



July 8, 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

Worldwide Cases

JOHNS HOPKINS
UNIVERSITY & MEDICINE

CORONAVIRUS
RESOURCE CENTER



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



Total Confirmed

11,852,102

Confirmed Cases by
Country/Region/Sovereignty

2,996,333 US
1,668,589 Brazil
742,417 India
699,749 Russia
309,278 Peru
301,019 Chile
287,880 United Kingdom
268,008 Mexico
252,130 Spain
248,379 Iran

Admin0

Last Updated at (M/D/YYYY)

7/8/2020, 5:33:52 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](#) and [NSF](#). Resource support: [Slack](#), [Github](#) and [AWS](#). Click [here](#) to [donate](#) to the CSSE dashboard team, and



Esri, FAO, NOAA

Global Deaths

544,726

131,481 deaths
US

66,741 deaths
Brazil

44,476 deaths
United Kingdom

34,899 deaths
Italy

32,014 deaths
Mexico

Global Deaths

US State Level

Deaths, Recovered

32,243 deaths, **71,091**
recovered
New York US

15,281 deaths, **30,774**
recovered
New Jersey US

8,213 deaths, **93,157**
recovered
Massachusetts US

7,273 deaths, **recovered**
Illinois US

US Deaths, Reco...

Cumulative Confirmed Cases

Active Cases

Incidence Rate

Case-Fatality Ratio

Testing Rate

Hospitalization Rate

Confirmed

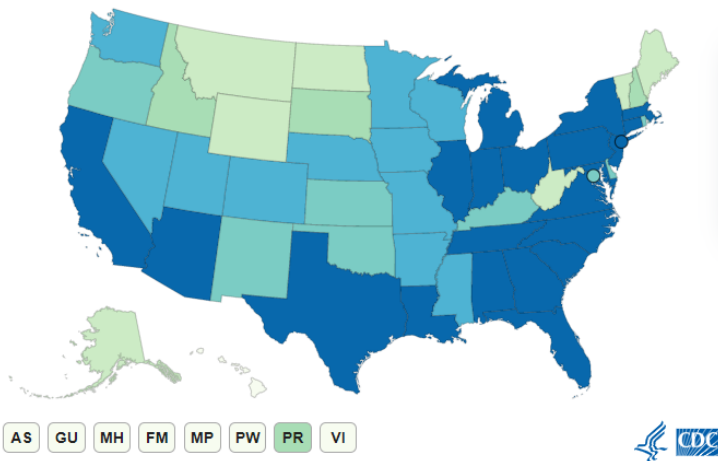
Logarithmic

Daily Cases

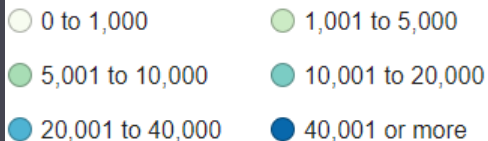
National Cases



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



Reported Cases



TOTAL CASES

2,932,596

46,329 New Cases*

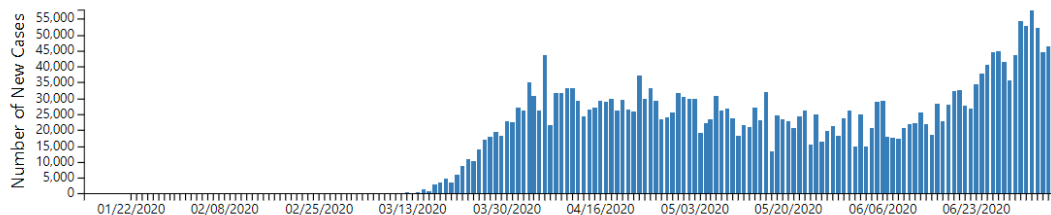
TOTAL DEATHS

130,133

322 New Deaths*

New Cases by Day

The following chart shows the number of new COVID-19 cases reported each day in the U.S. since the beginning of the outbreak. Hover over the bars to see the number of new cases by day.



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 from list

County (or Equivalent)

Please select from list

Top 50 Confirmed Cases by County

120,764 confirmed
Los Angeles

93,053 confirmed
Cook

67,543 confirmed
Maricopa

65,847 confirmed
Queens

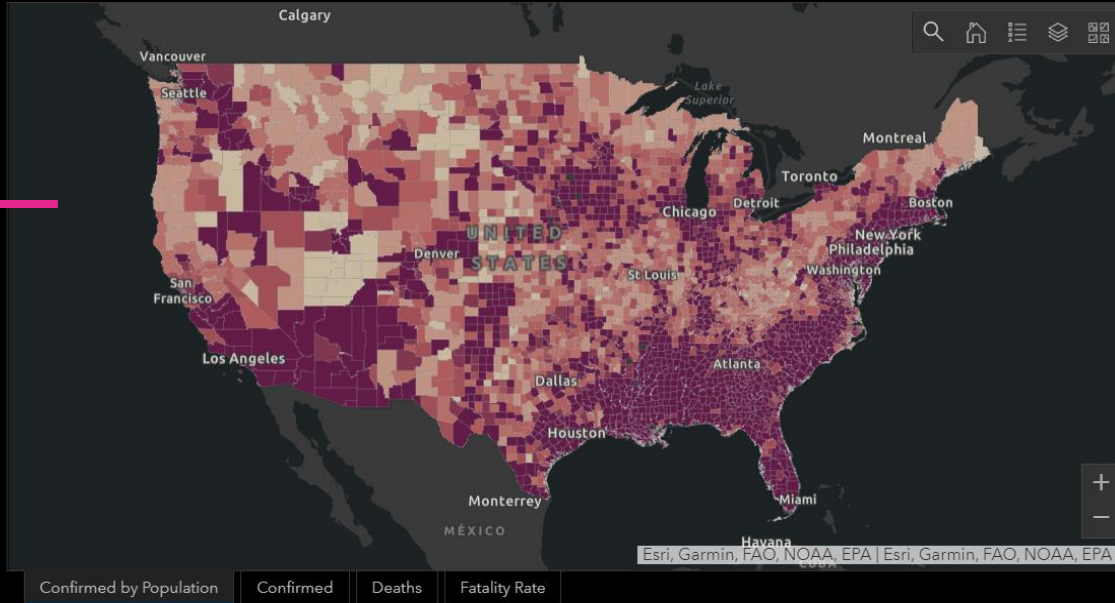
59,575 confirmed
Kings

51,058 confirmed
Miami-Dade

48,070 confirmed
Bronx

42,688 confirmed
Nassau

41,730 confirmed
Suffolk



Confirmed by Population

Confirmed

Deaths

Fatality Rate

Esri, Garmin, FAO, NOAA, EPA | Esri, Garmin, FAO, NOAA, EPA

Top 20 Counties by Number of Deaths

5,866 deaths
Queens

5,527 deaths
Kings

4,651 deaths
Cook

3,854 deaths
Bronx

3,582 deaths
Los Angeles

2,741 deaths
Wayne

2,467 deaths
New York

Maricopa
County is not
in top 20
counties.



Confirmed

Deaths

Last Updated on:
2020-07-07

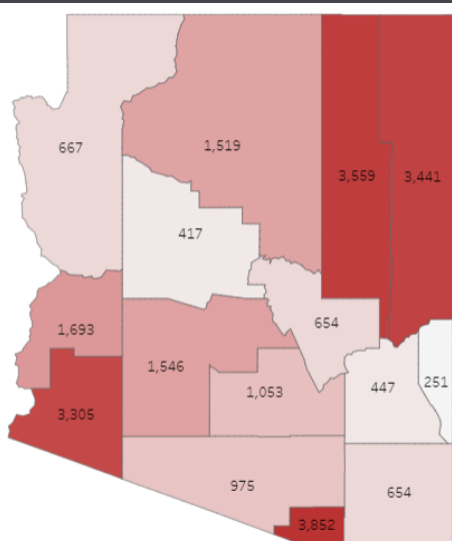
Data is updated once per day to allow the system to pull county-level data. For the most up-to-date confirmed cases and deaths, please see the COVID-19 Global Map. New York City borough deaths data does not include Probable COVID-19 deaths, as this data is not reported.



ARIZONA DEPARTMENT OF HEALTH SERVICES

Health and Wellness for All Arizonans

Rate per 100,000

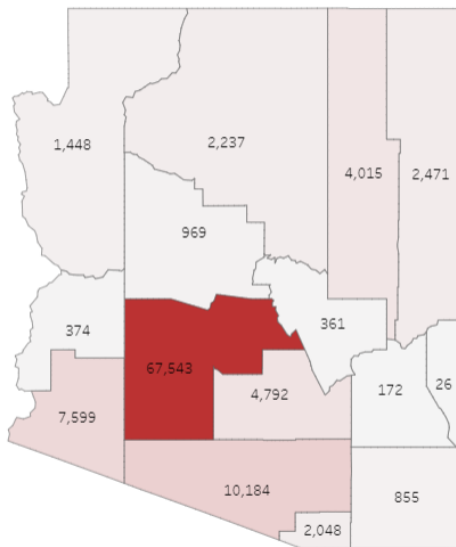


Show case counts or population rates in the map below?

Cases

Select a county to filter the other numbers.

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



Number of
Cases

105,094

Number of
Deaths

1,927

Number of
COVID-19 Tests

811,870

Number of New Cases
reported today*

3,653

Number of New Deaths
reported today*

117

Number of New Tests
reported today*

11,418

Rate of cases, per 100,000
population

1,461.9

Rate of fatalities, per
100,000 population

26.80

Total Percent Positive**

11.3%

Total COVID-19 PCR Tests

628,275

New PCR Tests reported
today*

10,932

PCR Percent Positive**

13.6%

Total COVID-19 Serology
Tests

183,595

New Serology Tests reported
today*

486

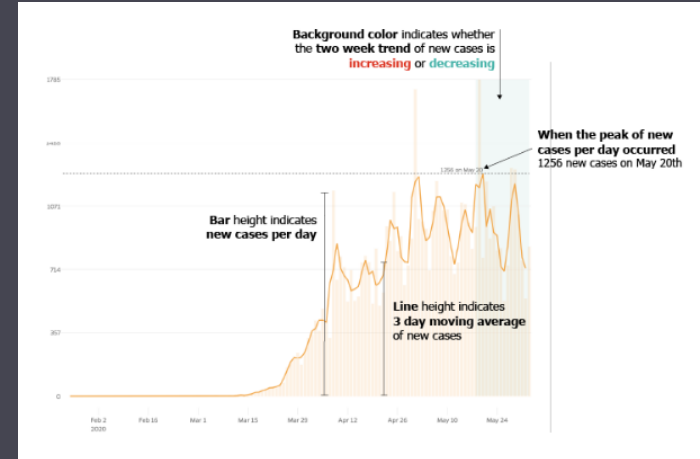
Serology Percent Positive**

3.4%

Daily Confirmed New Cases



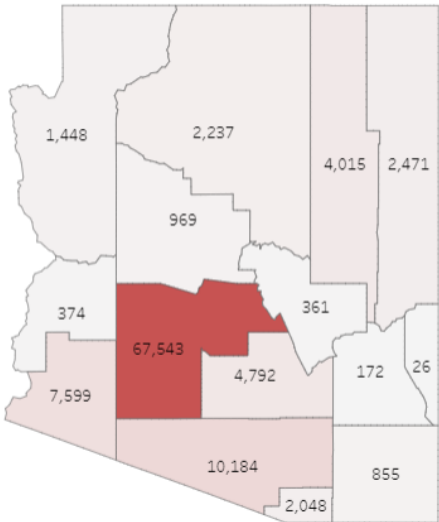
Federal guidelines advise that states wait until they experience a downward trajectory of documented cases within a 14-day period before proceeding to a phased opening. In the state-specific view of the graph, this two-week period is highlighted in **orange** if cases are trending upward, or **green**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



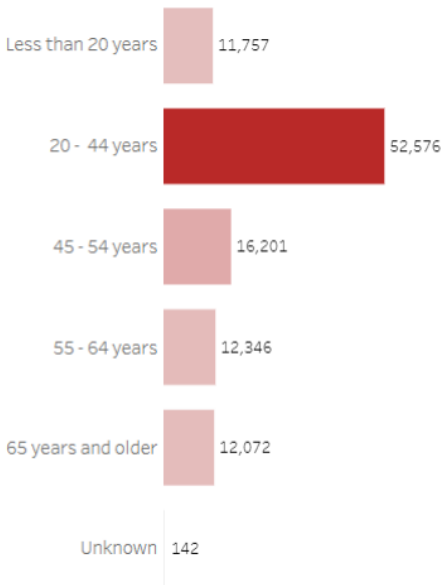
Demographics



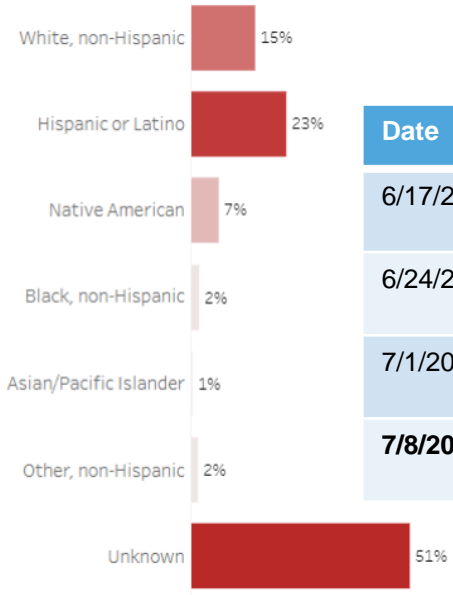
Select a county to filter the other graphs.
Graphs will not be displayed for counties with fewer than 10 cases.



COVID-19 Cases by Age Group



COVID-19 Cases by Race/Ethnicity

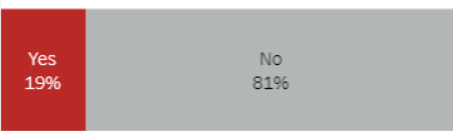


Date	Age	# Cases	%
6/17/20	20-44y 65+y	17,891 5,779	46% 15%
6/24/20	20-44y 65+y	27,943 7,561	48% 13%
7/1/20	20-44y 65+y	39,029 9,570	49% 12%
7/8/20	20-44y 65+y	52,576 12,072	50% 11%

COVID-19 Cases by Gender

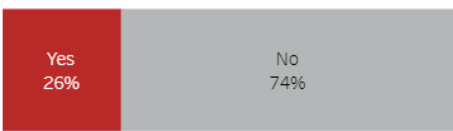


Chronic medical condition



High-risk

(65+ years OR 1+ chronic medical condition)



COVID-19 Deaths



COVID-19 Deaths (total)

1,927

New COVID-19 Deaths Reported Today

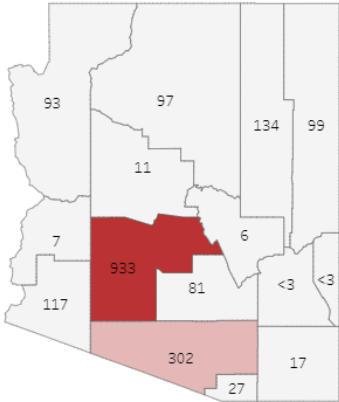
117

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

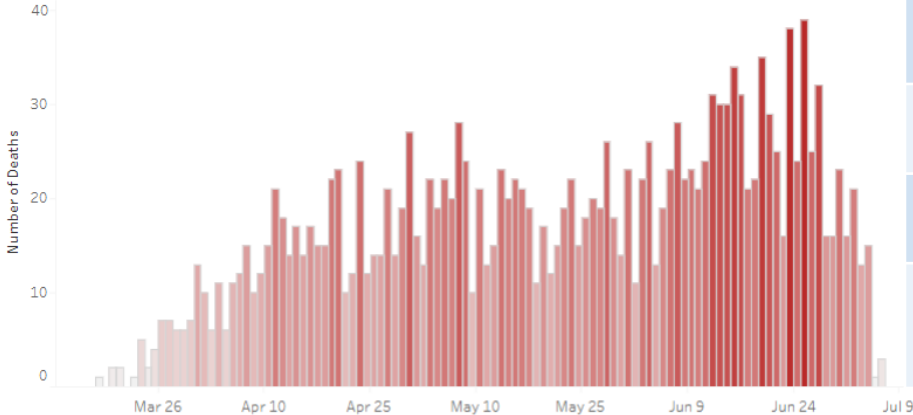


COVID-19 Deaths by County

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



COVID-19 Deaths by Date of Death



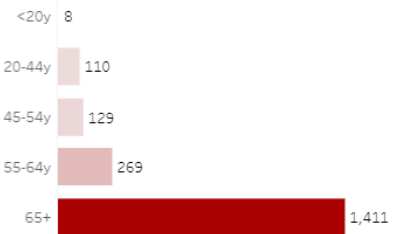
Recent deaths may not be reported yet.

Date	Age	# Deaths	%
6/17/20	20-44y 65+y	62 920	5% 75%
6/24/20	20-44y 65+y	72 1,044	5% 75%
7/1/20	20-44y 65+y	91 1,209	6% 74%
7/8/20	20-44y 55-64y 65+y	110 269 1,411	6% 14% 73%

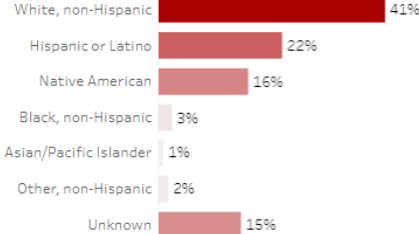
COVID-19 Deaths by Gender



COVID-19 Deaths by Age Group



COVID-19 Deaths by Race/Ethnicity



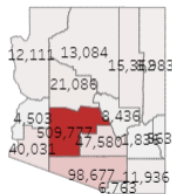
Laboratory Testing

811,870

11,418

11.3%

Select a county to filter the data.



The bar chart displays the daily count of new COVID-19 cases in the United States. The vertical axis (y-axis) is labeled with values from 0K to 20K in increments of 5K. The horizontal axis (x-axis) marks the first of each month from March to July. The data shows a period of low activity in March and April, followed by a rapid ascent in May. The peak occurs in late June and early July, with several days exceeding 20,000 cases. After this peak, there is a noticeable downward trend in the number of daily new cases.

Less than 20 years 72,730

20 - 44 years 337

45 - 54 years 126,641

55 - 64 years	122,770
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years and older 150,060

Unknown 1,902

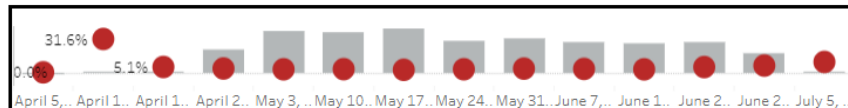
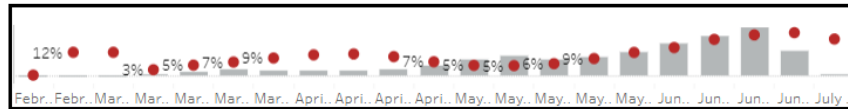
Date	Total % Positive	PCR % Positive	Sero % Positive
6/17/20	7.1%	8.7%	3.1%
6/24/20	8.6%	10.5%	3.0%
7/1/20	9.9%	12%	3.2%
7/8/20	11.3%	13.6	3.4%

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

Week of June 28th: 22%

13.6%

3.4%



State	New Cases		Tests per 1,000 people		Percent Positive	
	New daily cases	Weekly trend	Daily Tests	Weekly trend	Daily % positive	Above threshold?
Arizona	 +3,352 new 	THIS WEEK LAST WEEK	 2.1 tests per 1,000 	THIS WEEK LAST WEEK	 25.3% positive 	THIS WEEK LAST WEEK

Hospitalizations



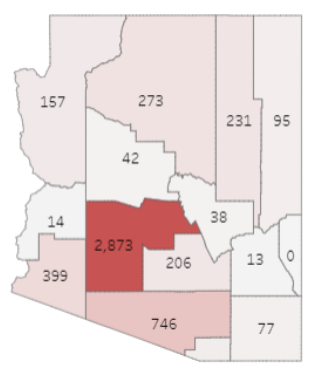
ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

Number of Cases Hospitalized

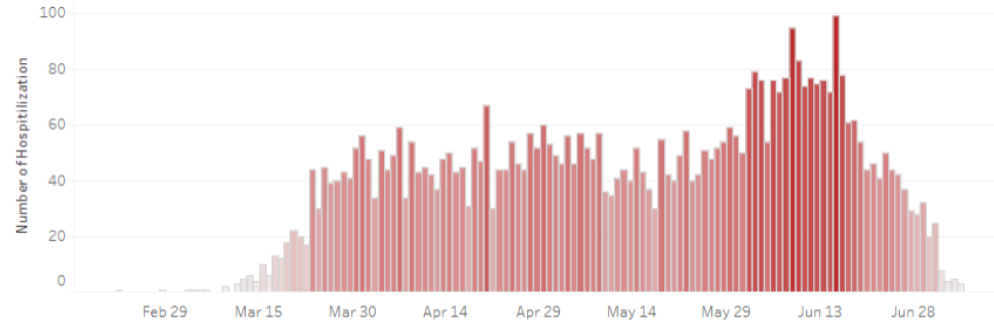
5,272

Percent of Cases Hospitalized

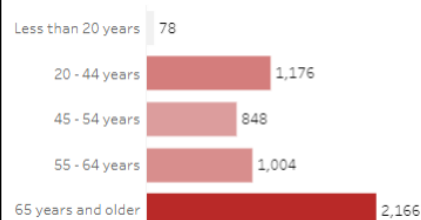
5%



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



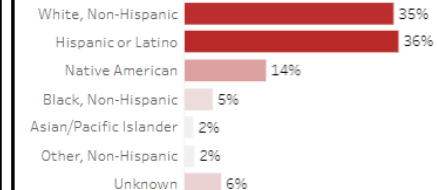
COVID-19 Hospitalized Cases by Age Group



COVID-19 Hospitalized Cases by Gender



COVID-19 Hospitalized Cases by Race/Ethnicity



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%

Inpatient Bed Usage Due to COVID-19

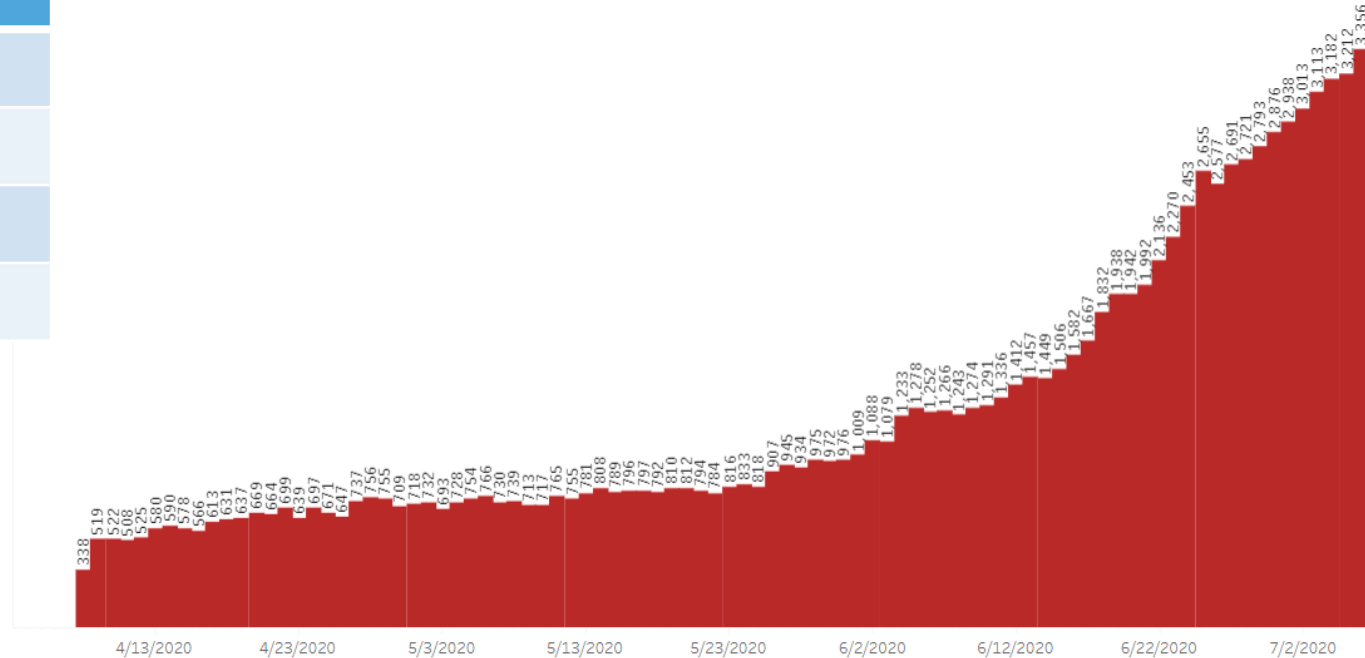
Number of Positive or Suspected **Inpatient COVID-19 Patients**



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

**Does not include 2600 surge beds*



ICU Beds in Use Due to COVID-19



ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

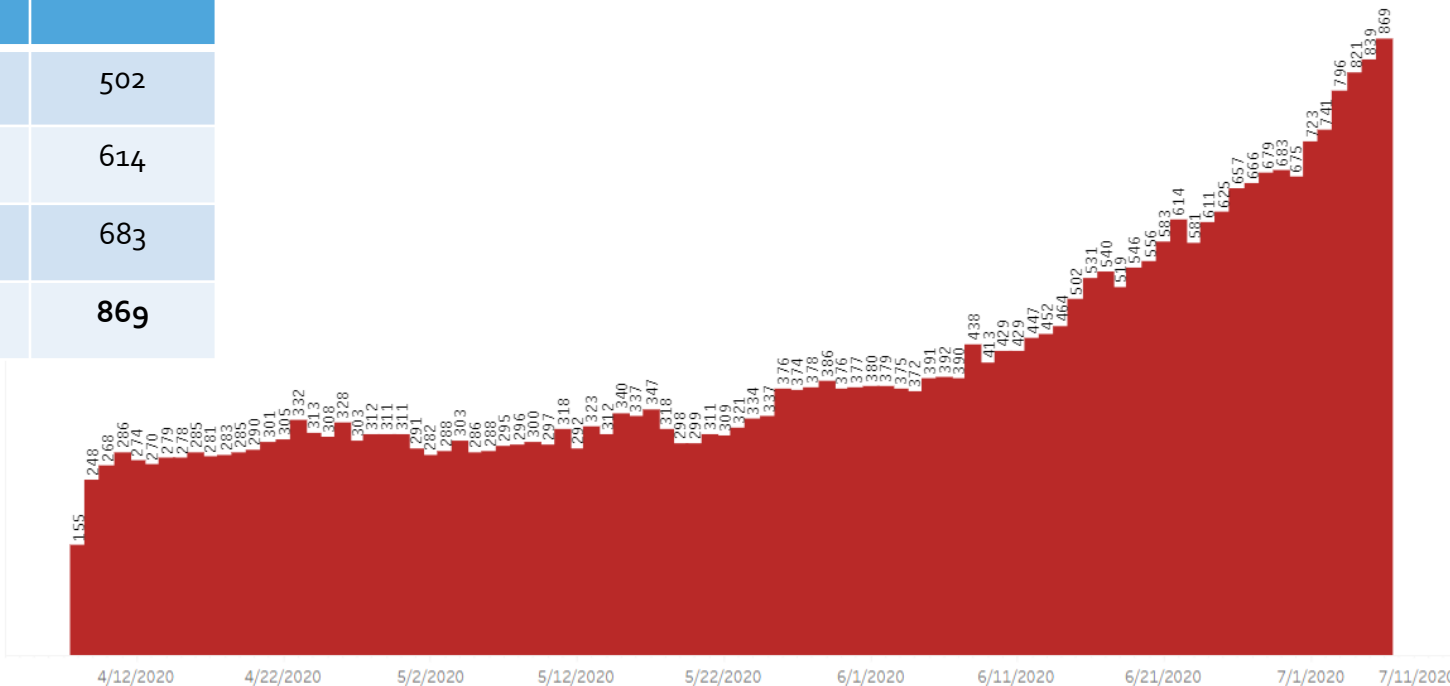
Number of **Intensive Care Unit (ICU) Beds in Use** by Positive or Suspected COVID-19 Patients

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



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

**Does not include the 600 surge beds*



Ventilator Usage Due to COVID-19



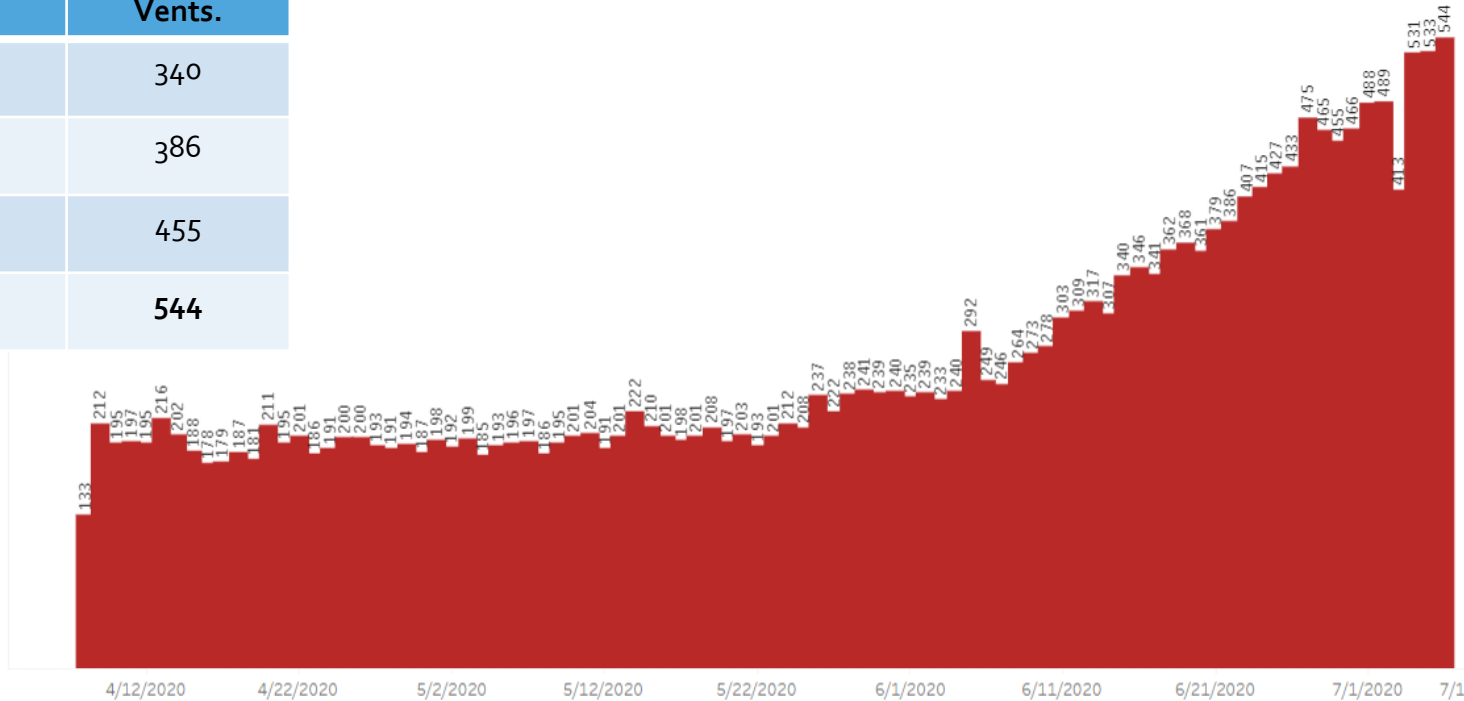
ARIZONA DEPARTMENT OF HEALTH SERVICES
Health and Wellness for All Arizonans

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

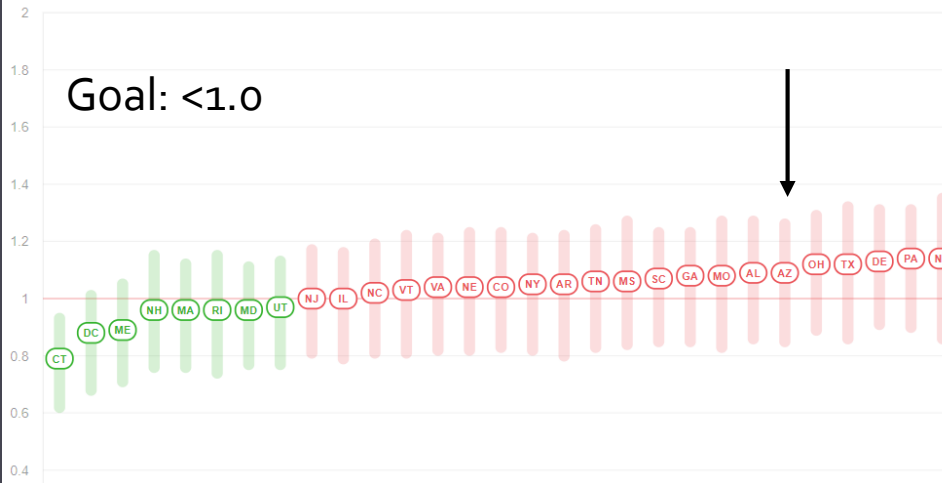
Hover over the icon to get more information on the data in this dashboard.



Date	Total Ventilators (in use%)	COVID Vents.
6/15/20	707 (38%)	340
6/22/20	716 (41%)	386
6/29/20	773 (45%)	455
7/6/20	895 (51%)	544



Effective Reproduction Number : R_t



Arizona

[Tweet](#) [Share](#)

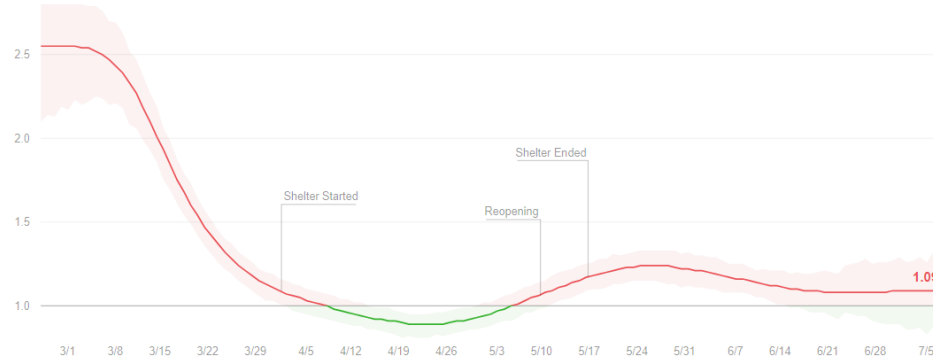
Current R_t
1.09

Cases
101,439

Tests
617,812

Effective Reproduction Rate · R_t

R_t is the average number of people who become infected by an infectious person. If it's above 1.0, COVID-19 will spread quickly. If it's below 1.0, infections will slow. [Learn More](#)



WHAT SHOULD I DO WHILE I WAIT FOR MY TEST RESULTS?



Isolate

Remain in home isolation until 10 days since your symptoms started
AND 3 days after your fever is gone and your symptoms have improved.

If you have never had symptoms, you should remain in home isolation until 10 days have passed since your test was collected

[Maricopa.Gov/HomeIsolationGuide](https://maricopa.gov/HomeIsolationGuide)



Participate

Help Public Health slow the spread of COVID-19 by completing a secure form at:

[Maricopa.Gov/COVIDPositive](https://maricopa.gov/COVIDPositive)

The information you provide will help us notify contacts of exposures so they do not pass it to others.



Communicate

Notify your friends and family members who might have been exposed (starting 48 hours before your first symptoms) that you are getting tested for COVID-19.

WHAT HAPPENS IF I TEST POSITIVE?

If you provide a phone number at the time of your test, you will be contacted by Maricopa County Department of Public Health via an automated call and text message.

This call and text will provide you with 3 things.



A reminder to complete the secure form that will help Public Health notify contacts and prevent spread to others



A phone number for a hotline with medical professionals who can answer your questions



A webpage where you can verify the text, phone number, and link are from Public Health

This call and text is the first contact you will receive from Public Health.

If you are identified to be at high risk for severe disease, you will also get a phone call from a Public Health investigator who will learn more about your situation, answer your questions and provide you with more information on how to take care of yourself and protect those around you.

ADHS Activates Crisis Standards of Care

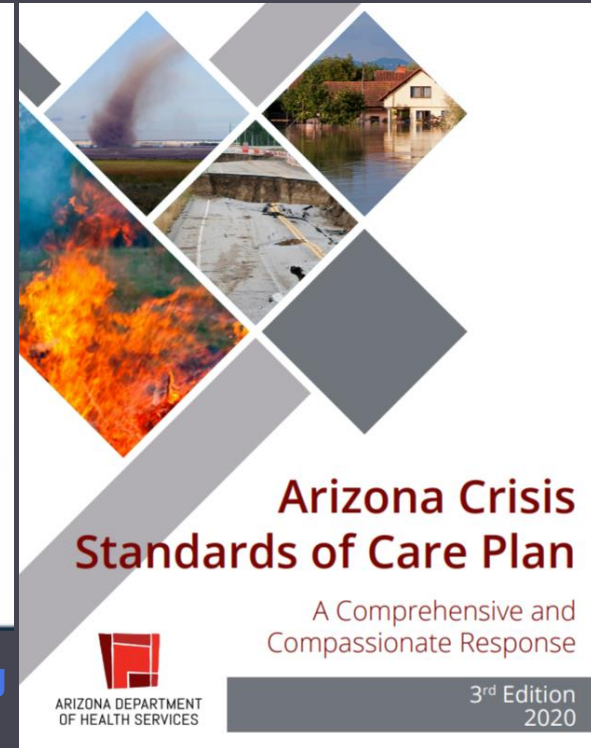
STATE DISASTER MEDICAL ADVISORY COMMITTEE

- Recommended implementation of Crisis Standards of Care on 6/26
- Establishing statewide standards of care ensures that all hospitals are providing the same level of care and patients are not treated by different standards.

ADHS WILL ACTIVATE CRISIS STANDARDS OF CARE

- Activate tactics to address space, staff, and resource constraints as necessary for the hospital's current situation.
- Prepare for surge and anticipate fully staffing hospitals.
- Cease all surgeries EXCEPT non-emergent, essential surgeries and procedures that do not impair the care of other patients.
- Activate Hospital Incident Command and meet with increasing frequency.
- Establish regular communication with local health jurisdiction.

Crisis Standards helps by increasing flexibility to facilitate more staffing which is the main need at this time





ARIZONA DEPARTMENT
OF HEALTH SERVICES

STANDING ORDER FOR COVID-19 TESTING LOCATIONS
LABORATORY TEST: SARS-CoV-2 RT-PCR

This standing order is issued by Dr. Cara Christ, MD MS (NP #1639369036), Director of the Arizona Department of Health Services. This standing order authorizes any licensed pharmacist, as per guidance by Health and Human Services, to order and administer (or oversee the administration by trained personnel) a SARS-CoV-2 RT-PCR test for any individual in accordance with the conditions of this order.

PATIENT ELIGIBILITY

The following criteria are required for a pharmacist at a testing location to administer and collect a SARS-CoV-2 RT-PCR test by this standing order:

Individual who is concerned that he or she has been exposed to and infected with COVID-19

AND

Individual who has signed a consent and voluntary isolation agreement (or parent/guardian, if patient cannot legally consent)

PLAN OF CARE

A licensed pharmacist/trained personnel operating at a pharmacy or testing location may collect a nasopharyngeal swab or other appropriate clinical specimen and order a SARS-CoV-2 RT-PCR.

A. Preparation to collect a nasopharyngeal swab:

1. Ensure correct testing materials: (1) Sterile Dacron/nylon swab with an aluminum or plastic shaft (cotton swabs with wooden shafts are not recommended); (1) Viral transport media tube with 1-3ml. of sterile viral transport medium.
2. Ensure appropriate personal protective equipment for medical provider: gloves, gowns, surgical mask (or respirator) and eye protection (goggles or face shield).

B. Instructions to collect a nasopharyngeal swab:

1. By medical provider / trained personnel:
 - o Tilt patient's head back 70 degrees.
 - o Insert swab into nostril **parallel** to the palate. Leave the swab in place for a few seconds to absorb secretions.
 - o Slowly remove swab while rotating it.
 - o Place tip of swab into sterile viral transport media tube and snap/cut off the applicator stick.
2. By patient: Follow manufacturer-specific instructions for specimen collection.

C. Instructions to process clinical specimens:

1. Store specimens at 2-8°C for up to 72 hours after collection. If a delay in testing or shipping is expected, store specimens at -70°C or below.
2. Process specimens in accordance with national biological safety regulations, procedures as listed under the CDC Emergency Authorization Agreement, and the supervising Arizona healthcare facility.

NOTE: Processes to collect other appropriate clinical specimens should follow test manufacturer instructions.

NOTE: Emergency medical services should be activated if a patient appears toxic, is struggling to breathe, or moribund.

FOLLOW-UP

1. Test results should be reported to the patient within one week of the testing unit's receipt of the test result.
 - o A positive result requires continued in-home isolation per local health department recommendations.
2. Results should be reported to the Arizona Department of Health Services, as required by Arizona Administrative Code, R9-6-202.

Cara Christ, MD MS, Director of Arizona Department of Health Services

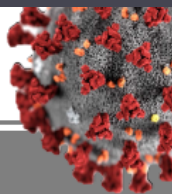
Effective Date: 4/21/2020; Expiration Date: 12/21/2020

Standing Order Extended

Only cover PCR tests at this time.
Not requirement to use this.

ARIZONA COVID-19

Hospital Resource Guide



How can hospitals request **STAFF** to support COVID-19 response needs?

- ❑ **Submit a request to local public health to use [ESAR-VHP: Emergency System for Advanced Registration for Volunteer Health Professionals](#)** is a registry for paid or unpaid health workers who can assist hospitals with an emergency
 - ❑ If staffing resources cannot be acquired through the normal recruitment process, contact local public health to try to fill the request locally through Medical Reserve Corps or other option (e.g. [Healthcare Coalition Partners](#))
 - ❑ Connect with [local volunteer coordinators](#), who will coordinate with ADHS to launch an alert through the ESAR-VHP network
 - ❑ If none of those work, local public health submits a 213-RR form in WebEOC to ADHS to try to source it or reach out for interstate or federal assistance
- ❑ **Expanded credentialing and recredentialing:** Arizona Licensing Boards have [approved expanded options](#) for retirees, out of state, or student healthcare professionals
- ❑ **Review HR policies and implement rapid onboarding process:** Identify Human Resources personnel to educate employees on leave policies and expedite hiring and orientation of new staff
- ❑ **Review lodging and logistical support needs with local emergency management:** Address logistical considerations to accommodate necessary staffing needs if appropriate and applicable
- ❑ **Reimbursement for COVID-19 specific emergency medical services:** Per [FEMA Policy FP 104-010-04](#) Public Assistance Program (Stafford Act) funding may be an eligible funding source

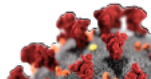
NOTE: Arizona Department of Health Services is working on an enhanced critical care staffing plan to support hospitals during COVID-19 surge and will provide more information regarding the centralized Surge Line staffing model to augment hospital surge plans when available.

How can hospitals increase **SPACE** to expand surge capacity?

- ❑ **Activate surge plan to expand surge capacity, including the use of unlicensed space**
 - ❑ There are no specific waivers for increasing space - surge capacity plans allow for use of unlicensed space during a public health emergency
 - ❑ FAQs for hospitals during a declared public health emergency are available [here](#)
- ❑ **Review existing waiver information**
 - [LTCF Waivers](#)
 - [EMS Waivers](#)
 - [CMS Waivers \(Medicare\)](#)
 - [Arizona State Licensing Waivers](#)
- ❑ **If necessary during an emergency declaration, individual facilities can [request waivers for specific rules](#)** following the emergency waiver process for health care institutions
- ❑ **Reimbursement for COVID-19 specific emergency medical services:** Per [FEMA Policy FP 104-010-04](#) Public Assistance Program (Stafford Act) funding may be an eligible funding source

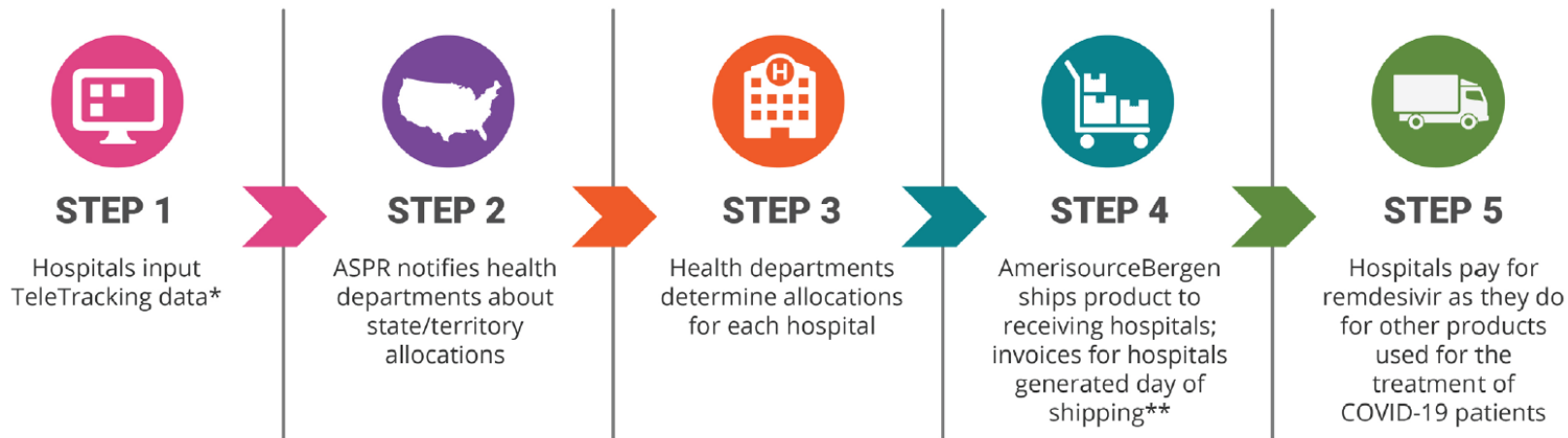
Additional Resources

- [Arizona Crisis Standards of Care Plan](#) (3rd Edition)
- [Arizona Surge Line Website](#)
- [State Disaster Medical Advisory Committee \(SDMAC\) Recommendations](#)
- [Licensing FAQs](#)
- [EMResource Toolkit](#)
- [FEMA Public Assistance Disaster-Specific Guidance for COVID-19](#)



Remdesivir Updates

Allocation & Distribution of Remdesivir: A Five-step Process



**Data input likely to occur every other Monday, beginning Monday, July 6*

***Shipments likely to occur every other Monday, beginning the week of Monday, July 13*

Diagnostic Tests with EUA's Approved for POC

DIAGNOSTIC TEST (MANUFACTURER)	DIAGNOSTIC METHOD	TIME FOR RESULTS	PATIENT CARE SETTING INSTRUMENT REQUIRED	SPECIMEN COLLECTED VIA		
				Nasopharyngeal	Nasal	Throat
ID NOW COVID-19 (Abbott)	Molecular	15 minutes	ID NOW Instrument	Swab	Swab	Swab
Accula SARS- Cov-2 Test (Mesa Biotech Inc.)	Molecular	30 minutes	Accula Dock or Silaris Dock	—	Swab	Swab
Xpert Xpress SARS-CoV-2 test (Cepheid)	Molecular	45 minutes	GeneXpert Dx and GeneXpert Infinity Systems	Swab	Swab	Swab
Sofia-2 SARS Antigen (Quidel)	Antigen	15 minutes	Sophia 2 Dock	Swab	Swab	—
Cue COVID-19 Test (Cue Health)	Molecular	25 minutes	Cue Health Monitoring System	—	Swab	—
BD Veritor System (BD Dickinson)	Antigen	15 minutes	The BD Veritor™ System for Rapid Detection of SARS-CoV-2	—	Swab	—

STANDALONE* HOME TEST KITS

EUA ISSUED	ENTITY	TYPE OF TEST	RESOURCES
6/30/20	Kroger Health COVID-19 Test Home Collection Kit	Intended for use by individuals to self-collect <u>nasal swab</u> specimens at home, video-observed by a healthcare provider, when determined by a healthcare provider to be appropriate based on results of a COVID-19 questionnaire	IFU EUA Summary
5/15/20	Everlywell COVID-19 Test Home Collection Kit	Intended for use by individuals to self-collect <u>nasal swab</u> specimens at home, when determined by a healthcare provider to be appropriate based on results of a COVID-19 questionnaire.	IFU EUA Summary

*Testing is limited to the laboratories designated by entity that are certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, to perform high complexity tests.

TESTING LIMITED TO AUTHORIZED LAB ONLY

- [KPMAS COVID-19 Test](#)
- [Gravity Diagnostics COVID-19 Assay](#)
- [LabCorp COVID-19 RT-PCR Test](#)
- [Quest SARS-CoV-2 rRT-PCR](#)
- [Rutgers Clinical Genomics Laboratory TaqPath SARS-CoV-2-Assay \(Saliva Test\)](#)
- [Fulgent COVID-19 by RT-PCR Test](#)
- [P23 Labs TaqPath SARS-CoV-2 Assay](#)
- [LetsGetChecked Coronavirus \(COVID-19\) Test](#)
- [Phosphorus COVID-19 RT-qPCR Test](#)

Hydroxychloroquine

- A new study reported in the [International Journal of Infectious Diseases](#) suggests early treatment with hydroxychloroquine may be beneficial for hospitalized people infected with SARS-CoV-2.
- Researchers at the Henry Ford Health System said its study of 2,541 hospitalized patients found that those given hydroxychloroquine were much less likely to die.
 - In the study, 26% of those not given hydroxychloroquine died, compared to 13% of those who got the drug.

Pharmacy Coalition Urges Federal Government To Authorize Pharmacist-provided Covid-19 Vaccines



- Specifically, we ask HHS to declare under the PREP Act that licensed pharmacists are authorized to order and administer all COVID-19 vaccines that the Food and Drug Administration ("FDA") authorize or approve to prevent the COVID-19 virus.
- To avoid confusion and assure rapid patient access to COVID-19 vaccines, we ask HHS to specify that the requested PREP Act declaration preempts state and local requirements that prohibit or effectively prohibit pharmacists from ordering and administering FDA-authorized or approved COVID-19 vaccines to meet the needs of their communities.

Coronavirus Researchers Start To Enroll Subjects For Vaccine Tests

- Trials for COVID-19 vaccines need to enroll enough healthy patients in different parts of the United States and abroad with sufficient numbers exposed to the virus to allow researchers to measure their effectiveness.
- Several of the Phase III trials are expected to begin in coming weeks, including three 30,000-person trials that are federally funded:
 - Moderna's vaccine beginning in (July)
 - University of Oxford and AstraZeneca (August)
 - Johnson & Johnson (September)
- Pfizer and BioNTech SE also intend to commence their own 30,000-person trial of their vaccine in July.

[CLICK HERE](#)

Questions?