

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 37 (9/12/2021- 9/18/2021)

COCONINO COUNTY
September 24, 2021

Situation Summary



MMWR Week 37 (9/12/2021-9/18/2021)

A total of 20,807 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – September 18, 2021.

Deaths: 330 (1.6% of cases)

Probable Deaths: 5

Recovered Cases: 19,108

(92% of cases)

Hospitalizations: 1,540

(7.4% of cases)

Total Fully Vaccinated: 71,226

(58.3% of the eligible population)

Cases Reported Week 37 (September 12, 2021 - September 18, 2021):

373
Positive
Cases

75%
Not Fully
Vaccinated

263.6
Rate per
100,000

7.4%
Positivity
Yield

Community Transmission

- Coconino County has a current incidence rate of **263.6 per 100,000**, percent positivity of **7.4%**, and **COVID-19-Like-Illness incidence (CLI) of 7.4%***.
- 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.

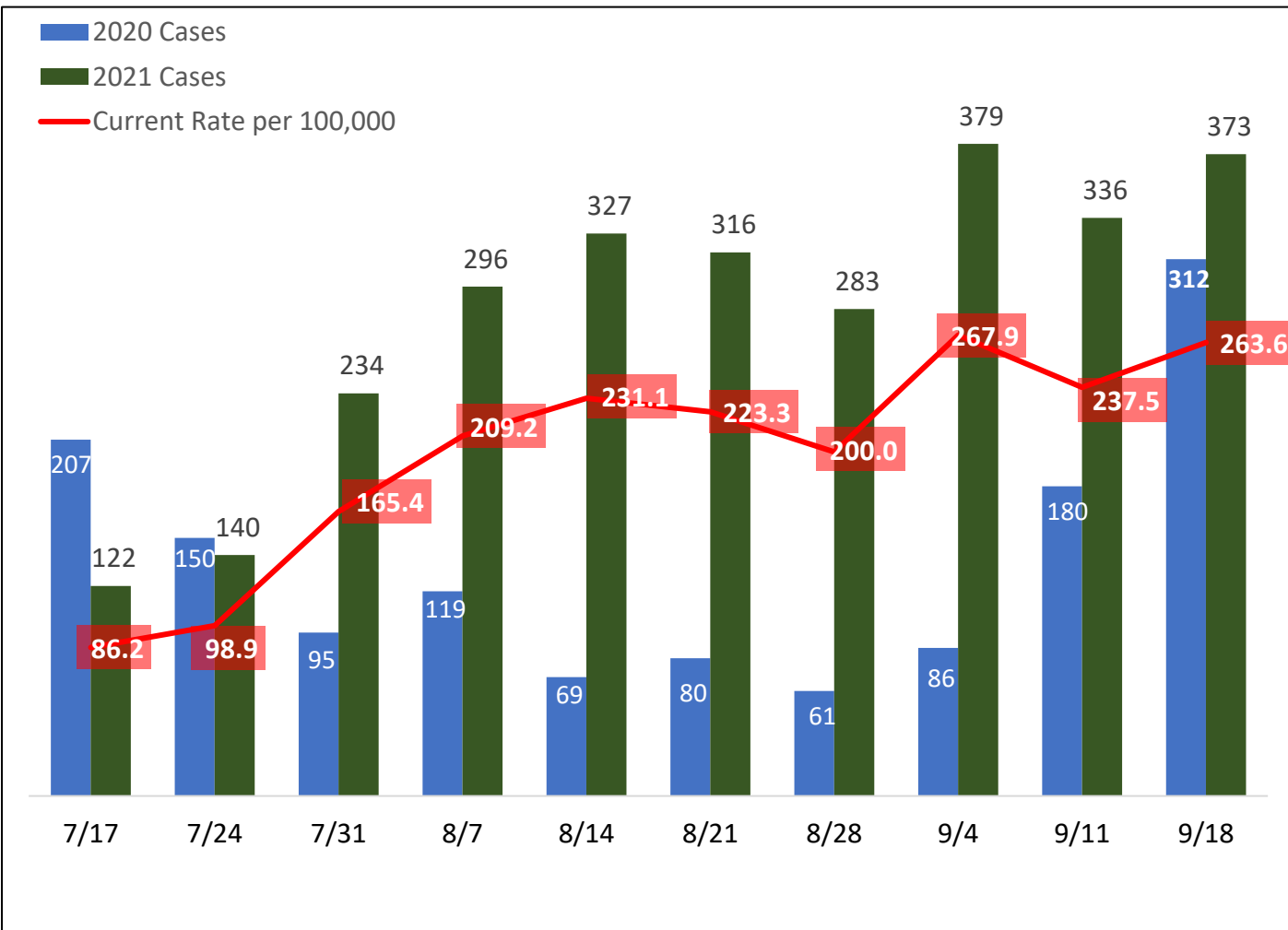
** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

Cumulative Counts (March 15, 2020 – September 18, 2021):

20,807 Positive Cases	307,431 Total Tests	104,114 People Tested	11.2% Positivity Yield
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14,705.7 cases per 100,000 Coconino County Residents
vs.
14,923.6 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



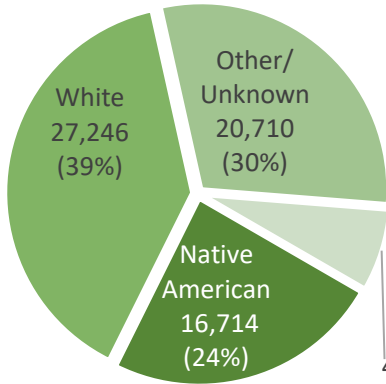
*Cases reported from 3/15/20-9/18/21

COVID-19 Situation Summary*

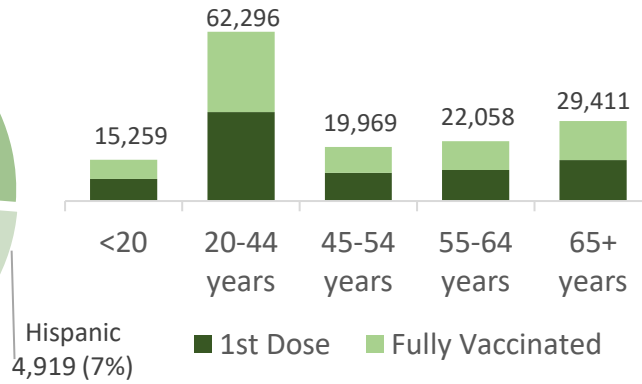
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

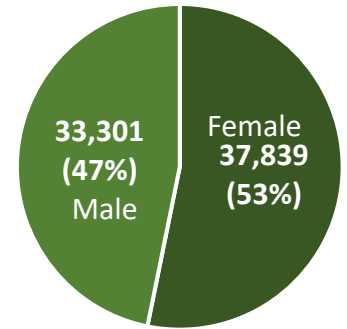
Fully Vaccinated by Race**



Vaccinations by Age

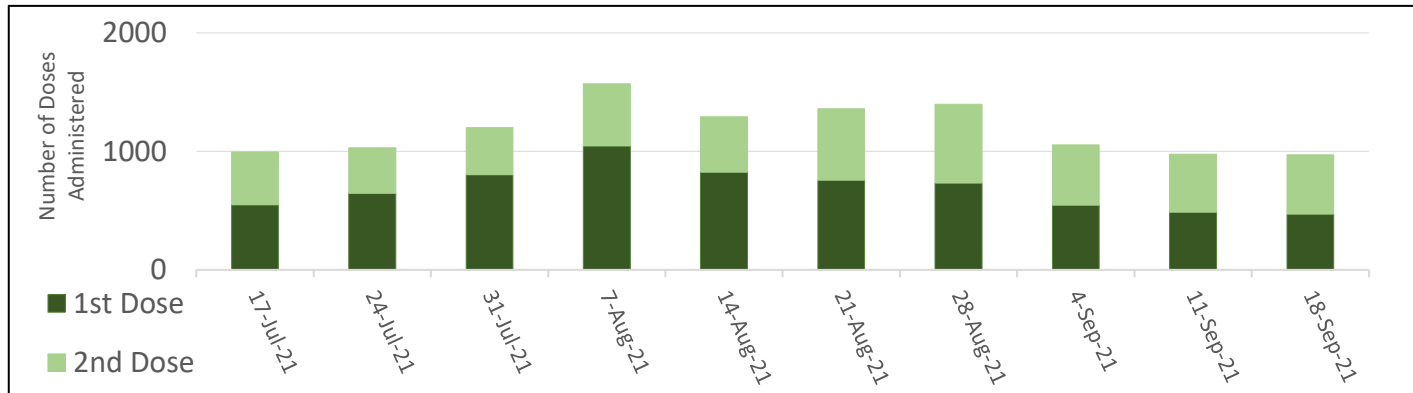


Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations: Asian or Pacific Islander (1,114) and Black or African American (523).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	50,018	45,557	53,197
86001/ 86005	28,274	25,737	58,005
86004	20,814	18,996	60,312
86011	930	824	8,432

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	5,593	5,395	79,140
Tribal Communities	15,331	14,041	67,580
Williams	2,513	2,282	45,540
Grand Canyon	1,679	1,552	71,521
Other Areas	2,633	2,399	42,611

[†]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:

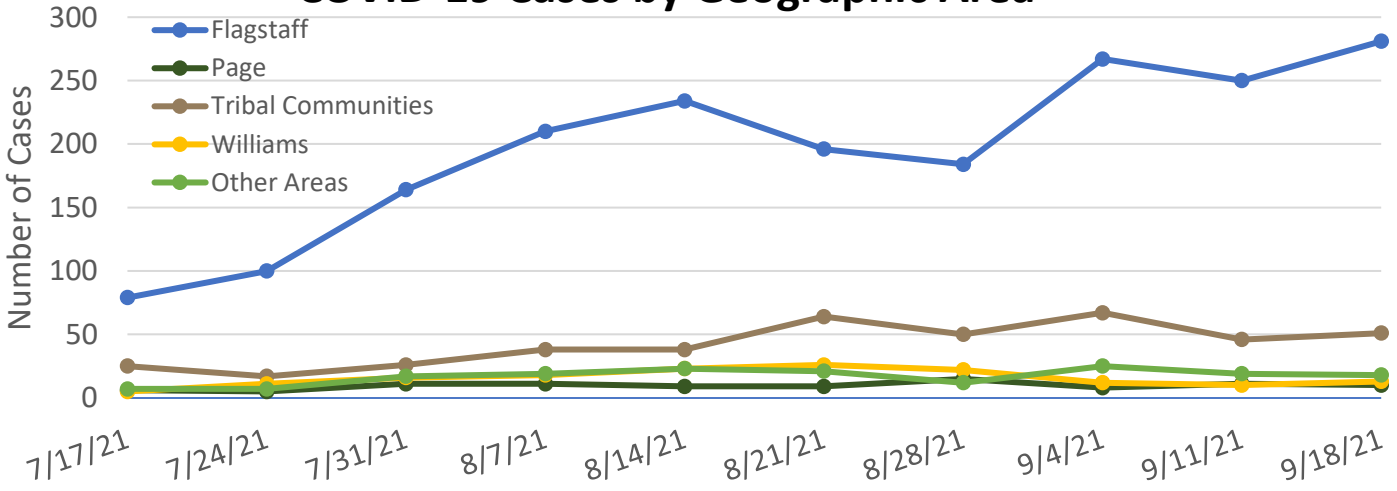
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	12,686	13,289	9.3%	45,557	53.2%
Page	1,340	17,793	16.6%	5,395	79.1%
Tribal Communities	5,072	20,602	15.2%	14,041	67.6%
Williams	757	13,292	15.2%	2,282	45.5%
Grand Canyon	242	9,535	14.1%	1,552	71.5%
Other Areas	710	12,582	12.8%	2,399	42.6%

[†]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 zip code 86011** experienced the largest increase in cases from the previous week with an **85% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 3/15/20-9/18/21

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
<20 years	4,485	10,990	11.6%	7,125	32.7%
20-44 years	10,191	19,523	11.4%	29,547	56.6%
45-54 years	2,330	15,862	12.4%	9,628	65.5%
55-64 years	2,041	12,300	10.8%	10,665	64.3%
65+ years	1,760	10,363	9.2%	14,261	84.0%

[†]Population estimates include residents aged 12 and older.

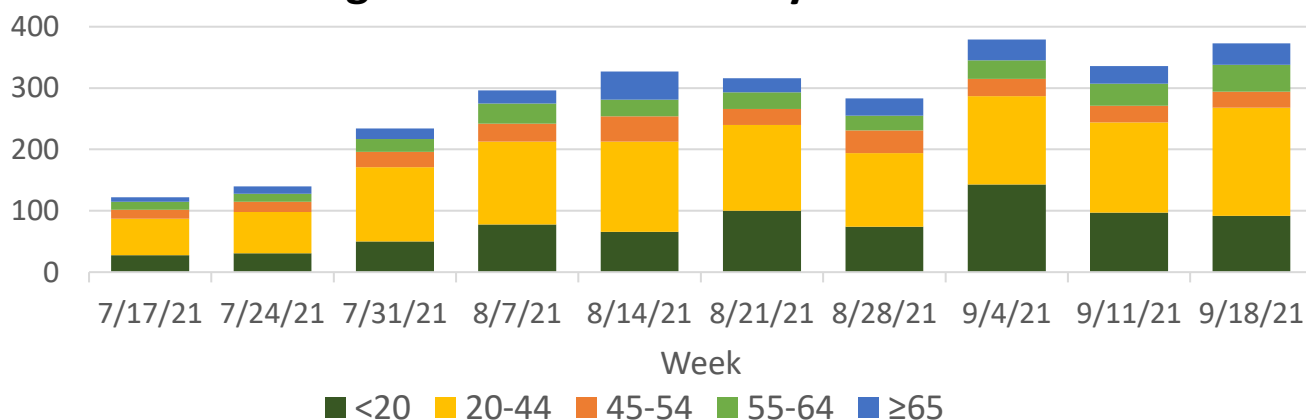
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

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

Key Take Away

- The highest **case incidence** for week 37 was observed among residents aged 20-44 with an incidence of 337 per 100,000.
- The highest **positivity yield** for week 37 was observed among residents aged 55-64 with a positivity yield of 9.4%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



*Cases reported from 3/15/20-9/18/21

Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	7,659	21,044	16,714	50.5%
White	7,320	9,586	27,246	36.5%
Hispanic	3,308	16,597	4,919	27.6%
Black or African American	269	17,069	523	24.5%
Asian/ Pacific Island	241	8,388	1,114	36.2%
Other/ Unknown	2,010	N/A	20,710	N/A

[‡]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:

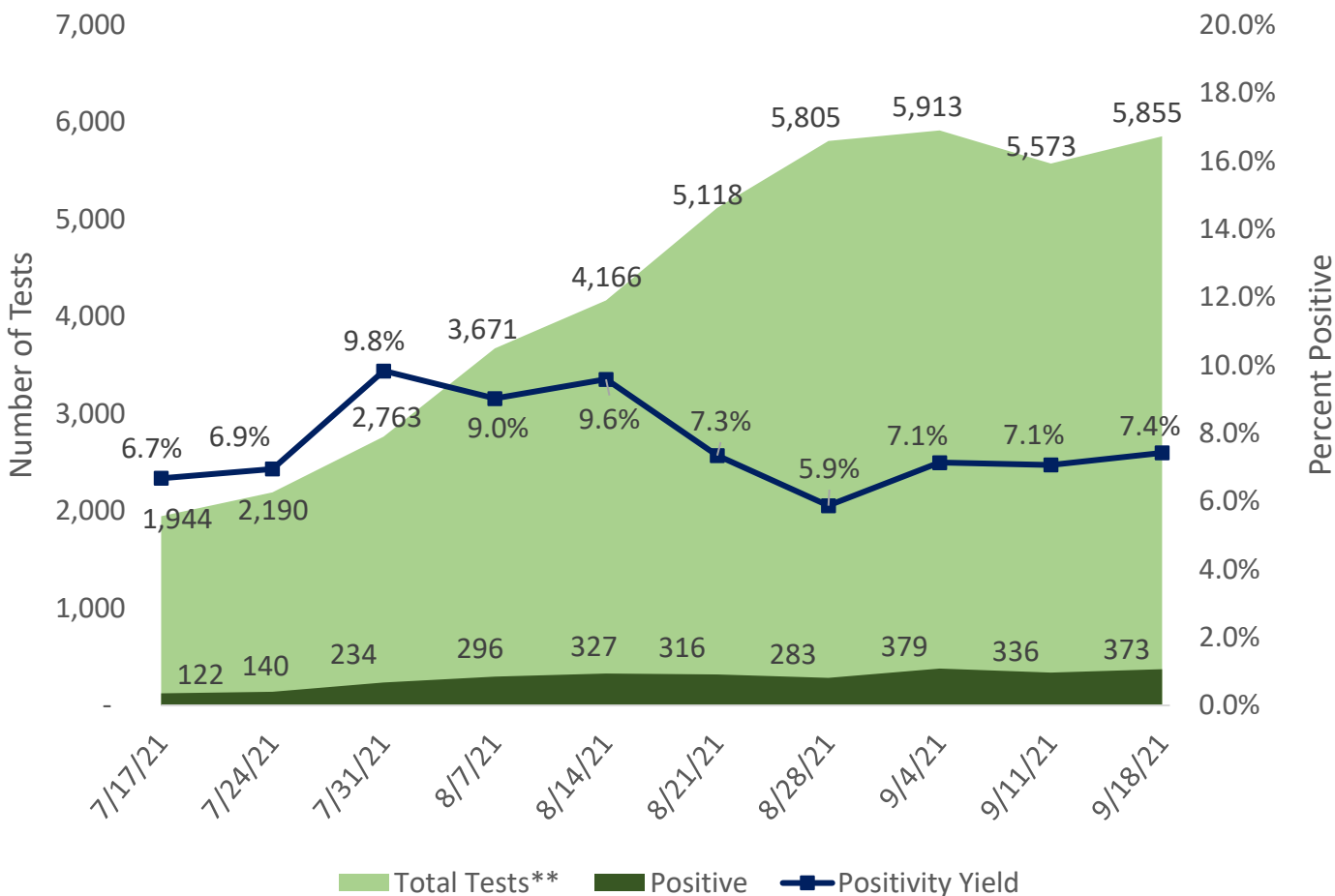
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	10,599	14,827	10.2%	37,839	60.7%
Male	10,165	14,565	12.2%	33,301	55.6%

[‡] 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 104,114 Coconino County residents have been tested.

Tests Conducted: A total of 307,431 have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 8,913**

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: 101 (As of 9/18/2021)**
- **Total individuals monitored to date: 8,790**

*Cases reported from 3/15/20-9/18/21

Hospitalizations

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

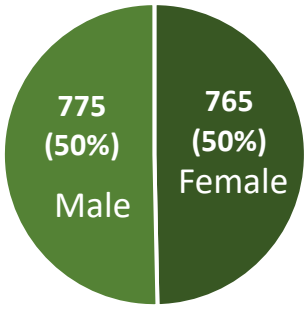
Percentage of Cases
7.4%

Hospitalized
1,540

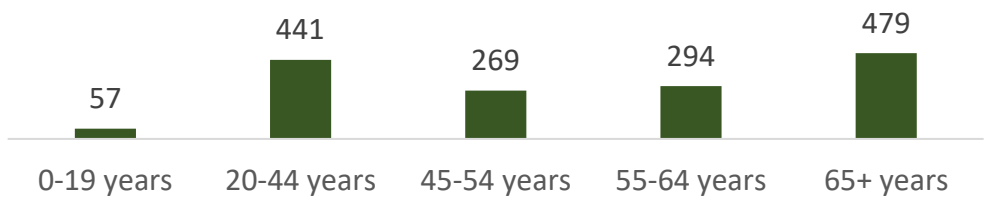
Hospitalizations Per 100,000
1,088

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

Sex

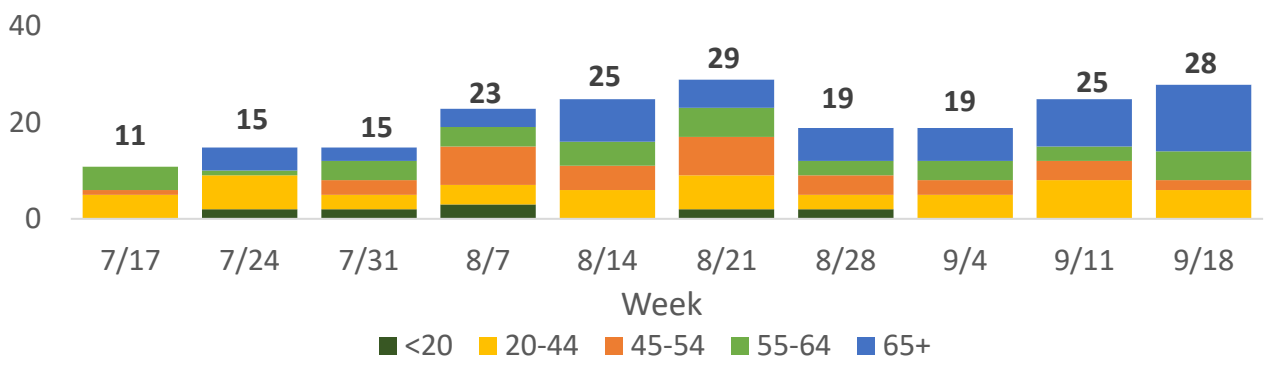


Hospitalized Coconino COVID-19 Patients by Age

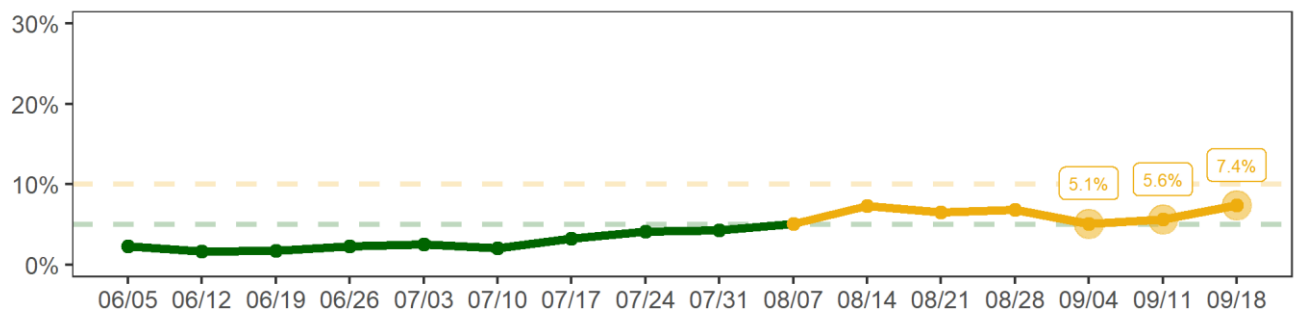


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



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



*Cases reported from 3/15/20-9/18/21

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

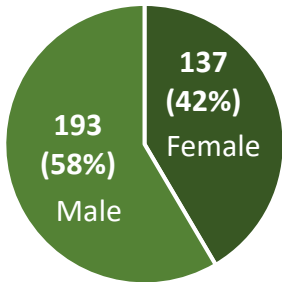
COVID-19 Related Deaths:

Percentage of Cases
1.6%

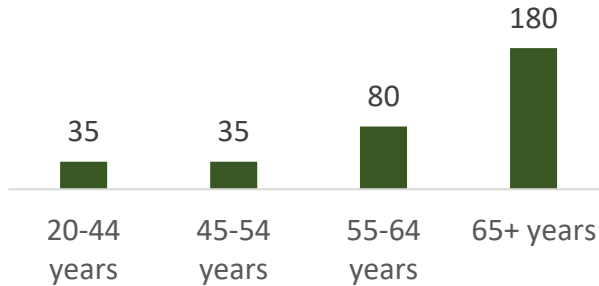
Deaths
330

Fatalities Per 100,000
233.2

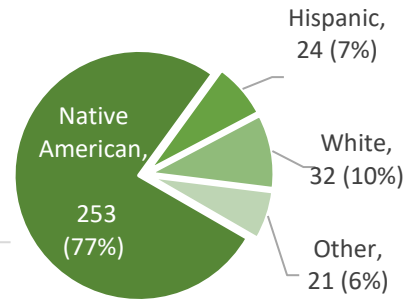
Sex



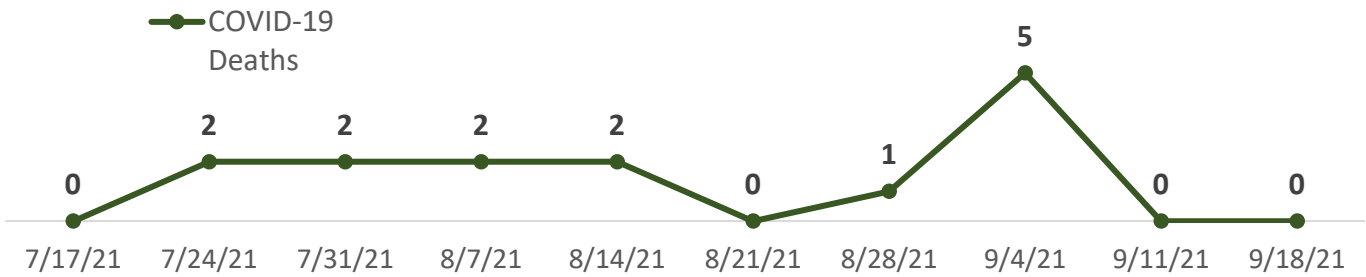
Coconino COVID-19 Deaths by Age



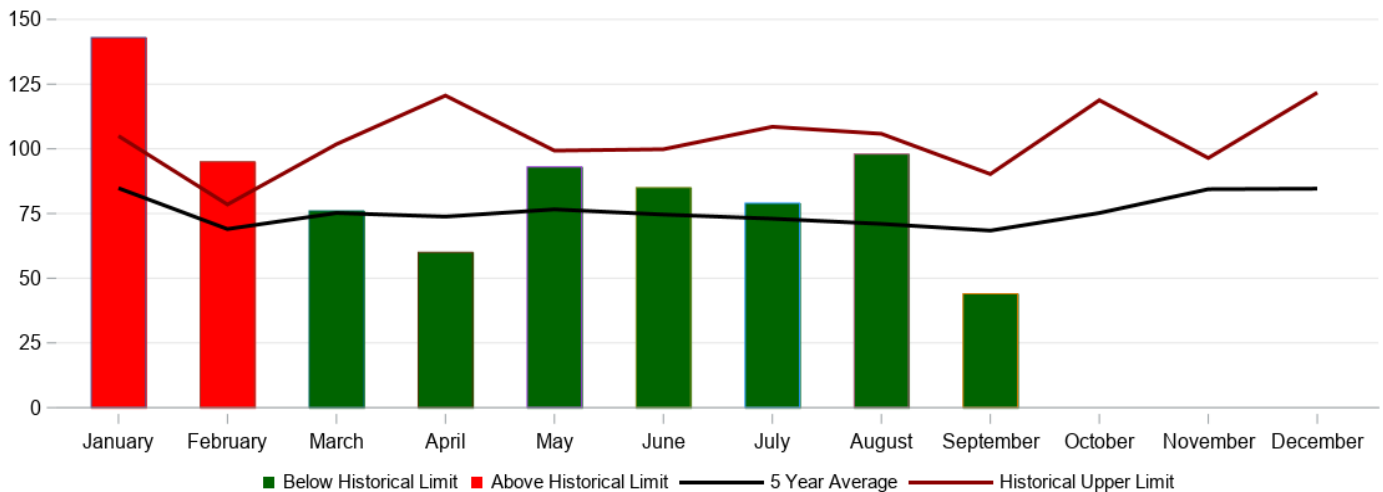
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



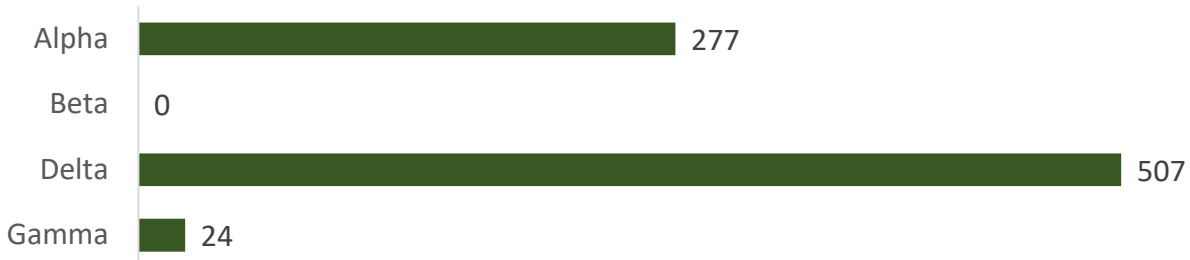
2021 All Deaths Aberration



*Cases reported from 3/15/20-9/18/21

COVID-19 Variants:

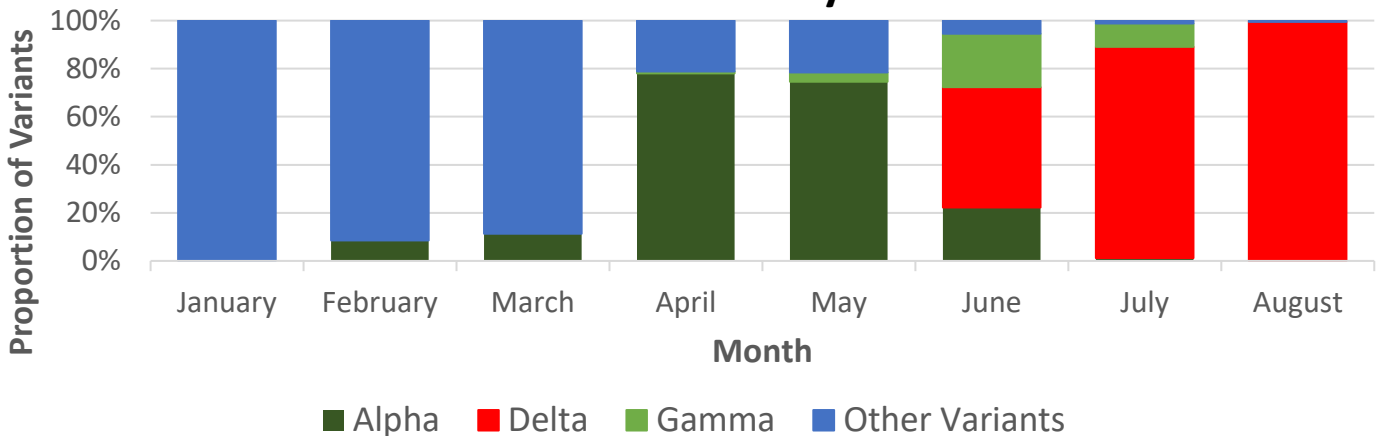
Coconino County Total Variants of Concern**



**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



1,886 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://www.tgen.org/covid-19-sequencing)

Vaccine Breakthrough***:

Total Vaccine Breakthrough Cases: 767

(3.7% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 115

(15% 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 3/15/20-9/18/21