



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

Search

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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

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CORONAVIRUS
RESOURCE CENTER



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

Admin0

Admin1

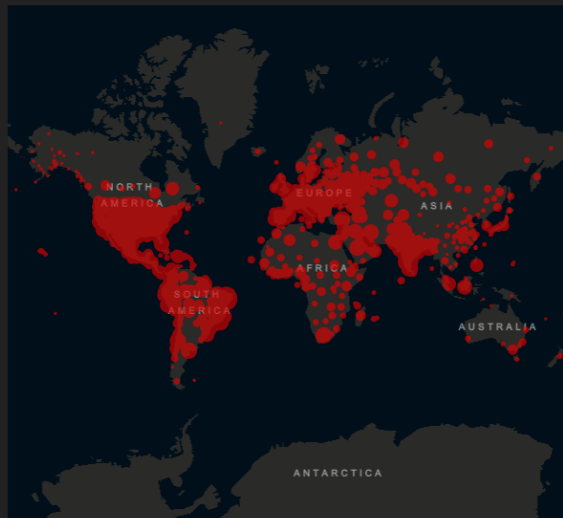
Admin2

Last Updated at (M/D/YYYY)

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

188

countries/regions



Esri, FAO, NOAA

Cumulative Confirmed Cases

Active Cases

Incidence Rate

Case-Fatality Ratio

Testing Rate

Hospitalization Rate

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

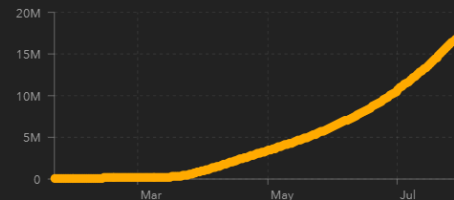
15,825 deaths, 32,313
recovered
New Jersey US

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

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

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*

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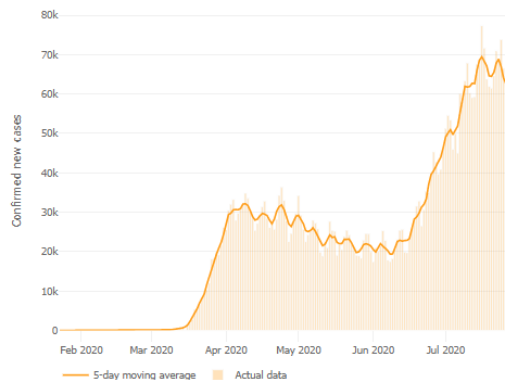
CORONAVIRUS
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US

New cases confirmed each day (5-day-average)

▼ DOWN

The first case of COVID-19 in US was reported 188 days ago on 1/21/2020. Since then, the country has reported 4,351,997 cases, and 149,256 deaths.



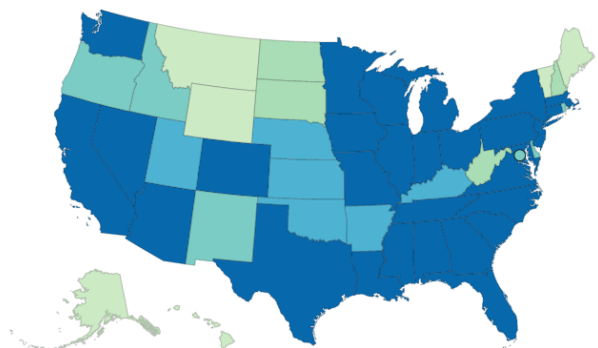
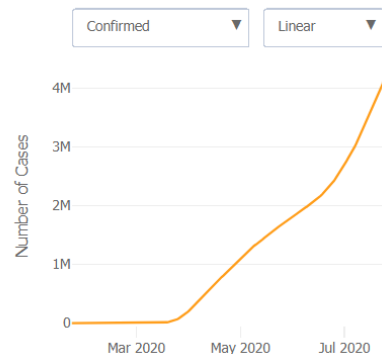
US

Yesterday's data (7/29/2020)

NEW CASES: **61,660**

DEATHS: **1,244**

The first case of COVID-19 in US was reported 188 days ago on 1/21/2020. Yesterday, the country reported 61,660 new confirmed cases and 1,244 deaths.



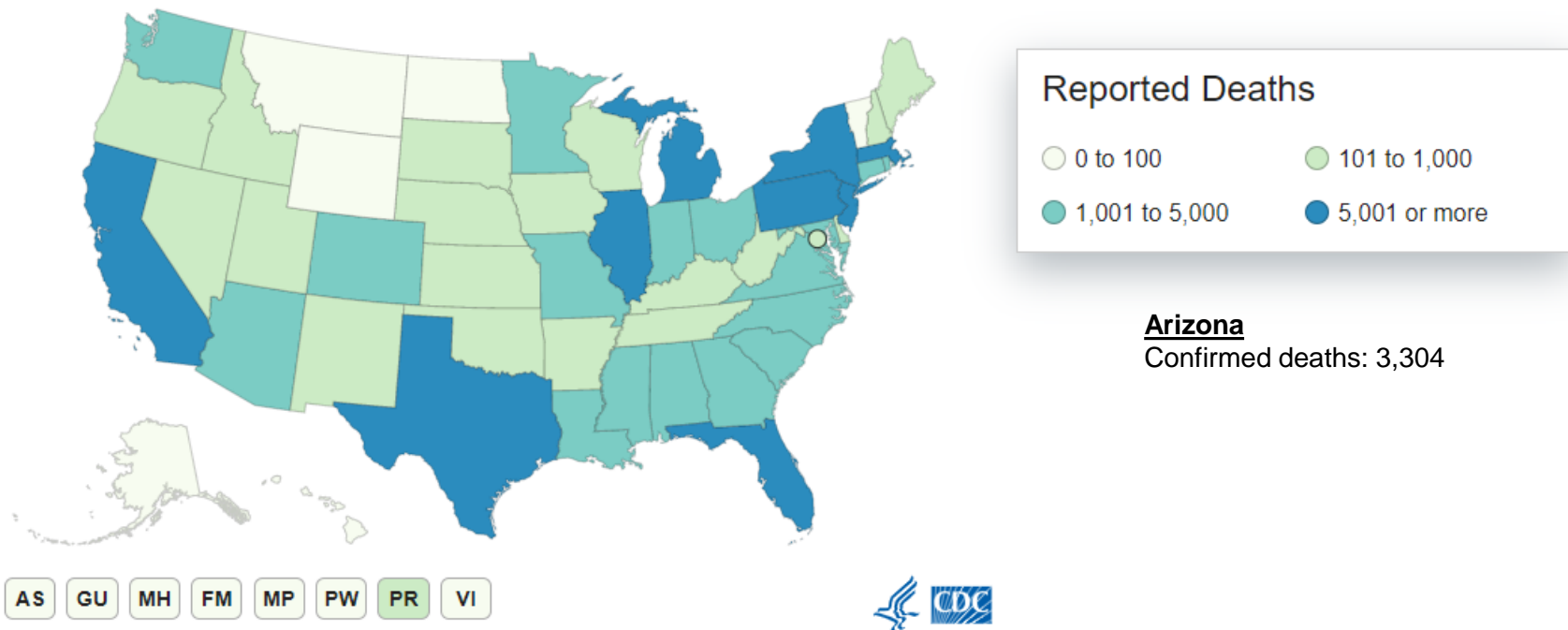
AS GU MH FM MP PW PR VI

Reported Cases

- 0 to 1,000
- 1,001 to 5,000
- 5,001 to 10,000
- 10,001 to 20,000
- 20,001 to 40,000
- 40,001 or more

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.



US Cases by County

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CORONAVIRUS
RESOURCE CENTER

COVID-19 United States Cases by County Johns Hopkins University

States/Territories Please select

Top 50 Confirmed Cases by County

176,036 confirmed
Los Angeles

109,936 confirmed
Maricopa

107,315 confirmed
Miami-Dade

103,605 confirmed
Cook

86,932 confirmed
Queens

66,190 confirmed
Harris

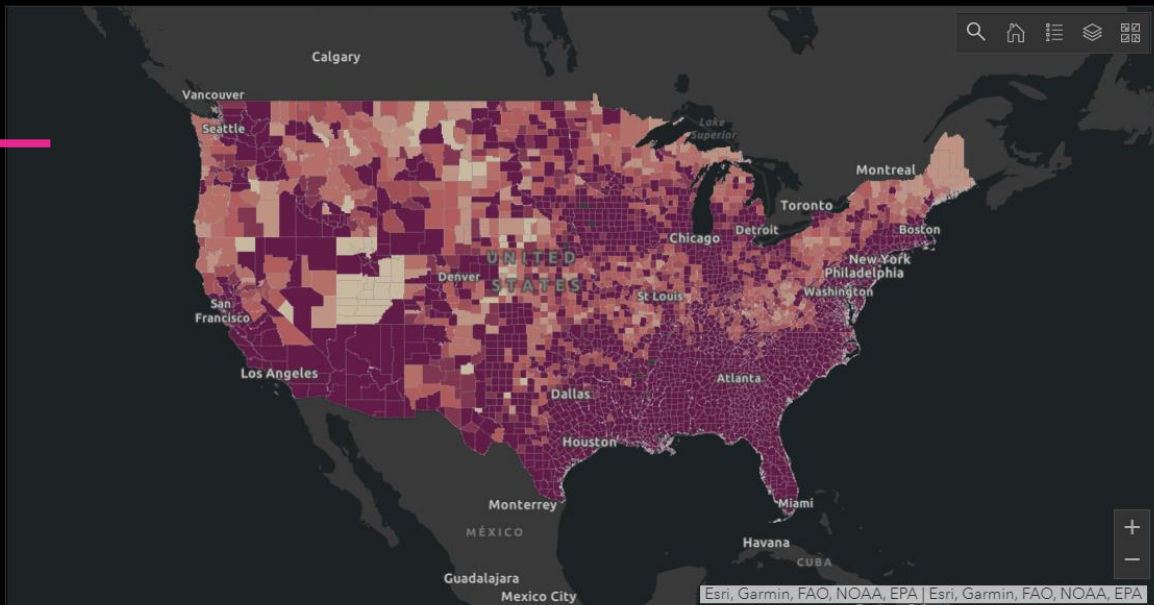
61,280 confirmed
Kings

50,784 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)

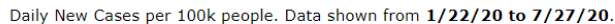
111,038 Louisiana (3,812)

99,044 Tennessee (999)

87,958 Michigan (6,421)

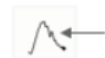
86,994 Virginia (2,095)

Daily confirmed new cases (3-day moving average)



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.

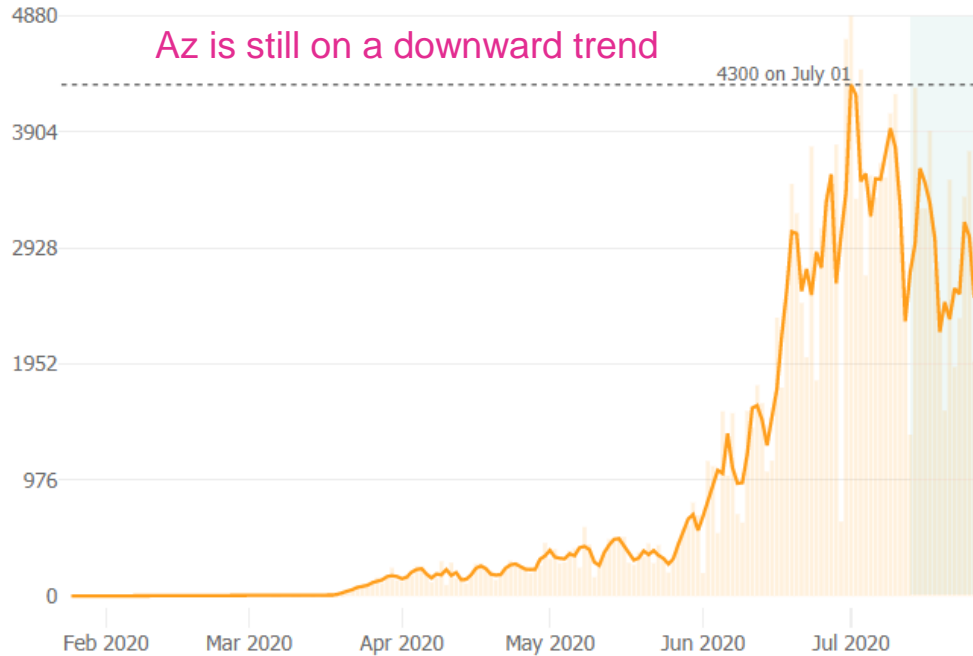


The **redder** the background, the bigger the **upward trend** of new cases in this state.

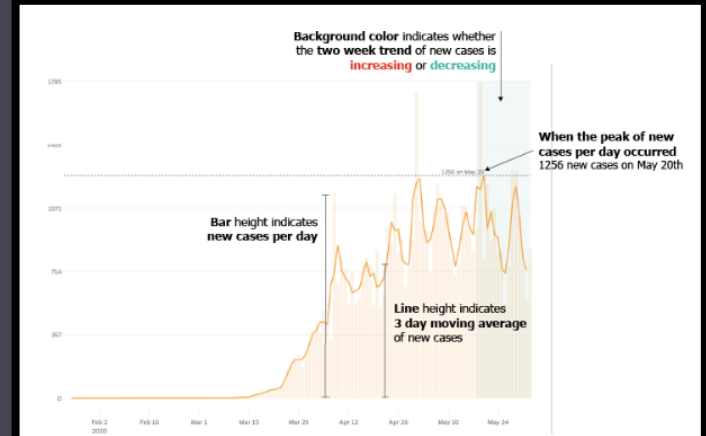
AZ: Daily Confirmed New Cases

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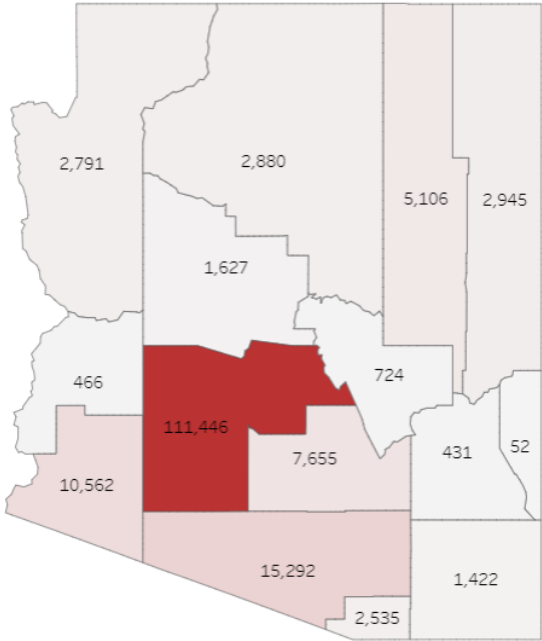


Federal guidelines advise that states wait until they experience a downward trajectory of documented cases within a 14-day period before proceeding to a phased opening. In the state-specific view of the graph, this two-week period is highlighted in **orange** if cases are trending upward, or **green**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





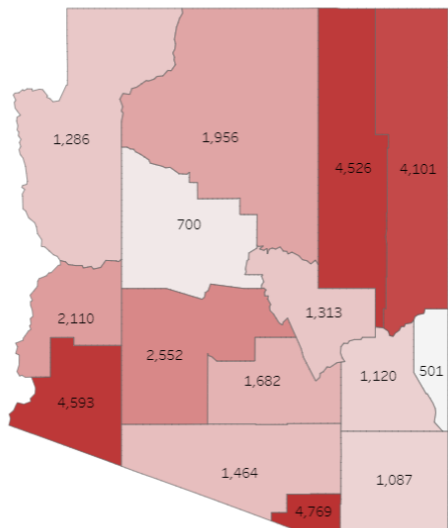
ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans



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



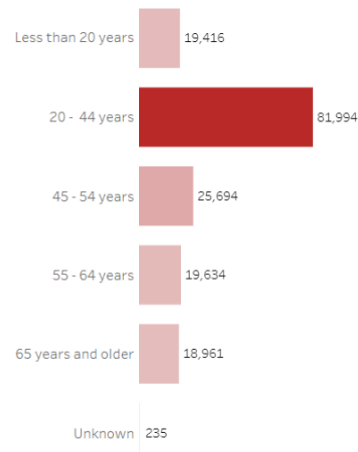
Cases by County

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



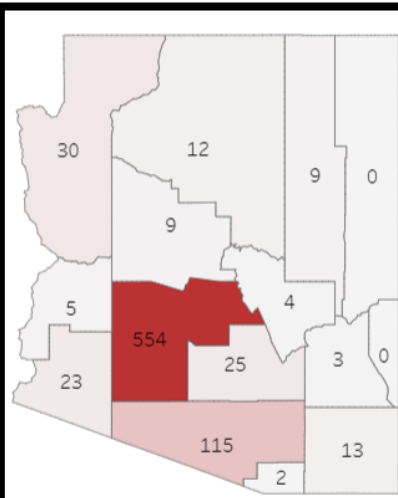
Congregate Settings with Positive COVID-19 Cases



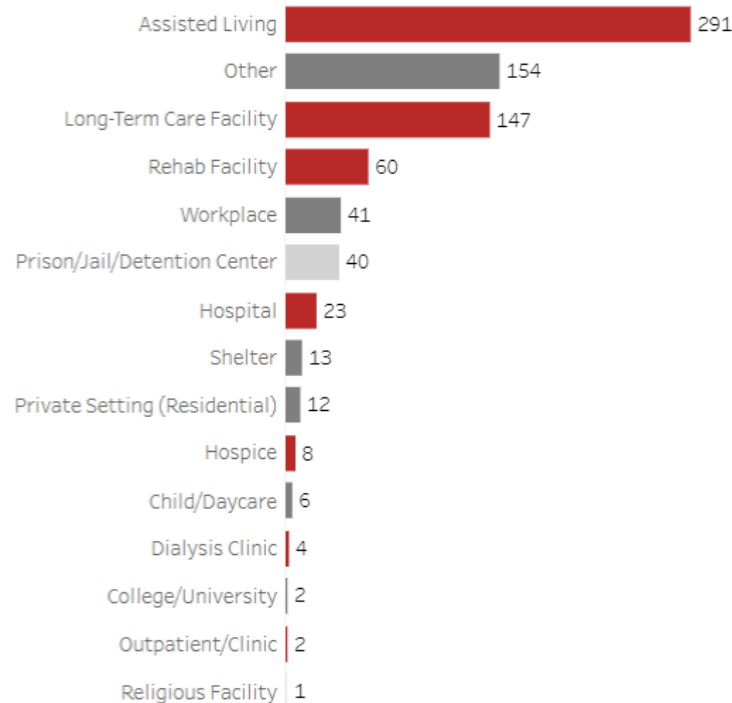
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Health and Wellness for All Arizonans

Number of Congregate Settings with Confirmed COVID-19 Cases

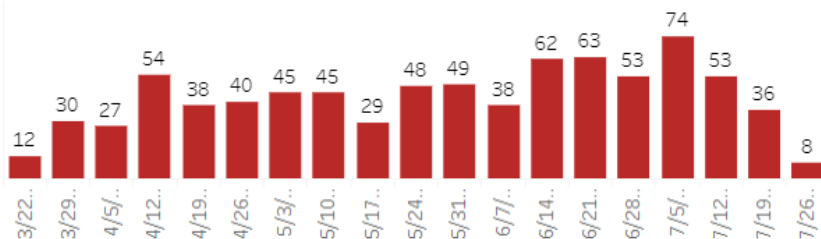
804



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?

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States that meet positivity recommendations: 19

STATE PERCENTAGE OF POSITIVE TESTS

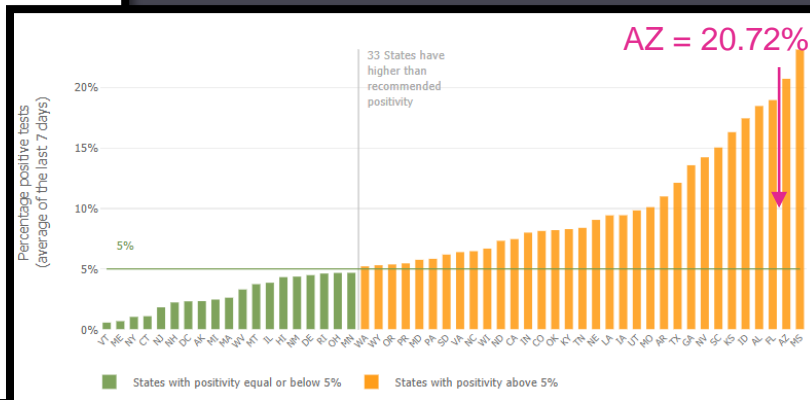
Vermont	0.56%
Maine	0.68%
New York	1.04%
Connecticut	1.09%
New Jersey	1.83%
New Hampshire	2.23%
District of Columbia	2.32%
Alaska	2.34%
Michigan	2.47%
Massachusetts	2.62%

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.

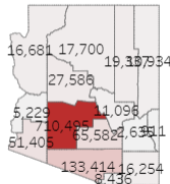


Laboratory Testing

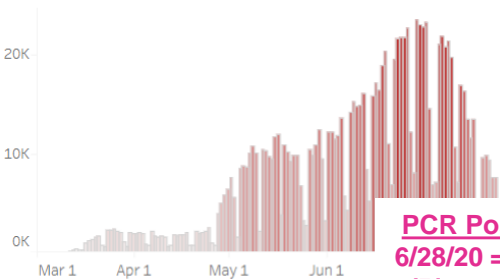
Date	Total % Positive	PCR % Positive	Sero % Positive
6/17/20	7.1%	8.7%	3.1%
6/24/20	8.6%	10.5%	3.0%
7/1/20	9.9%	12%	3.2%
7/8/20	11.3%	13.6	3.4%
7/15/20	11.9%	14.2%	3.7%
7/22/20	12.4%	14.6%	4.4%
7/29/20	12.7%	14.6%	4.9%

All tests completed for COVID-19	All tests reported yesterday in Arizona	Total % Positive COVID-19 All Tests
1,112,825	13,143	12.7%

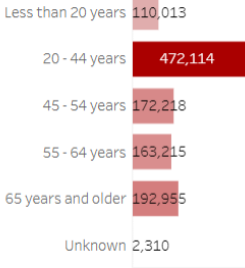
All tests by county
Select a county to filter the data.



All tests by date of collection



All Testing by Age Group

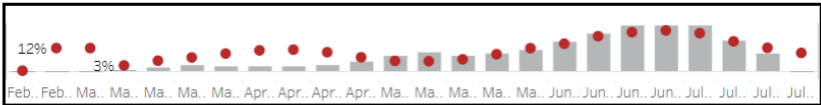


PCR Positivity %

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%



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

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

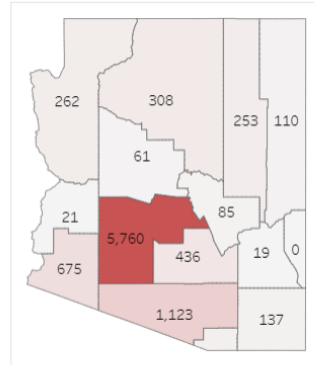


ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

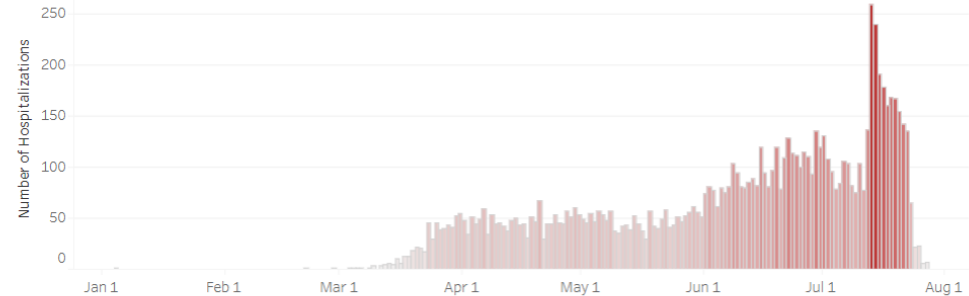
Date	Total # COVID Cases In Hospital	% Cases
6/17/20	3,808	10%
6/24/20	4,250	7%
7/1/20	4,736	6%
7/8/20	5,272	5%
7/15/20	5,942	5%
7/22/20	6,894	5%
7/29/20	9,394	6%

Number of Cases Hospitalized
9,394

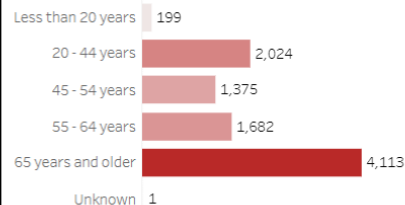
Percent of Cases Hospitalized
6%



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



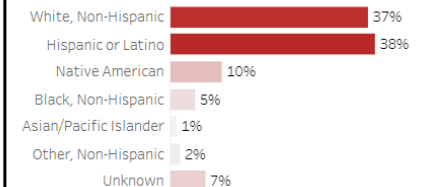
COVID-19 Hospitalized Cases by Age Group



COVID-19 Hospitalized Cases by Gender



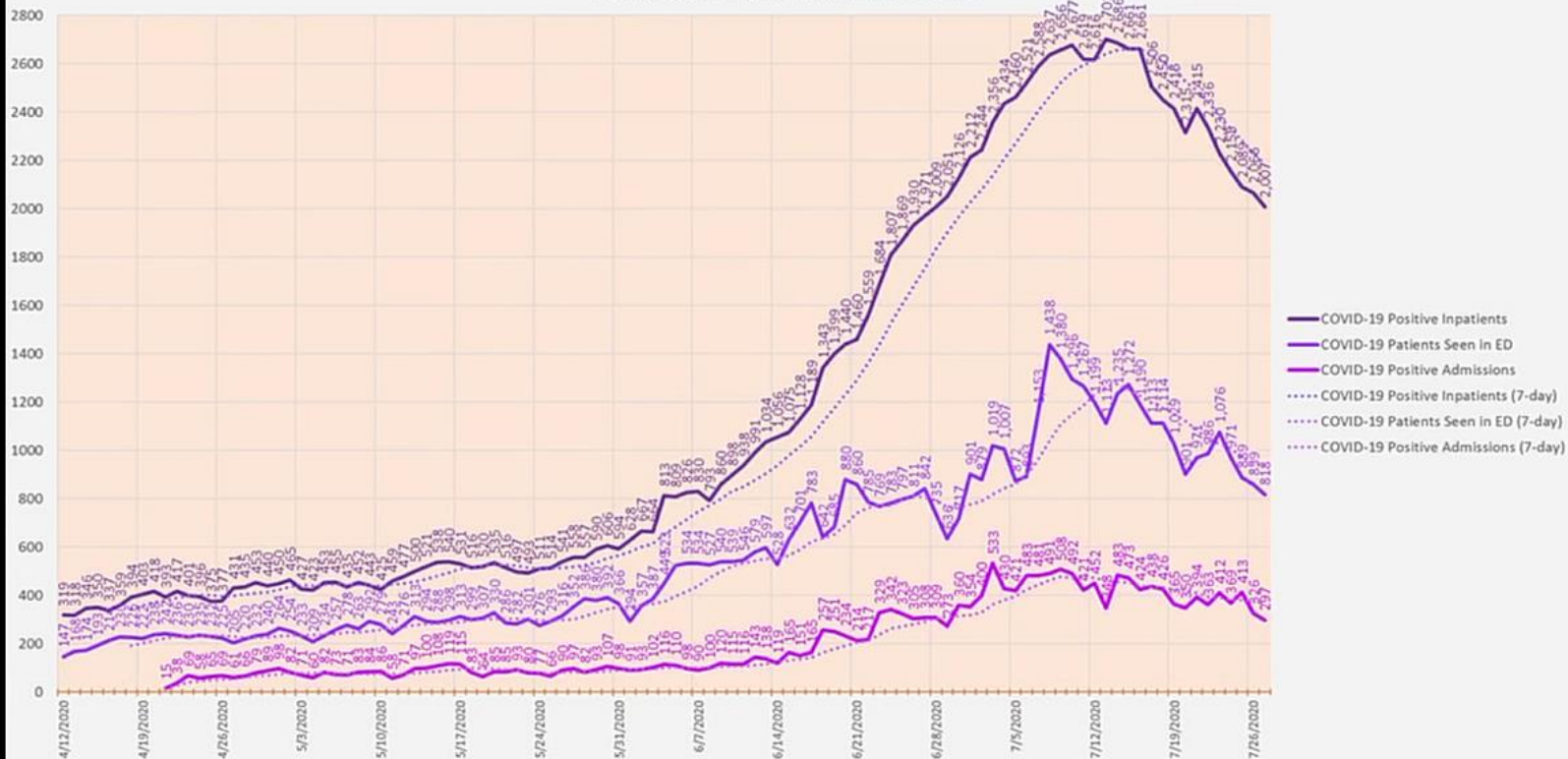
COVID-19 Hospitalized Cases by Race/Ethnicity



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

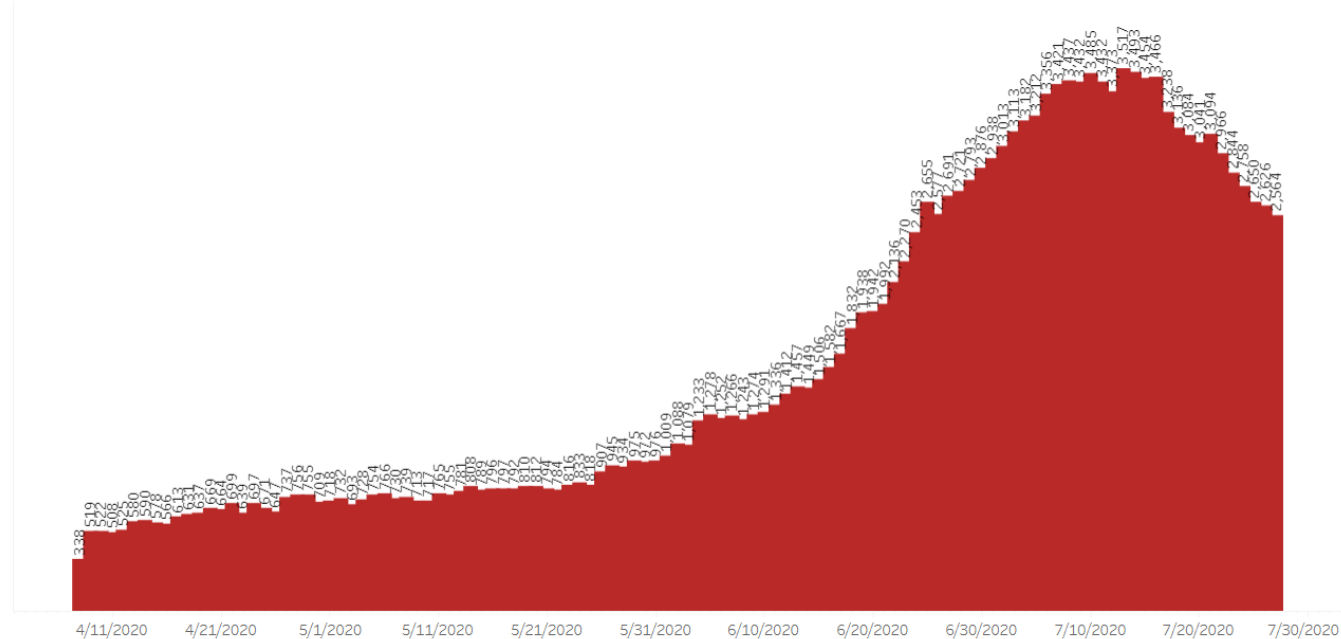


ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

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

Number of Positive or Suspected **Inpatient COVID-19 Patients**

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

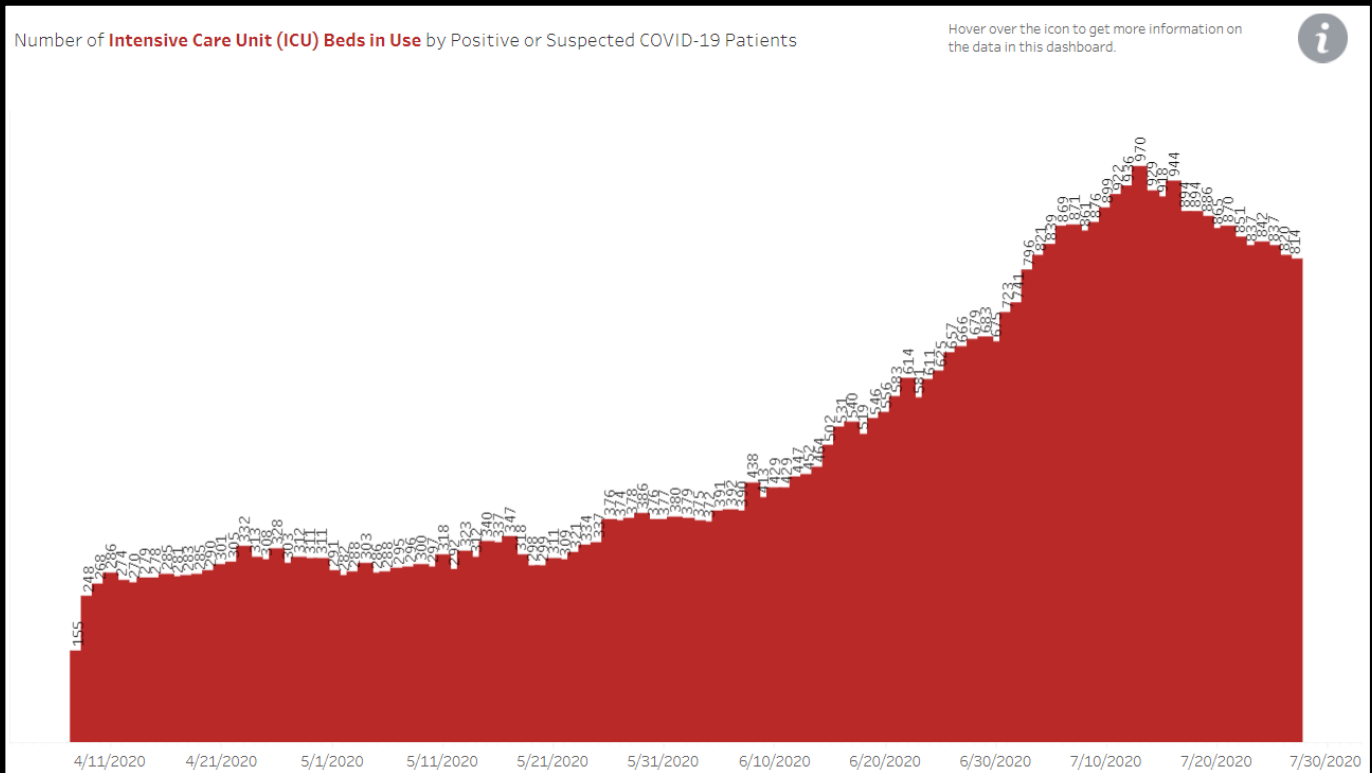


ICU Beds in Use Due to COVID-19



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

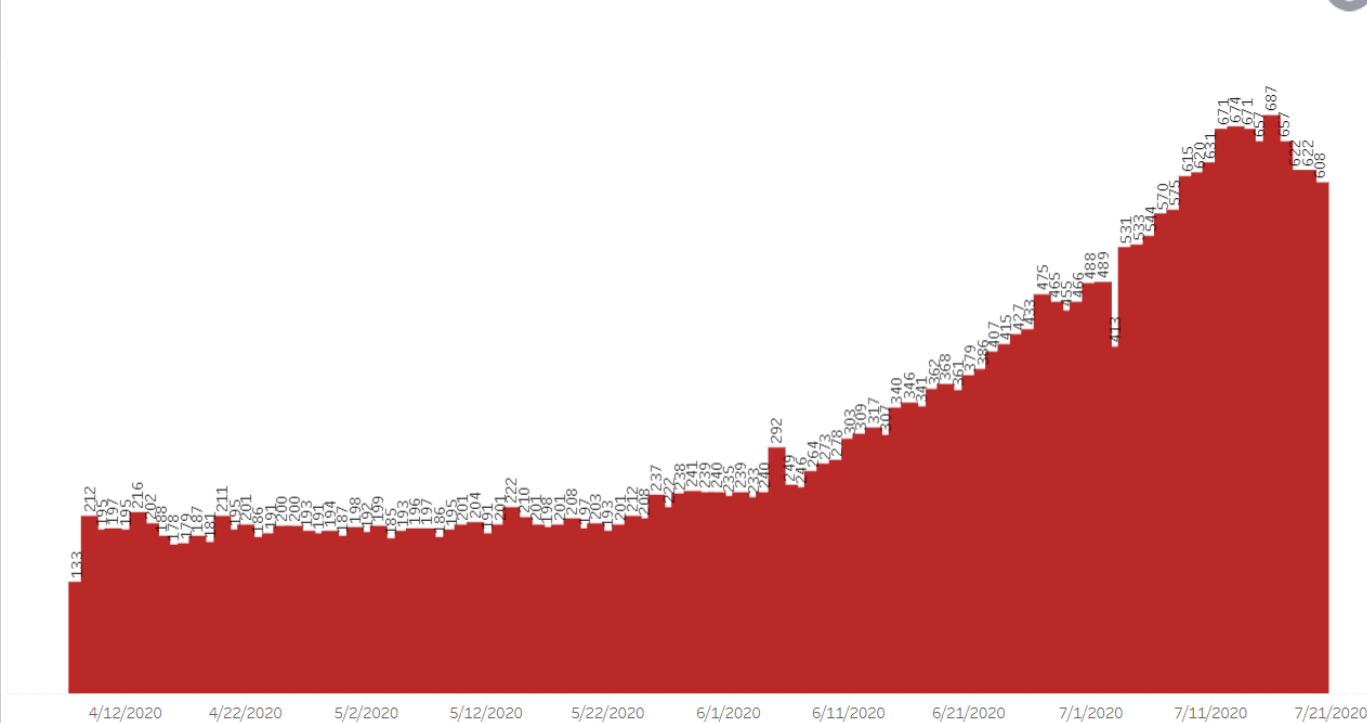


ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

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
7/15/20	996 (52%)	674
7/20/20	952 (49%)	608
7/27/20	920 (47%)	574

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.



Deaths



ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

COVID-19 Deaths (total)

3,408

New COVID-19 Deaths Reported Today

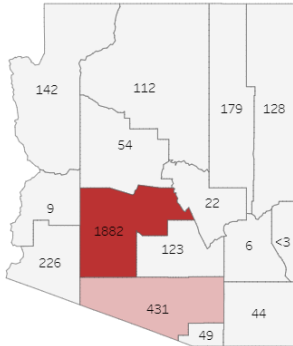
104

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

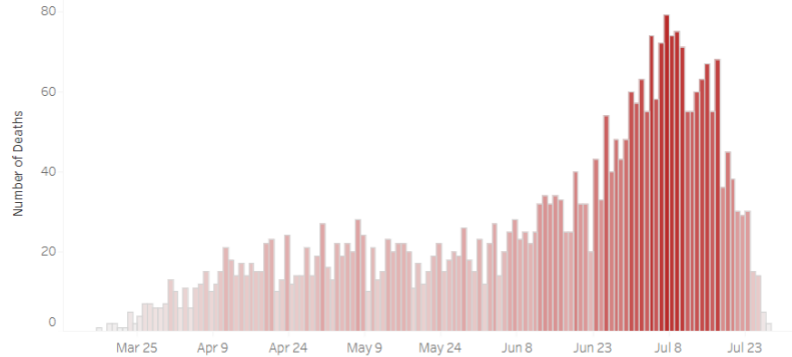


COVID-19 Deaths by County

Data will not be shown for counties with fewer than three deaths.



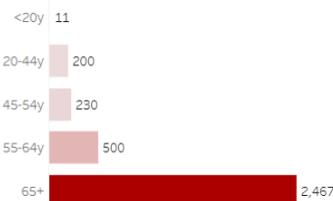
COVID-19 Deaths by Date of Death



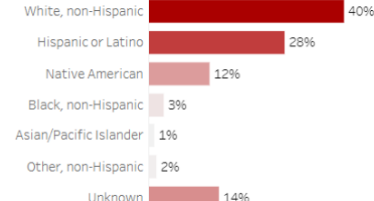
COVID-19 Deaths by Gender



COVID-19 Deaths by Age Group

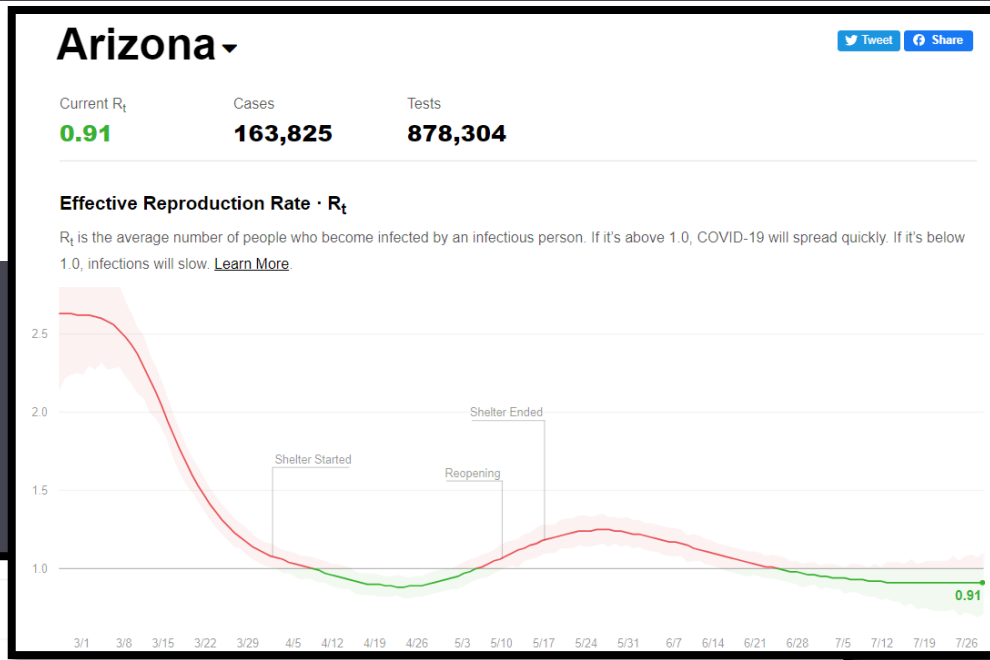
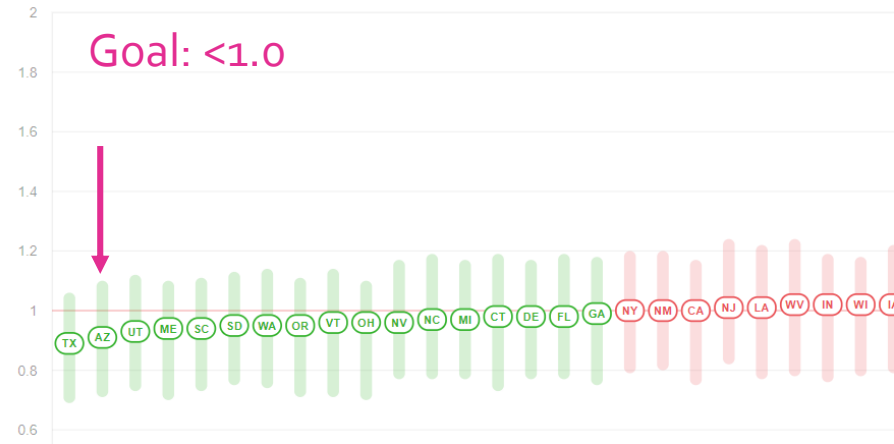


COVID-19 Deaths by Race/Ethnicity



Same trends as in past few weeks. ~75% of deaths are in the 65+ year old age group.

Effective Reproduction #: R_t



Discontinuation of Isolation for Persons with COVID-19

Interim Guidance

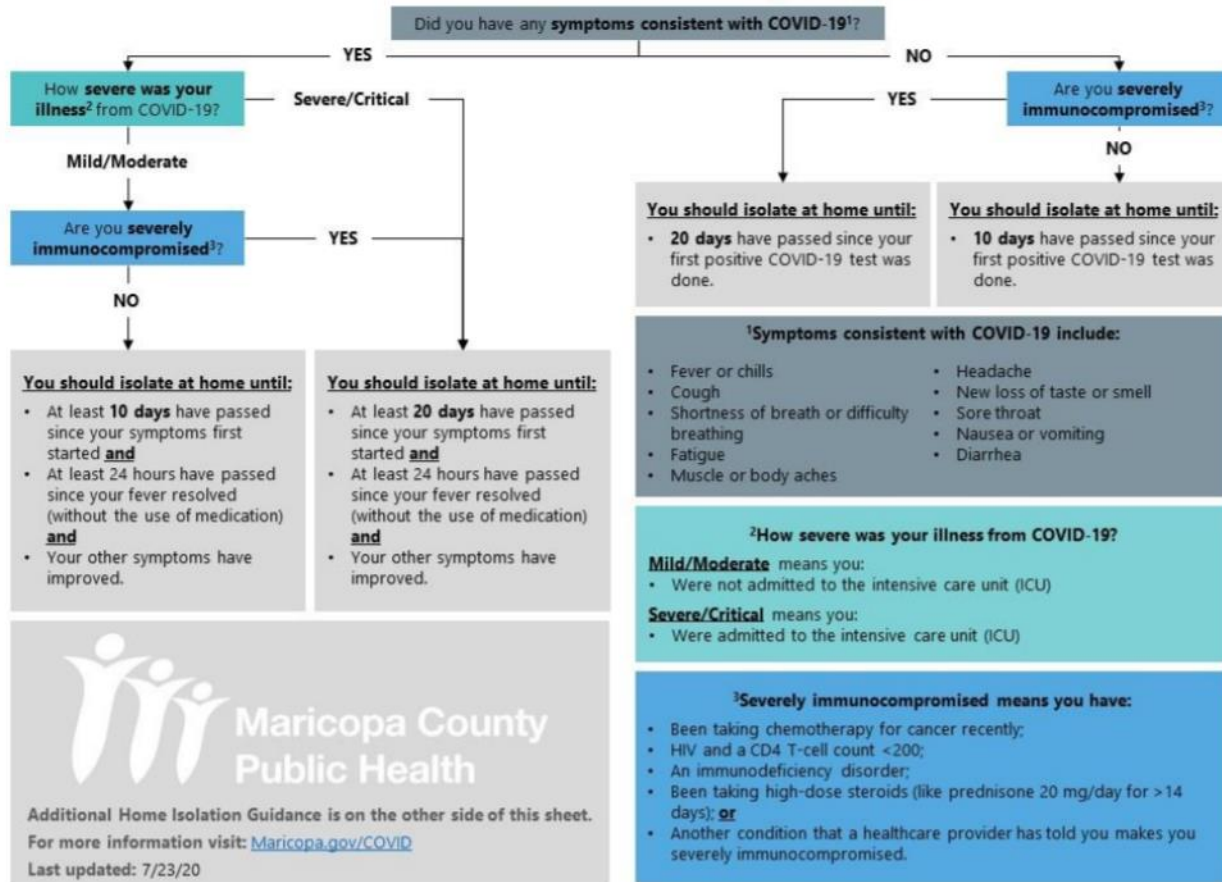


Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

Guidance was updated on 7/20/20

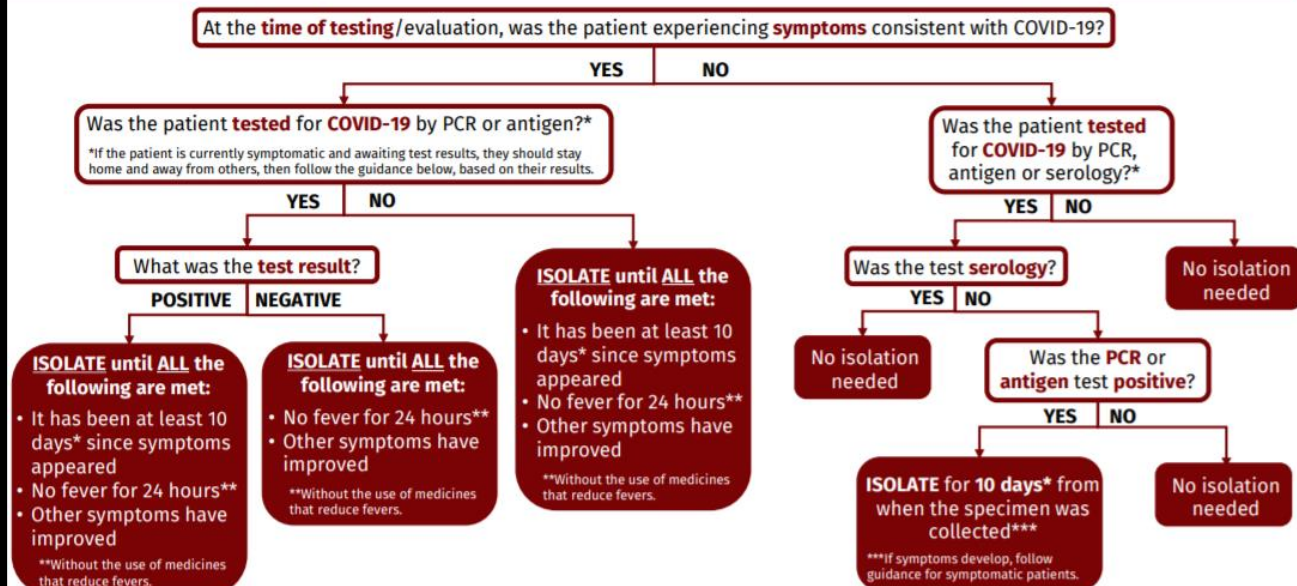
Patient Group	Isolation period = days from symptom onset		Symptoms passed = resolution of fever & other symptoms improved
People <u>with symptoms</u> who are COVID positive with mild-moderate illness	10 days	AND	At least 24 hours
People <u>with symptoms</u> who are COVID positive with severe-critical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

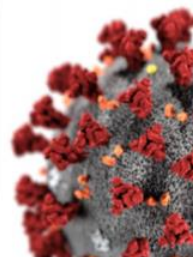
Other symptoms have improved.

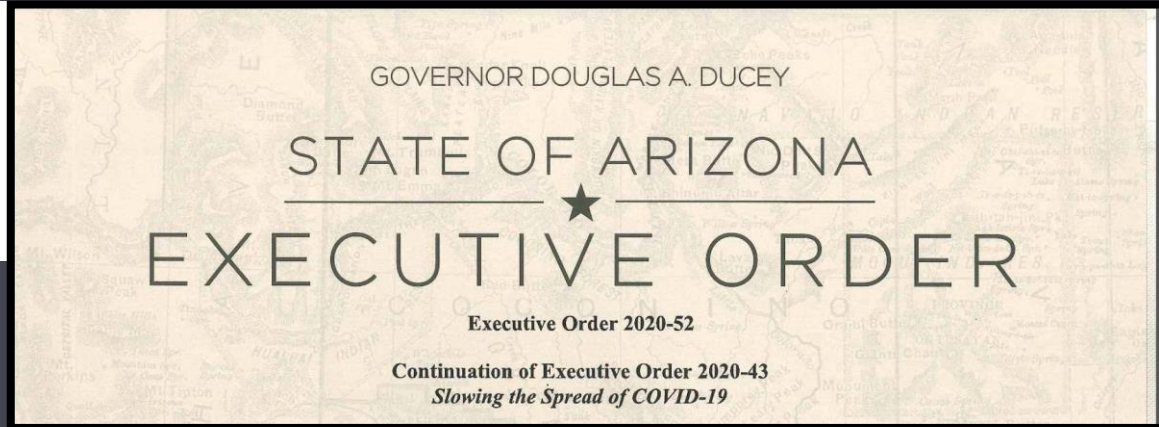
If asymptomatic, stay home away from others or under isolation precautions until:

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.



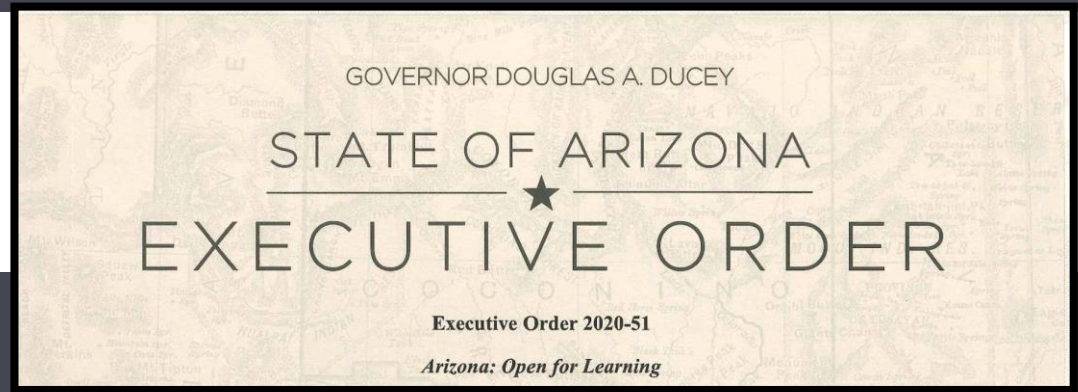


NOW, THEREFORE, I, Douglas A. Ducey, Governor of the State of Arizona, by virtue of the authority vested in me by the Constitution and laws of this state including A.R.S. §§ 26-303 and 36-787, hereby order as follows:

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.
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 23rd: Extends closure of bars, gyms, theaters and waterparks past July 27th 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.



Morbidity and Mortality Weekly Report (MMWR)

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



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

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?