



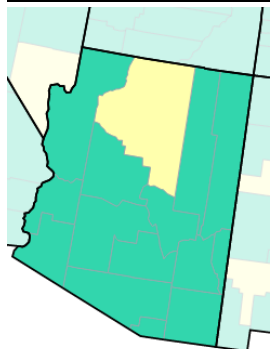
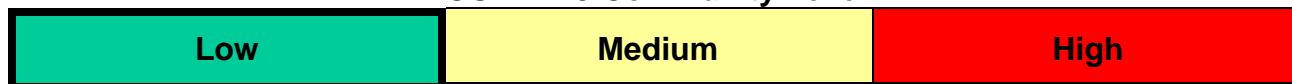
# Tohono O'odham Nation Health Care (TONHC)

## COVID-19 Situation Update: June 2, 2022

### T-Ñukuda Ha'icu Cihañig

Information is recent as of June 2, 2022 at 7:00 and may change as more data is available.

#### COVID-19 Community Level



**Transmission Risk Levels** <https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>

CDC's new system to determine the COVID-19 transmission risk level by county analyzes three metrics. CDC will this every Thursday at 8pm EST:

- New COVID-19 admissions per 100,000 population in the past seven days
- The percent of staffed inpatient beds occupied by COVID-19 patients
- Total new COVID-19 cases per 100,000 population in the past seven days.

TONHC will follow **Pima County's risk level.**

#### COVID-19 vaccines for kids 6 months-4 years may be authorized later this summer

**NEW:** The Food and Drug Administration is reviewing data on COVID-19 vaccines for children ages 6 months-4 years old. Over 1100 children have died in the USA from COVID-19, more than all other vaccine-preventable diseases combined. TONHC will announce when vaccines are available for these age groups.

CDC recommends that all persons  $\geq 5$  years old be up-to-date on their COVID-19 vaccines. Most people will receive two primary shots and one booster. Some groups should get additional boosters including people with weaker immune systems, all adults ages  $\geq 50$  years, and people who received only the Janssen vaccine. Ask your provider to see which booster you should get and when. CDC reported during the winter Omicron surge, people who were boosted were 21 times less likely to die from COVID-19 compared to those who were unvaccinated, and 7 times less likely to be hospitalized.

#### Arizona Community Levels

COVID-19 cases are rising again in the US, Arizona, and on the Tohono O'odham Nation. Check the [www.cdc.gov](https://www.cdc.gov) website to see the Community Level and guidance for your location. CDC continues to recommend wearing a mask in many indoor public areas, including public transportation. Masks protect against spreading COVID. When deciding whether to wear a mask, keep in mind your own personal and family's health risks, the activity, how much COVID-19 transmission is in the community, and any local laws. It's a good idea to wear your mask while traveling or in crowded indoor areas.

#### Arizona COVID-19 Transmission Level for Healthcare = **HIGH**

CDC monitors COVID-19 Transmission Levels that measure COVID-19 test positivity, deaths, hospital utilization, and vaccinations in specific communities. CDC reports these measures for healthcare facilities as a guide to implement protective measures, staffing levels, and preparedness.

#### Test and Treat

TONHC continues to offer rapid COVID-19 testing and treatment. Paxlovid (oral medication) and IV infusions with monoclonal antibodies or the antiviral Remdesivir are authorized for persons at high-risk for severe disease. Ask your doctor or pharmacist if you should consider treatment for COVID-19.

**Effective this week, TONHC will provide and distribute the COVID-19 Situation Update once monthly. We hope the document has been useful to the community for COVID-19 disease information, prevention measures, and decision making for organizations.**

## COVID-19 Data – Tohono O’odham Nation

### COVID-19 Case Data

|  | TON      | Pima County               | AZ                        |
|--|----------|---------------------------|---------------------------|
| Number of cases in last 7 days                 | 48       | 1,985                     | 13,042                    |
| Number of tests in the last 7 days             | 229      | 15,126                    | 87,985                    |
| % Positivity last 7 days                       | 20.9%    | 19.3%                     | 20-24.9% across the state |
| Incidence Rate last 7 days (cases/100,000 pop) | 253      | 190                       | 172                       |
| Deaths last 7 days                             | 0        | <10                       | 33                        |
| New hospitalizations last 7 days               | 3 total  | 79 (7-day moving average) | 68 (7-day moving average) |
| Total Pandemic Cases                           | 4054     | 260,455                   | 2,062,669                 |
| Cumulative Incidence Rate (cases/100,000 pop)  | 21,080   | 24,932                    | 28,692                    |
| Cumulative Deaths (% of total cases)           | 111 (3%) | 3,864 (1%)                | 30,332 (1%)               |
| Cumulative Hospitalized (% of total cases)     | 326 (8%) | 12,172 (5%)               | 110,202 (5%)              |

### COVID-19 Cases 2020 – Present

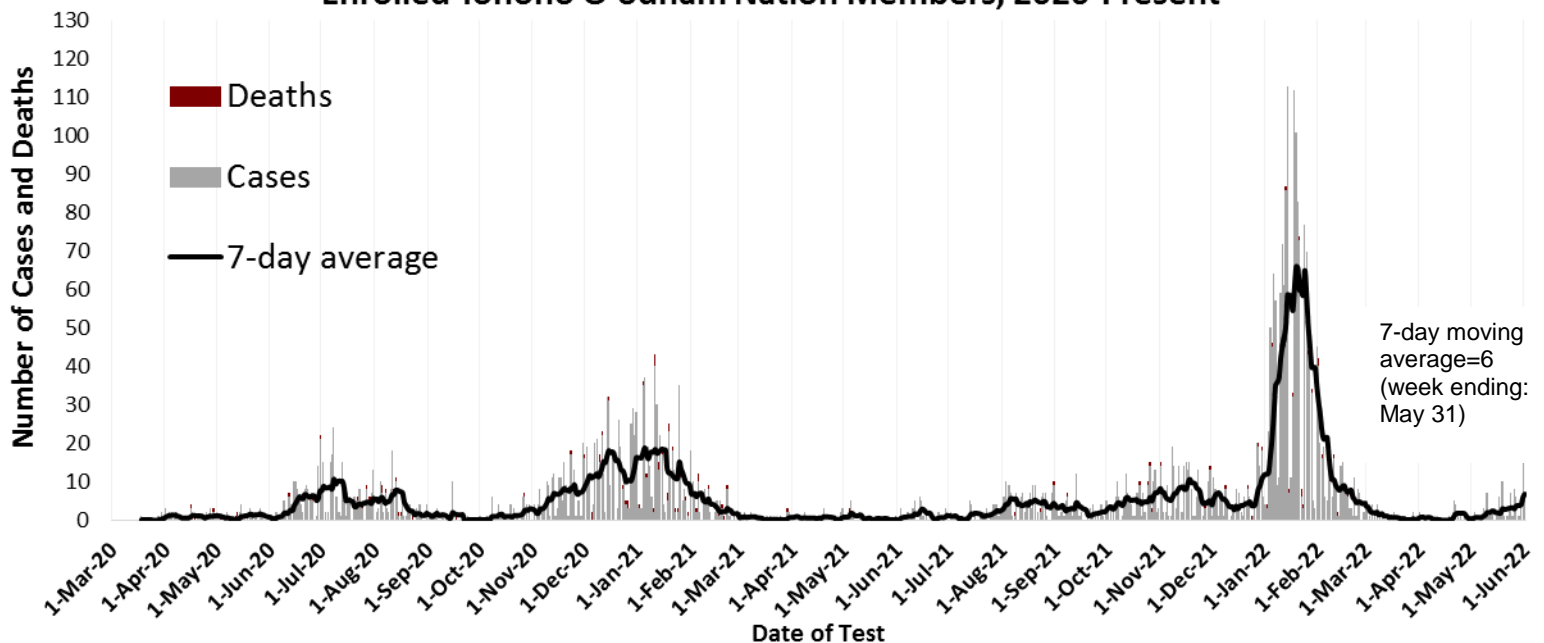
|                                    | Enrolled Member of Tohono O’odham Nation | Enrolled Member of Another Tribe or Other | Total |
|------------------------------------|--|---|-------|
| Residing within Boundaries of TON  | 2751                                     | 105                                       | 2857  |
| Residing outside Boundaries of TON | 1303                                     | 603                                       | 1907  |
| Total*                             | 4054                                     | 708                                       | 4764  |

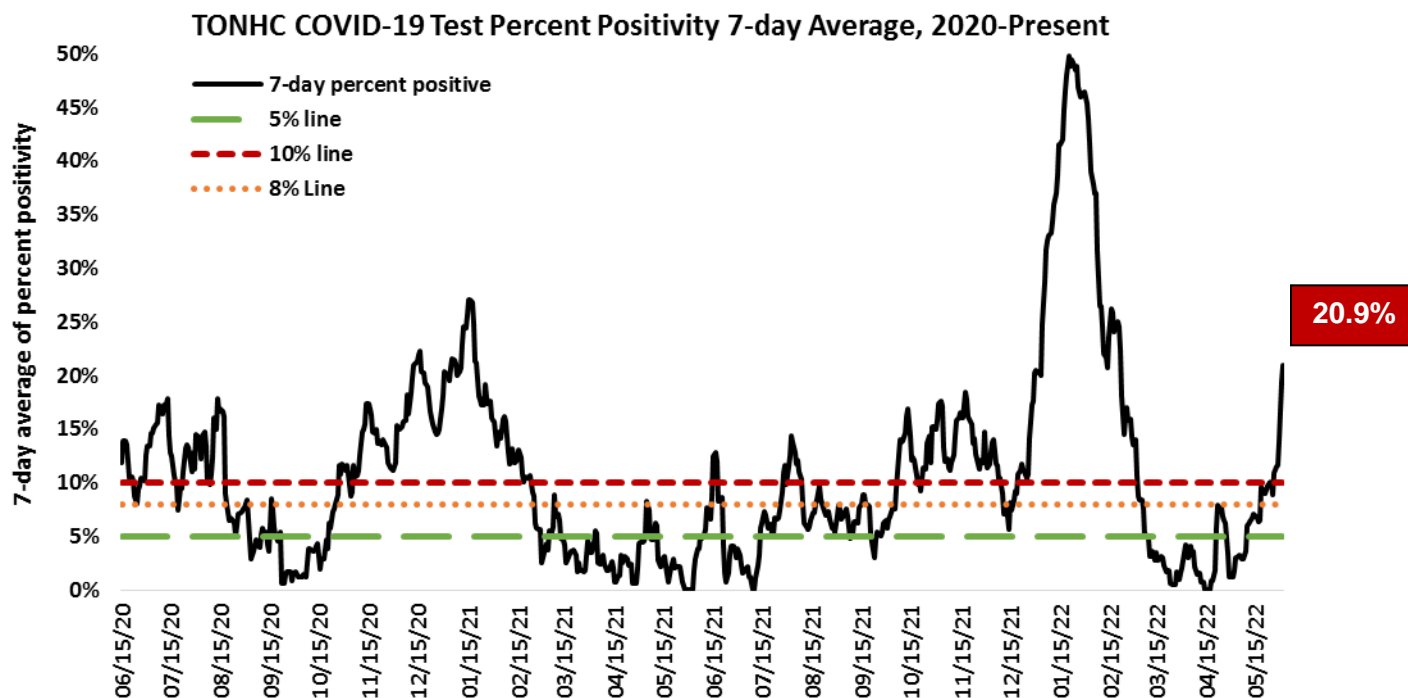
\*Includes non-TON members tested at TONHC

\*\*Total Pandemic Cases & Deaths include non-tribal community members

+Total includes cases of unknown residence

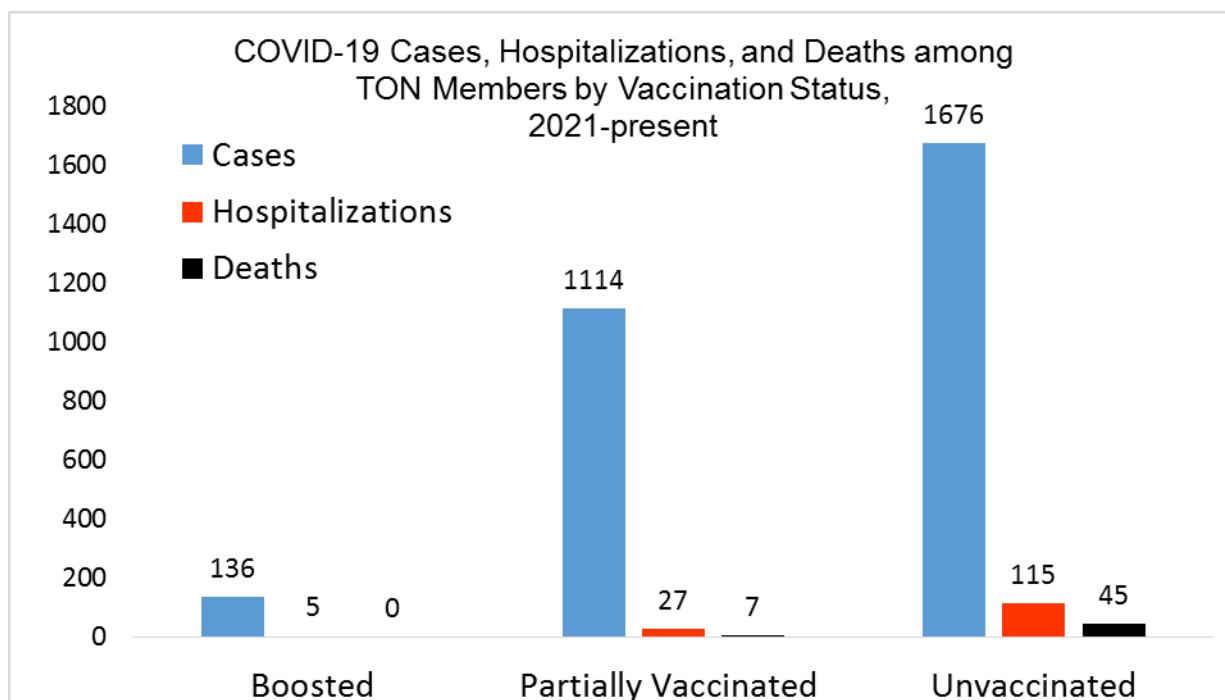
### Confirmed COVID-19 Cases and Deaths by Date Among Enrolled Tohono O’odham Nation Members, 2020-Present





## COVID-19 Vaccination Effectiveness

People who are up to date on vaccines have much lower risk of severe illness and death from COVID-19 compared with unvaccinated people



## TON COVID-19 Vaccination Program

### **COVID-19 Vaccine is available through TONHC to:**

- TON members or other tribal members and TONHC patients
- Non-Native persons who work with or on the TON
- Non-Native persons who reside in a household with a tribal member or on the Nation

### **Appointments:** Call TONHC clinics to make an appointment.

- Sells Hospital.....520-383-7209
- San Xavier Health Center...520-547-8140
- San Simon Health Center...520- 362-7078
- Locate a vaccination site anywhere the USA: [www.vaccine.gov](http://www.vaccine.gov)  
Call 1-800-232-0233 (TTY 1-888-720-7489)

### **CDC currently recommends COVID-19 vaccination for:**

- Children ages 5 years and older and all eligible adults
- Women who are pregnant, breastfeeding, trying to get pregnant, or might become pregnant in the future,
- Persons infected with COVID-19 once they recover and/or have completed isolation.

### **Boosters:** COVID-19 boosters are recommended for ALL ADULTS and children 5 years old and older.

**NEW:** Additional boosters are recommended for 1) people who received Johnson & Johnson's Janssen COVID-19 vaccine for their first shot and booster, adults ages 50 years and older, and 3) people who are moderately or severely immunocompromised.

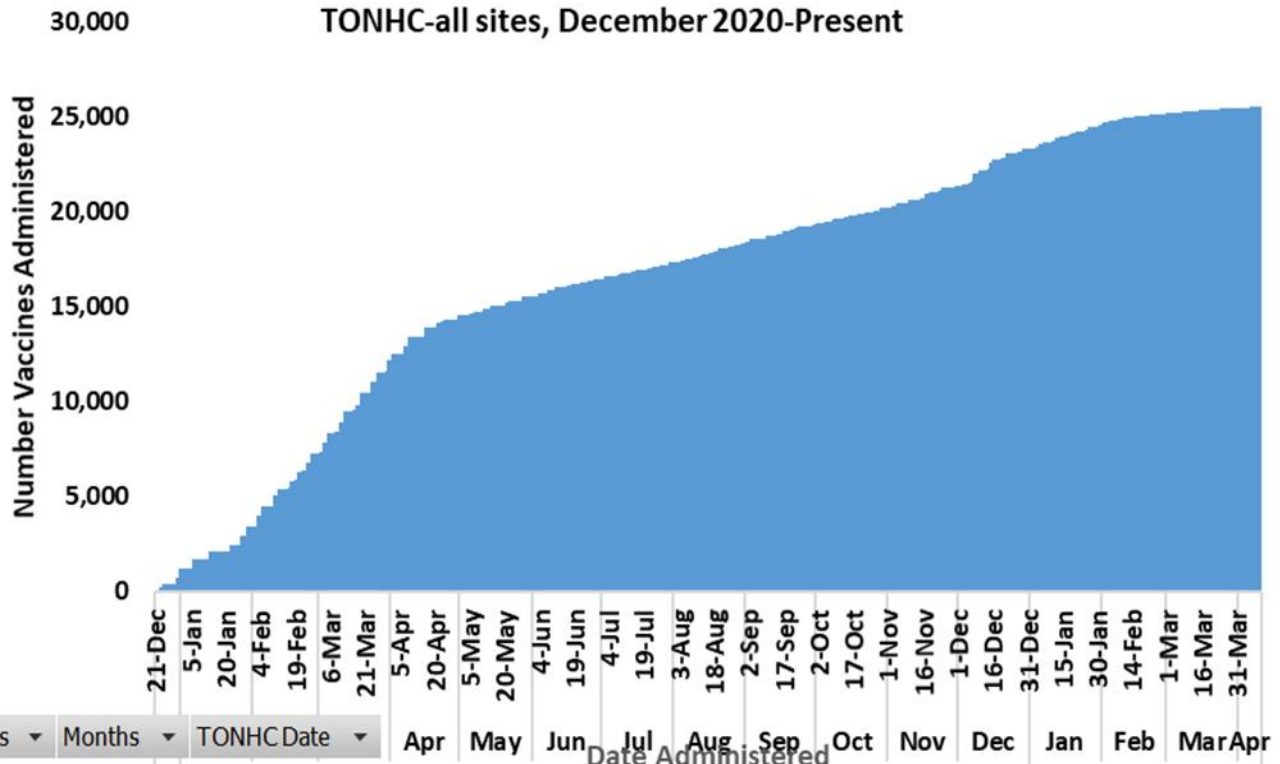
### **COVID-19 Vaccinations, TONHC**

TONHC began COVID-19 vaccination December 22, 2020. TONHC vaccinates through the health centers, community events, and partner agencies including Pima County, Tucson Indian Center, University of Arizona Premier Medical Group, Indian Health Service, and others. Data are retrieved from TONHC's Resource and Patient Management System (RPMS) and the Arizona State Immunization Information System (ASIIS). Vaccination data of TON members who received vaccinations through PIMC are also included. Some vaccinations obtained outside TONHC may be undercounted due to a data exchange disruption between RPMS-ASIIS and will be included as available. Due to these data retrieval issues, total numbers from different databases will not be equal.

|   | Date   | 2-Jun-22 |
|---|--------|----------|
| Cumulative COVID-19 vaccines administered through TONHC |        | 27,907   |
| Doses associated with TONHC and recorded through ASIIS  |        | 26,519   |
|   | Dose 1 | 11,869   |
|   | Dose 2 | 10,288   |
|   | Dose 3 | 4,093    |
|   | Dose 4 | 233      |
|   | Dose 5 | 18       |

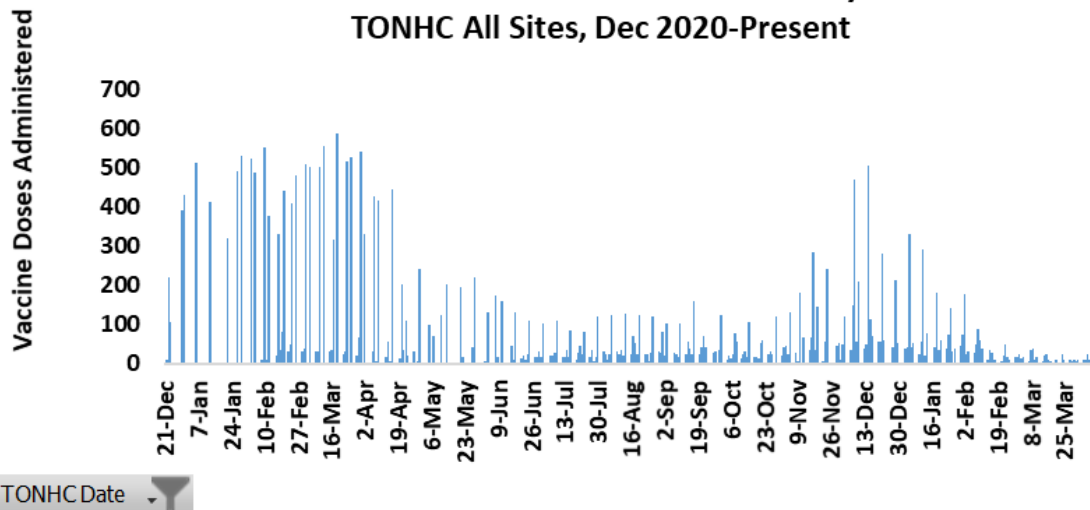
Sum of Total number of vaccine administered

### Cumulative Doses of COVID-19 Vaccine Administered TONHC-all sites, December 2020-Present



Sum of Total administered today

### COVID-19 Vaccine Doses administered by date TONHC All Sites, Dec 2020-Present



## COVID-19 Vaccination Schedule (Updated June 1, 2022)

[Vaccines for COVID-19 | CDC](#)

**Dose Volumes:** Pfizer-Kids 5-11y=0.2ml Pfizer-Adult 18y=0.3ml, including boosters Moderna 18y=doses 1, 2, 3 =0.5ml. All Moderna boosters = 0.25ml  
**"Mix or Match":** CDC recommends using the same COVID-19 mRNA vaccine product (Pfizer or Moderna) when available, however, for persons 18y+, either vaccine product may be used in the same individual for 2nd, 3rd, or booster doses. For children ages 5-17, all doses including boosters, must be Pfizer.

**Pfizer or Moderna COVID-19 Vaccine:** People with Healthy Immune Systems (not immunocompromised)

Primary Series is 2 doses followed by 1 booster for ages 5-49y =3 doses. Ages 50y and older get 2 primary doses + 2 boosters=4 doses.

| Age (years) | Vaccine Type      | Primary Series                      |                               | Booster #1                | Booster #2                  | Total number of doses |
|-------------|-------------------|-------------------------------------|-------------------------------|---------------------------|-----------------------------|-----------------------|
|             |                   | 1 <sup>st</sup> dose Start Timeline | 2 <sup>nd</sup> dose interval |                           |                             |                       |
| 0-4         | Not yet available | No                                  | No                            | No                        | No                          | 0                     |
| 5-11        | Pfizer-Kids       | 1 <sup>st</sup> Dose                | 3 weeks                       | ≥ 5 months after 2nd dose | No                          | 3                     |
| 12-17       | Pfizer-Adult      | 1 <sup>st</sup> Dose                | 3-8 weeks                     | ≥ 5 months after 2nd dose | No                          | 3                     |
| 18-49       | Pfizer-Adult      | 1 <sup>st</sup> Dose                | 3-8 weeks                     | ≥ 5 months after 2nd dose | No                          | 3                     |
| 18-49       | Moderna           | 1 <sup>st</sup> Dose                | 4-8 weeks                     | ≥ 5 months after 2nd dose | No                          | 3                     |
| 50+         | Pfizer-Adult      | 1 <sup>st</sup> Dose                | 3-8 weeks                     | ≥ 5 months after 2nd dose | ≥ 4 months after booster #1 | 4                     |
| 50+         | Moderna           | 1 <sup>st</sup> Dose                | 4-8 weeks                     | ≥ 5 months after 2nd dose | ≥ 4 months after booster #1 | 4                     |

**Pfizer or Moderna COVID-19 Vaccine:** People with Weaker Immune Systems (moderate or severely immunocompromised\*\*). See next page for list of conditions.

Primary series is 3 full doses, followed by 1 booster for ages 5-17y (4 doses). Adults 18y+ may get a 2<sup>nd</sup> booster for total 5 doses.

| Age (years) | Vaccine Type      | Primary Series                      |                               |                               | Booster #1                | Booster #2                  | Total number of doses |
|-------------|-------------------|-------------------------------------|-------------------------------|-------------------------------|---------------------------|-----------------------------|-----------------------|
|             |                   | 1 <sup>st</sup> dose Start Timeline | 2 <sup>nd</sup> dose interval | 3 <sup>rd</sup> dose interval |                           |                             |                       |
| 0-4         | Not available     | No                                  | No                            | No                            | No                        | No                          | 0                     |
| 5-11        | Pfizer-Kids       | 1 <sup>st</sup> Dose                | 3 weeks                       | ≥ 4 weeks after 2nd dose      | ≥ 3 months after 3rd dose | No                          | 4                     |
| 12-17       | Pfizer-Adult dose | 1 <sup>st</sup> Dose                | 3-8 weeks                     | ≥ 4 weeks after 2nd dose      | ≥ 3 months after 3rd dose | ≥ 4 months after booster #1 | 4 or 5 (only Pfizer)  |
| 18-49       | Pfizer-Adult      | 1 <sup>st</sup> Dose                | 3-8 weeks                     | ≥ 4 weeks after 2nd dose      | ≥ 3 months after 3rd dose | ≥ 4 months after booster #1 | 4 or 5                |
| 18-49       | Moderna           | 1 <sup>st</sup> Dose                | 4-8 weeks                     | ≥ 4 weeks after 2nd dose      | ≥ 3 months after 3rd dose | ≥ 4 months after booster #1 | 4 or 5                |
| 50+         | Pfizer-Adult      | 1 <sup>st</sup> Dose                | 3-8 weeks                     | ≥ 4 weeks after 2nd dose      | ≥ 3 months after 3rd dose | ≥ 4 months after booster #1 | 4 or 5                |
| 50+         | Moderna           | 1 <sup>st</sup> Dose                | 4-8 weeks                     | ≥ 4 weeks after 2nd dose      | ≥ 3 months after 3rd dose | ≥ 4 months after booster #1 | 4 or 5                |

**Janssen COVID-19 Vaccine:** Ages 18 years and older

All Janssen recipients need at least 2 doses and must have at least 1 of Moderna or Pfizer. Ages 50y+ and all immunocompromised persons should have additional doses.

|  | Primary Series       |  | 3 <sup>rd</sup> dose<br>Must be either Pfizer or Moderna* | Booster                            | Total number<br>of doses |
|--|----------------------|--|---|------------------------------------|--------------------------|
|  | 1 <sup>st</sup> dose | 2 <sup>nd</sup> dose                                   |   |                                    |                          |
| Not immunocompromised                  | Janssen              | Janssen, ≥ 2 months after 1 <sup>st</sup> dose         | ≥ 2 mo. after 2 <sup>nd</sup> dose                        | No                                 | 3                        |
|  | Janssen              | Pfizer or Moderna, ≥ 2 months after 1st dose           | not recommended at this time                              | No                                 | 2                        |
| Age 50+                                | Janssen              | Janssen, Pfizer, or Moderna, ≥ 2 months after 1st dose | No  | ≥ 4 mo after 2 <sup>nd</sup> dose  | 3                        |
| Moderate or severely immunocompromised | Janssen              | Janssen, 4 weeks after 1 <sup>st</sup> dose            | ≥ 4 mo. after 2 <sup>nd</sup> dose                        | ≥4 mo. after 3 <sup>rd</sup> dose  | 3 or 4                   |
|  | Janssen              | Pfizer or Moderna, 4 weeks after 1st dose              | ≥ 4 mo. after 2 <sup>nd</sup> dose                        | ≥ 4 mo. after 3 <sup>rd</sup> dose | 3 or 4                   |

\*Pfizer and Moderna are preferred. Janssen may be offered as a booster in some situations such as severe allergic reaction to mRNA vaccine.

\*\*Special circumstances may include people who had bone marrow transplant, severe immune suppression and need to restart all series.

### Who Is Moderately or Severely Immunocompromised?

People are considered to be moderately or severely immunocompromised (have a weakened immune system) due to several types of conditions and treatments. Examples include:

- Been receiving active cancer treatment for tumors or cancers of the blood
- Received an organ transplant and are taking medicine to suppress the immune system
- Received a stem cell transplant within the last 2 years or are taking medicine to suppress the immune system
- Moderate or severe primary immunodeficiency (such as DiGeorge syndrome, Wiskott-Aldrich syndrome)
- Advanced or untreated HIV infection
- Active treatment with high-dose corticosteroids or other drugs that may suppress their immune response

Talk with your healthcare provider about COVID-19 vaccination and your medical condition.

[COVID-19 Vaccines for Moderately or Severely Immunocompromised People | CDC](#)



## TON COVID-19 Vaccination Update

**Due to issues in obtaining vaccination data, the vaccination rates cannot accurately be updated at this time and reflects data from March 2022.**

The following graphics show COVID-19 vaccination rates for persons who receive care through TONHC, and specifically among Tohono O'odham Nation Members. Data are retrieved from TONHC's Resource and Patient Management System (RPMS) and the Arizona State Immunization Information System (ASIIS). Vaccination data of TON members who received vaccinations through PIMC are also included. Some vaccinations obtained outside TONHC may be undercounted due to a data exchange disruption between RPMS-ASIIS and will be included when available.

| COVID-19 Vaccinations                               | Completed COVID-19 Vaccine Series |        | At Least 1 COVID-19 Vaccine Administered |        | First Booster Dose Administered |       | Population |
|---|-----------------------------------|--------|--|--------|---------------------------------|-------|------------|
|   | Percent (%)                       | (n)    | Percent (%)                              | (n)    | Percent (%)                     | (n)   | (n)        |
| US Population 5 years & over***                     | 70%                               |        | 82%                                      |        | 48%                             |       |            |
| American Indian/Alaska Native (TONHC/PIMC patients) | 55%                               | 12,355 | 62%                                      | 13,987 | 19%                             | 4,268 | 22,598*    |
| Tohono O'odham Nation Member                        | 54%                               | 9,796  | 59%                                      | 10,759 | 19%                             | 3,538 | 18,169 †   |
| Residing on TON                                     | 59%                               | 6,313  | 65%                                      | 7,030  | 23%                             | 2,494 | 10,747#    |

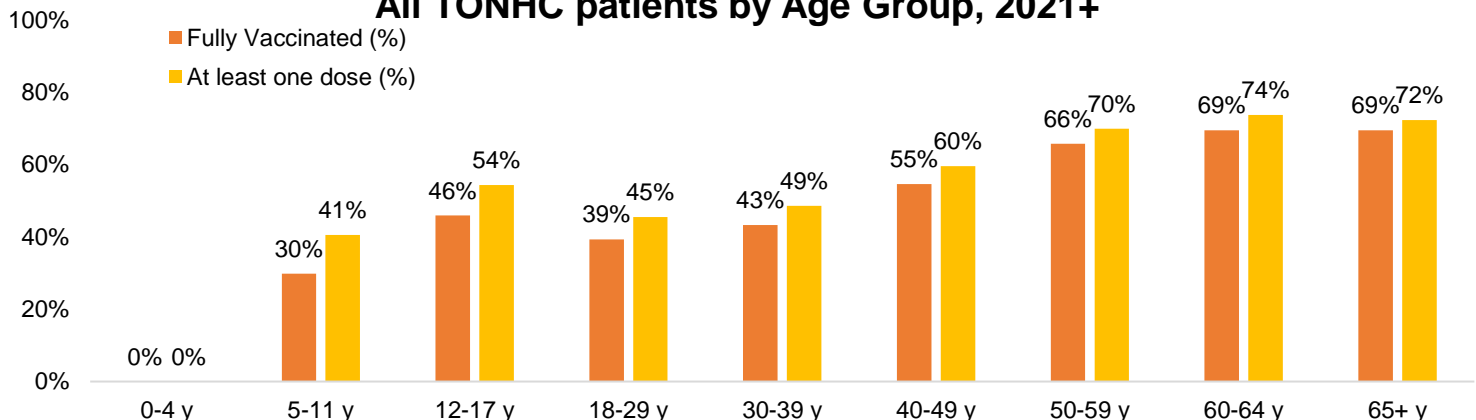
\*American Indian/Alaska Native, vaccine eligible ages 5 years and older, at least 1 visit at TONHC in last 3 years, and TON members receiving vaccine through PIMC

†Enrolled TON member, vaccine eligible ages 5 years and older, at least one visit at TONHC in last 3 years, and TON members receiving vaccine through PIMC

#Enrolled TON members and non-members, vaccine eligible ages 5 years and older, at least one visit at TONHC in last 3 years, residing on TON, including TON members receiving vaccine through PIMC

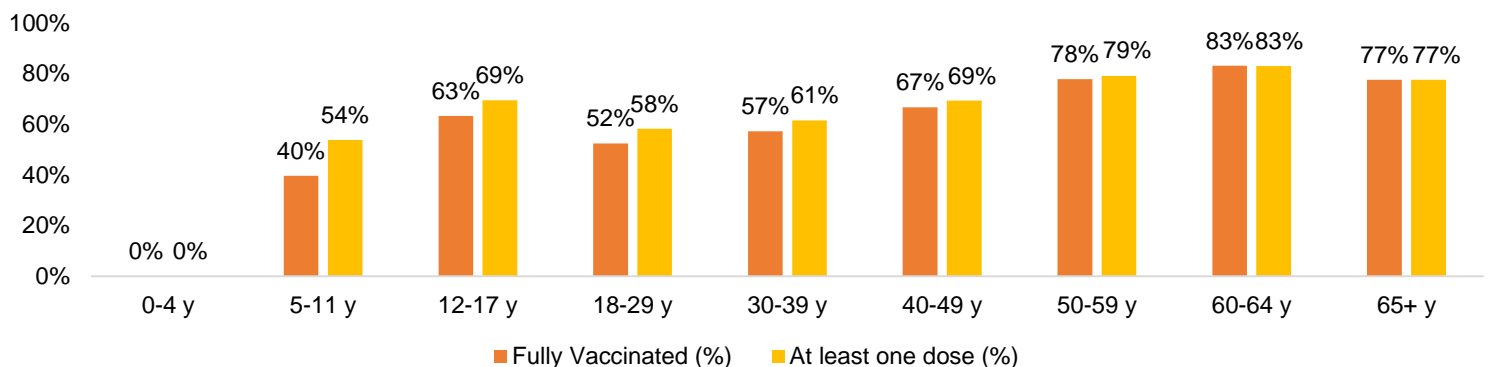
\*\*\*CDC | Data as of: April 29, 2022 6:00am ET. Posted: Friday, April 29, 2022 2:41 PM ET

### COVID-19 Vaccination Rates among All TONHC patients by Age Group, 2021+



\*TONHC patients with at least one visit in the last 3 years, any tribal affiliation

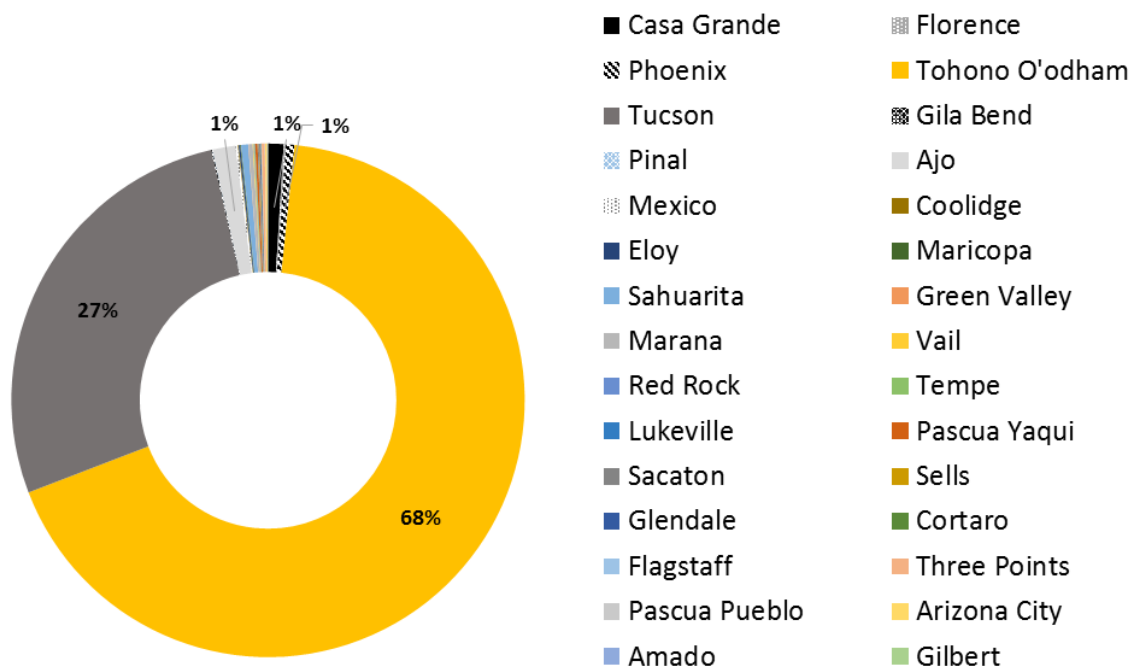
### COVID-19 Vaccination Rates among TONHC Patients Living on the Reservation by Age Group



\*TONHC patients with at least 1 visit in 3 years, residing on Tohono O'odham Nation, and members residing on TON vaccinated through PIM

# COVID-19 Data Summary

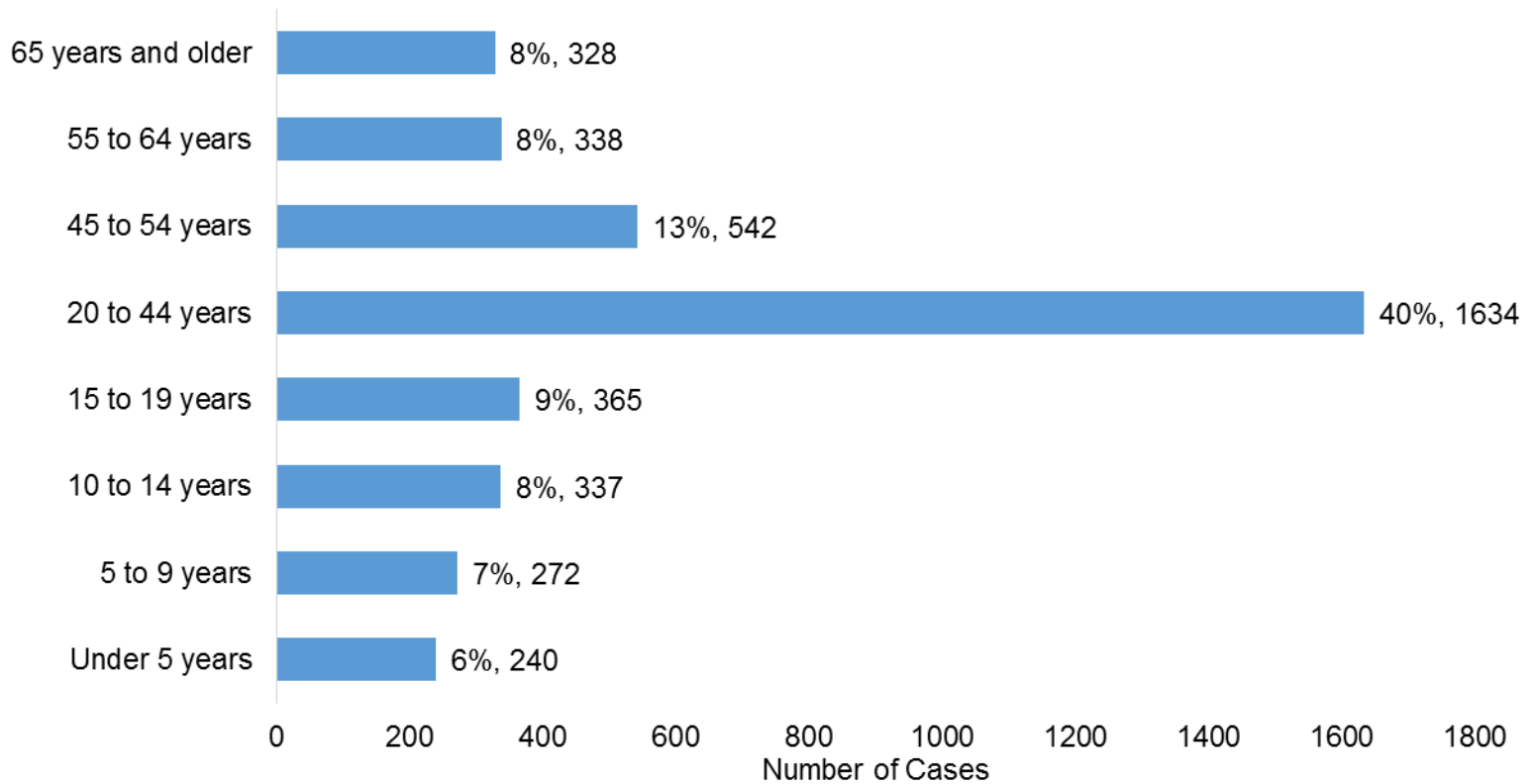
Region of Residence for COVID-19 Cases among Members of the Tohono O'odham Nation



Characterisitics of COVID-19 cases among Tohono O'odham Members

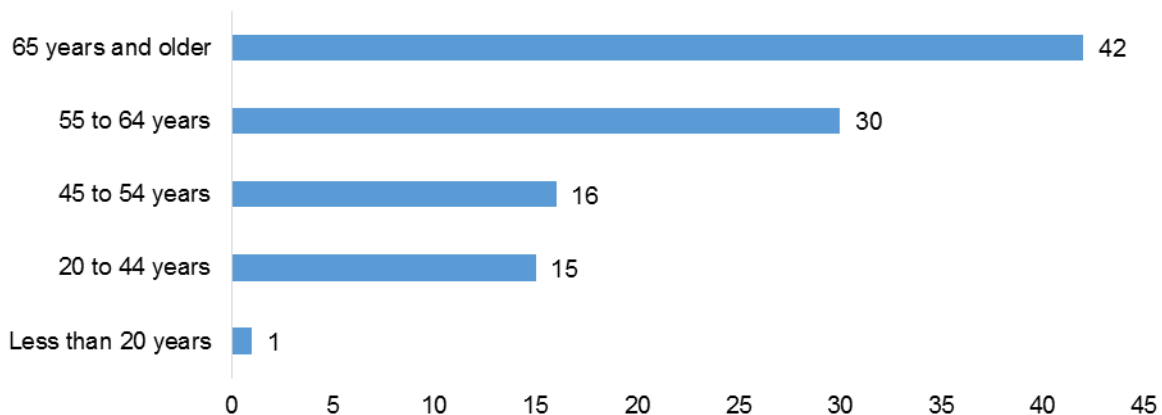


### Age Distribution of COVID-19 Cases among Tohono O'odham Members, 2020-present



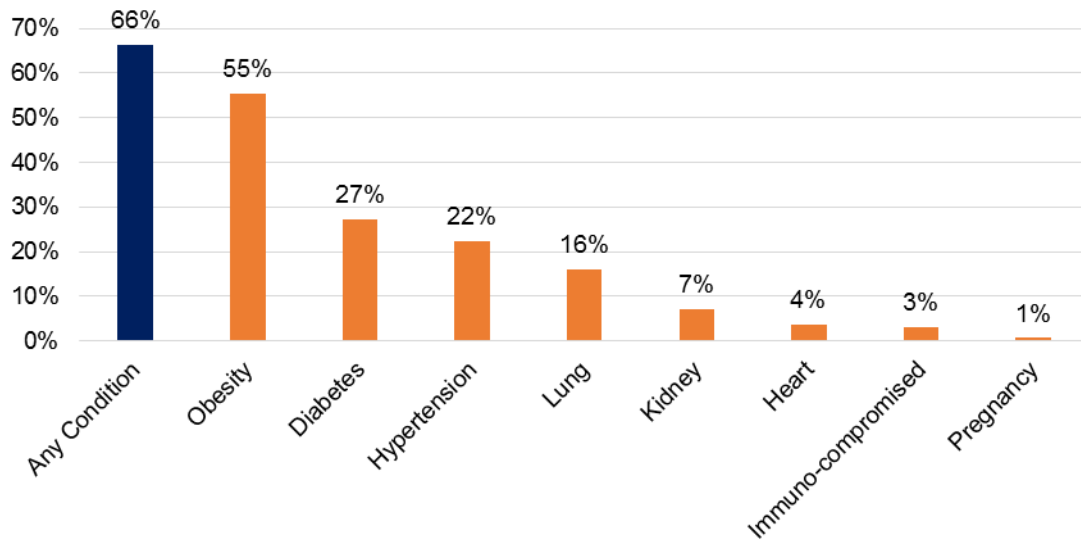
**Median age of cases is 31 years (range 1 mo-102 years)**

### Deceased Covid-19 Cases by Age Group Tohono O'odham Nation Members, 2020-present

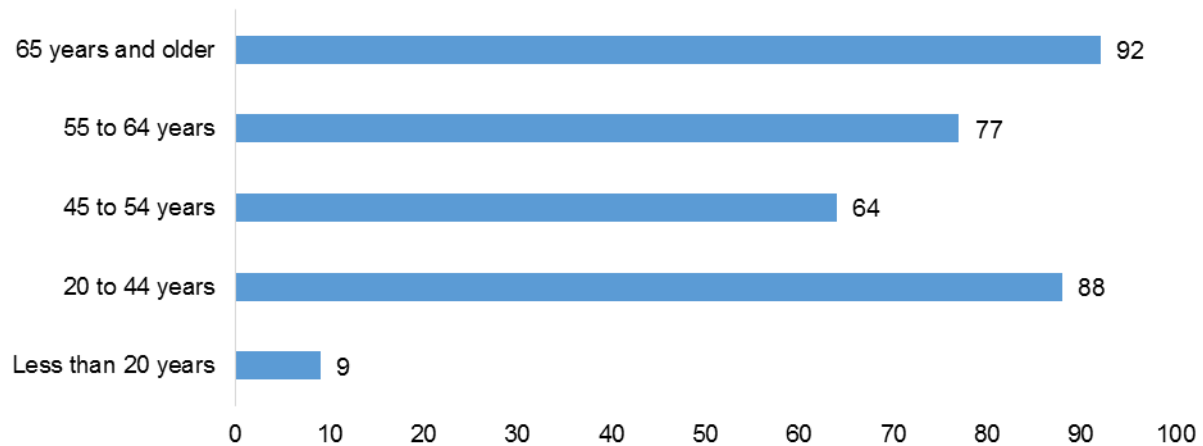


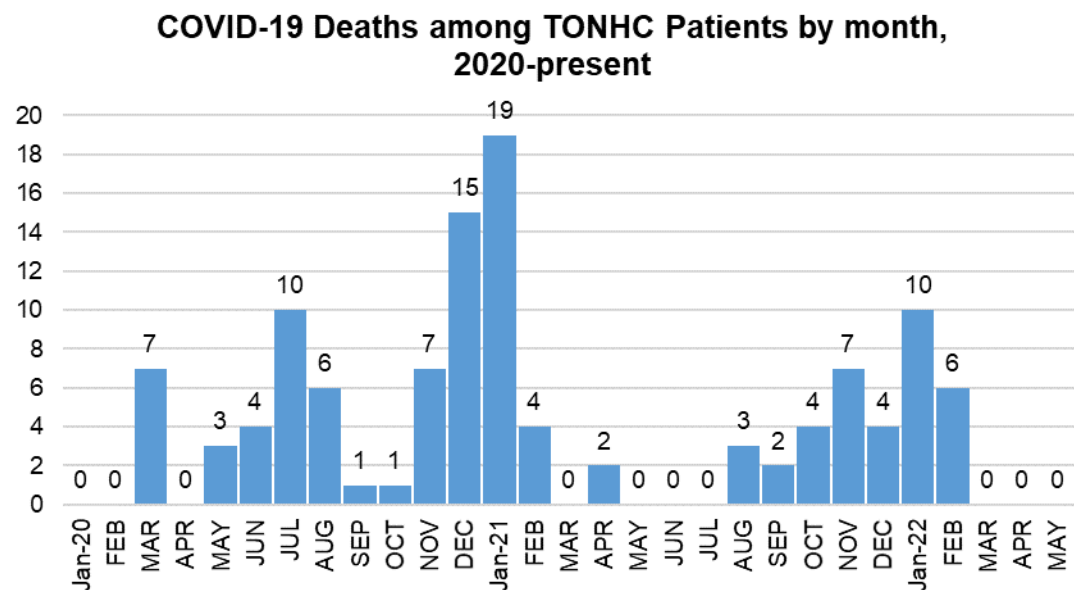
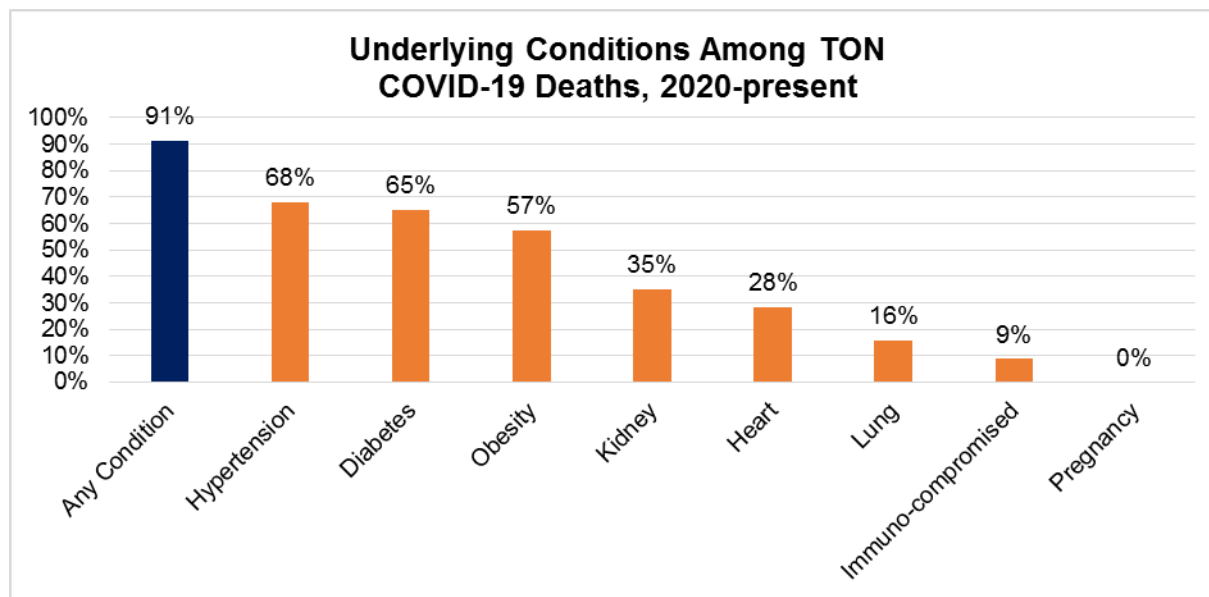
**Median age of death is 61 years (range 14-100 years)**

### Underlying Conditions of Cases with COVID-19 Among TON Members, 2020-present



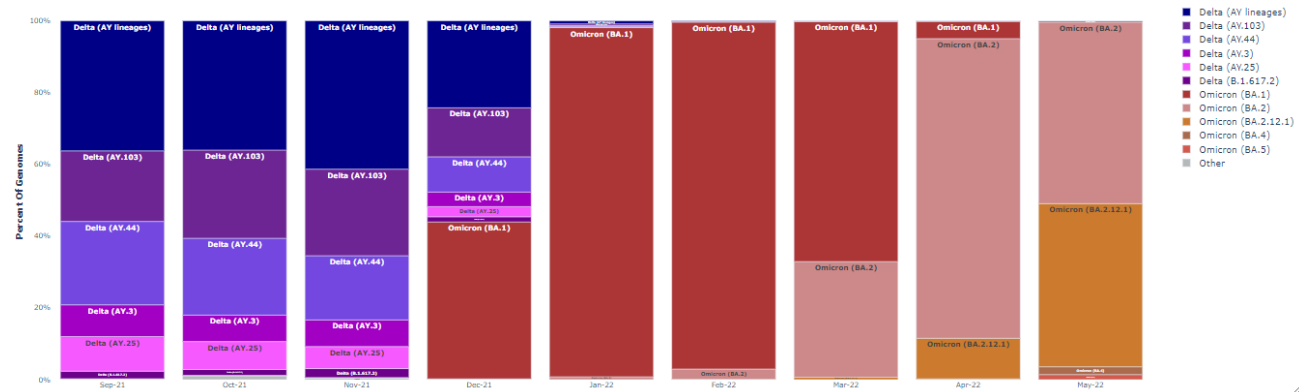
### Hospitalized COVID-19 Cases by Age Group TON, 2020-present





# COVID-19 Variants in Arizona

Variants in Arizona Genomes by Month



Several genomes have recently been identified as the BA.3 lineage per the most recent version of Pangolin. However, this lineage call appears to be inaccurate, and therefore these genomes do not appear in the dashboard. This issue may arise for future variant sub-lineages and is currently being monitored by our team.

**June 2022, Arizona** <https://pathogen.tgen.org/covidseq-tracker/>

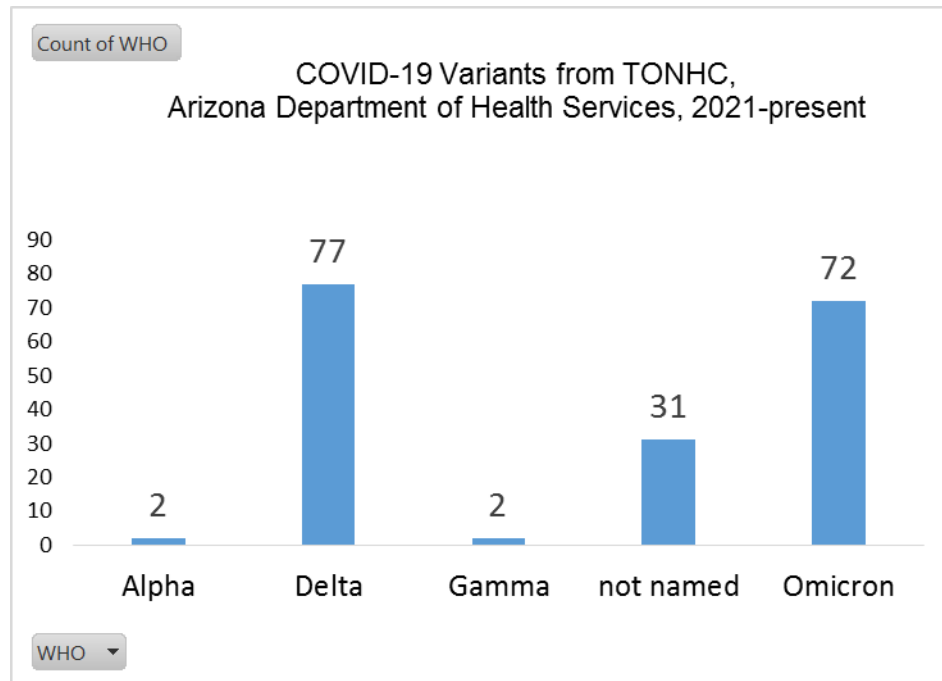
**Omicron subvariants are currently dominant.**

Omicron BA.2.12.1 (36%)

Omicron BA.2 (46%)

Omicron BA.4 (6%)

Delta/other variant (<1%)



## COVID-19 Laboratory Testing at TONHC

|   |               |
|---|---------------|
| <b>Total Covid-19 Tests Performed at TONHC through 6/2/2022</b> | <b>28,747</b> |
| <b>Total Tests Performed in Past 7 Days</b>                     | <b>229</b>    |

### Testing Available at TONHC

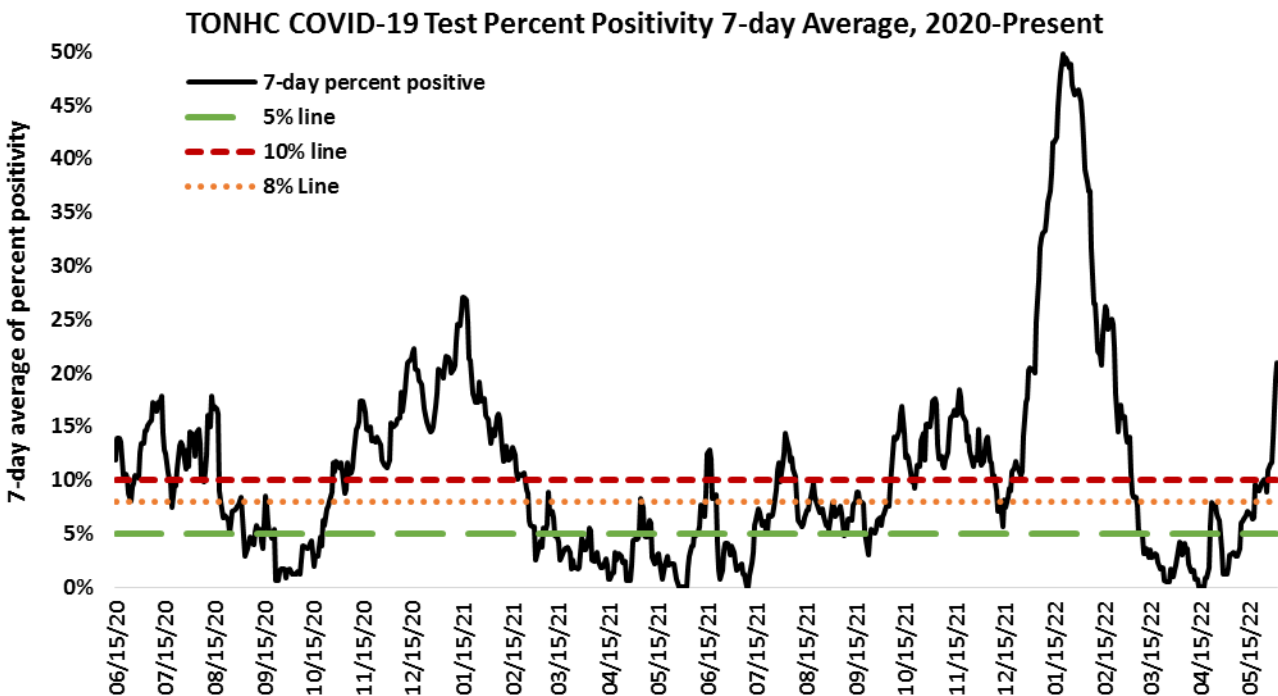
COVID-19 testing began at TONHC on March 23, 2020.

On-site same-day testing began on April 20, 2020 and expanded to same-day testing at San Xavier, Sells, and San Simon Health Centers.

TONHC uses three testing modalities: in-house Nucleic Acid Amplification (Abbott ID NOW) and PCR testing (testing for SARS CoV-2, Flu A, Flu B, and RSV using one swab (began Feb. 1, 2021).

Send-out PCR testing is also available through Sonora Quest.

After CDC recommended to not use serologic testing, effective 8/1/21, in-house antibody testing was discontinued,



**Test Percent Positivity 6/2/2022: 20.9%**

## Sells Emergency Department

Door to transfer time, the amount of time it takes to transfer a patient to another facility for higher-level care from the time they entered the emergency department, has increased dramatically for Sells Emergency Department since August 2021 due to COVID-19. As higher-level care hospitals continue to see increased COVID-19 cases, Sells ED patients will continue seeing increased wait times.

| Month          | Door-to-Transfer time for Sells Hospital ED | Total Visits |
|----------------|---|--------------|
| June 2021      | 262 minutes                                 | 753          |
| July 2021      | 292 minutes                                 | 742          |
| August 2021    | 402 minutes                                 | 859          |
| September 2021 | 531 minutes                                 | 833          |
| October 2021   | 439 minutes                                 | 761          |
| November 2021  | 533 minutes                                 | 807          |
| December 2021  | 455 minutes                                 | 717          |

## SELLS INPATIENT UNIT

In accordance with state enhanced surveillance advisory related to COVID-19, daily information is reported to Arizona State using EMResource.

|   |   |
|---|---|
| Medical Bed Capacity through 6/2/2022       | 0   |
| ICU   | 0   |
| Negative Pressure Rooms                     | 2 - inpatient ward, 1- Emergency Department |
| COVID-19 patients admitted to TONHC to date | 3   |

### COVID-19 Treatments through TONHC

| 2022       | January  | February | March | April | May |
|------------|--|----------|-------|-------|-----|
| Treatment  | Persons Treated with mAb or antiviral medications by month |          |       |       |     |
| Paxlovid   | 4  | 16       | 5     | 0     | 1   |
| Sotrovimab | 19   | 15       | 1     | 0     | 0   |
| Remdesivir | 1 (inpt tx for transfer)                                   | 0        | 0     |       | 0   |

## PUBLIC HEALTH NURSING – CONTACT TRACING

### County and State Health Departments will assist TON with COVID-19 notifications

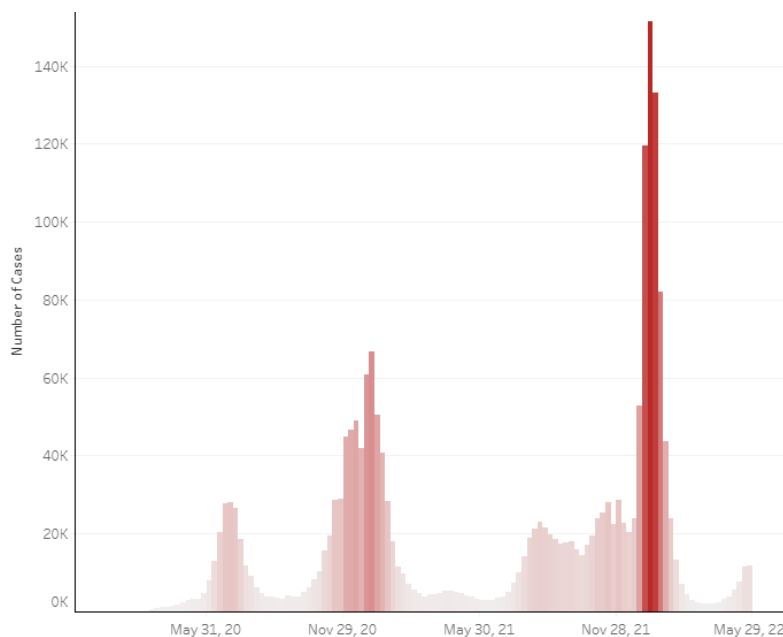
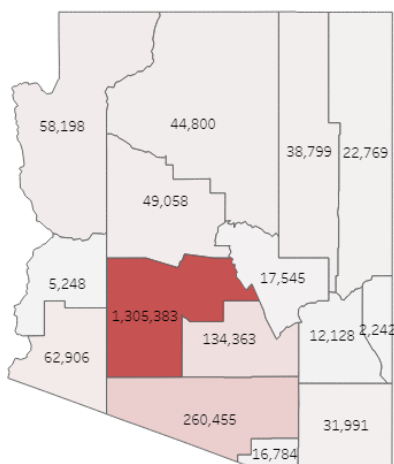
The current surge in COVID-19 cases is causing delays for health departments across the state to contact persons infected with COVID-19. During the surge, Pima and Pinal County Health Departments and the Arizona Department Health Services (ADHS) will assist the Tohono O'odham Nation to notify persons who test positive for COVID-19 and persons they might have had contact with. Please cooperate with the health departments if they contact you.



# Arizona DATA

## COVID-19 Cases by Week

Click below to filter data by county of residence.

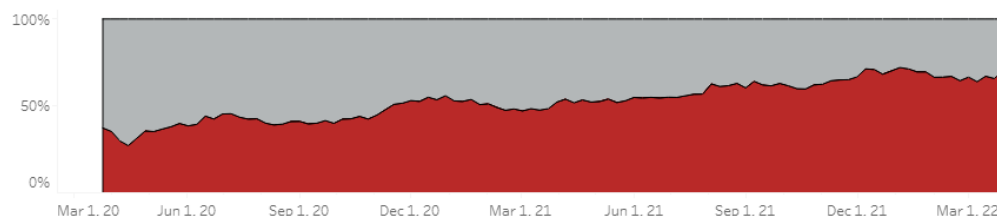


\*Illnesses in the past week may not be reported yet

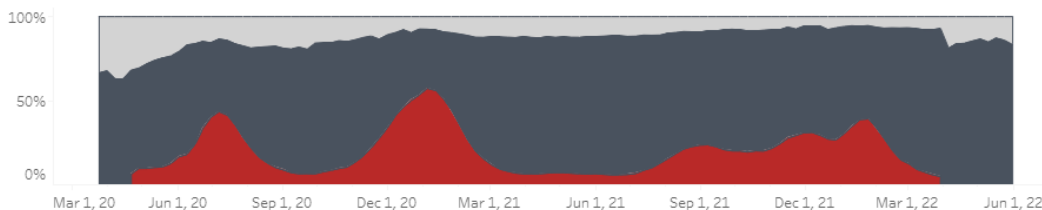
Data are updated on Wednesdays and include data through 5/28/2022.

Number of **Emergency Department Beds** ■ Available and ■ In Use at Arizona Hospitals

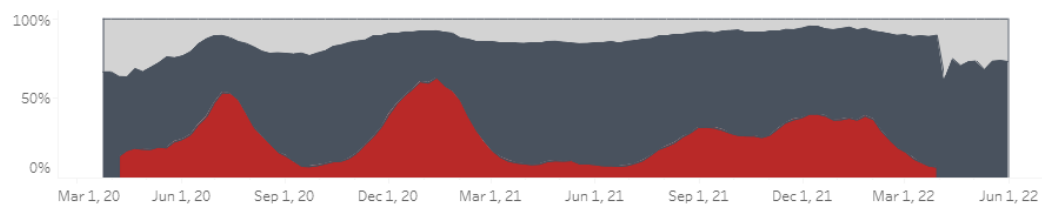
Note : Emergency Department Beds data will not be updated after 3/30/2022



Number of **Inpatient Beds** ■ Available, ■ In Use by non-COVID Patients, and ■ In Use by COVID Patients (starting 4/10/20) at Arizona Hospitals



Number of **Intensive Care Unit (ICU) Beds** ■ Available, ■ In Use by non-COVID Patients, and ■ In Use by COVID Patients (starting 4/10/20) at Arizona Hospitals



Data are updated on Wednesdays and include data through 5/28/2022.

## APPENDIX

### Confirmed COVID-19 Cases and Absolute Change among Enrolled Tohono O'odham Nation Members by Week, 2020-2022\*

| Week (2020-2021)                        | Cumulative COVID-19 Cases Among Enrolled Tohono O'odham Tribal | Absolute Change <sup>s</sup> in Cumulative Case Counts from |
|---|--|---|
| June 24, 2020 – June 30, 2020           | 208  |   |
| July 1, 2020 – July 2, 2020             | 265  | 57  |
| July 8, 2020 – July 14, 2020            | 324  | 59  |
| July 15, 2020 – July 21, 2020           | 349  | 25  |
| July 22, 2020 – July 28, 2020           | 382  | 33  |
| July 29, 2020 – August 4, 2020          | 421  | 39  |
| August 5, 2020 – August 11, 2020        | 468  | 47  |
| August 12, 2020 – August 18, 2020       | 501  | 33  |
| August 19, 2020 – August 25, 2020       | 513  | 12  |
| August 26, 2020 – September 1, 2020     | 523  | 10  |
| September 2, 2020 – September 8, 2020   | 532  | 9   |
| September 9, 2020 – September 15, 2020  | 546  | 14  |
| September 16, 2020 – September 22, 2020 | 546  | 0   |
| September 23, 2020 – September 29, 2020 | 547  | 1   |
| September 30, 2020 – October 6, 2020    | 549  | 2   |
| October 7, 2020 – October 13, 2020      | 560  | 11  |
| October 14, 2020 – October 20, 2020     | 566  | 6   |
| October 21, 2020 – October 27, 2020     | 584  | 18  |
| October 28, 2020 – November 3, 2020     | 597  | 13  |
| November 4, 2020 – November 10, 2020    | 637  | 40  |
| November 11, 2020 – November 17, 2020   | 687  | 50  |
| November 18, 2020 – November 24, 2020   | 744  | 57  |
| November 25, 2020 – December 1, 2020    | 805  | 61  |
| December 2, 2020 – December 8, 2020     | 890  | 85  |
| December 9, 2020 – December 15, 2020    | 1017   | 127   |
| December 16, 2020 – December 22, 2020   | 1109   | 92  |
| December 23, 2020 – December 29, 2020   | 1191   | 82  |
| December 30, 2020 – January 5, 2021     | 1322   | 131   |
| January 6, 2021 – January 12, 2021      | 1444   | 122   |
| January 13, 2021 – January 19, 2021     | 1530   | 86  |
| January 20, 2021 – January 26, 2021     | 1624   | 94  |
| January 27, 2021 – February 2, 2021     | 1671   | 47  |
| February 3, 2021 – February 9, 2021     | 1705   | 34  |
| February 10, 2021 – February 16, 2021   | 1728   | 23  |
| February 17, 2021 – February 23, 2021   | 1746   | 18  |
| February 24, 2021 – March 2, 2021       | 1752   | 6   |
| March 3, 2021 – March 9, 2021           | 1758   | 6   |
| March 10, 2021 – March 16, 2021         | 1759   | 1   |
| March 17, 2021 – March 23, 2021         | 1761   | 2   |
| March 24, 2021 – March 30, 2021         | 1763   | 2   |
| March 31, 2021 – April 6, 2021          | 1764   | 1   |

|   |      |     |
|---|------|-----|
| April 7, 2021 – April 13, 2021          | 1766 | 2   |
| April 14, 2021 – April 20, 2021         | 1770 | 4   |
| April 21, 2021 – April 27, 2021         | 1772 | 2   |
| April 28, 2021 – May 4, 2021            | 1780 | 8   |
| May 5, 2021 – May 11, 2021              | 1789 | 9   |
| May 12, 2021 – May 18, 2021             | 1790 | 1   |
| May 19, 2021 – May 25, 2021             | 1793 | 3   |
| May 26, 2021 – June 1, 2021             | 1794 | 1   |
| June 2, 2021 – June 8, 2021             | 1800 | 6   |
| June 9, 2021 – June 15, 2021            | 1818 | 18  |
| June 16, 2021 – June 22, 2021           | 1820 | 2   |
| June 23, 2021 – June 29, 2021           | 1823 | 3   |
| June 30, 2021 – July 6, 2021            | 1825 | 2   |
| July 7, 2021 – July 13, 2021            | 1832 | 7   |
| July 14, 2021 – July 20, 2021           | 1839 | 7   |
| July 21, 2021 – July 27, 2021           | 1850 | 11  |
| July 28, 2021 – August 3, 2021          | 1876 | 26  |
| August 4, 2021 – August 10, 2021        | 1897 | 21  |
| August 11, 2021 – August 17, 2021       | 1925 | 28  |
| August 18, 2021 – August 24, 2021       | 1950 | 25  |
| August 25, 2021 – August 31, 2021       | 1976 | 26  |
| September 1, 2021 – September 7, 2021   | 1991 | 15  |
| September 8, 2021 – September 14, 2021  | 2010 | 19  |
| September 15, 2021 – September 21, 2021 | 2014 | 4   |
| September 22, 2021 – September 28, 2021 | 2027 | 13  |
| September 29, 2021 – October 5, 2021    | 2042 | 15  |
| October 6, 2021 – October 12, 2021      | 2078 | 36  |
| October 13, 2021 – October 19, 2021     | 2106 | 28  |
| October 20, 2021 – October 26, 2021     | 2146 | 40  |
| October 27, 2021 – November 2, 2021     | 2196 | 50  |
| November 3, 2021 – November 9, 2021     | 2241 | 45  |
| November 10, 2021 – November 16, 2021   | 2291 | 50  |
| November 17, 2021 – November 23, 2021   | 2343 | 52  |
| November 24, 2021 – November 30, 2021   | 2374 | 31  |
| December 1, 2021 – December 7, 2021     | 2410 | 35  |
| December 8, 2021 – December 14, 2021    | 2428 | 18  |
| December 15, 2021 – December 21, 2021   | 2450 | 22  |
| December 22, 2021 – December 28, 2021   | 2495 | 45  |
| December 29, 2021 – January 4, 2022     | 2590 | 95  |
| January 5, 2022 – January 11, 2022      | 2843 | 253 |
| January 12, 2022 – January 18, 2022     | 3212 | 369 |
| January 19, 2022 – January 25, 2022     | 3558 | 346 |
| January 26, 2022 – February 1, 2022     | 3752 | 194 |
| February 2, 2022 – February 8, 2022     | 3826 | 74  |
| February 9, 2022 – February 15, 2022    | 3882 | 56  |
| February 16, 2022 – February 22, 2022   | 3918 | 36  |
| February 23, 2022 – March 1, 2022       | 3940 | 22  |

|                                 |      |    |
|---------------------------------|------|----|
| March 2, 2022 – March 8, 2022   | 3948 | 8  |
| March 9, 2022 – March 15, 2022  | 3954 | 6  |
| March 16, 2022 – March 22, 2022 | 3958 | 3  |
| March 23, 2022 – March 29, 2022 | 3958 | 0  |
| March 30, 2022 – April 5, 2022  | 3962 | 4  |
| April 6, 2022 – April 12, 2022  | 3964 | 2  |
| April 13, 2022 – April 19, 2022 | 3965 | 1  |
| April 20, 2022 – April 26, 2022 | 3974 | 9  |
| April 27, 2022 – May 4, 2022    | 3980 | 6  |
| May 4, 2022 – May 10, 2022      | 3990 | 10 |
| May 11, 2022 – May 17, 2022     | 4001 | 11 |
| May 18, 2022 – May 24, 2022     | 4016 | 15 |
| May 25, 2022 – May 31, 2022     | 4054 | 38 |

\*changes due to added cases

**Confirmed COVID-19 Cases and Absolute Change among Persons Residing within the Tohono O'odham Nation by Week, 2020-2022\***

| <b>Week (2020-2021)</b>                 | <b>Cumulative COVID-19 Cases Among Enrolled Tohono O'odham Tribal Members Residing within the Tohono O'odham Nation Boundary</b> | <b>Absolute Change<sup>s</sup> in Cumulative Case Counts from Previous Week</b> |
|---|--|---|
| June 24, 2020 – June 30, 2020           | 87   |   |
| July 1, 2020 – July 2, 2020             | 116  | 29  |
| July 8, 2020 – July 14, 2020            | 163  | 47  |
| July 15, 2020 – July 21, 2020           | 182  | 19  |
| July 22, 2020 – July 28, 2020           | 204  | 22  |
| July 29, 2020 – August 4, 2020          | 234  | 30  |
| August 5, 2020 – August 11, 2020        | 272  | 38  |
| August 12, 2020 – August 18, 2020       | 299  | 27  |
| August 19, 2020 – August 25, 2020       | 309  | 10  |
| August 26, 2020 – September 1, 2020     | 319  | 10  |
| September 2, 2020 – September 8, 2020   | 326  | 7   |
| September 9, 2020 – September 15, 2020  | 340  | 14  |
| September 16, 2020 – September 22, 2020 | 340  | 0   |
| September 23, 2020 – September 29, 2020 | 340  | 0   |
| September 30, 2020 – October 6, 2020    | 341  | 1   |
| October 7, 2020 – October 13, 2020      | 349  | 8   |
| October 14, 2020 – October 20, 2020     | 352  | 3   |
| October 21, 2020 – October 27, 2020     | 358  | 6   |
| October 28, 2020 – November 3, 2020     | 369  | 11  |
| November 4, 2020 – November 10, 2020    | 402  | 32  |
| November 11, 2020 – November 17, 2020   | 437  | 35  |
| November 18, 2020 – November 24, 2020   | 485  | 48  |
| November 25, 2020 – December 1, 2020    | 528  | 43  |

|   |      |    |
|---|------|----|
| December 2, 2020 – December 8, 2020     | 589  | 61 |
| December 9, 2020 – December 15, 2020    | 685  | 96 |
| December 16, 2020 – December 22, 2020   | 747  | 62 |
| December 23, 2020 – December 29, 2020   | 796  | 49 |
| December 30, 2020 – January 5, 2021     | 884  | 88 |
| January 6, 2021 – January 12, 2021      | 969  | 85 |
| January 13, 2021 – January 19, 2021     | 1031 | 62 |
| January 20, 2021 – January 26, 2021     | 1106 | 75 |
| January 27, 2021 – February 2, 2021     | 1137 | 31 |
| February 3, 2021 – February 9, 2021     | 1166 | 29 |
| February 10, 2021 - February 16, 2021   | 1179 | 13 |
| February 17, 2021 – February 23, 2021   | 1191 | 12 |
| February 24, 2021 – March 2, 2021       | 1195 | 4  |
| March 3, 2021 – March 9, 2021           | 1199 | 4  |
| March 10, 2021 – March 16, 2021         | 1200 | 1  |
| March 17, 2021 – March 23, 2021         | 1202 | 2  |
| March 24, 2021 – March 30, 2021         | 1204 | 2  |
| March 31, 2021 – April 6, 2021          | 1204 | 0  |
| April 7, 2021 – April 13, 2021          | 1204 | 0  |
| April 14, 2021 – April 20, 2021         | 1207 | 3  |
| April 21, 2021 - April 27, 2021         | 1207 | 0  |
| April 28, 2021 – May 4, 2021            | 1211 | 4  |
| May 5, 2021 – May 11, 2021              | 1220 | 9  |
| May 12, 2021 – May 18, 2021             | 1221 | 1  |
| May 19, 2021 – May 25, 2021             | 1223 | 2  |
| May 26, 2021 – June 1, 2021             | 1224 | 1  |
| June 2, 2021 – June 8, 2021             | 1228 | 4  |
| June 9, 2021 – June 15, 2021            | 1244 | 16 |
| June 16, 2021 – June 22, 2021           | 1245 | 1  |
| June 23, 2021 – June 29, 2021           | 1246 | 1  |
| June 30, 2021 – July 6, 2021            | 1247 | 1  |
| July 7, 2021 – July 13, 2021            | 1253 | 6  |
| July 14, 2021 – July 20, 2021           | 1258 | 5  |
| July 21, 2021 – July 27, 2021           | 1263 | 5  |
| July 28, 2021 – August 3, 2021          | 1282 | 19 |
| August 4, 2021 – August 10, 2021        | 1294 | 12 |
| August 11, 2021 – August 17, 2021       | 1312 | 18 |
| August 18, 2021 – August 24, 2021       | 1324 | 12 |
| August 25, 2021 – August 31, 2021       | 1339 | 15 |
| September 1, 2021 – September 7, 2021   | 1344 | 5  |
| September 8, 2021 – September 14, 2021  | 1353 | 9  |
| September 15, 2021 – September 21, 2021 | 1355 | 2  |
| September 22, 2021 – September 28, 2021 | 1363 | 8  |
| September 29, 2021 – October 5, 2021    | 1370 | 7  |
| October 6, 2021 – October 12, 2021      | 1396 | 25 |
| October 13, 2021 – October 19, 2021     | 1410 | 14 |

|                                       |      |     |
|---------------------------------------|------|-----|
| October 21, 2021 – October 26, 2021   | 1438 | 28  |
| October 27, 2021 – November 2, 2021   | 1467 | 29  |
| November 3, 2021 – November 9, 2021   | 1490 | 23  |
| November 10, 2021 – November 16, 2021 | 1522 | 32  |
| November 17, 2021 – November 23, 2021 | 1548 | 26  |
| November 24, 2021 – November 30, 2021 | 1559 | 11  |
| December 1, 2021 – December 7, 2021   | 1576 | 17  |
| December 8, 2021 – December 14, 2021  | 1590 | 14  |
| December 15, 2021 – December 21, 2021 | 1611 | 21  |
| December 22, 2021 – December 28, 2021 | 1636 | 25  |
| December 29, 2021 – January 4, 2022   | 1705 | 69  |
| January 5, 2022 – January 11, 2022    | 1876 | 171 |
| January 12, 2022 – January 18, 2022   | 2156 | 280 |
| January 19, 2022 – January 25, 2022   | 2412 | 254 |
| January 26, 2022 – February 1, 2022   | 2554 | 141 |
| February 2, 2022 – February 8, 2022   | 2612 | 58  |
| February 9, 2022 – February 15, 2022  | 2659 | 47  |
| February 16, 2022 – February 22, 2022 | 2687 | 28  |
| February 23, 2022 – March 1, 2022     | 2705 | 18  |
| March 2, 2022 – March 8, 2022         | 2710 | 5   |
| March 9, 2022 – March 15, 2022        | 2712 | 2   |
| March 16, 2022 – March 22, 2022       | 2713 | 1   |
| March 23, 2022 – March 29, 2022       | 2713 | 0   |
| March 30, 2022 – April 5, 2022        | 2715 | 2   |
| April 6, 2022 – April 12, 2022        | 2715 | 0   |
| April 13, 2022 – April 19, 2022       | 2716 | 1   |
| April 20, 2022 – April 26, 2022       | 2726 | 10  |
| April 27, 2022 – May 4, 2022          | 2730 | 4   |
| May 4, 2022 – May 10, 2022            | 2740 | 10  |
| May 11, 2022 – May 17, 2022           | 2748 | 8   |
| May 18, 2022 – May 24, 2022           | 2760 | 12  |
| May 25, 2022 – May 31, 2022           | 2789 | 29  |

\*Changes due to added cases and reclassification of residence as of 9/1/2021

#### TONHC COVID-19 Positive Test Results and Absolute Change by Week, 2020-2022

| Week (2020-2021)                    | TONHC Cumulative Positive COVID-19 Test Results | Absolute Change <sup>†</sup> in Positive Test Results from Previous Week |
|-------------------------------------|---|--|
| June 24, 2020 – June 30, 2020       | 153   |  |
| July 1, 2020 – July 2, 2020         | 202   | 49   |
| July 8, 2020 – July 14, 2020        | 251   | 49   |
| July 15, 2020 – July 21, 2020       | 278   | 27   |
| July 22, 2020 – July 28, 2020       | 302   | 24   |
| July 29, 2020 – August 4, 2020      | 342   | 40   |
| August 5, 2020 – August 11, 2020    | 382   | 40   |
| August 12, 2020 – August 18, 2020   | 403   | 21   |
| August 19, 2020 – August 25, 2020   | 416   | 13   |
| August 26, 2020 – September 1, 2020 | 426   | 10   |



|   |      |     |
|---|------|-----|
| September 2, 2020 – September 8, 2020   | 431  | 5   |
| September 9, 2020 – September 15, 2020  | 444  | 13  |
| September 16, 2020 – September 22, 2020 | 445  | 1   |
| September 23, 2020 – September 29, 2020 | 447  | 2   |
| September 30, 2020 – October 6, 2020    | 449  | 2   |
| October 7, 2020 – October 13, 2020      | 457  | 8   |
| October 14, 2020 – October 20, 2020     | 464  | 7   |
| October 21, 2020 – October 27, 2020     | 487  | 23  |
| October 28, 2020 – November 3, 2020     | 505  | 18  |
| November 4, 2020 – November 10, 2020    | 549  | 44  |
| November 11, 2020 – November 17, 2020   | 604  | 55  |
| November 18, 2020 – November 24, 2020   | 667  | 63  |
| November 25, 2020 – December 1, 2020    | 725  | 58  |
| December 2, 2020 – December 8, 2020     | 824  | 99  |
| December 9, 2020 – December 15, 2020    | 962  | 138 |
| December 16, 2020 – December 22, 2020   | 1066 | 104 |
| December 23, 2020 – December 29, 2020   | 1148 | 82  |
| December 30, 2020 – January 5, 2021     | 1276 | 128 |
| January 6, 2021 – January 12, 2021      | 1409 | 133 |
| January 13, 2021 – January 19, 2021     | 1497 | 88  |
| January 20, 2021 – January 26, 2021     | 1584 | 87  |
| January 27, 2021 – February 2, 2021     | 1630 | 46  |
| February 3, 2021 – February 9, 2021     | 1664 | 34  |
| February 10, 2021 - February 16, 2021   | 1689 | 25  |
| February 17, 2021 – February 23, 2021   | 1706 | 17  |
| February 24, 2021 – March 2, 2021       | 1711 | 5   |
| March 3, 2021 – March 9, 2021           | 1723 | 12  |
| March 10, 2021 – March 16, 2021         | 1729 | 6   |
| March 17, 2021 – March 23, 2021         | 1731 | 2   |
| March 24, 2021 – March 30, 2021         | 1736 | 5   |
| March 31, 2021 – April 6, 2021          | 1739 | 3   |
| April 7, 2021 – April 13, 2021          | 1743 | 4   |
| April 14, 2021 – April 20, 2021         | 1747 | 4   |
| April 21, 2021 - April 27, 2021         | 1748 | 1   |
| April 28, 2021 – May 4, 2021            | 1755 | 7   |
| May 5, 2021 – May 11, 2021              | 1764 | 9   |
| May 12, 2021 – May 18, 2021             | 1765 | 1   |
| May 19, 2021 – May 25, 2021             | 1768 | 3   |
| May 26, 2021 – June 1, 2021             | 1768 | 0   |
| June 2, 2021 – June 8, 2021             | 1774 | 6   |
| June 9, 2021 – June 15, 2021            | 1792 | 18  |
| June 16, 2021 – June 22, 2021           | 1794 | 2   |
| June 23, 2021 – June 29, 2021           | 1798 | 4   |
| June 30, 2021 – July 6, 2021            | 1800 | 2   |
| July 7, 2021 – July 13, 2021            | 1803 | 3   |
| July 14, 2021 – July 20, 2021           | 1810 | 7   |
| July 21, 2021 – July 27, 2021           | 1823 | 13  |

|   |      |     |
|---|------|-----|
| July 28, 2021 – August 3, 2021          | 1853 | 30  |
| August 4, 2021 – August 10, 2021        | 1878 | 25  |
| August 11, 2021 – August 17, 2021       | 1906 | 28  |
| August 18, 2021 – August 24, 2021       | 1932 | 26  |
| August 25, 2021 – August 31, 2021       | 1965 | 33  |
| September 1, 2021 – September 7, 2021   | 1978 | 13  |
| September 8, 2021 – September 14, 2021  | 1996 | 18  |
| September 15, 2021 – September 21, 2021 | 2005 | 9   |
| September 22, 2021 – September 28, 2021 | 2019 | 14  |
| September 29, 2021 – October 5, 2021    | 2035 | 16  |
| October 6, 2021 – October 12, 2021      | 2075 | 40  |
| October 13, 2021 – October 19, 2021     | 2102 | 27  |
| October 21, 2021 – October 26, 2021     | 2141 | 39  |
| October 27, 2021 – November 2, 2021     | 2183 | 42  |
| November 3, 2021 – November 9, 2021     | 2236 | 53  |
| November 10, 2021 – November 16, 2021   | 2285 | 50  |
| November 17, 2021 – November 23, 2021   | 2333 | 48  |
| November 24, 2021 – November 30, 2021   | 2369 | 36  |
| December 1, 2021 – December 7, 2021     | 2405 | 36  |
| December 8, 2021 – December 14, 2021    | 2422 | 17  |
| December 15, 2021 – December 21, 2021   | 2452 | 30  |
| December 22, 2021 – December 28, 2021   | 2505 | 53  |
| December 29, 2021 – January 4, 2022     | 2613 | 108 |
| January 5, 2022 – January 11, 2022      | 2927 | 314 |
| January 12, 2022 – January 18, 2022     | 3349 | 422 |
| January 19, 2022 – January 25, 2022     | 3777 | 428 |
| January 26, 2022 – February 1, 2022     | 3986 | 209 |
| February 2, 2022 – February 8, 2022     | 4075 | 89  |
| February 9, 2022 – February 15, 2022    | 4134 | 59  |
| February 16, 2022 – February 22, 2022   | 4168 | 34  |
| February 23, 2022 – March 1, 2022       | 4193 | 25  |
| March 2, 2022 – March 8, 2022           | 4203 | 10  |
| March 9, 2022 – March 15, 2022          | 4209 | 6   |
| March 16, 2022 – March 22, 2022         | 4212 | 3   |
| March 23, 2022 – March 29, 2022         | 4214 | 2   |
| March 30, 2022 – April 5, 2022          | 4220 | 6   |
| April 6, 2022 – April 12, 2022          | 4221 | 1   |
| April 13, 2022 – April 19, 2022         | 4222 | 1   |
| April 20, 2022 – April 26, 2022         | 4232 | 10  |
| April 27, 2022 – May 3, 2022            | 4237 | 5   |
| May 4, 2022 – May 10, 2022              | 4246 | 9   |
| May 11, 2022 – May 17, 2022             | 4259 | 13  |
| May 18, 2022 – May 24, 2022             | 4281 | 22  |
| May 25, 2022 – May 31, 2022             | 4323 | 42  |