MISSION
We foster community wellness and advocate for good public policy and best immunization practices.

ABOUT US
Public/private partnership
Over 400 coalition members
Working together can improve outcomes
## Summary

Data currently shown for **All Time**
Date Updated: 10/28/2021

Show case counts or population rates in the map below?
- Cases

Select a county to filter the other numbers.

<table>
<thead>
<tr>
<th>Number of Cases</th>
<th>Number of Deaths</th>
<th>Number of Vaccine Doses Administered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,159,526</td>
<td>21,033</td>
<td>8,169,884</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of New Cases reported today*</th>
<th>Number of New Deaths reported today*</th>
<th>Number of New Vaccine Doses reported today*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,795</td>
<td>-11</td>
<td>27,360</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rate of cases, per 100,000 population</th>
<th>Rate of fatalities, per 100,000 population</th>
<th>Percent of people vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>16,129.1</td>
<td>292.6</td>
<td>59.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tests Conducted using diagnostic tests**</th>
<th>Total Tests Conducted</th>
<th>New Tests reported today*</th>
<th>Total Percent Positive***</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13,561,425</td>
<td>39,443</td>
<td>9.7%</td>
</tr>
</tbody>
</table>
Figure 1. Average Daily Deaths from COVID-19 (from 03/17/20 to 10/14/21) vs Opioid Drug Overdoses and 15 Leading Causes, Arizona, 2019

<table>
<thead>
<tr>
<th>Cause</th>
<th>Deaths per Day (Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID (03/17/20 - 10/14/21 = 577 days)</td>
<td>35.4</td>
</tr>
<tr>
<td>Heart Disease</td>
<td>34.5</td>
</tr>
<tr>
<td>Cancer</td>
<td>34.3</td>
</tr>
<tr>
<td>Accidents (unintentional injuries)</td>
<td>12.5</td>
</tr>
<tr>
<td>Chronic lower respiratory diseases</td>
<td>10.1</td>
</tr>
<tr>
<td>Alzheimer disease</td>
<td>8.3</td>
</tr>
<tr>
<td>Cerebrovascular diseases (strokes)</td>
<td>7.8</td>
</tr>
<tr>
<td>Diabetes</td>
<td>6.0</td>
</tr>
<tr>
<td>Suicide</td>
<td>3.9</td>
</tr>
<tr>
<td>Opioid Overdose</td>
<td>3.5</td>
</tr>
<tr>
<td>Chronic liver disease and cirrhosis</td>
<td>3.3</td>
</tr>
<tr>
<td>Hypertension and hypertensive renal disease</td>
<td>2.8</td>
</tr>
<tr>
<td>Influenza and pneumonia</td>
<td>2.6</td>
</tr>
<tr>
<td>Parkinson disease</td>
<td>2.2</td>
</tr>
<tr>
<td>Kidney Disease</td>
<td>2.1</td>
</tr>
<tr>
<td>Nutritional deficiencies</td>
<td>1.1</td>
</tr>
<tr>
<td>Homicide</td>
<td>1.1</td>
</tr>
</tbody>
</table>
We appreciate YOU.

Thank you.

We are here to help.

We need you to stay focused on what you CAN control.
Booster Doses
Additional Dose Definition

- **Additional dose**: a subsequent vaccine dose to people who likely did not mount a protective immune response after primary vaccination in order to optimize vaccine-induced protection

Booster Definition

- **Booster dose**: a subsequent dose of vaccine administered when the initial sufficient immune response to a primary vaccine series is likely to have waned over time
NEW!
When should I get a 3rd Dose of COVID-19 Vaccine if I’m Immune Compromised?

ACIP recommends a 3rd dose for series completion and a booster dose 6 months later for anyone that is medium-severe immune compromised – like those who have had organ transplants or with similar conditions.

- Age 12+
- mRNA vaccines are 3 dose primary series + a 6-month Booster
- 3rd dose 28 days after dose 2 of mRNA regardless of brand
- Booster dose 6 months after 3rd dose
- May receive Moderna or Pfizer for 3rd dose regardless of initial brand, if not available
- May receive Moderna, Pfizer or J&J for booster
- Self Report - Dr.’s note/eval not required

3 Doses 28 days apart
Booster doses 6 months after 3rd
Who **Should** vs. Who **May**
Receive a Booster

**SHOULD**

Persons who should receive a COVID-19 booster dose
- Aged ≥65 years
- Aged ≥18 years and reside in long-term care settings
- Aged 50-64 years with certain underlying medical conditions
Those that received 1 dose of J&J

**MAY**

Persons who may receive a COVID-19 booster dose, based on individual benefits and risks
- Aged 18-49 years with certain underlying medical conditions*
- Aged 18-64 years at increased risk for SARS-CoV-2 exposure and transmission because of occupational or institutional setting
Pfizer & Moderna COVID-19 Vaccine **Booster Dose**

- Booster doses for age 18+
- The recommendation is due to waning immunity after about 6 months

**“Booster Day”**
6 months after your last COVID-19 vaccine

May receive Moderna, Pfizer or J&J for booster dose **regardless of initial brand.**
Modern Booster Half Dose (.25ml)

Only puncture vial 20 times then throw out the rest
J&J/Janssen
COVID-19 Vaccine **Booster Dose**

2 months after First J&J COVID-19 Vaccine

May Receive Moderna, Pfizer or J&J for booster dose regardless of initial brand

“**Booster Day**”
2 months after your last COVID-19 vaccine
Booster Mix & Match

Can give Moderna, Pfizer or J&J for booster dose regardless of initial brand
Coadministration with other vaccines

- COVID-19 vaccines (Pfizer-BioNTech, Moderna, or Janssen) may be given with other vaccines, without regard to timing.

- This includes simultaneous administration of COVID-19 vaccines and other vaccines on the same day.

- If multiple vaccines are administered at a single visit, administer each injection in a different injection site.
Looking forward to kids – what to do now
A few notes about COVID Vaccine for ages 5–11

- FDA Advisory Committee met on October 26, 2021
- ACIP will meet on November 2\textsuperscript{nd} and 3\textsuperscript{rd}, 2021
  - CDC Director will make the recommendation
- Pre-orders were placed on October 20\textsuperscript{th}, 22\textsuperscript{nd} and 24\textsuperscript{th}, 2021
  - Providers request through their County Health Departments
  - Minimum Order 300 doses
    - Some Health Departments may deliver smaller quantities to providers
- After initial roll-out
  - 100 minimum doses
  - Order through ASIIS
**Orange vs. Purple Cap**

<table>
<thead>
<tr>
<th>Description</th>
<th>Current Adult/Adolescent Formulation (1170 and 450 packs)</th>
<th>Future Pediatric Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dilute Prior to Use</strong></td>
<td>Dilute Prior to Use</td>
<td>Dilute Prior to Use</td>
</tr>
<tr>
<td>Age Group</td>
<td>12 years and older</td>
<td>5 to &lt;12 years**</td>
</tr>
<tr>
<td>Vial Cap Color</td>
<td>[Image of purple vial cap]</td>
<td>[Image of orange vial cap]</td>
</tr>
<tr>
<td>Dose</td>
<td>30 mcg</td>
<td>10 mcg</td>
</tr>
<tr>
<td>Injection Volume</td>
<td>0.3 mL</td>
<td>0.2 mL</td>
</tr>
<tr>
<td>Fill Volume (before dilution)</td>
<td>0.46 mL</td>
<td>1.3 mL</td>
</tr>
<tr>
<td>Amount of Diluent* Needed per Vial</td>
<td>1.8 mL</td>
<td>1.3 mL</td>
</tr>
<tr>
<td>Doses per Vial (after dilution)</td>
<td>6 doses per vial</td>
<td>10 doses per vial</td>
</tr>
</tbody>
</table>

**Storage Conditions**

- **ULT Freezer (90°C to 60°C)**: 9 months vs. 6 months
- **Freezer (-25°C to -15°C)**: 2 weeks vs. N/A
- **Refrigerator (2°C to 8°C)**: 1 month vs. 1 month

**Q:** Can the current adult/adolescent formulation (purple cap) be used to vaccinate children 5 to <12 years old once the vaccine is authorized for this age group?

**A:** No. For children under 12 years of age, you cannot use the current formulation and will need to use the future pediatric (orange cap) formulation.

**Purple Cap** — Adult/Adolescent: Authorized only for aged 12 years and older

**Orange Cap** — Pediatric: Future authorization for aged 5 to 12 years. A separate vaccine formulation specific for a 10mcg dose will be introduced.

**NOTE:** Use of the current adult/adolescent formulation (purple cap) to prepare doses for children 5 to <12 years old would result in an injection volume for the 10mcg dose of 0.41mL, which is too small for typical IM injections and has not been studied.
Save the Date

November 11, 2021
12:00 PM

COVID TIPS:
Immunizing Children ages 5 through 11!
How to get ready

**When?**
- Well visits
- Weekends
- After hours

**Who?**
- Parents
- Non-patients

**Where?**
- In your office
- Referrals elsewhere
YOU are our way out of this pandemic.

Strong provider recommendation
Questions?
Ensuring equitable access by people with disabilities

J.J. Rico
Chief Executive Officer
Arizona Center for Disability Law
Questions?
THANK YOU.
You are saving lives every day.