

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)  
Week 41 (10/10/2021- 10/16/2021)

COCONINO COUNTY  
*October 22, 2021*



# Situation Summary

MMWR Week 41 (10/10/2021-10/16/2021)

**A total of 22,335 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – October 16, 2021.**

**Deaths: 342** (1.5% of cases)

**Probable Deaths: 5**

**Recovered Cases: 20,437**

(92% of cases)

**Hospitalizations: 1,612**

(7.2% of cases)

**Total Fully Vaccinated: 72,677**

(59.5% of the eligible population)

## Cases Reported Week 41 (October 10, 2021 - October 16, 2021):

408  
Positive  
Cases

71%  
Not Fully  
Vaccinated

288.4  
Rate per  
100,000

7.9%  
Positivity  
Yield

## Community Transmission

- Coconino County has a current incidence rate of **288.4 per 100,000**, percent positivity of **7.9%**, and **COVID-19-Like-Illness incidence (CLI)** of **6.6%\***.
- Coconino County is currently at a **High\*\*** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

\*CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

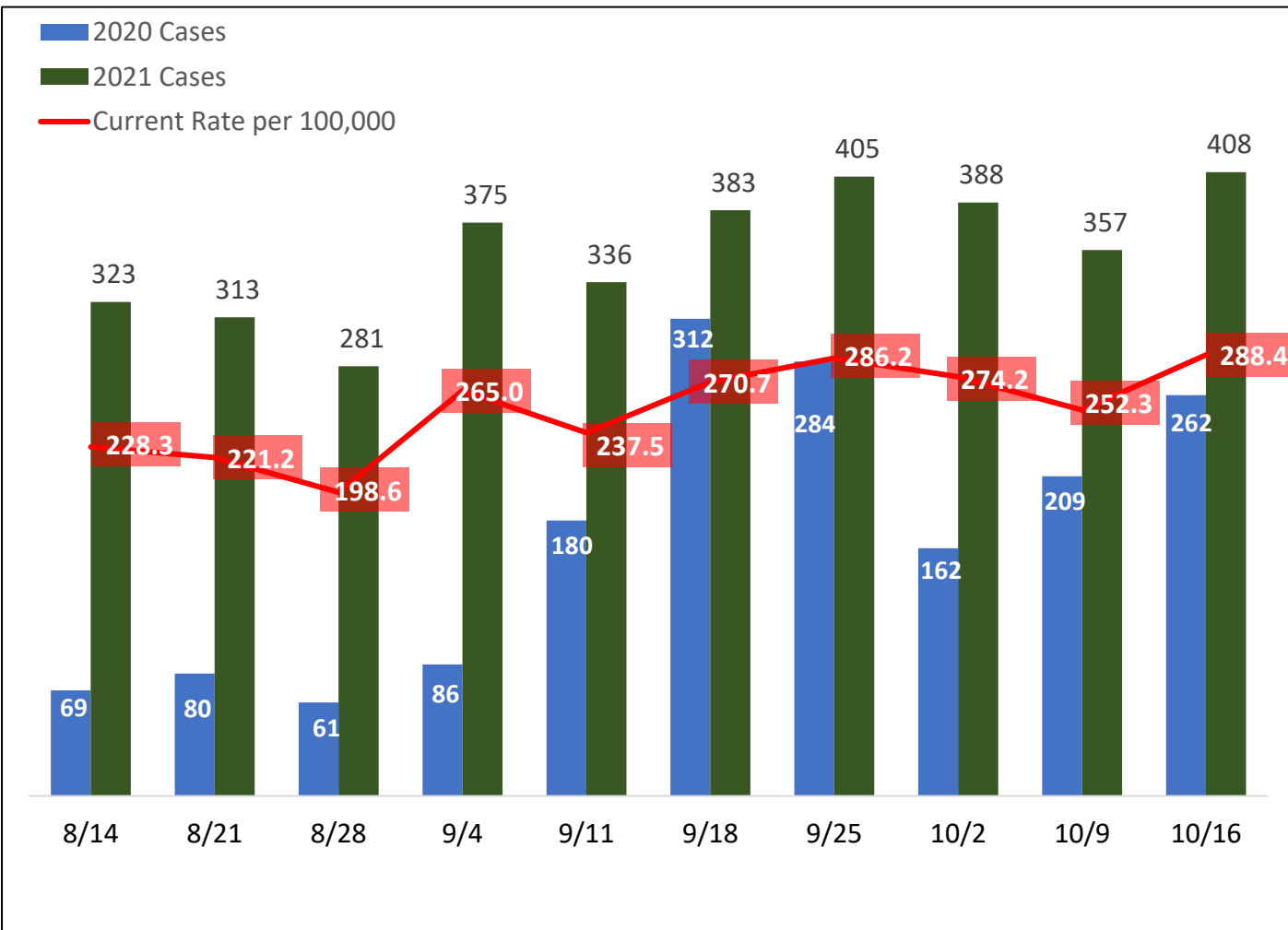
\*\* CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

## Cumulative Counts (March 15, 2020 – October 16, 2021):

22,335 Positive Cases	331,673 Total Tests	109,363 People Tested	11.2% Positivity Yield
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**15,785.7 cases per 100,000 Coconino County Residents**  
**vs.**  
**15,852.3 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



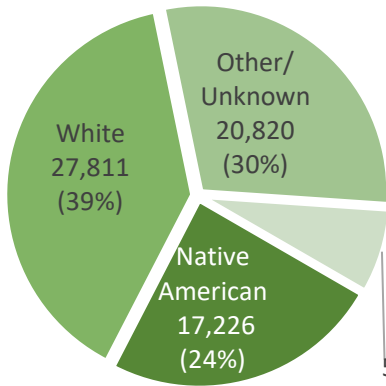
\*Cases reported from 3/15/20-10/16/21

# COVID-19 Situation Summary\*

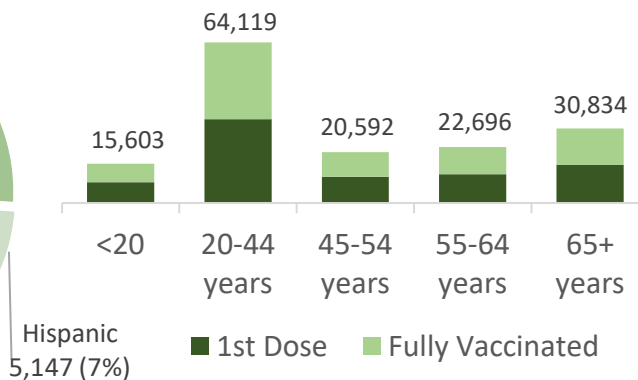
Please visit Vaccine Administration at [azdhs.gov](http://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

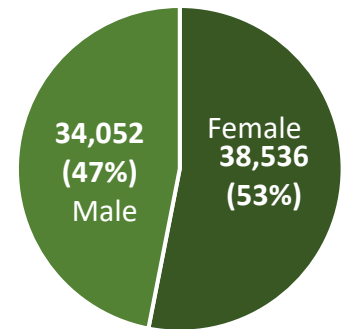
### Fully Vaccinated by Race\*\*



### Vaccinations by Age

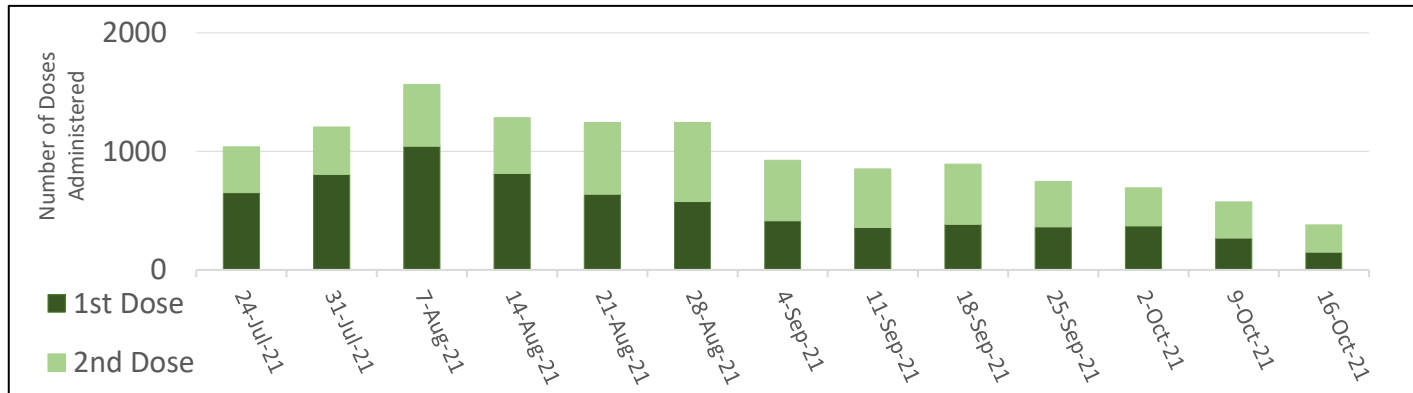


### Fully Vaccinated by Sex



\*\*The following races account for less than 1% of total vaccinations: Asian or Pacific Islander (1,134) and Black or African American (539).

## Weekly Vaccine Counts Among Coconino County Residents:



## Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Flagstaff	50,367	46,451	54,241
86001/ 86005	28,351	26,149	58,934
86004	21,067	19,451	61,757
86011	949	851	8,709

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Page	5,657	5,530	81,121
Tribal Communities	15,495	14,338	69,009
Williams	2,553	2,339	46,677
Grand Canyon	1,692	1,565	72,120
Other Areas	2,670	2,454	43,588

<sup>†</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

# COVID-19 Situation Summary\*

## Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>†</sup>
Flagstaff	13,791	14,446	9.4%	46,451	54.2%
Page	1,440	19,121	16.9%	5,530	81.1%
Tribal Communities	5,283	21,459	15.1%	14,338	69.0%
Williams	811	14,241	15.5%	2,339	46.7%
Grand Canyon	254	10,008	14.1%	1,565	72.1%
Other Areas	756	13,397	12.6%	2,454	43.6%

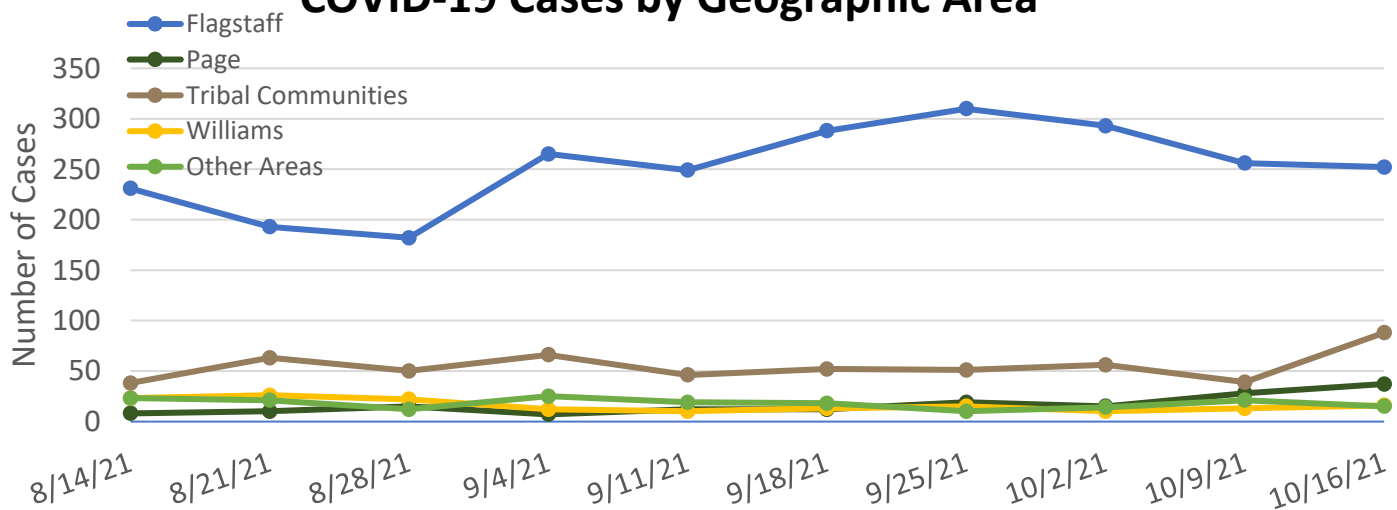
<sup>†</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

### Key Take Away

- **Tribal Communities** experienced the largest **increase in cases** from the previous week with an **126% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

## COVID-19 Cases by Geographic Area



\*Cases reported from 3/15/20-10/16/21

## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>‡</sup>
<20 years	5,024	12,311	11.5%	7,337	33.7%
20-44 years	10,818	20,725	11.5%	30,324	58.1%
45-54 years	2,460	16,747	12.4%	9,784	66.6%
55-64 years	2,159	13,011	10.8%	10,797	65.1%
65+ years	1,874	11,035	9.1%	14,435	85.0%

<sup>‡</sup>Population estimates include residents aged 12 and older.

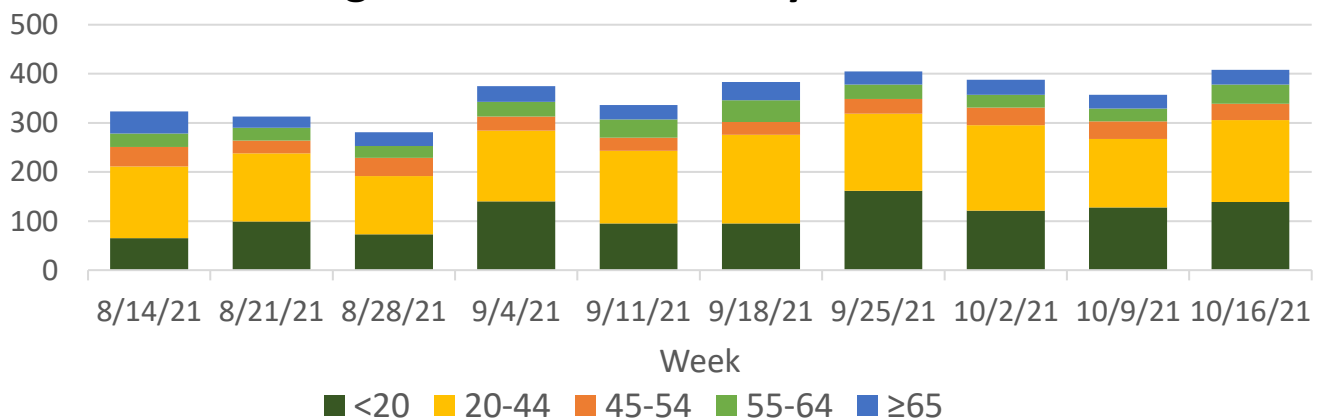
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

### The median age of Coconino County COVID-19 cases is 30 years old

#### Key Take Away

- The highest **case incidence** for week 41 was observed among residents aged <20 and 20-44 with an incidence of 341 and 320 per 100,000, respectively.
- The highest **positivity yield** for week 41 was observed among residents aged 55-64 and 65+ with a positivity yield of 9.8% and 9.5%, respectively.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

### Age of Positive Cases by Week



\*Cases reported from 3/15/20-10/16/21

## Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Native American	8,026	22,052	17,226	52.0%
White	7,943	10,402	27,811	37.3%
Hispanic	3,505	17,586	5,147	28.9%
Black or African American	286	18,147	539	25.2%
Asian/ Pacific Island	282	9,816	1,134	36.8%
Other/ Unknown	2,293	N/A	20,820	N/A

<sup>‡</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

### Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

## Sex:

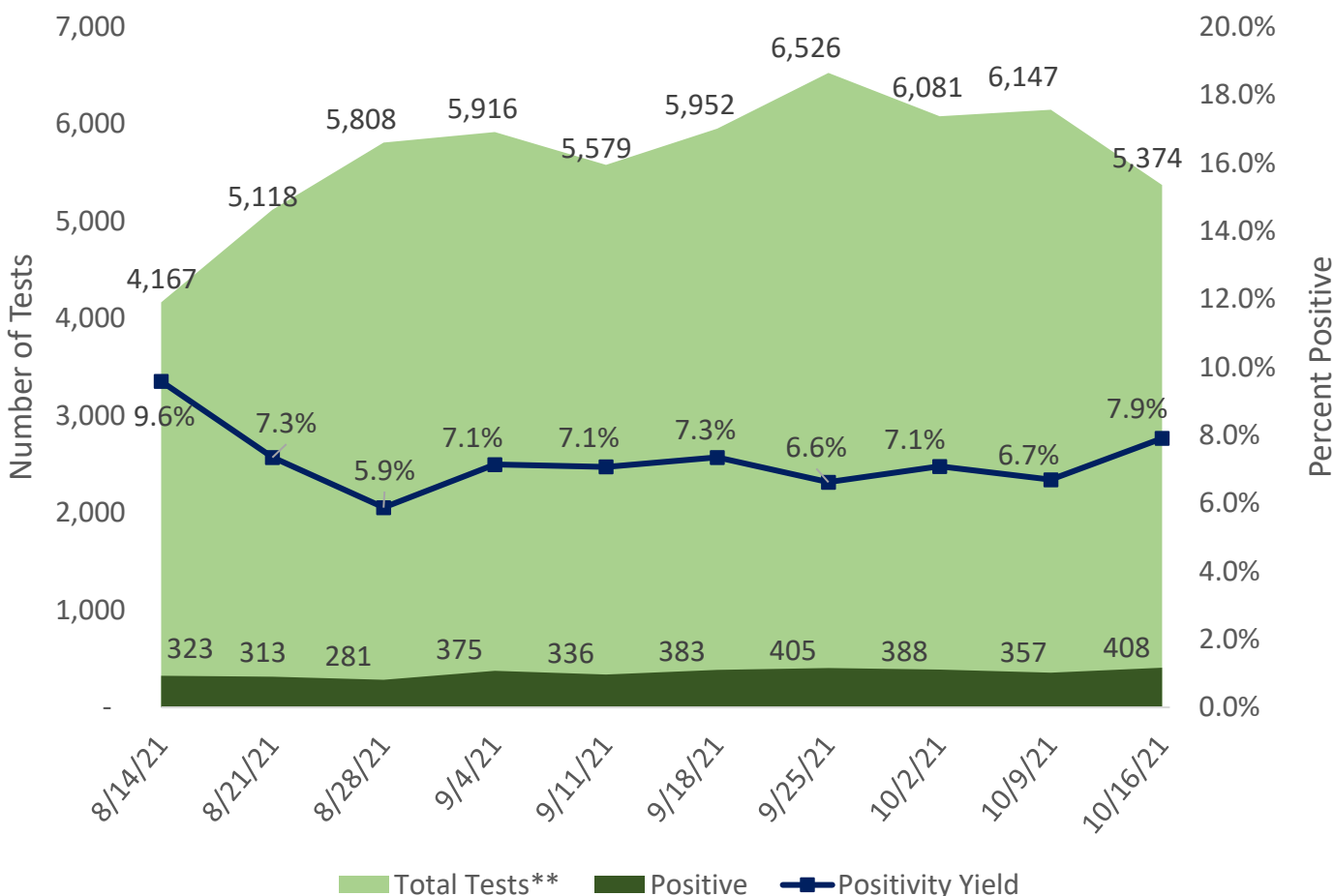
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Female	11,410	15,961	10.3%	38,536	61.8%
Male	10,881	15,591	12.3%	34,052	56.9%

<sup>‡</sup> Population Estimates include residents aged 12 and older

### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 27% more tests than male residents.
- Male residents have higher testing positivity yields.

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

\*\*Data was changed to display total tests per week rather than number of people tested per week.

### COVID-19 Diagnostic Testing:

**People Tested:** A total of 109,363 Coconino County residents have been tested.

**Tests Conducted:** A total of 331,673 have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 9,385**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 91 (As of 10/16/2021)**
- **Total individuals monitored to date: 9,274**

\*Cases reported from 3/15/20-10/16/21



## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

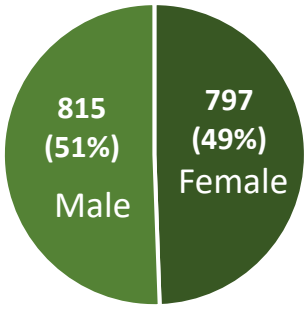
**Percentage of Cases**  
7.2%

**Hospitalized**  
1,612

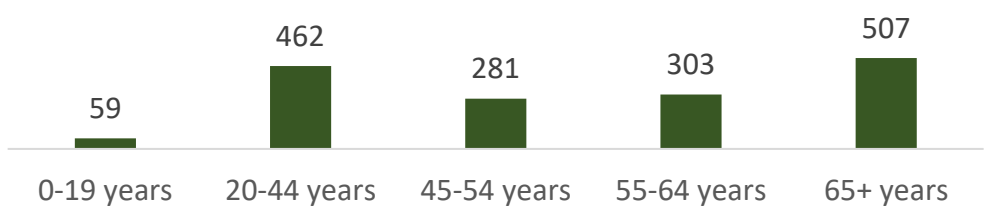
**Hospitalizations Per 100,000**  
1,139

15% of hospitalized residents were in the ICU and 6% were intubated.

### Sex

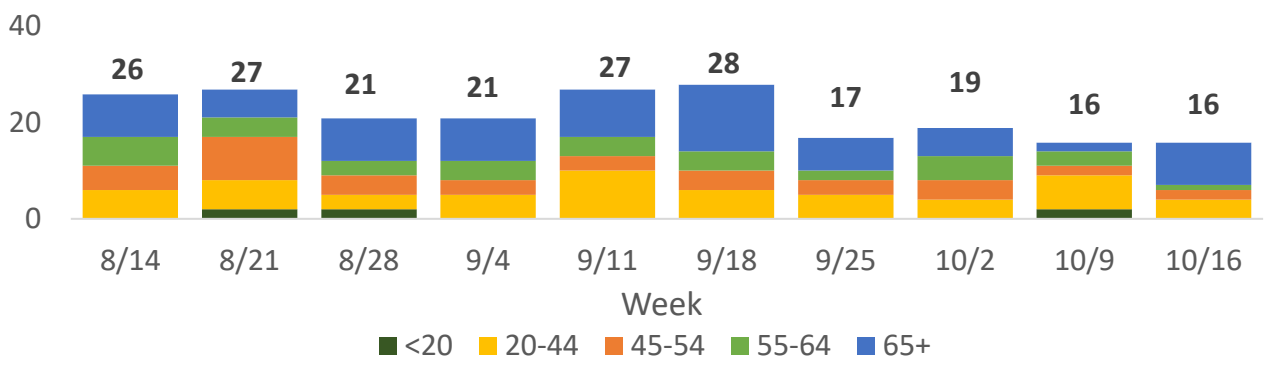


### Hospitalized Coconino COVID-19 Patients by Age

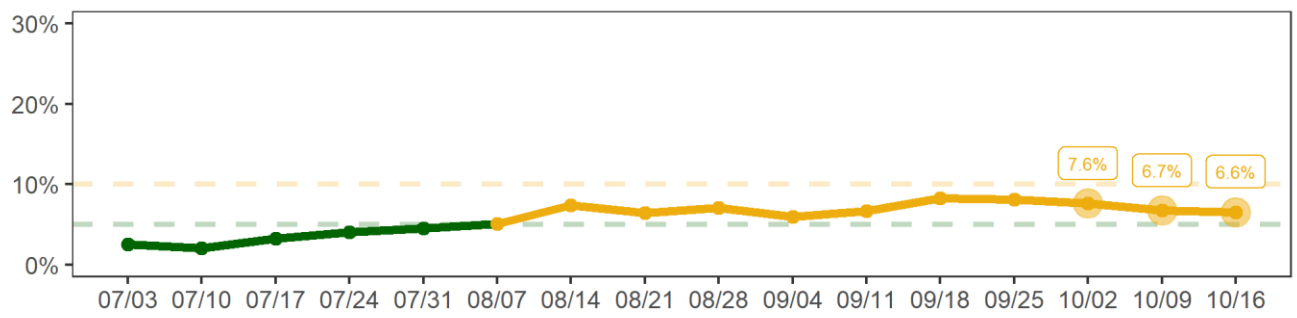


## Weekly Case Counts Among Coconino County Residents:

### Hospitalized Coconino COVID-19 Patients by Age



## Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-10/16/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

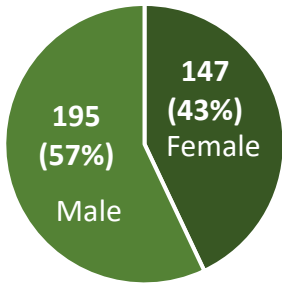
## COVID-19 Related Deaths:

Percentage of Cases  
1.5%

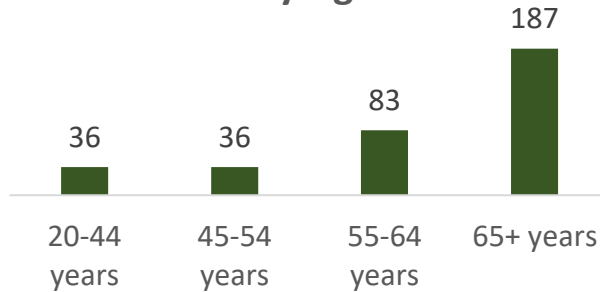
Deaths  
342

Fatalities Per 100,000  
241.7

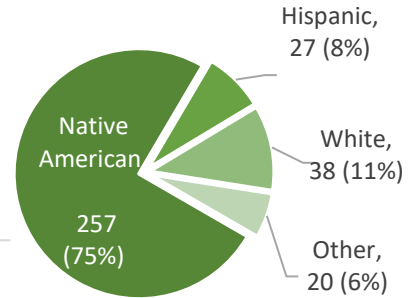
### Sex



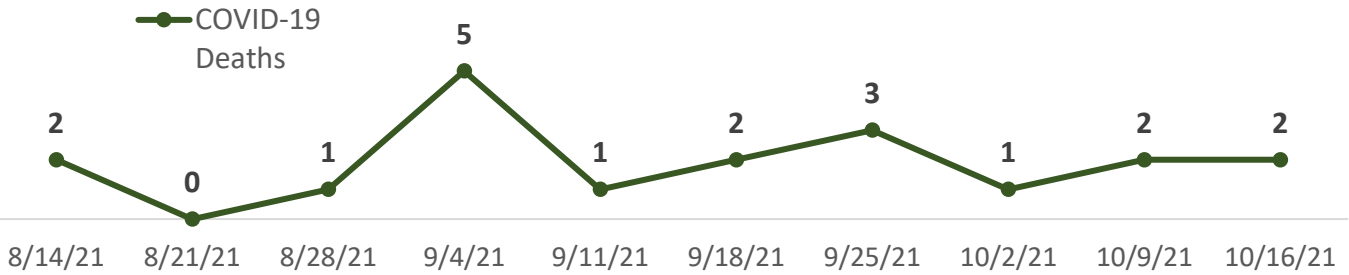
### Coconino COVID-19 Deaths by Age



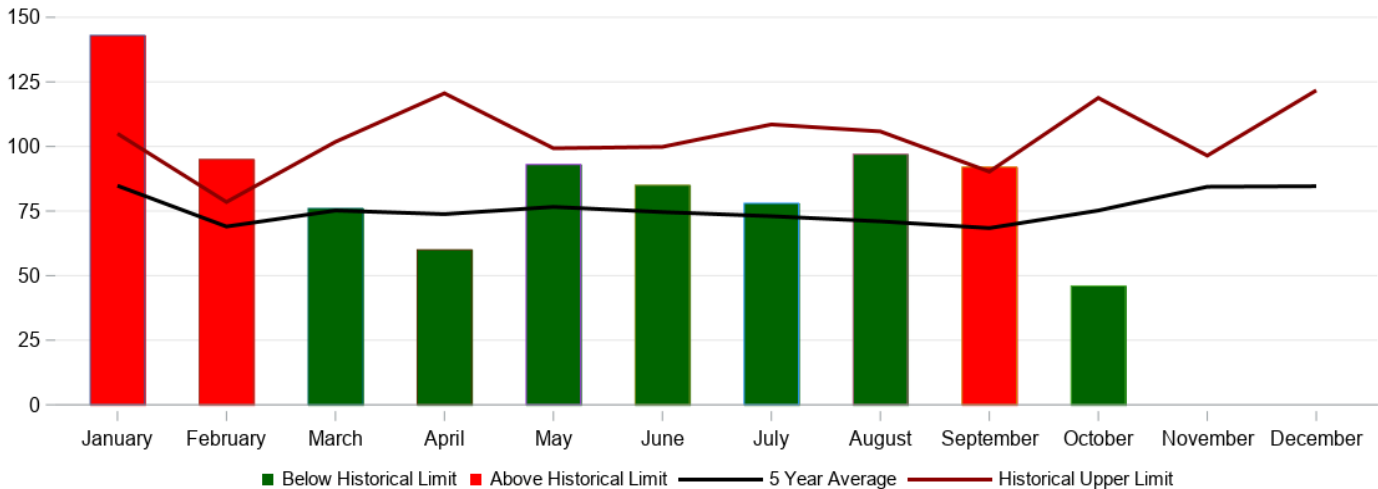
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2021 All Deaths Aberration



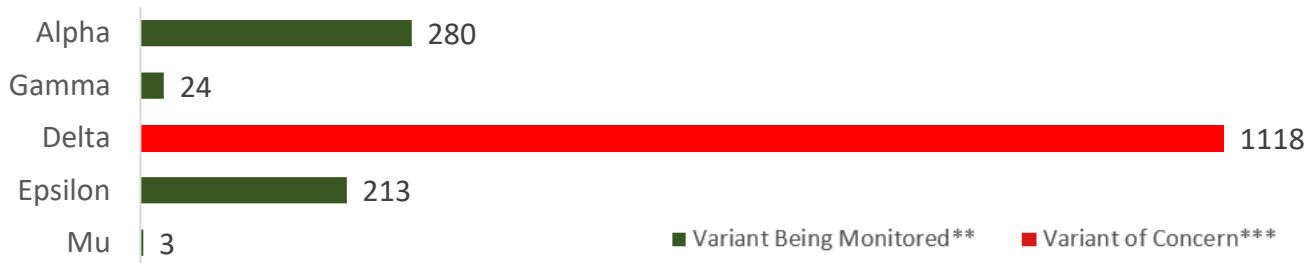
\*Cases reported from 3/15/20-10/16/21

# COVID-19 Situation Summary\*

\*Cases reported from 3/15/20-10/16/21

## COVID-19 Variants:

Total Variants Being Monitored\*\* and Variants of Concern\*\*\*



\*\*Variants Being Monitored include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

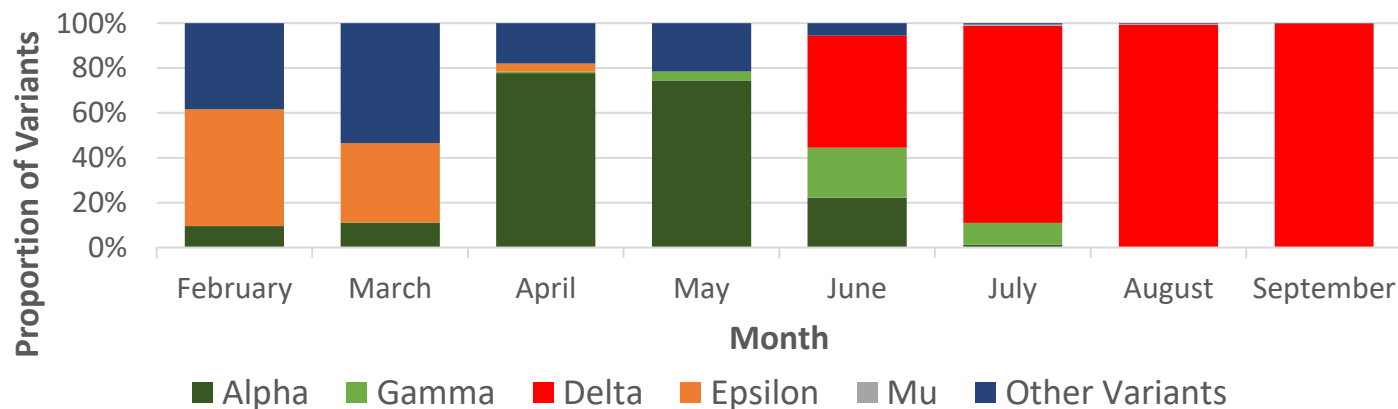
\*\*\* Variants of Concern include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions)

89% of identified variants of concern are among Flagstaff residents.

Variants Being Monitored and Variants of Concern by Month



2,627 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

## Vaccine Breakthrough<sup>‡</sup>:

**Total Vaccine Breakthrough Cases: 1,199** (5.4% of all cases)

**Vaccine Breakthrough Cases with Variant of Concern: 235** (20% of vaccine breakthrough cases)

<sup>‡</sup>Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. For more information regarding variant testing in Arizona, please visit the TGen website: [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://www.tgen.org/AZ-COVID-19-Sequencing-Dashboard)