

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 35 (8/29/2021- 9/04/2021)

COCONINO COUNTY  
*September 10, 2021*



# Situation Summary



MMWR Week 35 (8/29/2021-9/04/2021)

**A total of 20,109 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – September 04, 2021.**

**Deaths: 327** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 18,508**

(92% of cases)

**Hospitalizations: 1,487**

(7% of cases)

**Total Fully Vaccinated: 70,087**

(57.3% of the eligible population)

## Cases Reported Week 35 (August 29, 2021 - September 4, 2021):

**364  
Positive  
Cases**

**80%  
Not Fully  
Vaccinated**

**257.3  
Rate per  
100,000**

**7.1%  
Positivity  
Yield**

## Community Transmission

- Coconino County has a current incidence rate of **257.3 per 100,000**, percent positivity of **7.1%**, and **COVID-19-Like-Illness incidence (CLI)** of **4.6%\***.
- 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.

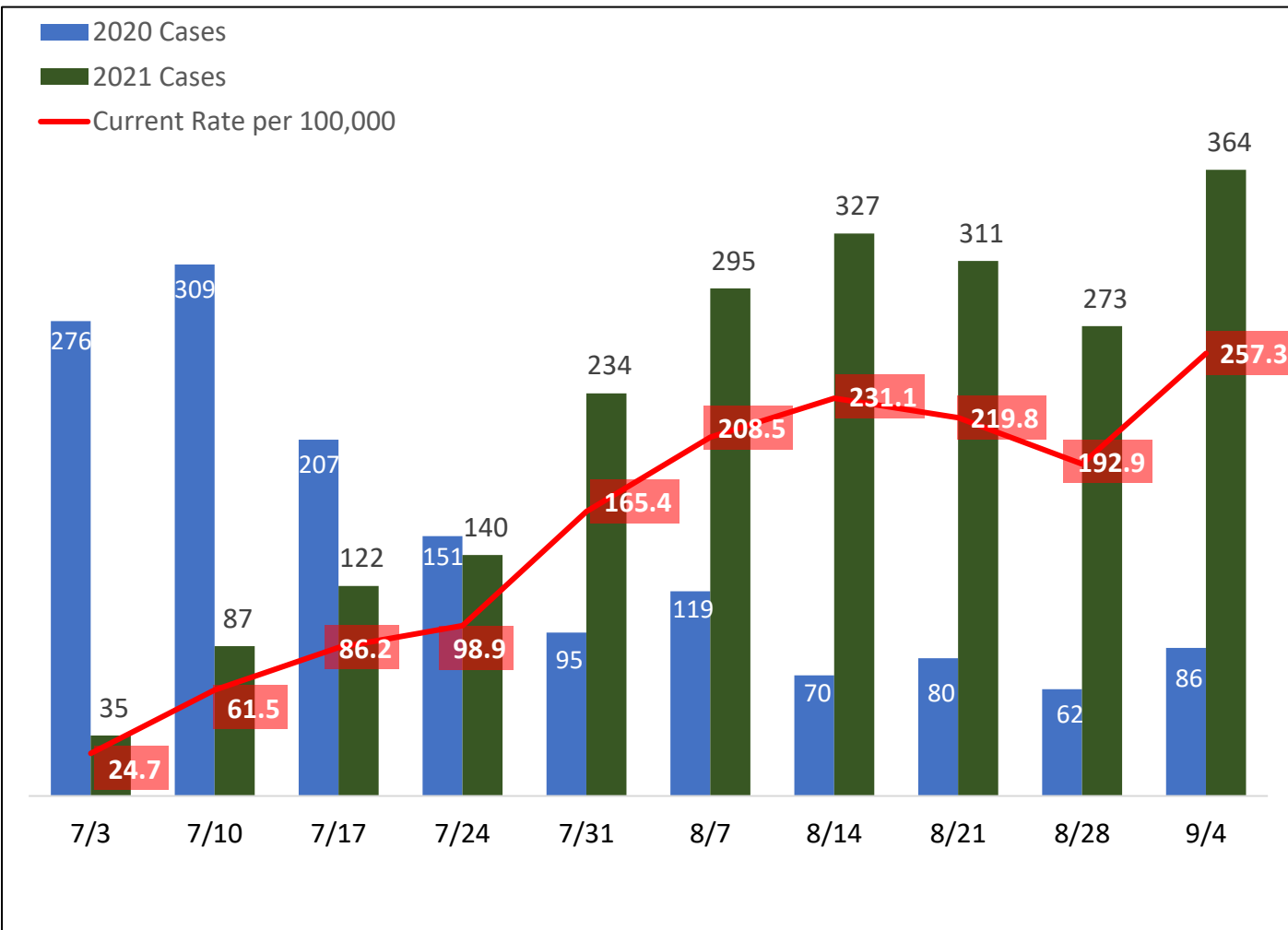
\*\* CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

## Cumulative Counts (March 15, 2020 – September 4, 2021):

<b>20,109</b> Positive Cases	<b>295,415</b> Total Tests	<b>101,268</b> People Tested	<b>11.2%</b> Positivity Yield
------------------------------------	----------------------------------	------------------------------------	-------------------------------------

**14,212.4 cases per 100,000 Coconino County Residents**  
**vs.**  
**14,424.9 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



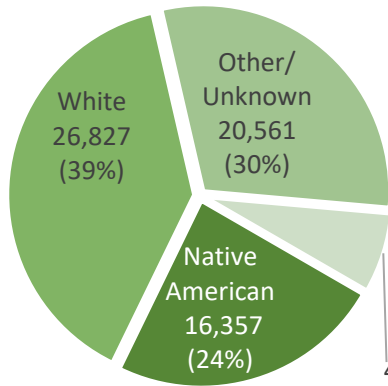
\*Cases reported from 3/15/20-9/04/21

# COVID-19 Situation Summary\*

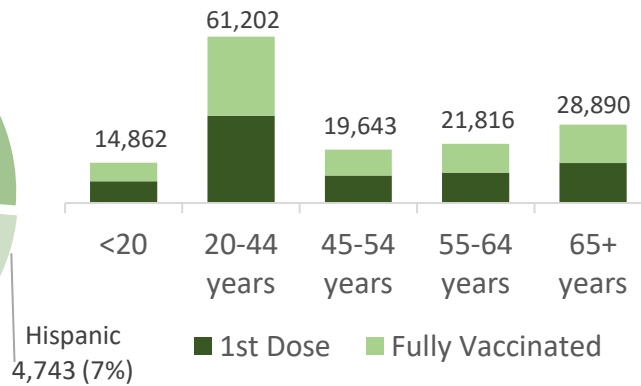
Please visit Vaccine Administration at [azdhs.gov](http://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

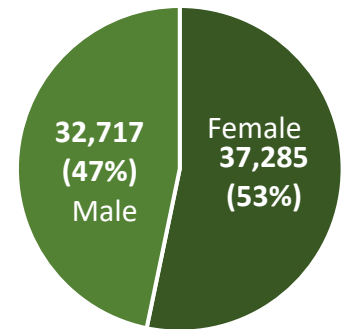
### Fully Vaccinated by Race\*\*



### Vaccinations by Age

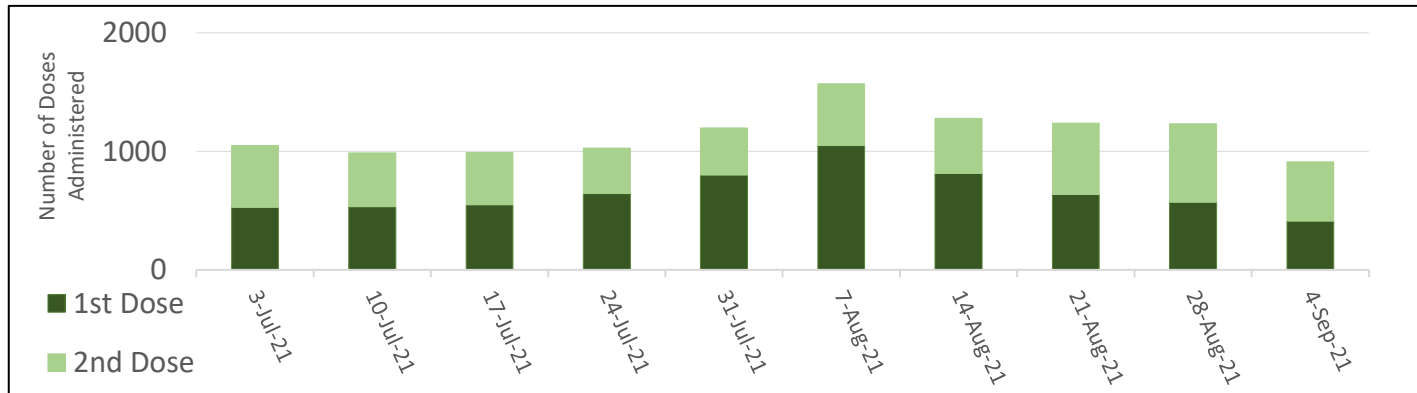


### Fully Vaccinated by Sex



\*\*The following races account for less than 1% of total vaccinations: Asian or Pacific Islander (1,091) and Black or African American (508).

## 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	49,068	44,893	52,422
86001/ 86005	27,734	25,414	57,277
86004	20,426	18,664	59,258
86011	908	815	8,340

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Page	5,488	5,235	76,793
Tribal Communities	15,073	13,837	66,598
Williams	2,474	2,226	44,422
Grand Canyon	1,653	1,536	70,783
Other Areas	2,570	2,360	41,918

<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:

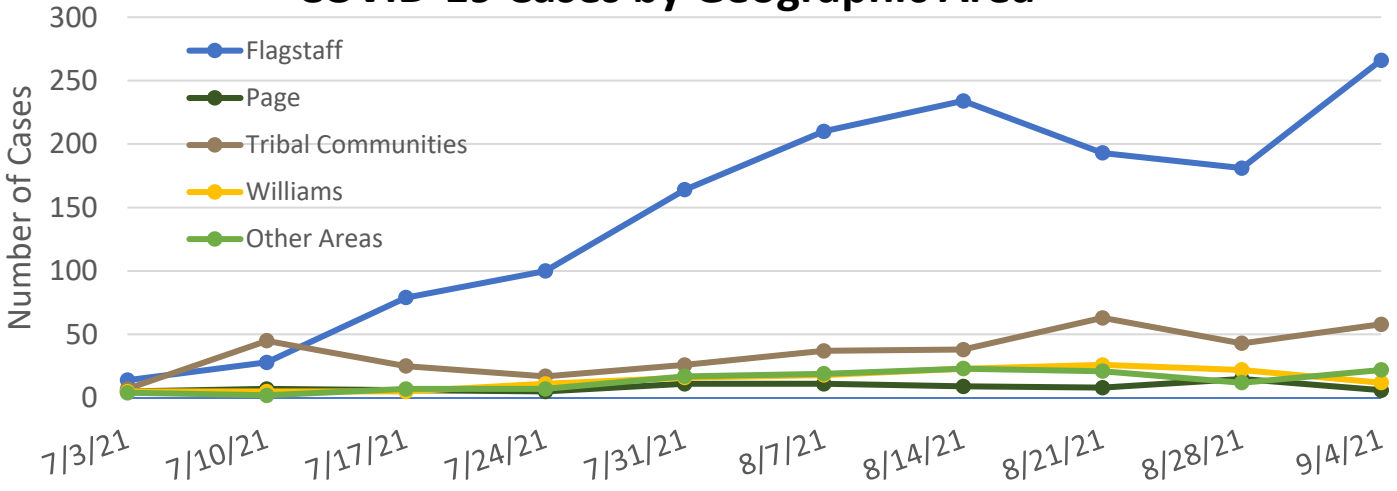
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>†</sup>
Flagstaff	12,176	12,755	9.2%	44,893	52.4%
Page	1,317	17,488	16.7%	5,235	76.8%
Tribal Communities	4,968	20,180	15.4%	13,837	66.6%
Williams	734	12,888	15.4%	2,226	44.4%
Grand Canyon	236	9,299	14.0%	1,536	70.8%
Other Areas	678	12,015	12.6%	2,360	41.9%

<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

- **Flagstaff** experienced the largest **increase in cases** from the previous week with an **47% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

### COVID-19 Cases by Geographic Area



\*Cases reported from 3/15/20-9/04/21

## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>†</sup>
<20 years	4,299	10,534	11.8%	6,878	31.6%
20-44 years	9,885	18,937	11.3%	29,010	55.6%
45-54 years	2,278	15,508	12.3%	9,488	64.6%
55-64 years	1,960	11,811	10.6%	10,581	63.8%
65+ years	1,687	9,933	9.1%	14,130	83.2%

<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.

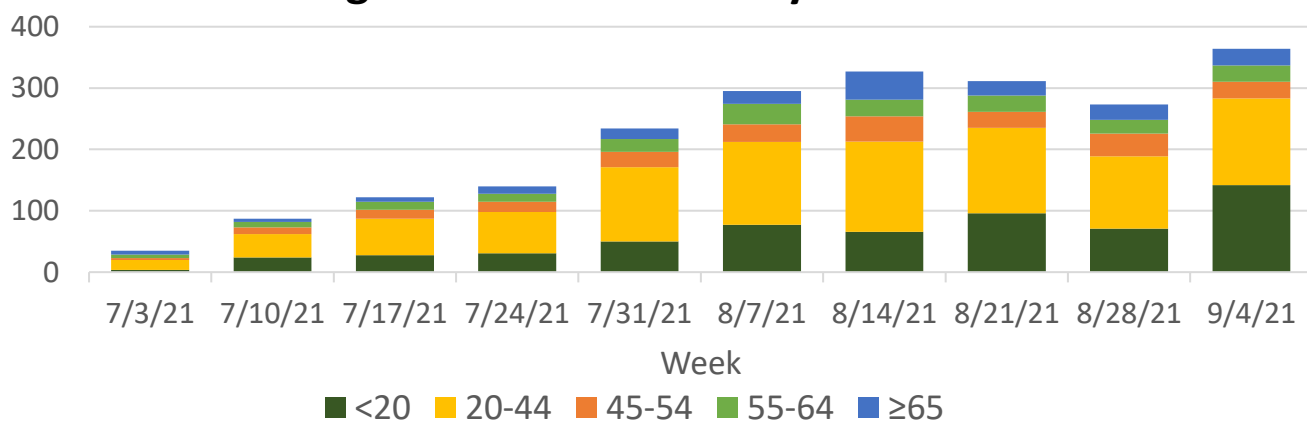
## The median age of Coconino County COVID-19 cases is 30 years old



### Key Take Away

- The highest **case incidence** for week 35 was observed among residents aged <20 and 20-44 with an incidence of 348 and 270 per 100,000, respectively
- The highest **positivity yield** for week 35 was observed among residents aged <20 with a positivity yield of 9.7%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

## Age of Positive Cases by Week



\*Cases reported from 3/15/20-9/4/21

## Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Native American	7,435	20,429	16,357	49.4%
White	6,968	9,125	26,827	36.0%
Hispanic	3,212	16,116	4,743	26.7%
Black or African American	266	16,878	508	23.8%
Asian/ Pacific Island	230	8,006	1,091	35.4%
Other/ Unknown	1,998	N/A	20,561	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:

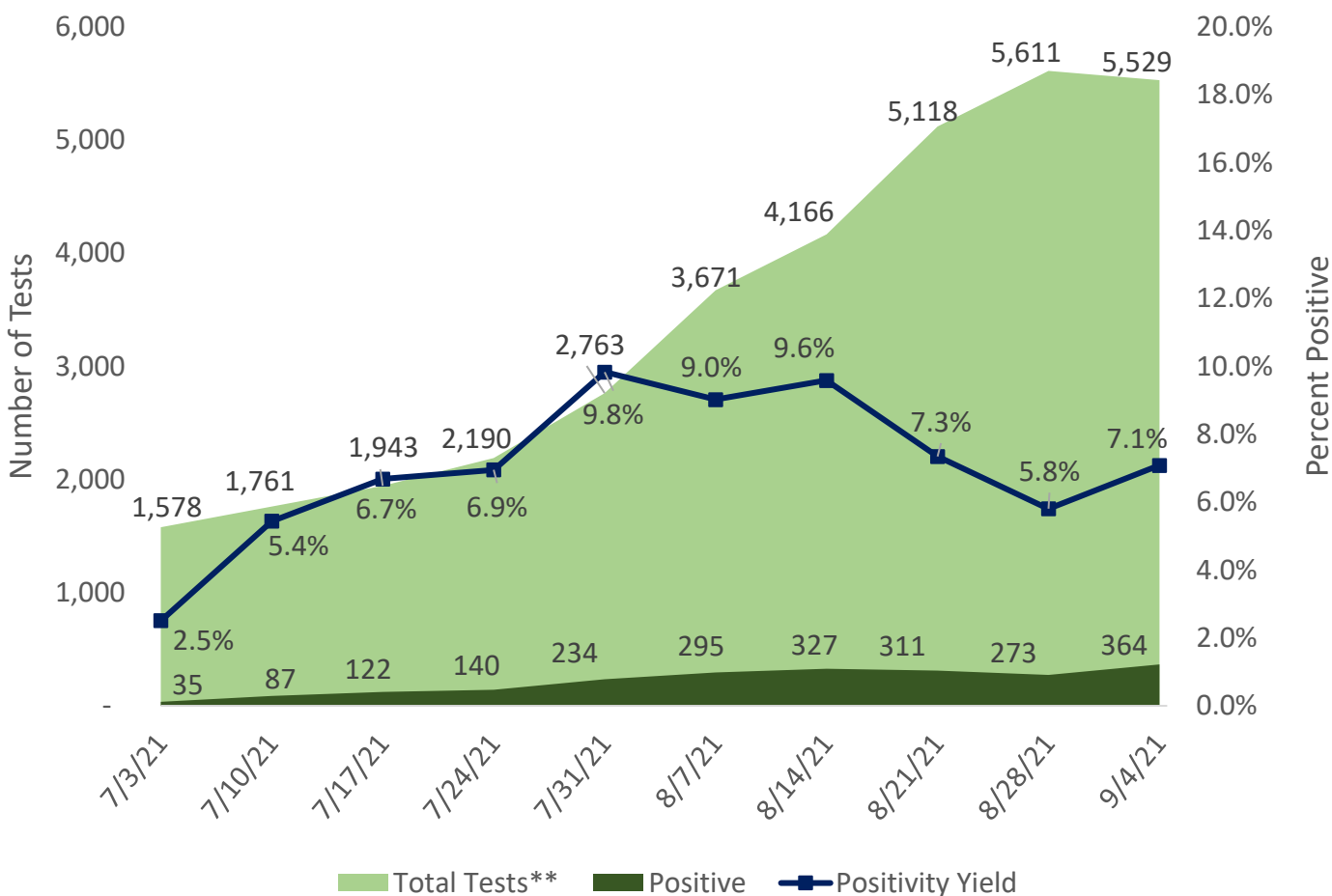
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Female	10,223	14,301	10.2%	37,285	59.8%
Male	9,844	14,105	12.2%	32,717	54.6%

<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 25% 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 101,268 Coconino County residents have been tested.

**Tests Conducted:** A total of 295,415 have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 8,645**

**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: 165 (As of 9/04/2021)**
- **Total individuals monitored to date: 8,483**

\*Cases reported from 3/15/20-9/04/21



## Hospitalizations

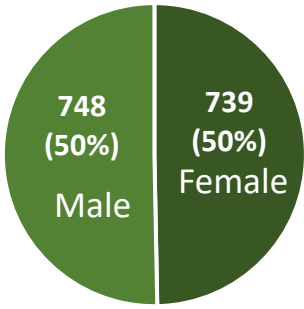
(not all hospitals are currently reporting hospitalization data to Coconino County):

**Percentage of Cases**  
7%

**Hospitalized**  
1,487

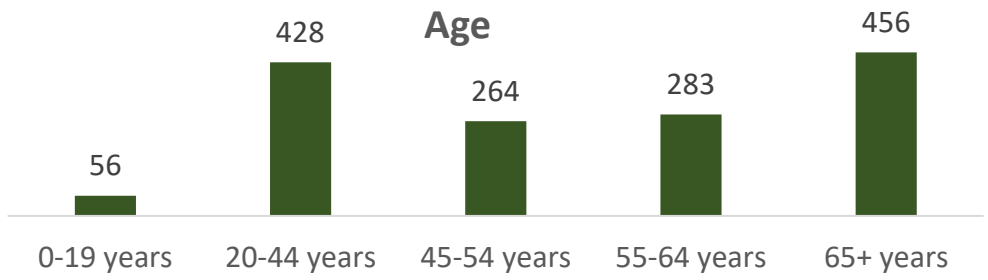
**Hospitalizations Per 100,000**  
1,051.0

### Sex



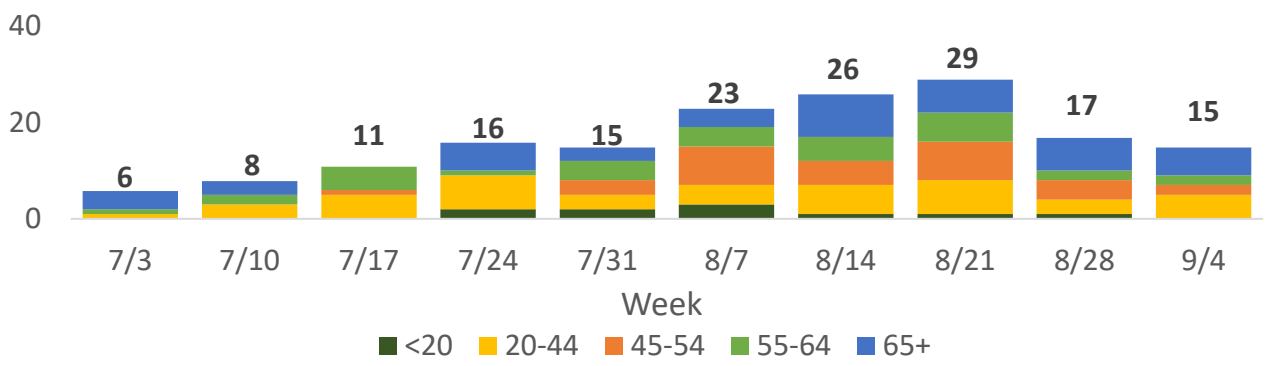
16% of hospitalized residents were in the ICU and 7% were intubated.

### Hospitalized Coconino COVID-19 Patients by Age

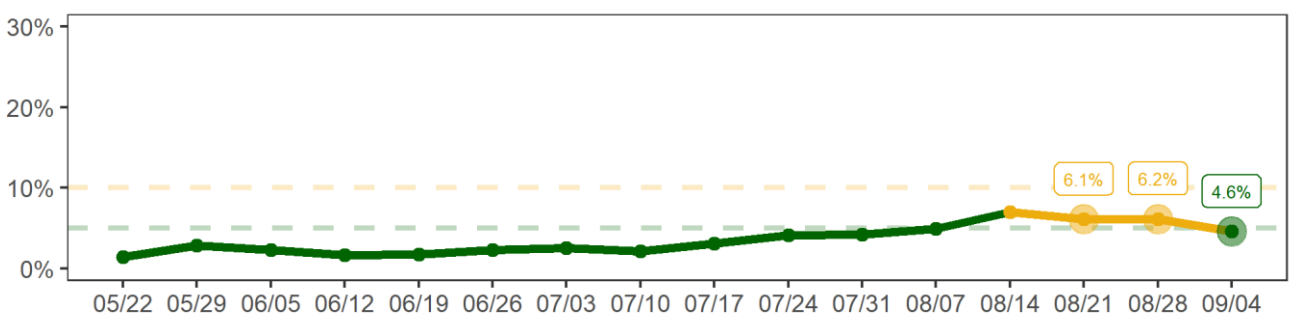


## Weekly Case Counts Among Coconino County Residents:

### Hospitalized Coconino COVID-19 Patients by Age



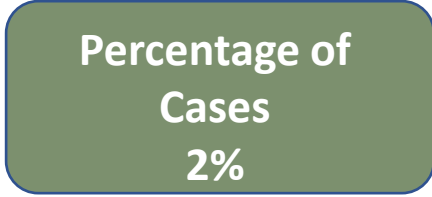
## Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



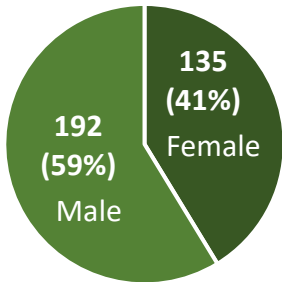
\*Cases reported from 3/15/20-9/04/21

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

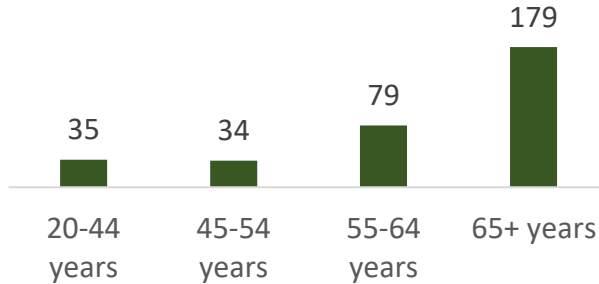
## COVID-19 Related Deaths:



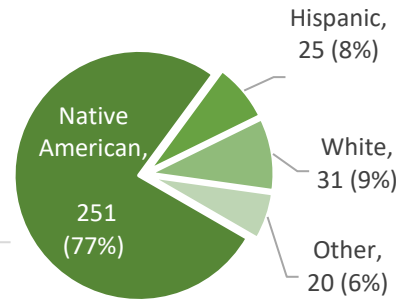
### Sex



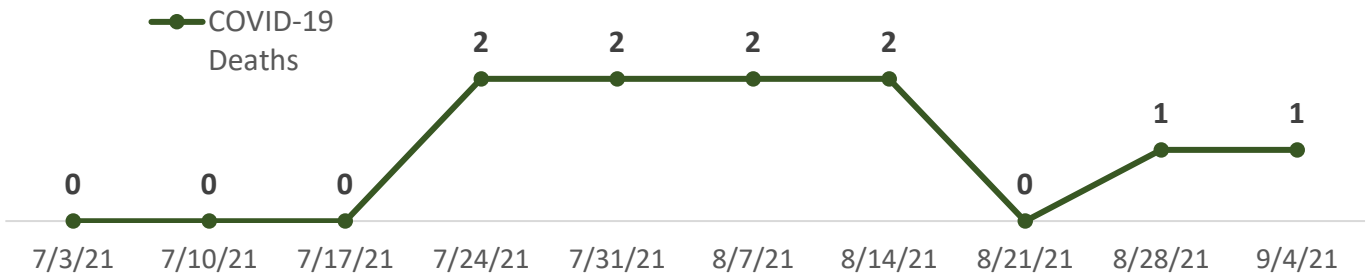
### Coconino COVID-19 Deaths by Age



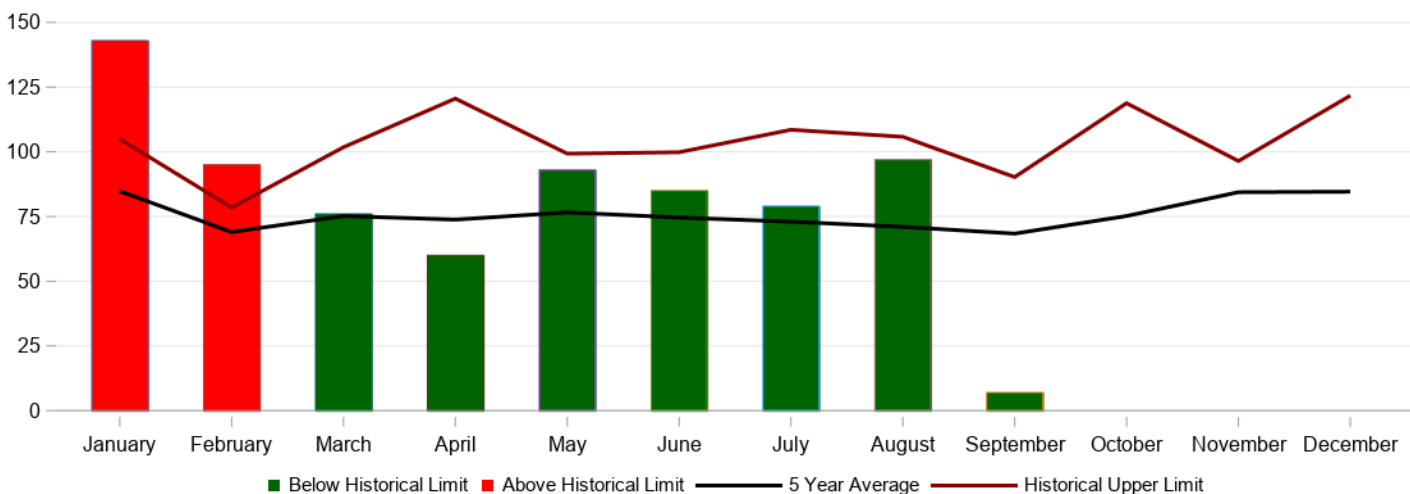
### Race



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



## 2021 All Deaths Aberration



\*Cases reported from 3/15/20-9/4/21

## COVID-19 Variants:

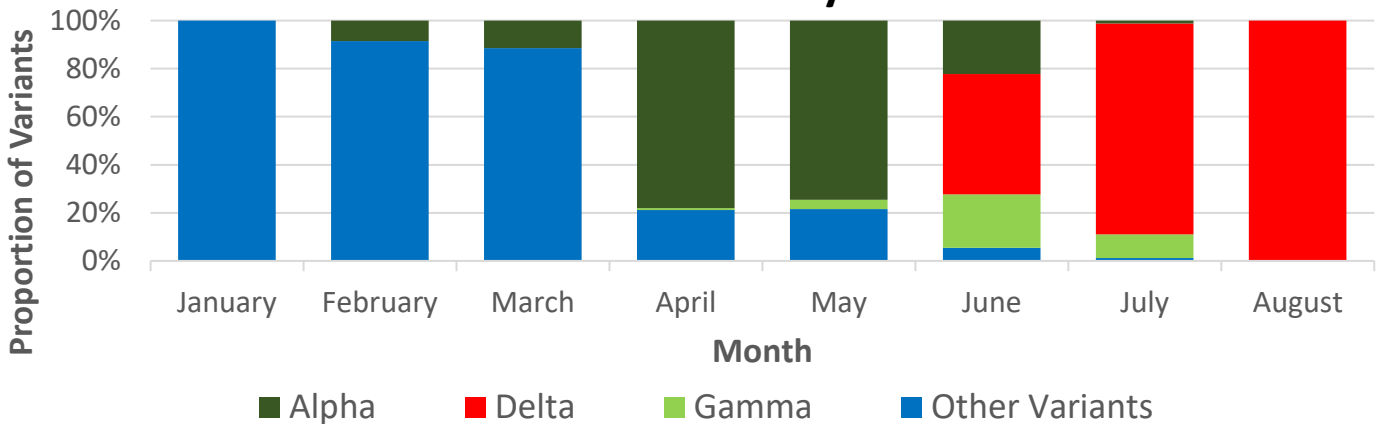
### Coconino County Total Variants of Concern\*\*



\*\*A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.

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

### Variants of Concern by Month



**1,767 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.**

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)

For more information regarding variant testing in Arizona, please visit the TGen website:

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/az-covid-19-sequencing-dashboard)

## Vaccine Breakthrough\*\*\*:

**Total Vaccine Breakthrough Cases: 577**

(2.9% of all cases)

**Vaccine Breakthrough Cases with Variant of Concern: 93**

(16% of vaccine breakthrough cases)

\*\*\*Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.

\*Cases reported from 3/15/20-9/4/21