

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 37 (9/11/2022- 9/17/2022)

COCONINO COUNTY
September 23, 2022

Situation Summary

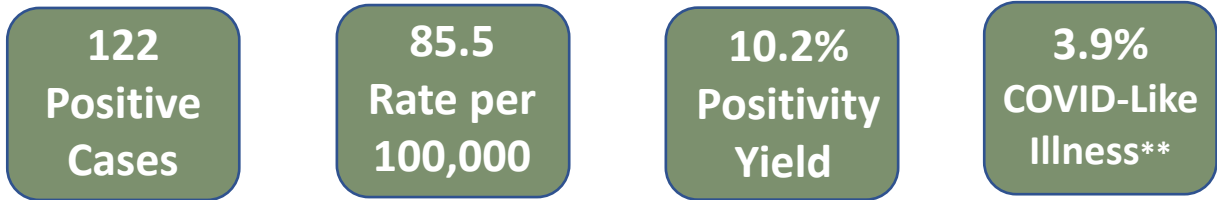


MMWR Week 37 (9/11/2022-9/17/2022)

A total of 20,103 positive COVID-19 cases have been reported among Coconino County residents from January 1, 2022 – September 17, 2022.

Deaths (2022): 61 (0.3% of cases)
Hospitalizations (2022): 586 (2.9% of cases)
Total Up-To-Date: 43,787 (53.9% of fully vaccinated)

Cases Reported Week 37 (September 11, 2022 - September 17, 2022):



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

Community Levels

Coconino County is currently at a **Low[†]** community level.

New Cases (per 100,000 people in the last 7 days)	Indicator	Low	Medium	High
Fewer than 200	New COVID-19 admissions per 100,000 population (7- day total)	<10.0 Coconino: 4.2	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0% Coconino: 3.1%	10.0-14.9%	≥15.0%

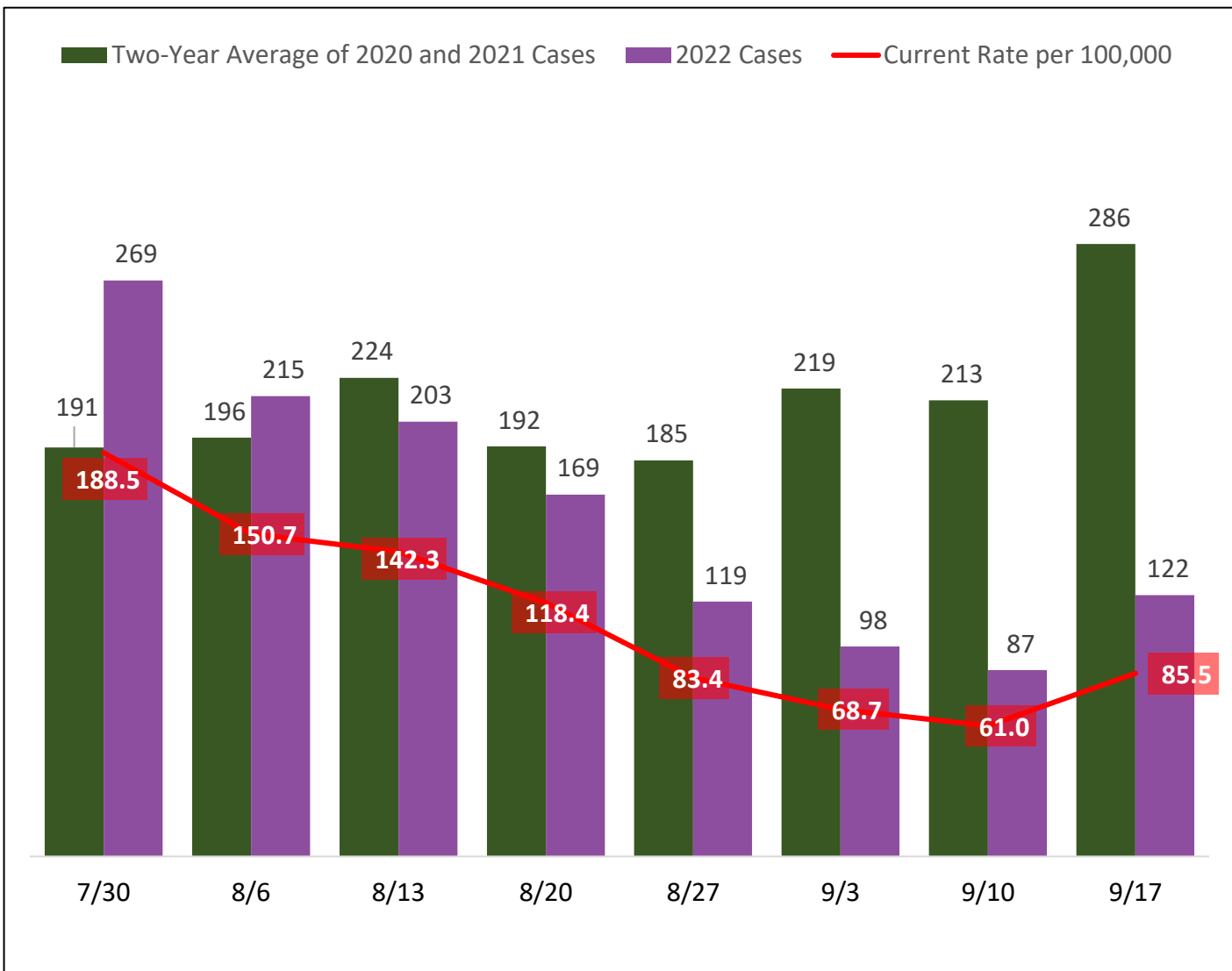
[†]The COVID-19 community level is determined by the higher of the inpatient beds and new admissions indicators, based on the current level of new cases per 100,000 population in the past 7 days. For more information about the CDC’s Community Levels see: <https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>. Hospital data reported from Flagstaff Medical Center and Tuba City Regional Health Care Corporation.

For Healthcare Facilities: COVID-19 Community Levels do not apply in healthcare settings, such as hospitals and nursing homes. Instead, healthcare settings should continue to use community transmission rates and follow CDC’s infection prevention and control recommendations for healthcare workers.

Current Year Cases (January 1, 2022 – September 17, 2022):

20,103 Positive Cases	125,930 Total Tests	32,272 People Tested	24.8% Positivity Yield
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Weekly Case Counts Among Coconino County Residents:



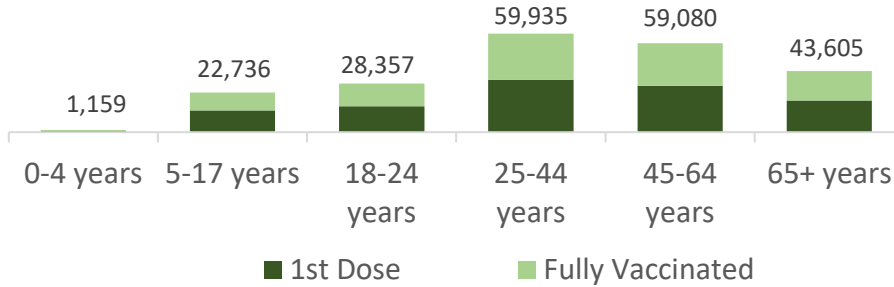
*Cases reported from 1/1/22-9/17/22

COVID-19 Situation Summary*

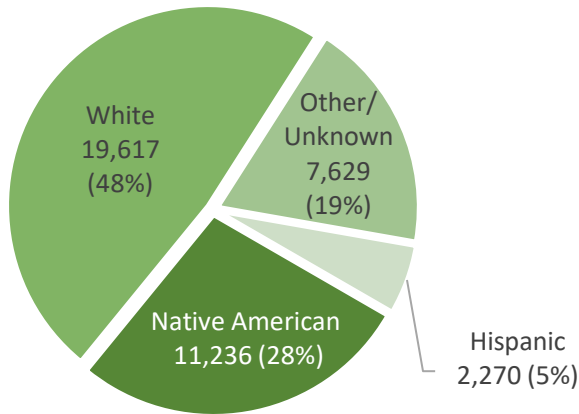
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

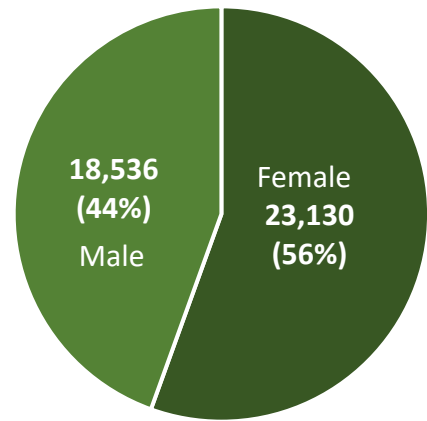
Total Vaccinations by Age



Up-To-Date by Race**



Up-To-Date by Sex

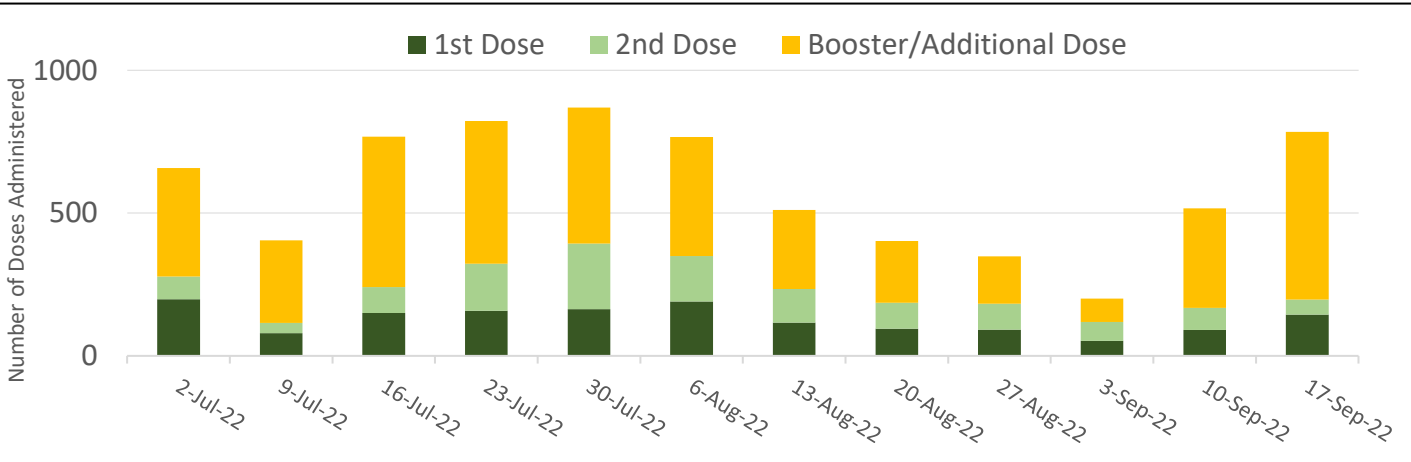


**The following races account for less than 1% of total Up-To-Date: Asian or Pacific Islander (679) and Black or African American (270).

Total Fully Vaccinated: 81,257
(57.0% of eligible population)

53.9% of fully vaccinated individuals have received a booster/additional dose

Weekly Vaccine Counts Among Coconino County Residents:



*Vaccinations reported from 12/01/20-9/17/22

Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
Flagstaff	13,235	13,804	25.2%	50.3%
Page	1,027	13,601	30.2%	48.1%
Tribal Communities	4,793	18,984	27.2%	59.0%
Williams	346	5,716	24.3%	40.3%
Grand Canyon	159	6,865	26.0%	44.1%
Other Areas	543	9,634	22.9%	47.3%

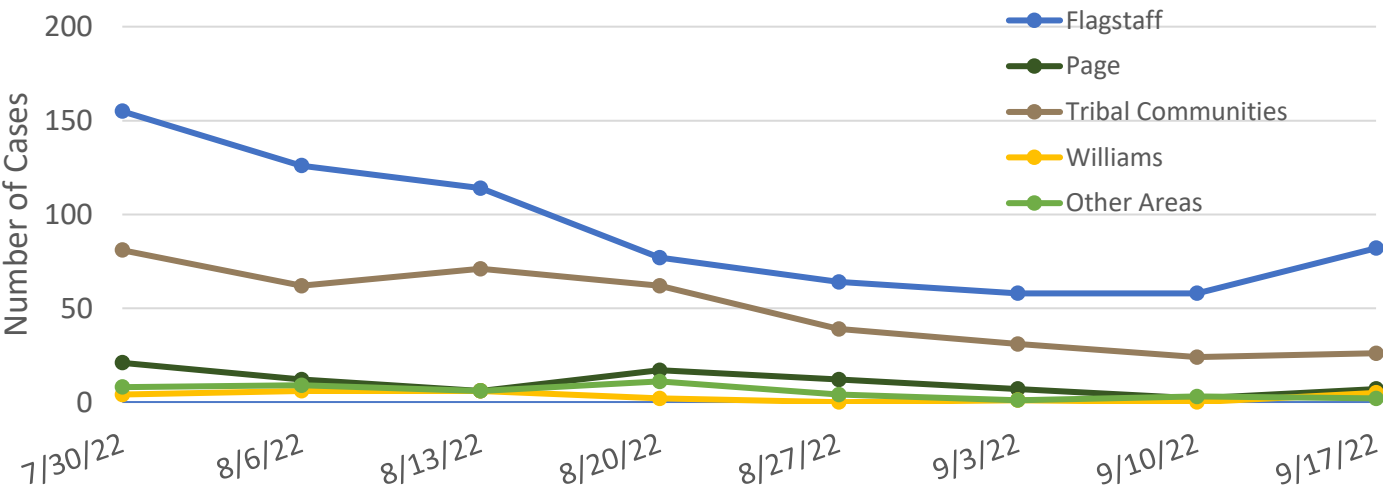
*Cases reported from 1/1/22-9/17/22. [†]Population estimates include residents aged 5 and older. Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- The highest **case incidence** for week 37 was observed in Tribal Communities with an incidence of 103.0 per 100,000, respectively.
- The **lowest cumulative** percentage of the population **up-to-date** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 1/1/22-9/17/22

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
0-4 years	785	10,113	21.2%	N/A
5-17 years	2,979	13,395	21.5%	27.8%
18-24 years	4,240	14,351	20.6%	30.6%
25-44 years	6,290	18,067	20.4%	40.6%
45-64 years	4,037	12,905	17.8%	63.2%
65+ years	1,771	10,428	15.3%	82.4%

*Cases reported from 1/1/22-9/17/22. [†]Population estimates include residents aged 5 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.

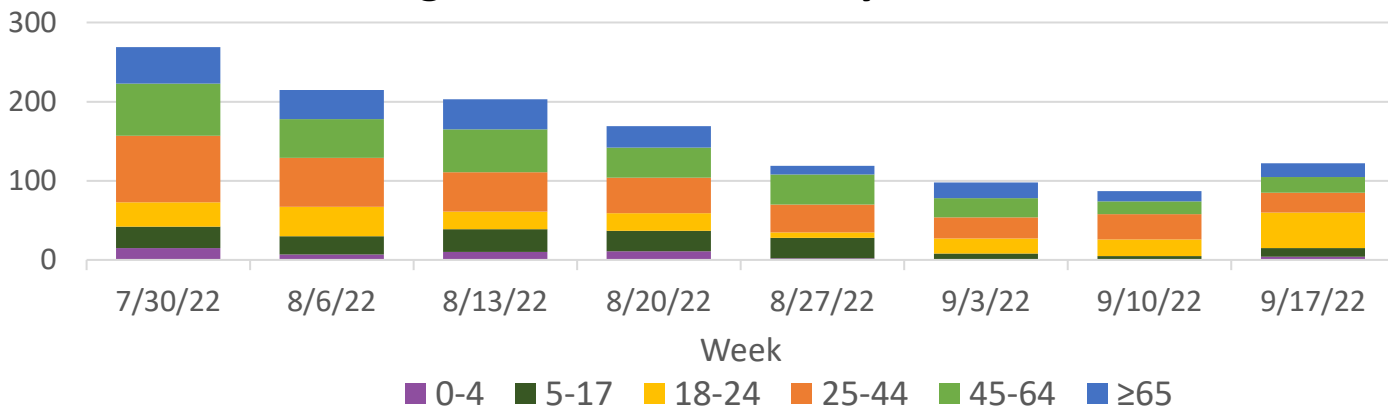
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 37 was observed among residents aged 18-24 with an incidence of 152 per 100,000.
- The highest **positivity yield** for week 37 was observed among residents aged 0-4 with a positivity yield of 16.0%.
- The **highest** cumulative percentage of the population **up-to-date** was observed among residents aged 65+.

Age of Positive Cases by Week



*Cases reported from 1/1/22-9/17/22

Race/Ethnicity:

Race/ Ethnicity	Positive Cases	Case Incidence per 100,000	% of Population Up-to-Date on Vaccination [‡]
Native American	6,356	16,551	55.6%
White	7,337	9,137	63.0%
Hispanic	2,586	12,432	36.6%
Black or African American	281	11,155	42.9%
Asian/ Pacific Island	332	10,039	50.7%
Other/ Unknown	3,211	N/A	N/A

*Cases reported from 1/1/22-9/17/22. [‡]Population estimates include residents aged 5 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 up-to-date was observed in **Hispanic** residents. The **highest cumulative percentage** of the population up-to-date was observed among **White** residents.

Sex:

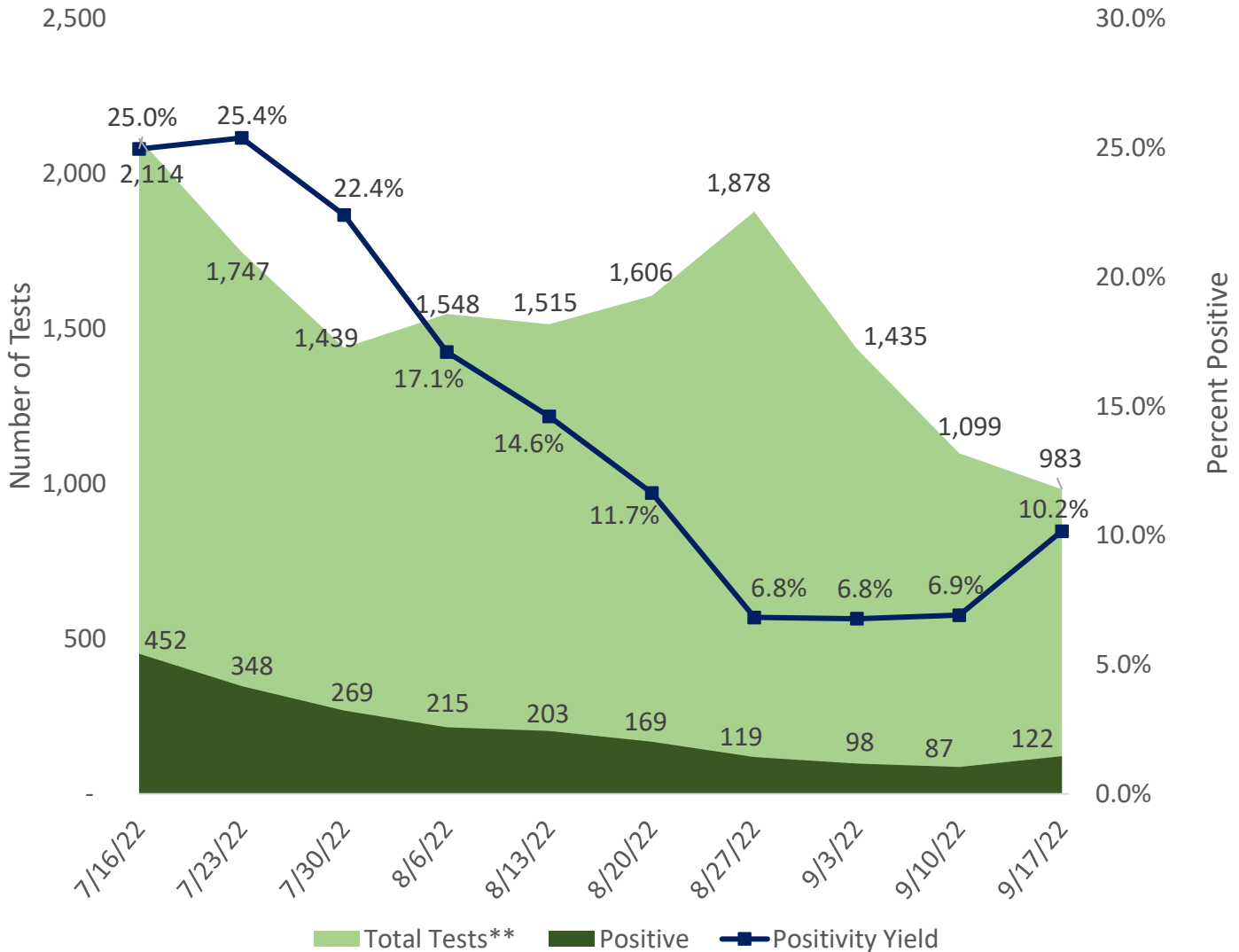
Sex	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [‡]
Female	10,965	15,202	24.4%	54.0%
Male	9,050	12,906	27.4%	48.4%

*Cases reported from 1/1/22-9/17/22. [‡]Population Estimates include residents aged 5 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 37% more tests than male residents in 2022.
- 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 in 2022:

People Tested: A total of 32,272 Coconino County residents have been tested.

Tests Conducted: A total of 125,930 tests have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 2,236 in 2022**

*Cases reported from 1/1/22-9/17/22

COVID-19 Situation Summary*

Hospitalizations in 2022

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

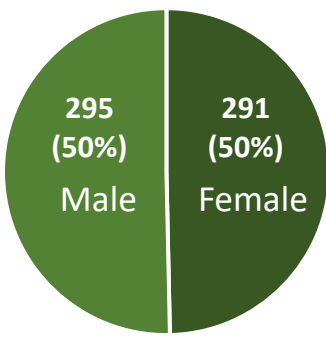
Percentage of Cases
2.9%

Hospitalized
586

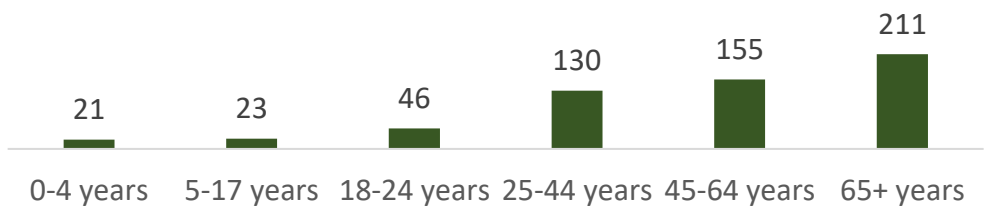
Hospitalizations Per 100,000
411

In 2022, 10% of hospitalized residents were in the ICU and 2% were intubated.

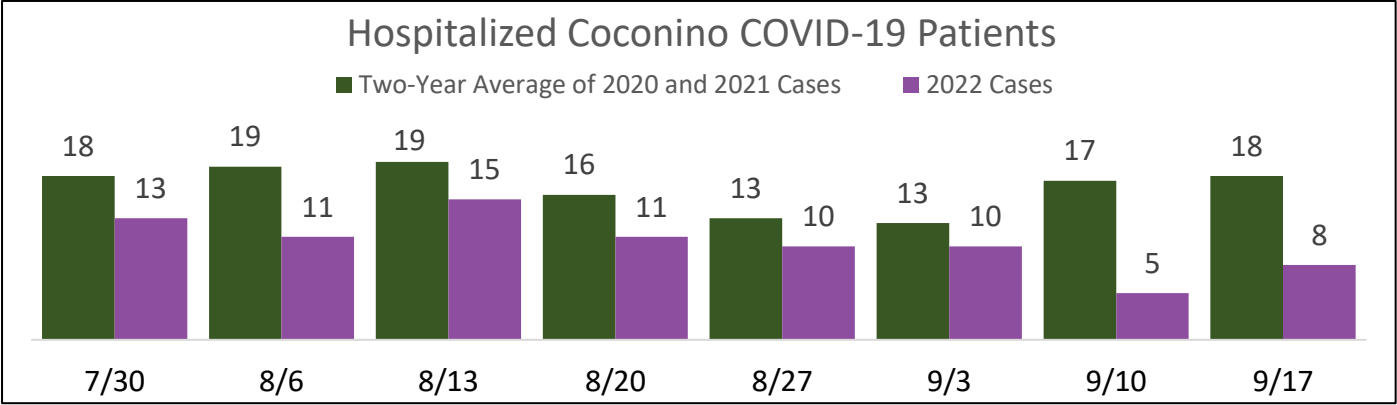
Sex



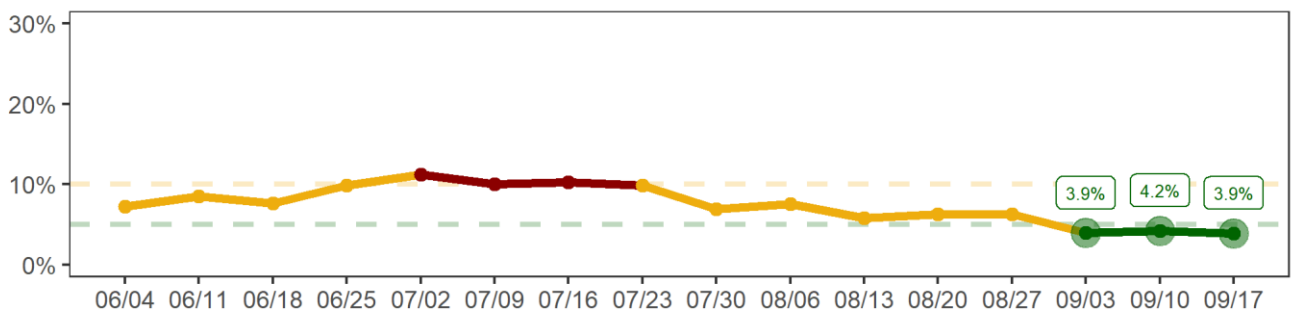
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



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



*Cases reported from 1/1/22-9/17/22
 CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

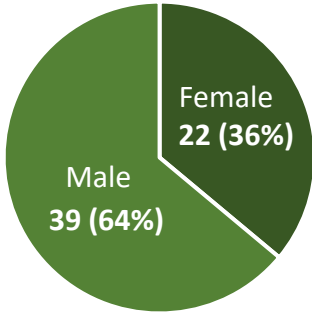
COVID-19 Related Deaths in 2022:

Percentage of Cases
0.3%

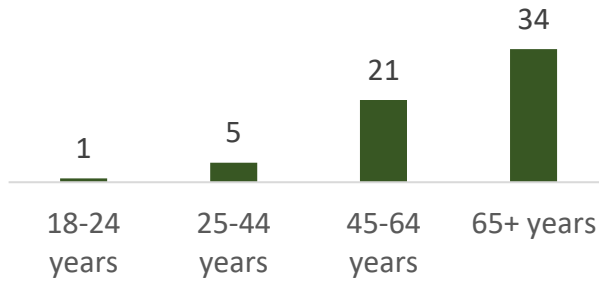
Deaths
61

Fatalities Per 100,000
42.8

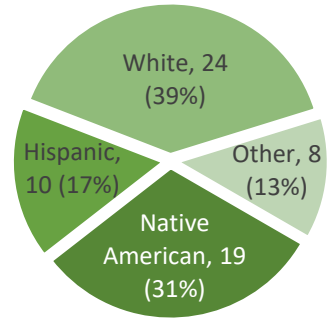
Sex



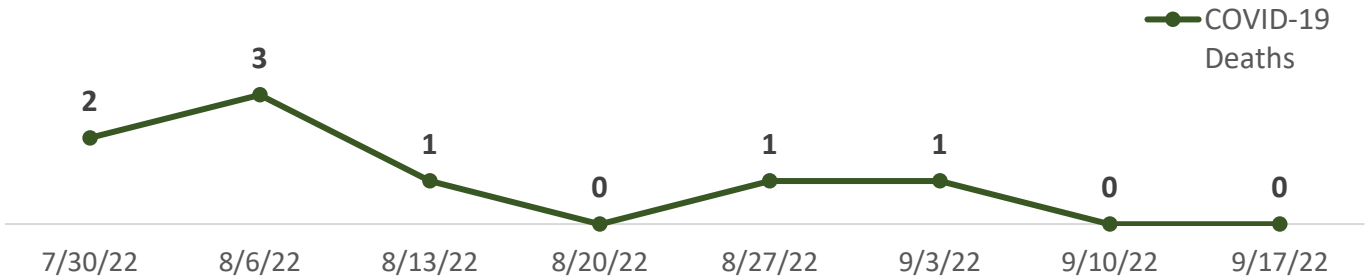
Coconino COVID-19 Deaths by Age



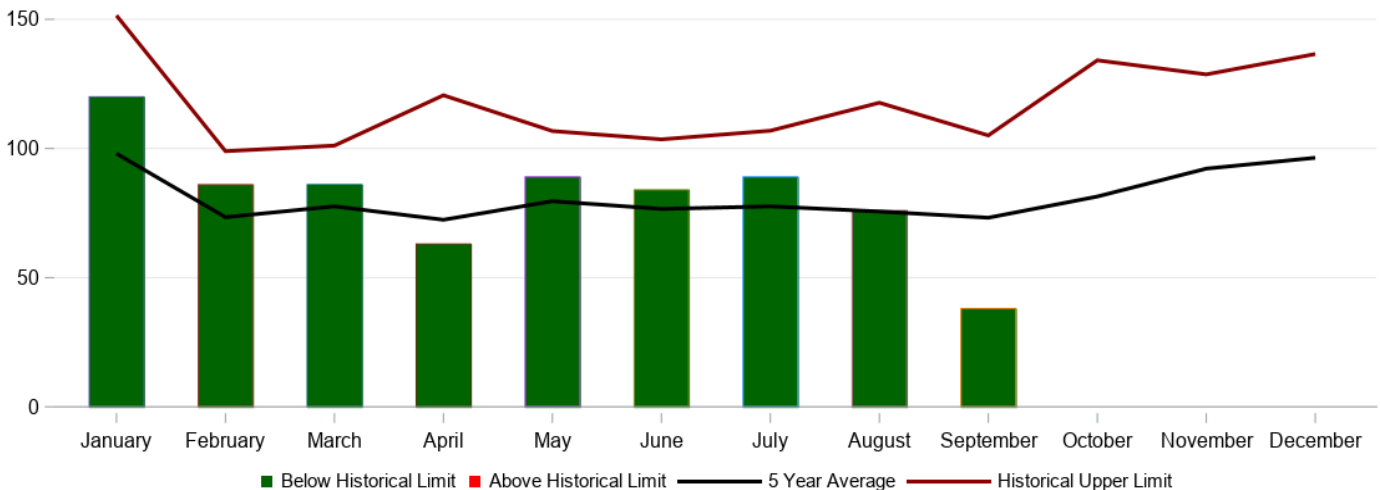
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2022 All Deaths Aberration



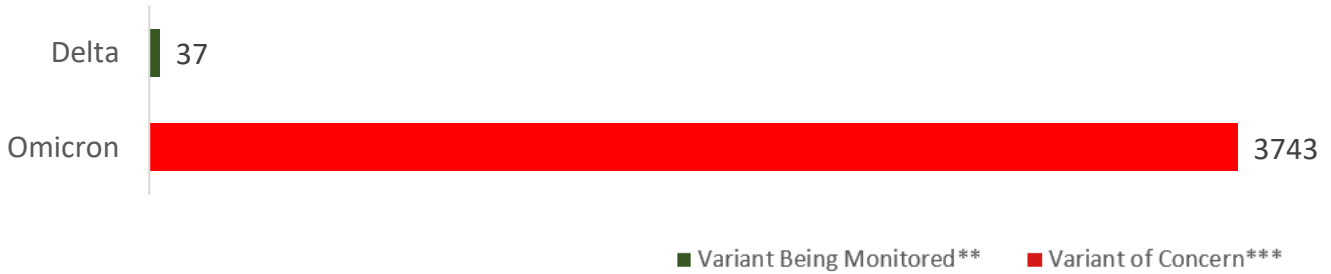
*Cases reported from 1/1/22-9/17/22

COVID-19 Situation Summary*

*Cases reported from 1/1/22-9/17/22

COVID-19 Variants in 2022:

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/)

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

[Arizona COVIDseq Tracker \(tgen.org\)](https://tgen.org/az-covidseq-tracker/)

3,783 positive SARS-CoV-2 samples from Coconino County residents have been sequenced in 2022 by partnering laboratories to identify circulating variants.

Variants Being Monitored and Variants of Concern by Month

