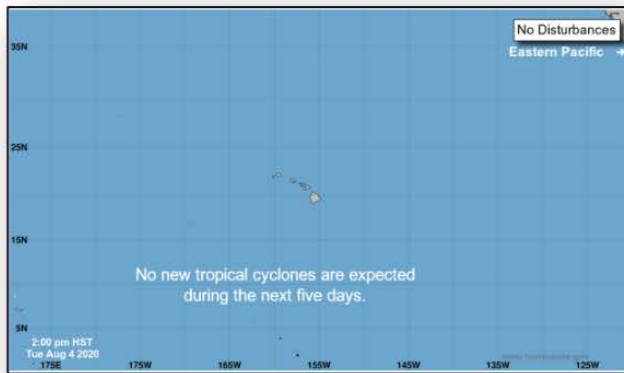
Latest hazard threat table: <https://www.wrh.noaa.gov/sqx/event/dsstable.php>

<https://www.weather.gov/forecastpoints#>

# Tropical Outlook



FEMA



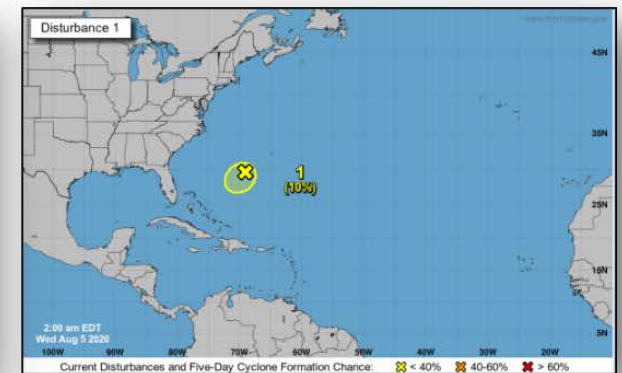
**Central Pacific**



**Eastern Pacific**

**Disturbance 1** (as of 2:00 a.m. ET)

- Forecast to form S or SW of the southern coast of Mexico over the weekend
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)



**Atlantic**

**Disturbance 1** (as of 2:00 a.m. ET)

- A few hundred miles SW of Bermuda
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (30%)