



July 29, 2020

# COVID-19 TOWN HALL



# Board of Pharmacy Update

Kam Gandhi

Executive Director | AZ Board of Pharmacy

Due to the Health Emergency, the Board will no longer take walk-ins. Board staff will still be available via phone, email and by appointment. For office directory click <https://pharmacy.az.gov/node/5226>.

Thank you for your understanding.



# State and National Updates

Kelly Fine

Executive Director | Arizona Pharmacy Association



# Public Health Emergency

*Public Health and Medical Emergency Support for a Nation Prepared*

[PHE Home](#) > [Emergency](#) > [News & Multimedia](#) > [Public Health Actions](#) > [PHE](#) > [Renewal of Determination That A Public Health Emergency Exists](#)

## Renewal of Determination That A Public Health Emergency Exists

As a result of the continued consequences of Coronavirus Disease 2019 (COVID-19) pandemic, on this date and after consultation with public health officials as necessary, I, Alex M. Azar II, Secretary of Health and Human Services, pursuant to the authority vested in me under section 319 of the Public Health Service Act, do hereby renew, effective July 25, 2020, my January 31, 2020, determination that I previously renewed on April 21, 2020, that a public health emergency exists and has existed since January 27, 2020, nationwide.

July 23, 2020

\_\_\_\_\_  
Date

/s/

\_\_\_\_\_  
Alex M. Azar II

This

# Worldwide Cases



COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)



Total Confirmed

16,765,322

Confirmed Cases by  
Country/Region/Sovereignty

4,361,013 US
2,483,191 Brazil
1,531,669 India
827,455 Russia
459,761 South Africa
402,697 Mexico
395,005 Peru
349,800 Chile
302,295 United Kingdom
298,909 Iran
280,610 Spain
276,288 Pakistan



Esri, FAO, NOAA

Cumulative Confirmed Cases | Active Cases | Incidence Rate | Case-Fatality Ratio | Testing Rate | Hospitalization Rate

Admin0 | Admin1 | Admin2

Last Updated at (M/D/YYYY)

7/29/2020, 6:10:25 AM

188

countries/regions

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#).

Lead by JHU CSSE. Technical Support: Esri Living Atlas team and JHU APL. Financial Support: JHU, NSF, Bloomberg Philanthropies and Stavros Niarchos Foundation. Resource support: Slack, Github and AWS. Click [here](#) to donate to the CSSE dashboard team, and other JHU COVID-19 Research Efforts. [FAO](#). Read more in

Global Deaths

661,012

149,260 deaths  
US

88,539 deaths  
Brazil

45,963 deaths  
United Kingdom

44,876 deaths  
Mexico

35,123 deaths  
Italy

34,193 deaths  
India

Global Deaths >

US State Level

Deaths, Recovered

32,653 deaths, 72,813  
recovered  
New York US

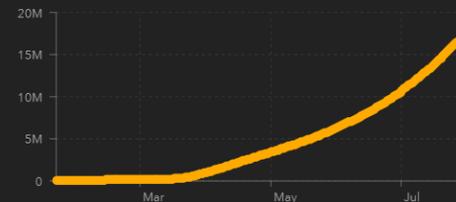
15,825 deaths, 32,313  
recovered  
New Jersey US

8,679 deaths, recovered  
California US

8,551 deaths, 96,452  
recovered  
Massachusetts US

7,638 deaths, recovered  
Illinois US

US Deaths, Recovered >



Confirmed | Logarithmic | Daily Cases

# National Cases

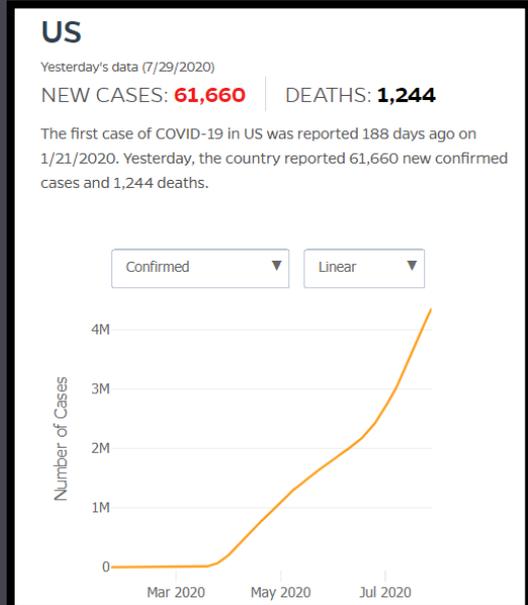
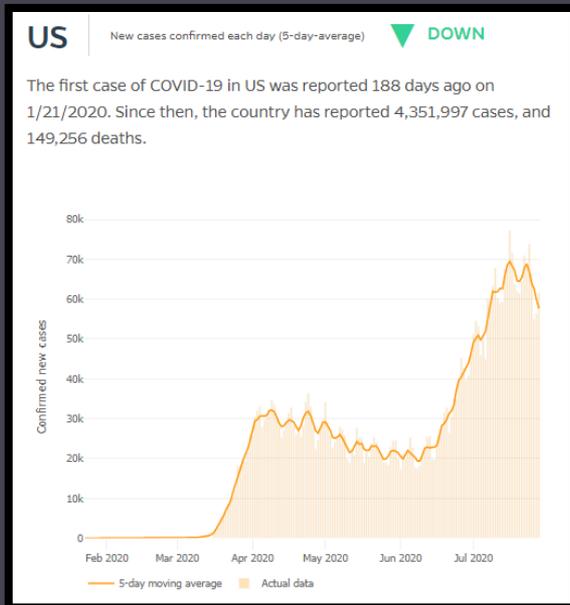
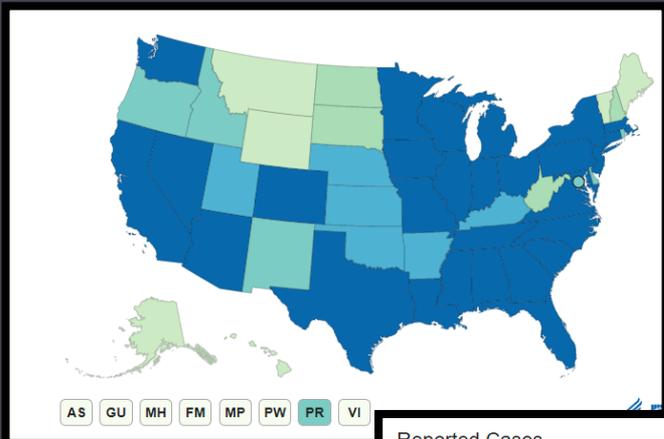


Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives, Protecting People™

TOTAL CASES  
**4,280,135**  
54,448 New Cases\*

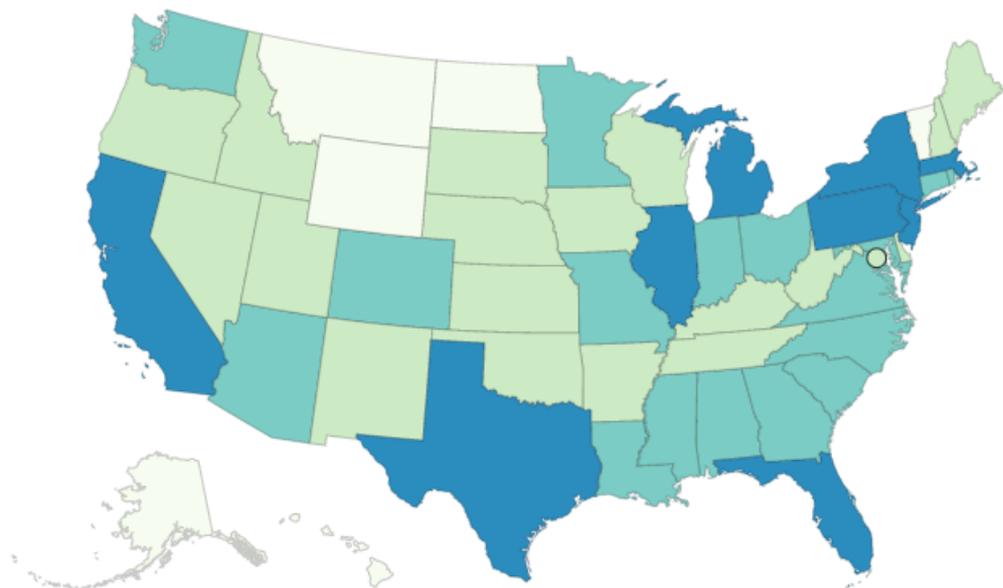
TOTAL DEATHS  
**147,672**  
1,126 New Deaths\*

JOHNS HOPKINS UNIVERSITY & MEDICINE | CORONAVIRUS RESOURCE CENTER



## Deaths by Jurisdiction

This map shows COVID-19 cases reported by U.S. states, the District of Columbia, New York City, and other U.S.-affiliated jurisdictions. Hover over the maps to see the number of deaths reported in each jurisdiction. To go to a jurisdiction's health department website, click on the jurisdiction on the map.



### Reported Deaths

○ 0 to 100

● 101 to 1,000

● 1,001 to 5,000

● 5,001 or more

### Arizona

Confirmed deaths: 3,304

AS

GU

MH

FM

MP

PW

PR

VI



# US Cases by County

JOHNS HOPKINS  
UNIVERSITY & MEDICINE

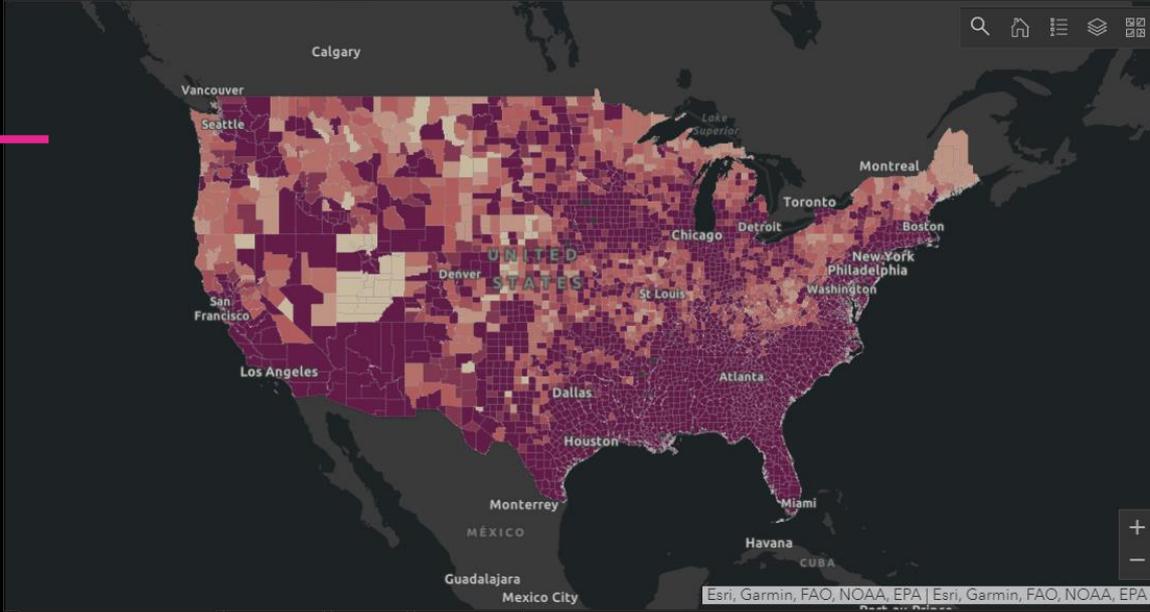
CORONAVIRUS  
RESOURCE CENTER

COVID-19 United States Cases by County Johns Hopkins University

States/Territories Please select

## Top 50 Confirmed Cases by County

- 174,038 confirmed  
Los Angeles
- 109,938 confirmed  
Maricopa
- 107,315 confirmed  
Miami-Dade
- 103,808 confirmed  
Cook
- 86,932 confirmed  
Queens
- 86,190 confirmed  
Harris
- 81,280 confirmed  
Kings
- 80,784 confirmed  
Broward
- 49,369 confirmed  
Bronx
- 47,239 confirmed  
Dallas
- 43,017 confirmed  
Nassau



Confirmed by Population Confirmed Deaths Fatality Rate

Total Confirmed

4,352,304

in the US

## Confirmed per US State (Deaths)

- 470,762 California (8,679)
- 441,977 Florida (6,117)
- 412,878 New York (32,653)
- 408,493 Texas (5,913)
- 180,295 New Jersey (15,825)
- 174,968 Illinois (7,638)
- 170,843 Georgia (3,509)
- 165,934 Arizona (3,408)
- 116,700 North Carolina (1,860)
- 116,182 Massachusetts (8,551)
- 114,083 Pennsylvania (7,154)
- 111,038 Louisiana (3,812)
- 99,044 Tennessee (999)
- 87,958 Michigan (6,421)
- 86,994 Virginia (2,095)

# Daily confirmed new cases (3-day moving average)

Daily New Cases per 100k people. Data shown from 1/22/20 to 7/27/20.

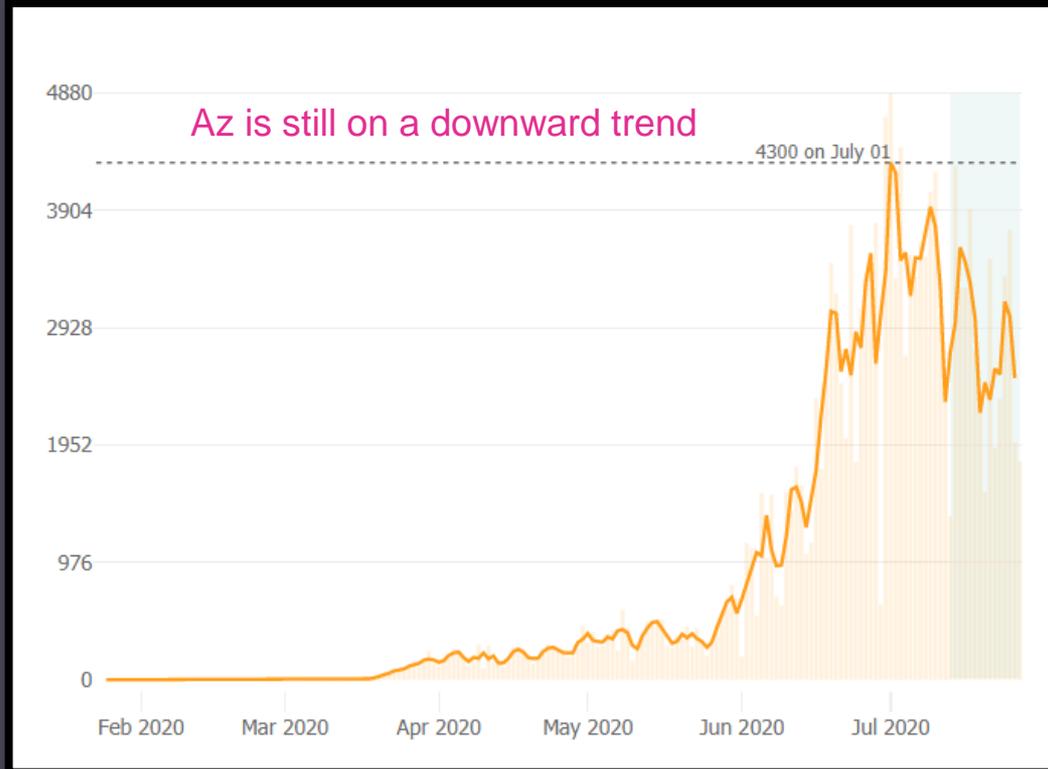


## How to use this graphic:

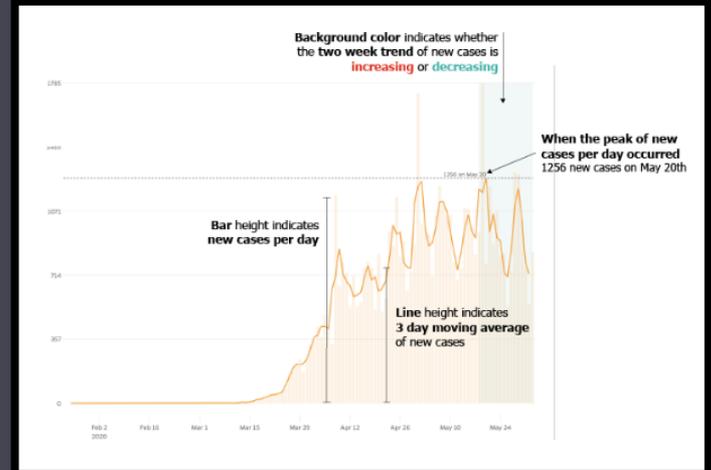
Click on a state to see more detail.

-  Line shows 3-day moving average of **new cases per day** in this state. Dot corresponds to most recent day.
-  The **greener** the background, the bigger the **downward trend** of new cases in this state.
-  The **redder** the background, the bigger the **upward trend** of new cases in this state.

# AZ: Daily Confirmed New Cases



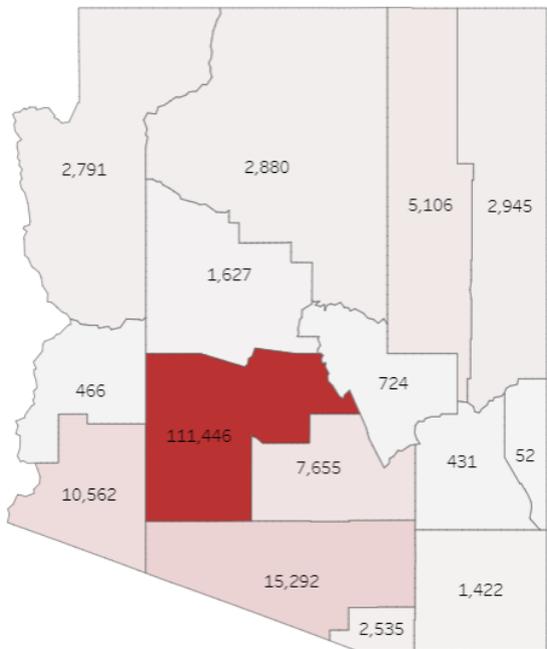
Federal guidelines advise that states wait until they experience a downward trajectory of documented cases within a 14-day period before proceeding to a phased opening. In the state-specific view of the graph, this two-week period is highlighted in **orange** if cases are trending upward, or **green** if they are trending down.





# ARIZONA DEPARTMENT OF HEALTH SERVICES

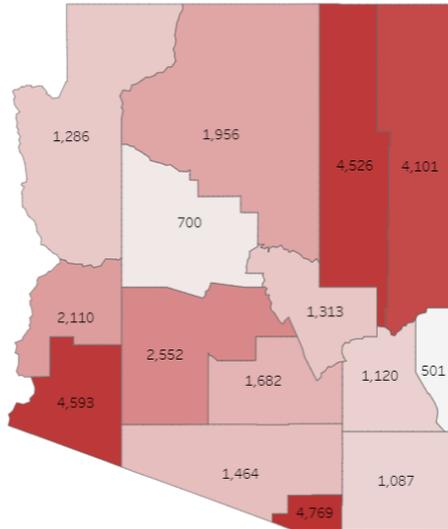
Health and Wellness for All Arizonans



Number of Cases 165,934	Number of Deaths 3,408	Number of COVID-19 Tests 1,112,825
Number of New Cases reported today* 2,107	Number of New Deaths reported today* 104	Number of New Tests reported today* 13,143
Rate of cases, per 100,000 population 2,308.2	Rate of fatalities, per 100,000 population 47.41	Total Percent Positive** 12.7%
Total COVID-19 PCR Tests 890,931	New PCR Tests reported today* 12,598	PCR Percent Positive** 14.6%
Total COVID-19 Serology Tests 221,894	New Serology Tests reported today* 545	Serology Percent Positive** 4.9%



## Rate per 100,000

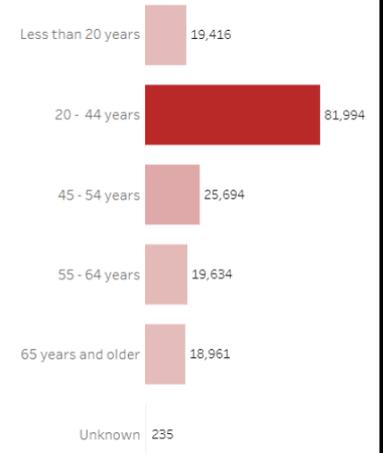


## Cases by County

County	Total Cases	Percent of State's Cases	Cases per 100,000	Total Deaths
Maricopa	109,988	67.1%	2,452	1,807
Pima	15,109	9.2%	1,443	418
Yuma	10,434	6.4%	4,881	221
Pinal	7,561	4.6%	1,634	123
Navajo	5,079	3.1%	4,579	178
Apache	2,930	1.8%	4,076	128
Coconino	2,870	1.8%	2,000	112
Mohave	2,725	1.7%	1,284	136
Santa Cruz	2,535	1.5%	5,452	49
Yavapai	1,599	1%	680	54
Cochise	1,399	0.9%	1,111	42
Gila	724	0.4%	1,340	21
La Paz	466	0.3%	2,208	<20
Graham	396	0.2%	1,020	<20
Greenlee	54	0.0%	569	<20

Same trends as in past few weeks.  
**50% of cases are in the (20-44) year-old age group.**

## COVID-19 Cases by Age Group

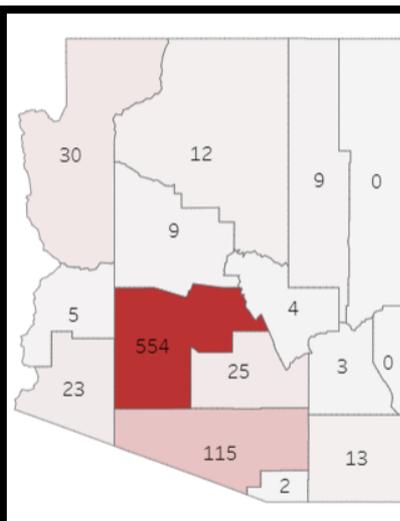


# Congregate Settings with Positive COVID-19 Cases

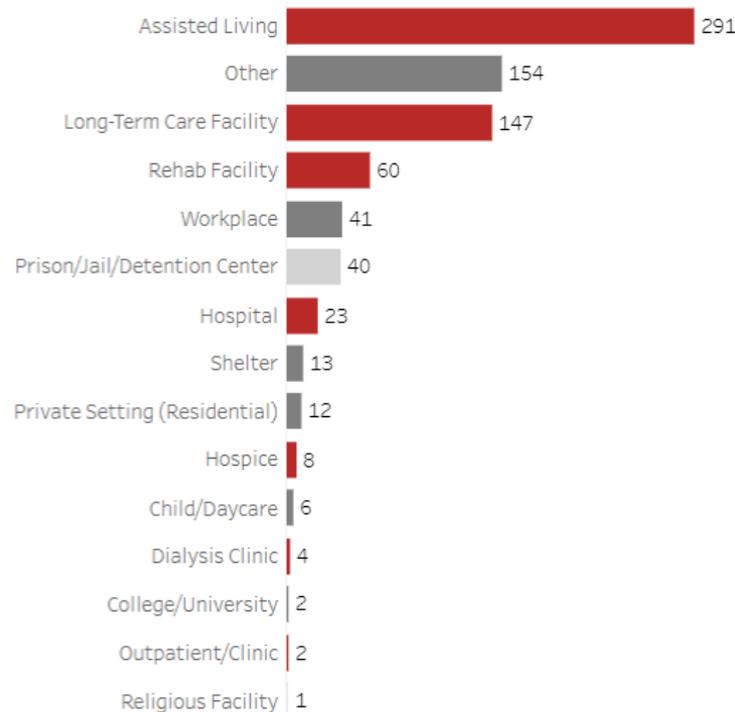


Number of Congregate Settings with Confirmed COVID-19 Cases

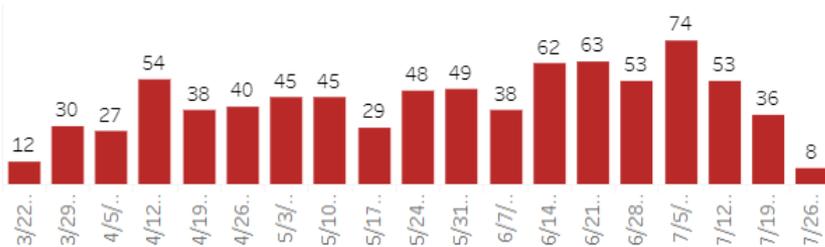
804



## Setting Type



Congregate Setting with Confirmed COVID-19 Cases by Week  
Date that is used for week is the date the outbreak was reported to public health



### Category

Correctional
  Healthcare
  Other Setting

# Which U.S. States Meet WHO Recommended Testing Criteria?

## States that meet positivity recommendations: 19

STATE PERCENTAGE OF POSITIVE TESTS

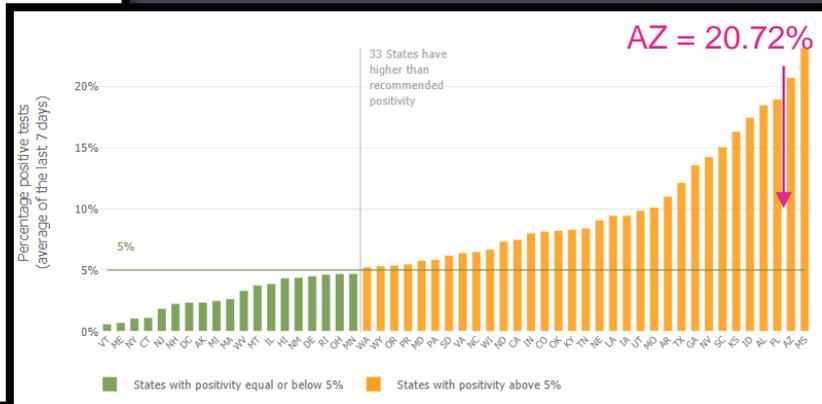
Vermont	0.56%
Maine	0.68%
New York	1.04%
Connecticut	1.09%
New Jersey	1.83%
New Hampshire	2.23%
District of Columbia	2.32%
Alaska	2.34%
Michigan	2.47%
Massachusetts	2.62%

## States above recommended positivity: 33

STATE PERCENTAGE OF POSITIVE TESTS

Mississippi	23.13%
Arizona	20.72%
Florida	18.96%
Alabama	18.47%
Idaho	17.45%
Kansas	16.31%
South Carolina	15.04%
Nevada	14.23%
Georgia	13.57%
Texas	12.12%

The WHO advised governments that before reopening, rates of positivity in testing should remain at 5% or lower for at least 14 days.



# Laboratory Testing

All tests completed for COVID-19

1,112,825

All tests reported yesterday in Arizona

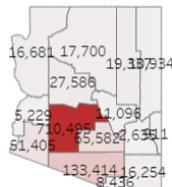
13,143

Total % Positive COVID-19 All Tests

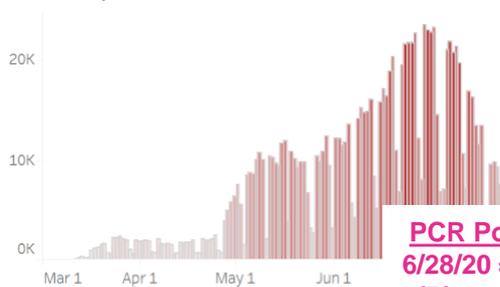
12.7%

All tests by county

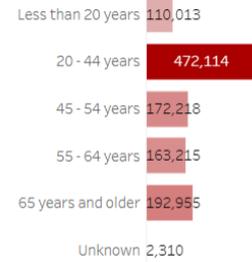
Select a county to filter the data.



All tests by date of collection



All Testing by Age Group



**PCR Positivity %**  
 6/28/20 = 21%  
 7/5/20 = 19%  
 7/12/20 = 15%  
 7/19/20 = 12%

COVID-19 tests completed and percent positive by week

Percent positive is defined as number of people with a positive test result, out of all people with COVID-19 testing com

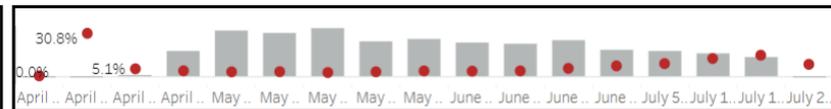
Total % Positive COVID-19 PCR Tests

14.6%



Total % Positive COVID-19 Serology Tests

4.9%



Date	Total % Positive	PCR % Positive	Sero % Positive
6/17/20	7.1%	8.7%	3.1%
6/24/20	8.6%	10.5%	3.0%
7/1/20	9.9%	12%	3.2%
7/8/20	11.3%	13.6%	3.4%
7/15/20	11.9%	14.2%	3.7%
7/22/20	12.4%	14.6%	4.4%
7/29/20	12.7%	14.6%	4.9%

State ↑	New Cases <i>i</i> ↑	Tests per 1,000 people ↑	Percent Positive <i>i</i> ↑
	New daily cases Weekly trend	Daily Tests Weekly trend	Daily % positive Above threshold?
Arizona ↓	<p><b>+2,107 new</b></p> <p>THIS WEEK LAST WEEK</p>	<p>1.6 tests per 1,000</p> <p>THIS WEEK LAST WEEK</p>	<p><b>20.7% positive</b></p> <p>THIS WEEK LAST WEEK</p>

# EO 2020-48 –Issued July 9th



ARIZONA DEPARTMENT OF HEALTH SERVICES  
*Health and Wellness for All Arizonans*

**Executive Order 2020-48** requires all licensed hospitals, as defined in **Arizona Administrative Code (A.A.C.) R9-10-101**, excluding Special Hospitals only providing psychiatric services, to report a line list of all COVID-19 patients containing name, date of birth, gender, race/ethnicity, and hospital admission date every 24 hours.

COVID-19 is provider-reportable pursuant to **A.A.C. R9-6-202**, with hospital admission date being the only new requirement added by the executive order. Reports must be submitted daily.

- The executive order applies to all COVID-19 cases reported by hospitals, regardless of hospitalization status.
- A patient only needs to be reported once, regardless of duration of hospital stay.
- If a patient is hospitalized subsequent to being reported to ADHS, the hospital admission date needs to be submitted separately, in a **specified format**.

Hospitals may select from the two reporting options listed below. Reports submitted through either method must contain sufficient information to meet the requirements of the executive order and provider reporting rules.

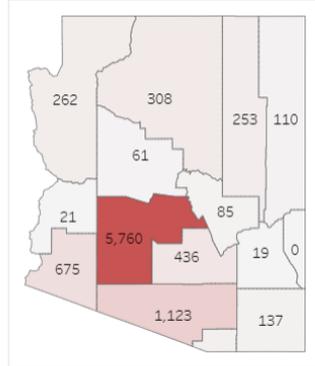
# Hospitalizations



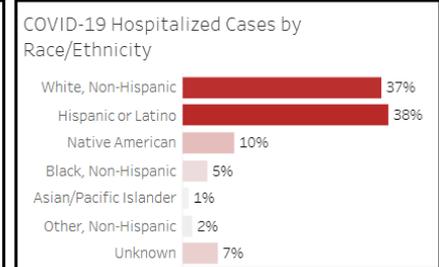
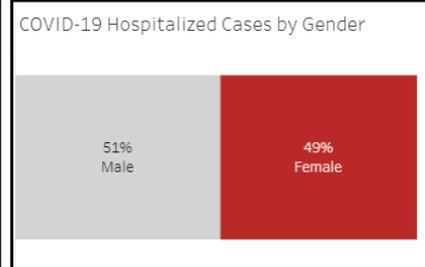
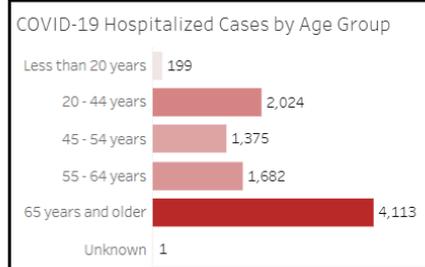
Date	Total # COVID Cases In Hospital	% Cases
6/17/20	3,808	10%
6/24/20	4,250	7%
7/1/20	4,736	6%
7/8/20	5,272	5%
7/15/20	5,942	5%
7/22/20	6,894	5%
7/29/20	9,394	6%

Number of Cases Hospitalized  
9,394

Percent of Cases Hospitalized  
6%

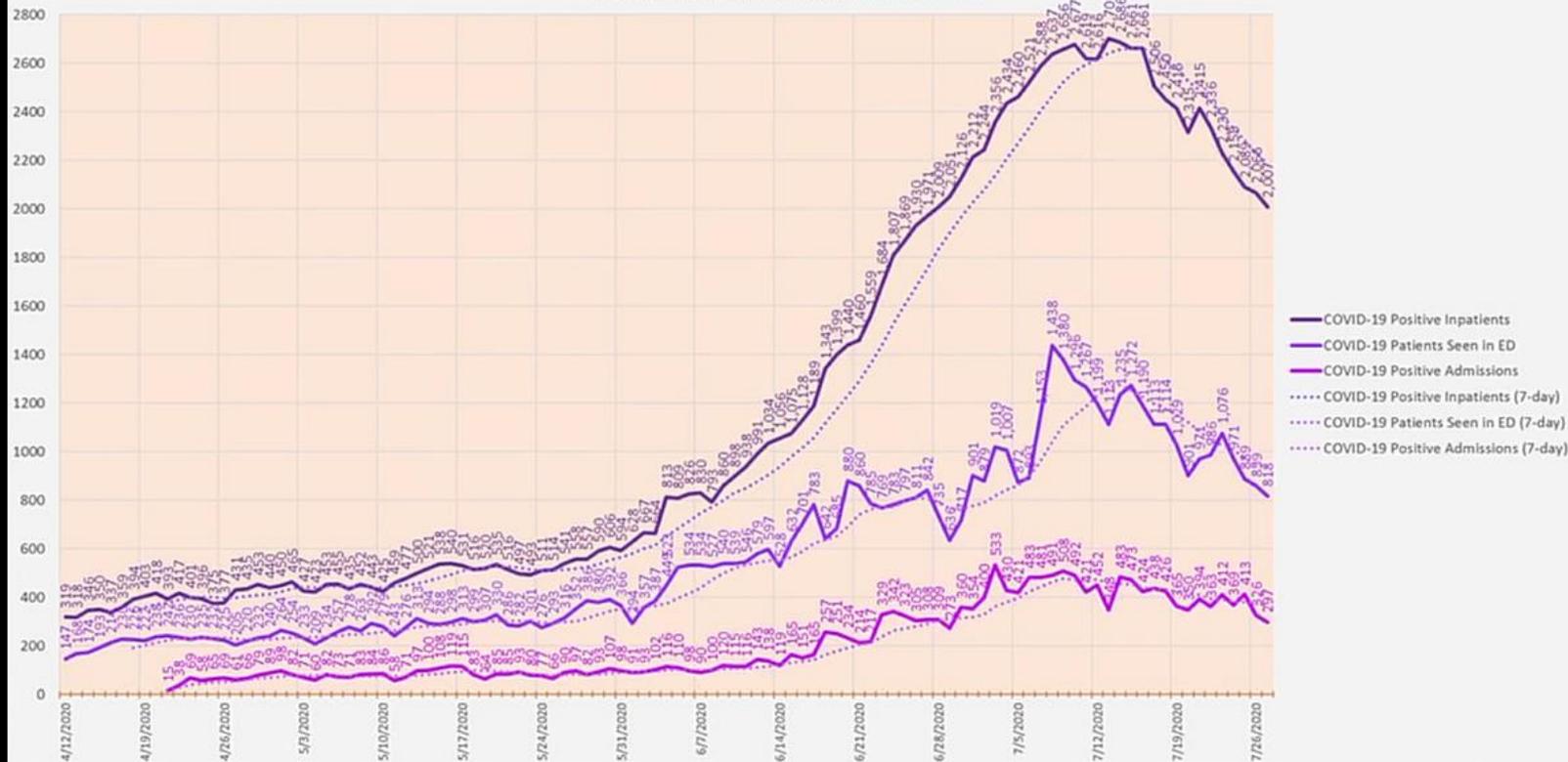


Number of COVID-19 Cases that are Hospitalized by Date of Hospitalization



# Hospital Utilization (AZ Central Region)

COVID-19 Positive Hospital Patients  
AZ Central Region - Daily Mean (AM+PM/2) - Since April 12

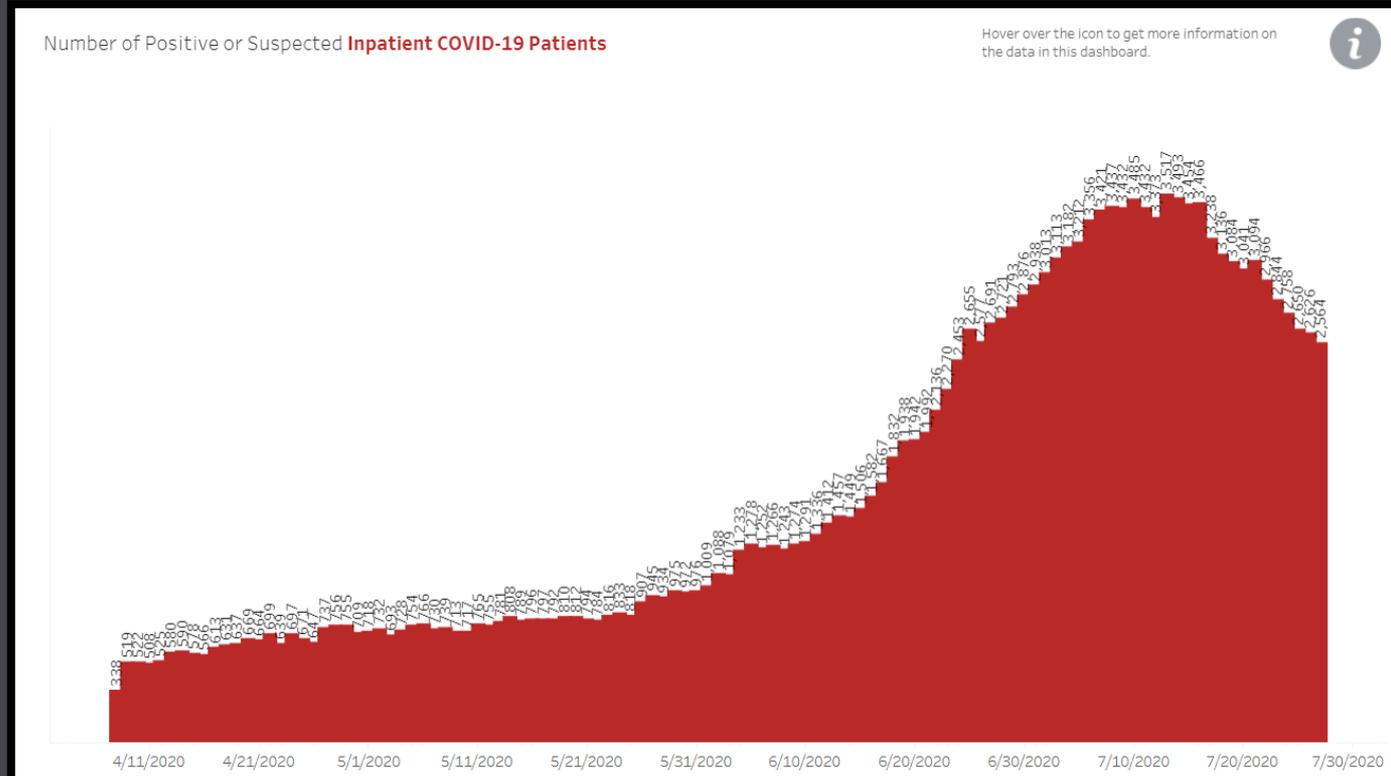


# Inpatient Bed Usage Due to COVID-19



ARIZONA DEPARTMENT OF HEALTH SERVICES  
Health and Wellness for All Arizonans

Date	Total (in use %)	# COVID
6/15/20	6,231 (81%)	1,506
6/22/20	6,469 (83%)	2,136
6/29/20	6,488 (85%)	2,793
7/6/20	6,472 (82%)	3,356
7/13/20	6,721 (85%)	3,517
7/20/20	6,636 (83%)	3,041
7/27/20	6,386 (81%)	2,564

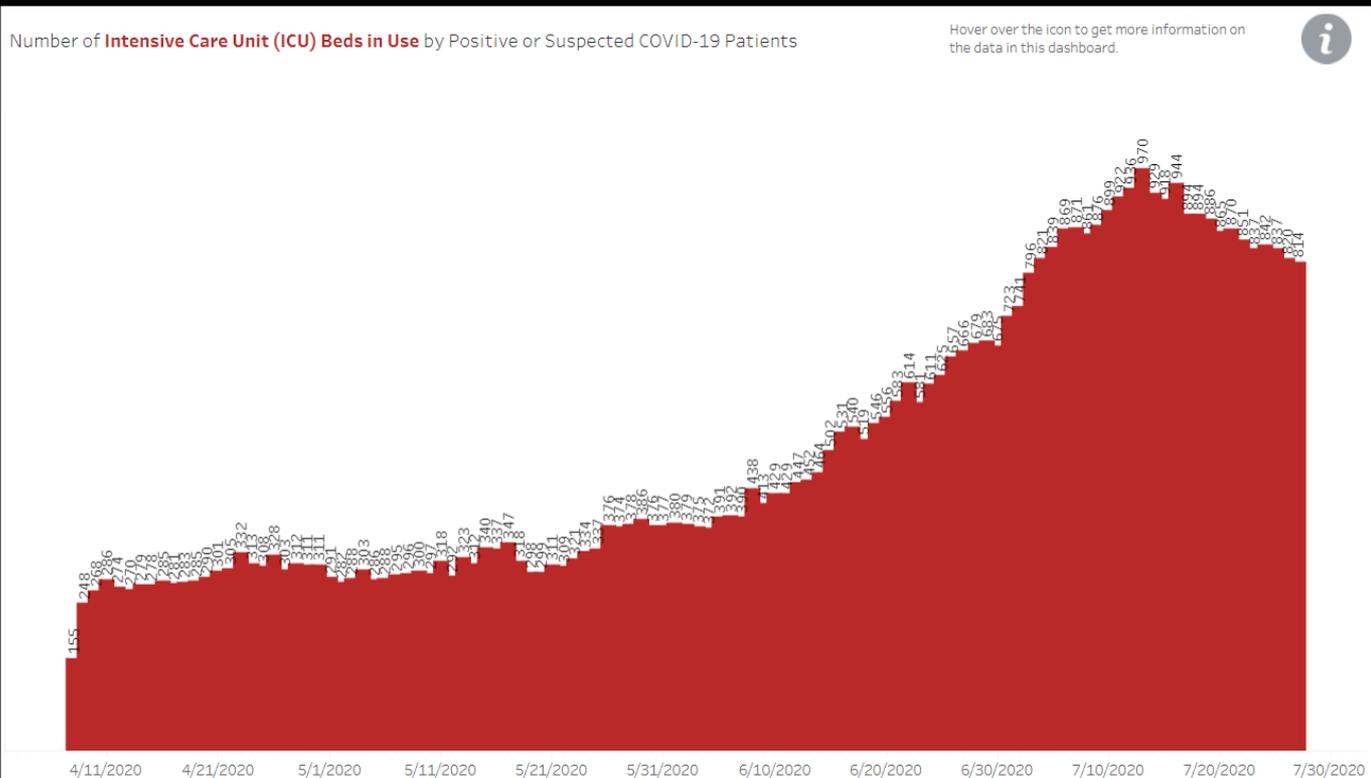


# ICU Beds in Use Due to COVID-19



ARIZONA DEPARTMENT OF HEALTH SERVICES  
Health and Wellness for All Arizonans

Date	Total ICU (in use%)	# COVID
6/15/20	1,307 (80%)	502
6/22/20	1,412 (84%)	614
6/29/20	1,435 (86%)	683
7/6/20	1,481 (90%)	869
7/13/20	1,498 (88%)	970
7/20/20	1,448 (85%)	865
7/27/20	1,433 (84%)	814

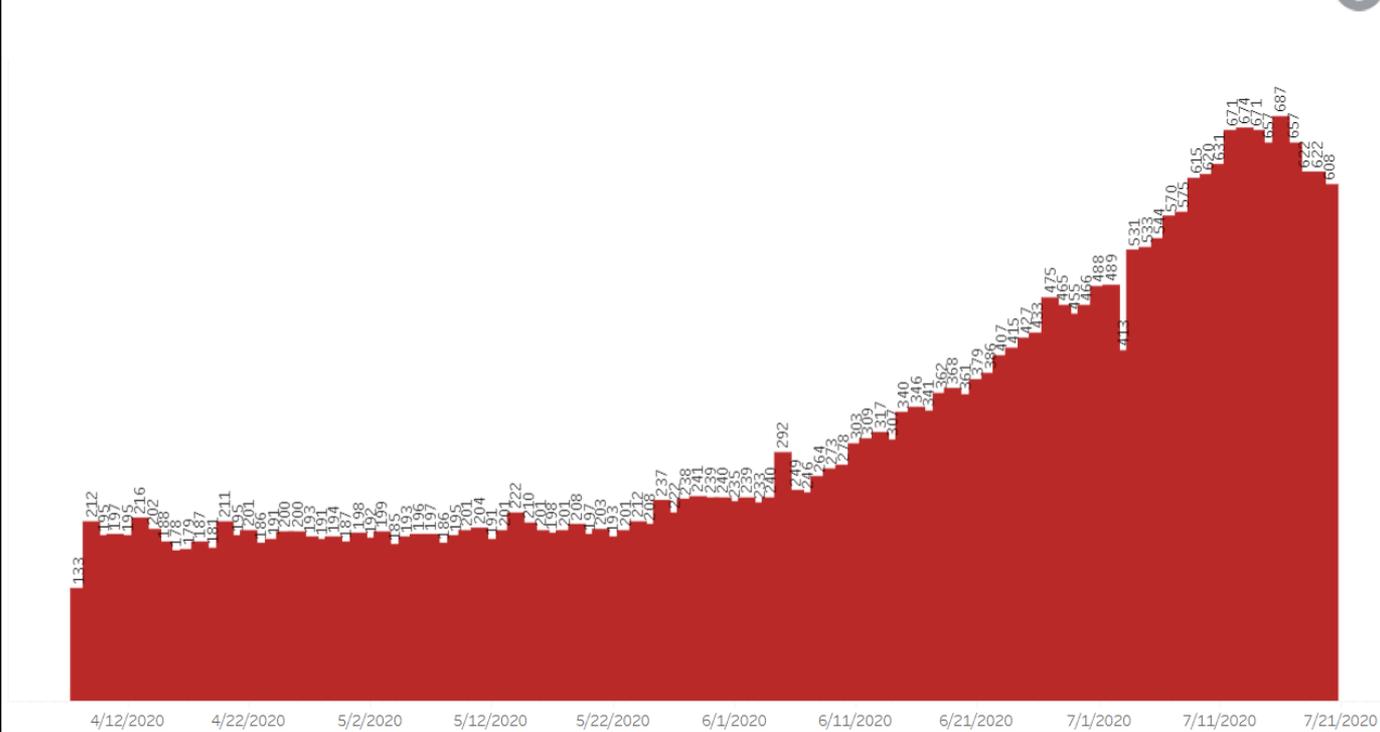


# Ventilator Usage Due to COVID-19



Number of **Ventilators in Use** by Positive or Suspect COVID-19 Patients

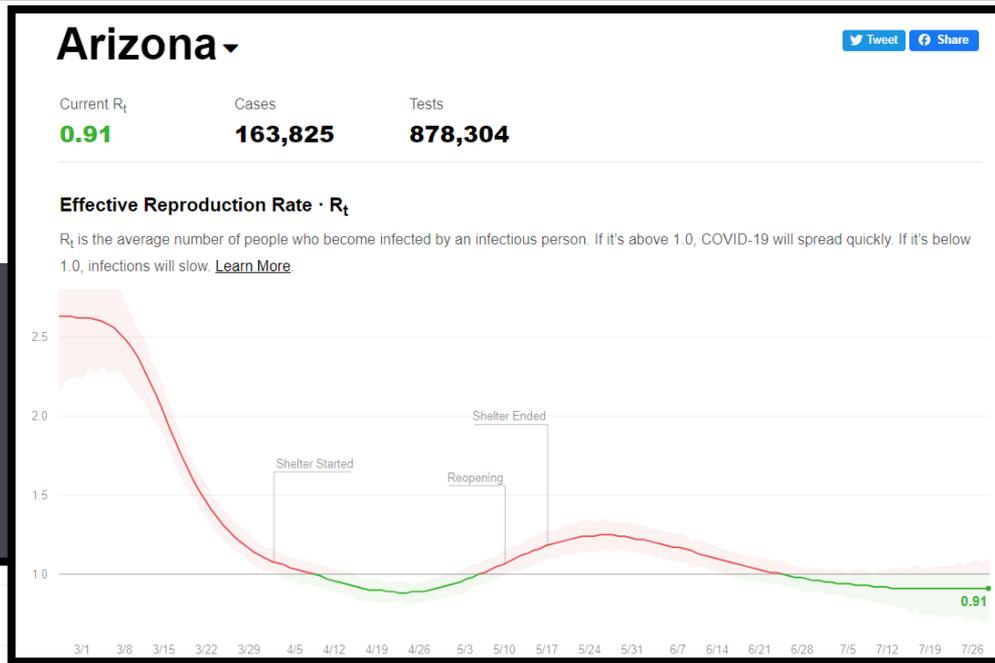
Hover over the icon to get more information on the data in this dashboard.



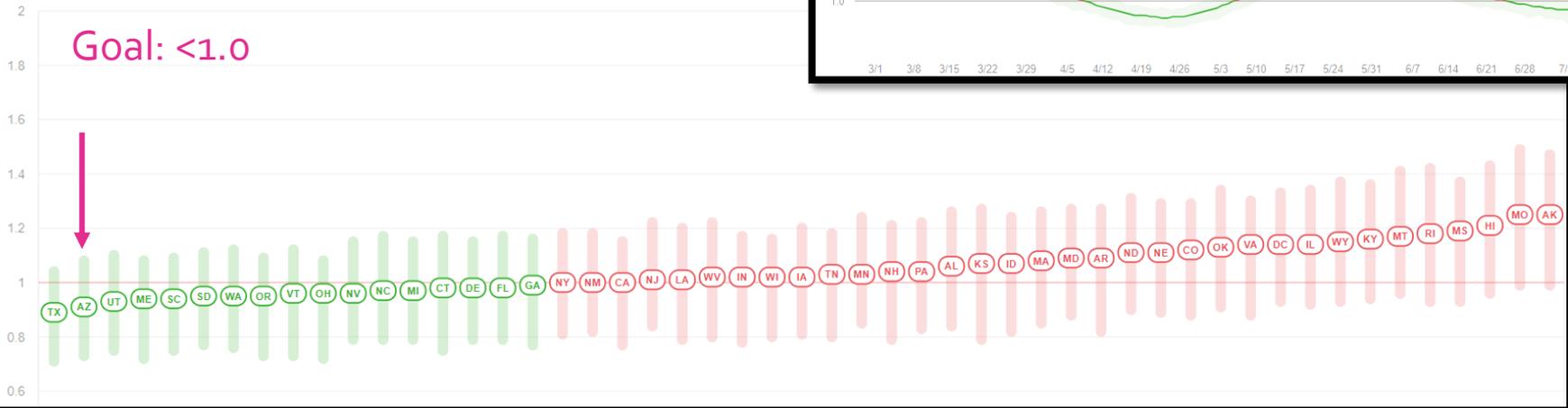
Date	Total Ventilators (in use%)	# COVID
6/15/20	707 (38%)	340
6/22/20	716 (41%)	386
6/29/20	773 (45%)	455
7/6/20	895 (51%)	544
7/15/200	996 (52%)	674
7/20/20	952 (49%)	608
7/27/20	920 (47%)	574



# Effective Reproduction #: $R_t$



Goal:  $<1.0$



# Discontinuation of Isolation for Persons with COVID-19

## Interim Guidance

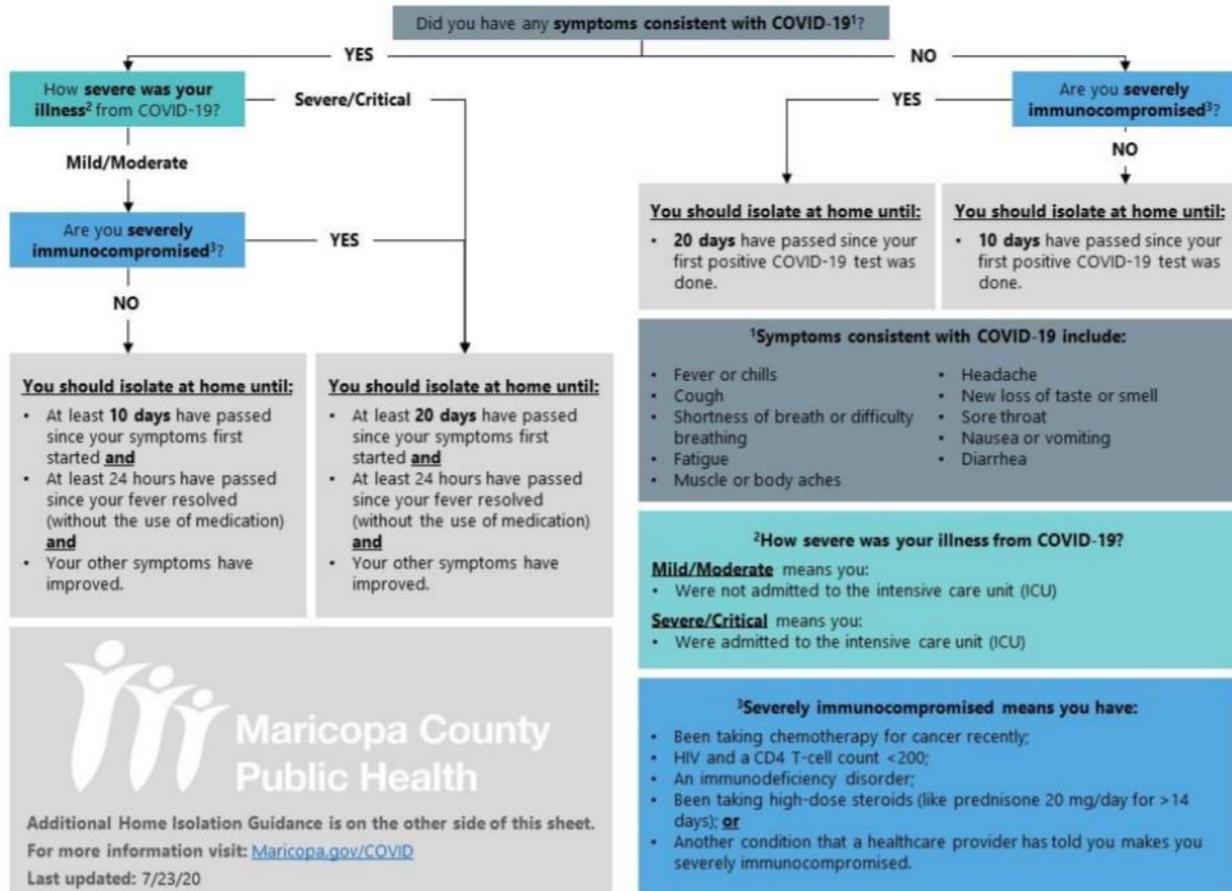


Centers for Disease Control and Prevention  
 CDC 24/7: Saving Lives, Protecting People™

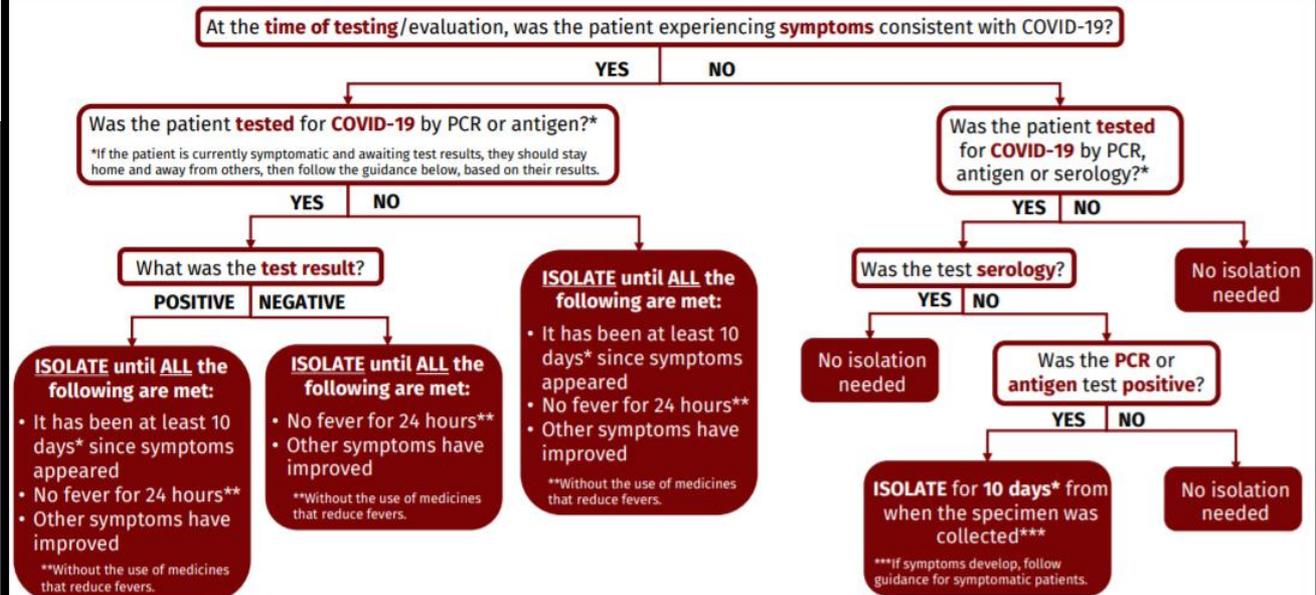
Guidance was updated on 7/20/20

Patient Group	Isolation period = days from symptom onset		Symptoms passed = resolution of fever & other symptoms improved
People <b><u>with symptoms</u></b> who are COVID positive with mild-moderate illness	10 days	AND	At least 24 hours
People <b><u>with symptoms</u></b> who are COVID positive with severe-critical illness OR severely immunocompromised	20 days	AND	At least 24 hours
People <b><u>without symptoms</u></b> who are COVID positive	10 days from test collection date of their 1 <sup>st</sup> positive PCR test		
People <b><u>without symptoms</u></b> who are COVID positive AND who are severely immunocompromised	20 days from test collection date of their 1 <sup>st</sup> positive PCR test		

## How long should I isolate at home if I tested positive for COVID-19?



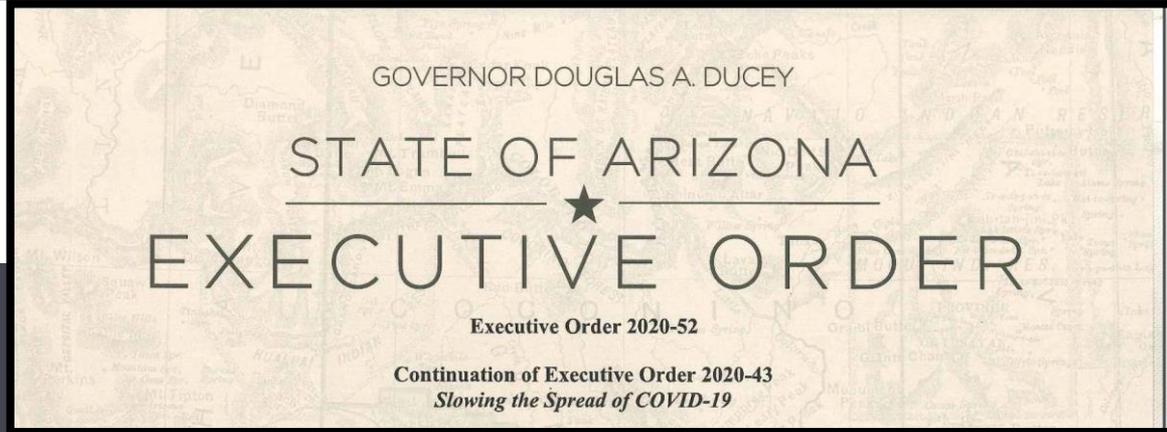
# Arizona COVID-19 Guidance 'Release from Isolation' Flow Chart



\*A person who had **severe/critical illness** or is **severely immunocompromised** should:  
 If symptomatic, stay home away from others or under isolation precautions until:  
 At least **20 days** have passed since symptoms first appeared; AND  
 At least 24 hours have passed since last fever without the use of medicine that reduces fevers; AND  
 Other symptoms have improved.  
 If asymptomatic, stay home away from others or under isolation precautions until:  
 At least **20 days** have passed since specimen collection of the first positive COVID-19 PCR/antigen testing while asymptomatic. If symptoms develop, follow guidance for symptomatic and tested positive for COVID-19.

Outside of these criteria above, **extension of isolation is not routinely recommended** if an individual is retested **within 3 months** of onset of symptoms or date of first positive test while asymptomatic.



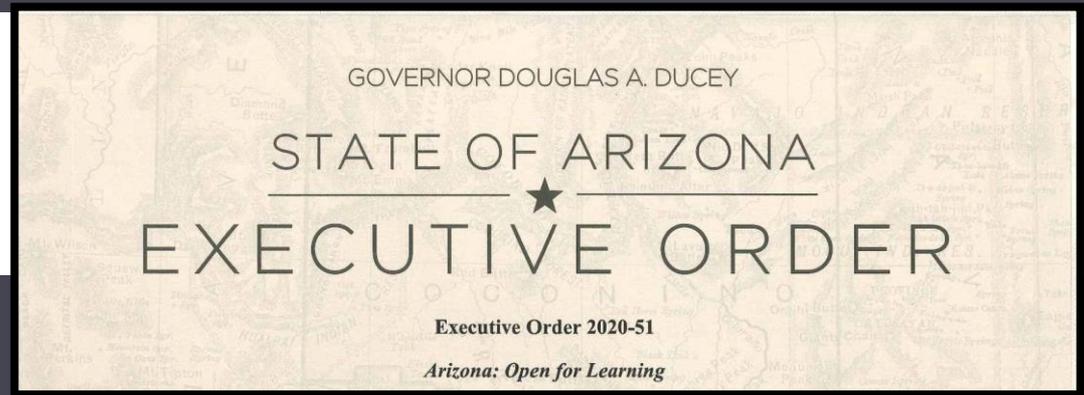


**NOW, THEREFORE,** I, Douglas A. Ducey, Governor of the State of Arizona, by virtue of the authority vested in me by the Constitution and laws of this state including A.R.S. §§ 26-303 and 36-787, hereby order as follows:

1. The provisions of Executive Order 2020-43, ordered through July 27, 2020, including those pausing business operations for certain businesses, shall be extended, remain in place and continue to be reviewed for repeal or revision every two weeks.
2. The Governor's Office will issue a notice of review and current status of this and Executive Order 2020-43 which shall be published on the Governor's Office website at [www.azgovernor.gov](http://www.azgovernor.gov).
3. If any provision of this Executive Order, and Executive Order 2020-43 which is incorporated herein, or their application to any person or circumstance is held invalid by any court of competent jurisdiction, this invalidity does not affect any other provision or application of this Executive Order or any other Executive Order, which can be given effect without the invalid provision or application. To achieve this purpose, the provisions of this Executive Order are declared to be severable.

July 23<sup>rd</sup>: Extends closure of bars, gyms, theaters and waterparks past July 27<sup>th</sup> until further notice.

- [Draft Guidance for gyms](#)
- [Gym Attestation Form](#)



- There must be 180 days of instruction hours with the option for in person and distance learning.
- Schools must provide free onsite learning and support services while implementing health and safety protocols.
- ADHS will develop public health benchmarks by August 7th to assist local leaders in making determinations for the return to in-person learning.
- \$370 million from CARES funding will go to K-12 education.
- \$70 million dollars will go towards other efforts for closing the achievement gaps seen in schools by the way of expanding broadband, supporting high-need schools, and various organizations supporting teachers and students.

[Open For Learning Plan](#)

# FDA-CDER | COVID-19 Critical Care Drug Monitoring

- The generics drug supply for heparin sodium has been expanded ([The Orange Book](#)) and heparin sodium has also been added to [FDA List of Extended Use Dates](#).
- In addition, dexamethasone sodium phosphate has been added to [FDA Temporary Policy for Compounding](#). Your submissions are vital in prioritizing our work to your pressing needs.

Note: AzPA has appointed individuals across AZ to fill out a weekly survey to give feedback to the FDA on drug supply in Arizona Health Systems.



# Symptom Duration and Risk Factors for Delayed Return to Usual Health Among Outpatients with COVID-19 in a Multistate Health Care Systems Network — United States, March–June 2020

*Early Release* / July 24, 2020 / 69

## Summary

### What is already known about this topic?

Relatively little is known about the clinical course of COVID-19 and return to baseline health for persons with milder, outpatient illness.

### What is added by this report?

In a multistate telephone survey of symptomatic adults who had a positive outpatient test result for SARS-CoV-2 infection, 35% had not returned to their usual state of health when interviewed 2–3 weeks after testing. Among persons aged 18–34 years with no chronic medical conditions, one in five had not returned to their usual state of health.

### What are the implications for public health practice?

COVID-19 can result in prolonged illness, even among young adults without underlying chronic medical conditions. Effective public health messaging targeting these groups is warranted.

# CDC Issues Mass Vaccination Clinic Guidance



CDC has issued revised [Guidance for Planning Vaccination Clinics Held at Satellite, Temporary, or Off-Site Locations](#).

The guidance is broken down into four categories:

- [Planning activities](#)
- [Pre-clinic activities](#)
- [During the clinic activities](#)
- [Post-clinic activities](#)

The guidance also provides information on additional considerations that are required during the COVID-19 pandemic, including physical distancing, personal protective equipment (PPE), and enhanced sanitation efforts.

# U.S. Panel Charged to Plan Fair Distribution of Eventual COVID-19 Vaccine

- CDC and NIH officials have tasked a group of independent scientists and ethicists with forming guidelines to determine who should receive the first doses of a COVID-19 vaccine, once one becomes available.
- Members will need to consider the requirements of people who are at highest risk of COVID-19 complications, as well as health care workers, the military, individuals who work in essential industries, and places in the country where the virus is most active.
- The initial draft of the guidelines is due to be completed by the end of August and be open for public comment.
- CDC Director Robert Redfield, MD, instructed the panel to "make every effort to ensure not only that any vaccine is allocated in an equitable fashion, but also that the public actually sees that it's equitable, fair and transparent." ([Read More](#))

# First Phase 3 Trial Of A Coronavirus Vaccine Candidate Begins

- Moderna Inc and Pfizer Inc launched two 30,000-subject trials of COVID-19 vaccines that could clear the way for regulatory approval and widespread use by the end of this year.
- More than 150 coronavirus vaccine candidates are in various stages of development, with some two dozen prospects already conducting human testing.

[Read More](#)

Questions?