

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)  
Week 38 (9/18/2022- 9/24/2022)

COCONINO COUNTY  
*September 30, 2022*



# Situation Summary

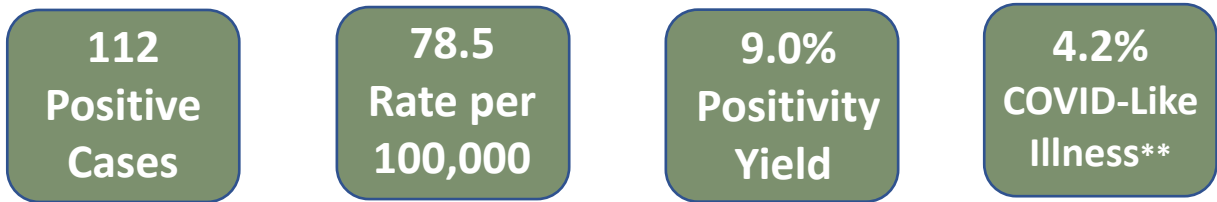


MMWR Week 38 (9/18/2022-9/24/2022)

**A total of 20,232 positive COVID-19 cases have been reported among Coconino County residents from January 1, 2022 – September 24, 2022.**

**Deaths (2022): 61** (0.3% of cases)  
**Hospitalizations (2022): 596** (2.9% of cases)  
**Total Up-To-Date: 43,931** (54.0% of fully vaccinated)

## Cases Reported Week 38 (September 18, 2022 - September 24, 2022):



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

### Community Levels

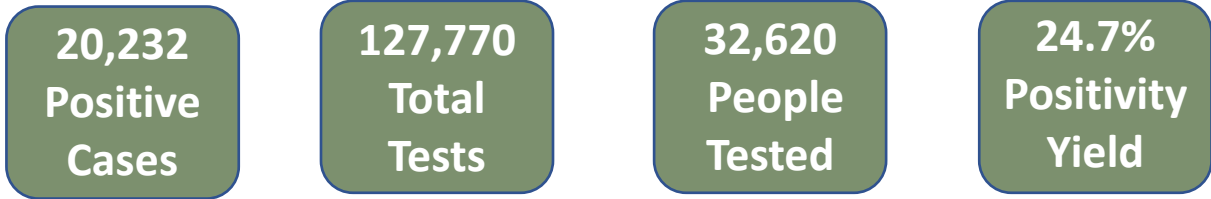
Coconino County is currently at a **Low<sup>†</sup>** community level.

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: 3.5	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0% Coconino: 0.8%	10.0-14.9%	≥15.0%

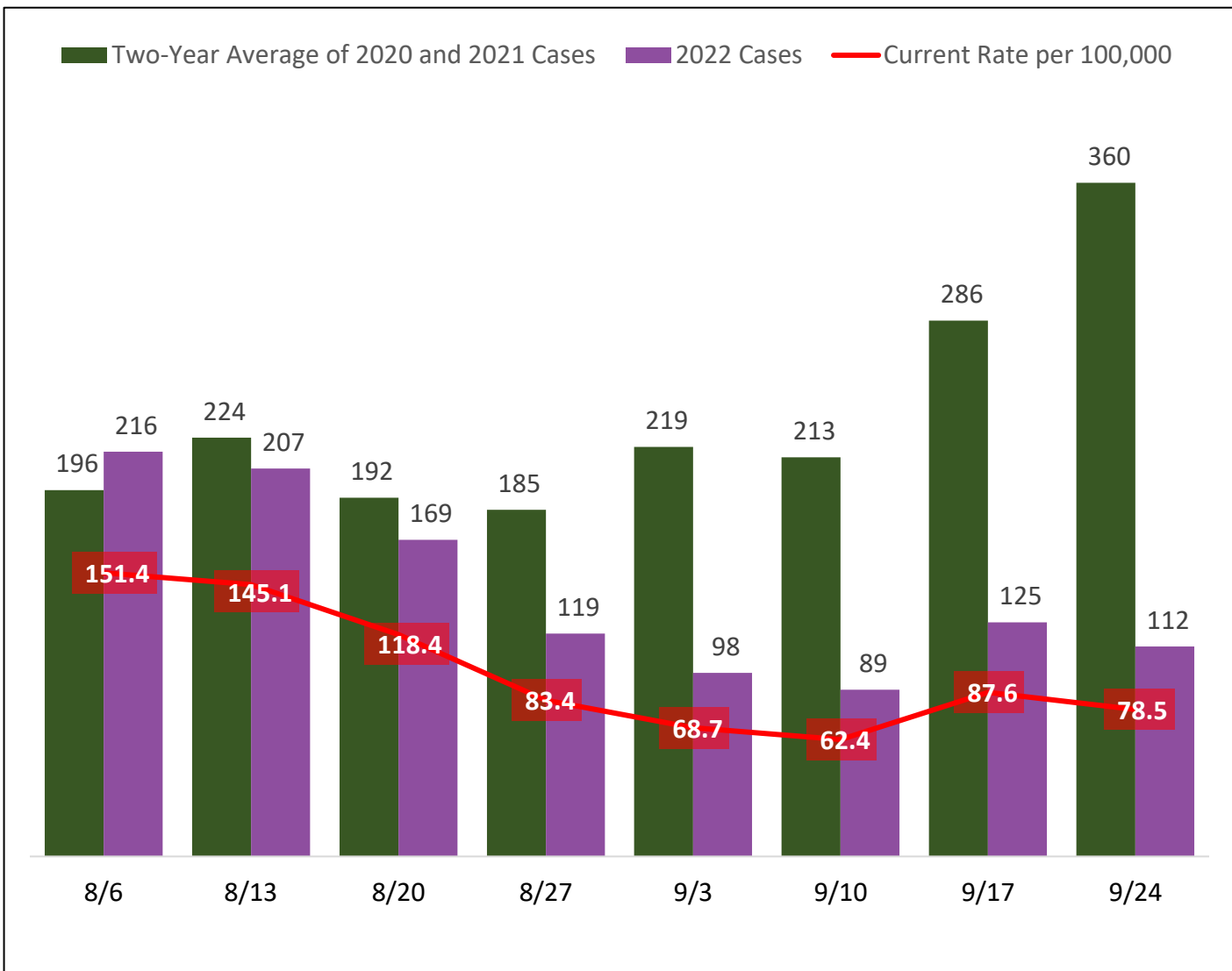
<sup>†</sup>The COVID-19 community level is determined by the higher of the inpatient beds and new admissions indicators, based on the current level of new cases per 100,000 population in the past 7 days. For more information about the CDC’s Community Levels see: <https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>. 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 24, 2022):



## Weekly Case Counts Among Coconino County Residents:



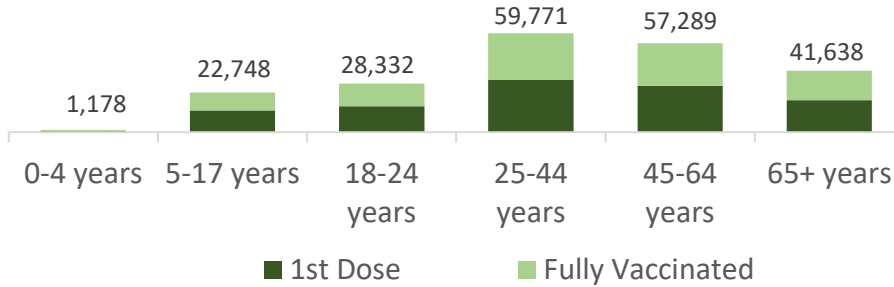
\*Cases reported from 1/1/22-9/24/22

# COVID-19 Situation Summary\*

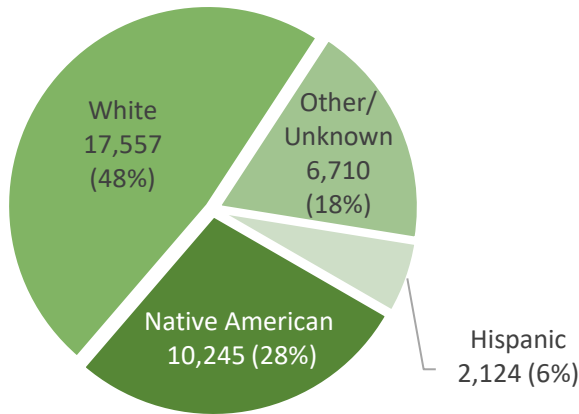
Please visit Vaccine Administration at [azdhs.gov](http://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

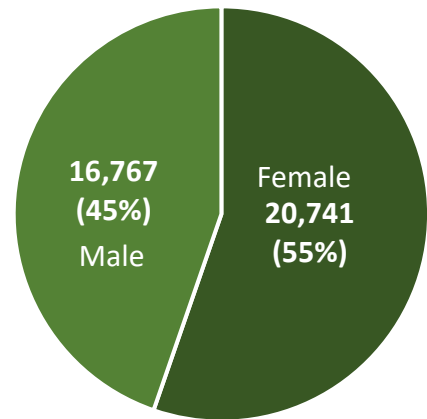
### Total Vaccinations by Age



### Up-To-Date by Race\*\*



### Up-To-Date by Sex

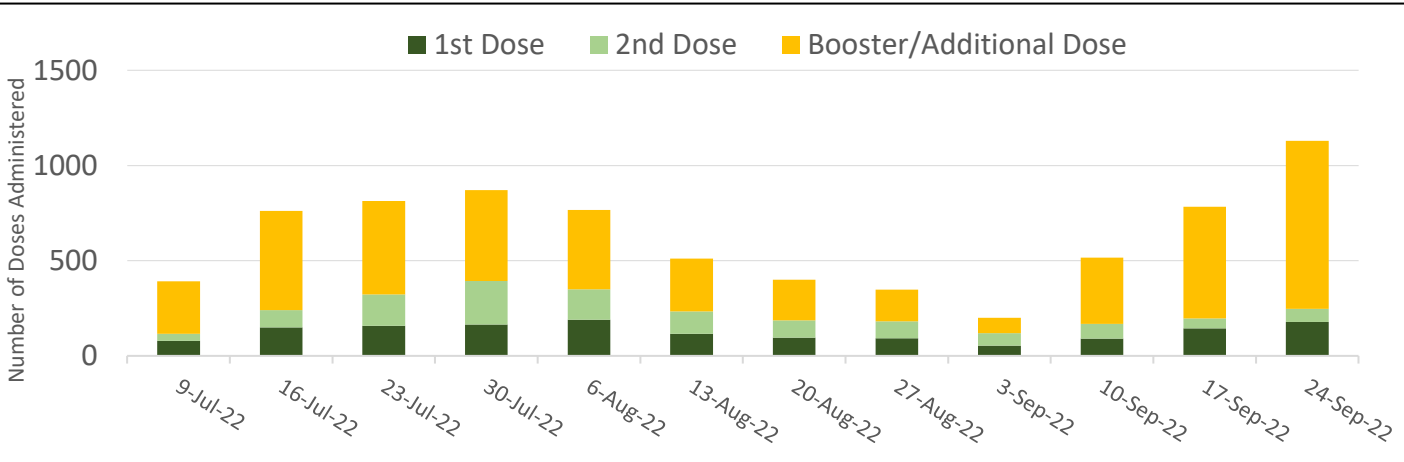


\*\*The following races account for less than 1% of total Up-To-Date: Asian or Pacific Islander (640) and Black or African American (262).

**Total Fully Vaccinated: 81,326**  
(57.0% of eligible population)

**54.0%** of fully vaccinated individuals have received a booster/additional dose

## Weekly Vaccine Counts Among Coconino County Residents:



\*Vaccinations reported from 12/01/20-9/24/22

## Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination <sup>†</sup>
Flagstaff	13,305	13,877	25.1%	45.2%
Page	1,032	13,667	30.1%	44.1%
Tribal Communities	4,837	19,158	27.1%	52.9%
Williams	347	5,733	24.4%	37.2%
Grand Canyon	159	6,865	25.8%	40.0%
Other Areas	552	9,794	23.1%	41.6%

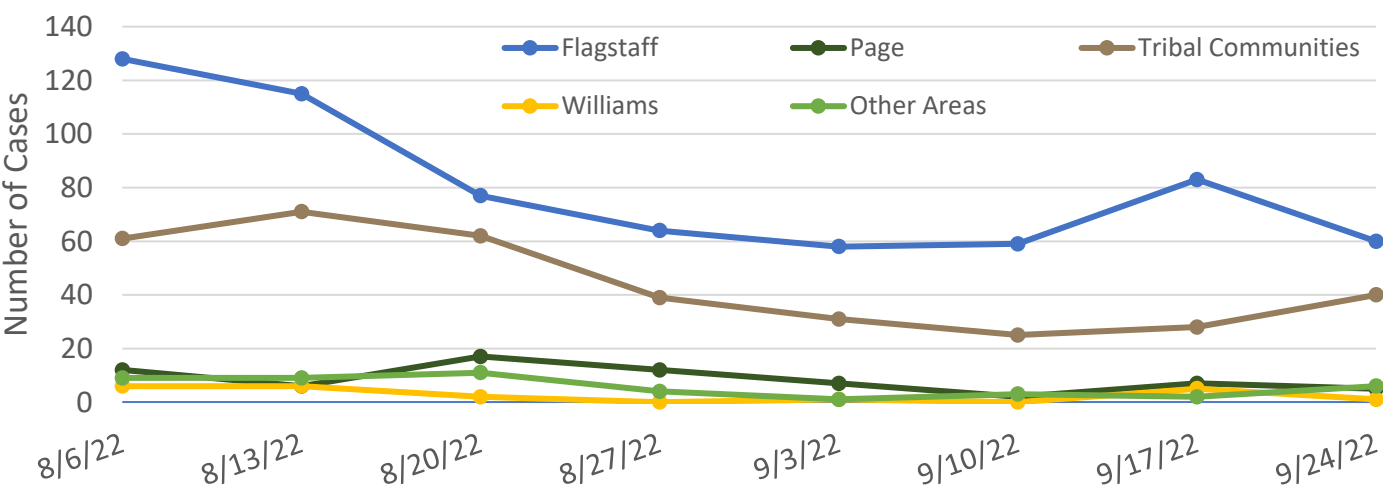
\*Cases reported from 1/1/22-9/24/22. <sup>†</sup>Population estimates include residents aged 5 and older. Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- The highest **case incidence** for week 38 was observed in Tribal Communities with an incidence of 158.4 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 1/1/22-9/24/22

## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination <sup>†</sup>
0-4 years	790	10,178	20.9%	N/A
5-17 years	2,993	13,458	21.0%	27.7%
18-24 years	4,263	14,429	20.6%	30.2%
25-44 years	6,326	18,171	20.2%	39.7%
45-64 years	4,068	13,004	17.6%	54.7%
65+ years	1,791	10,546	15.2%	68.5%

\*Cases reported from 1/1/22-9/24/22. <sup>†</sup>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.

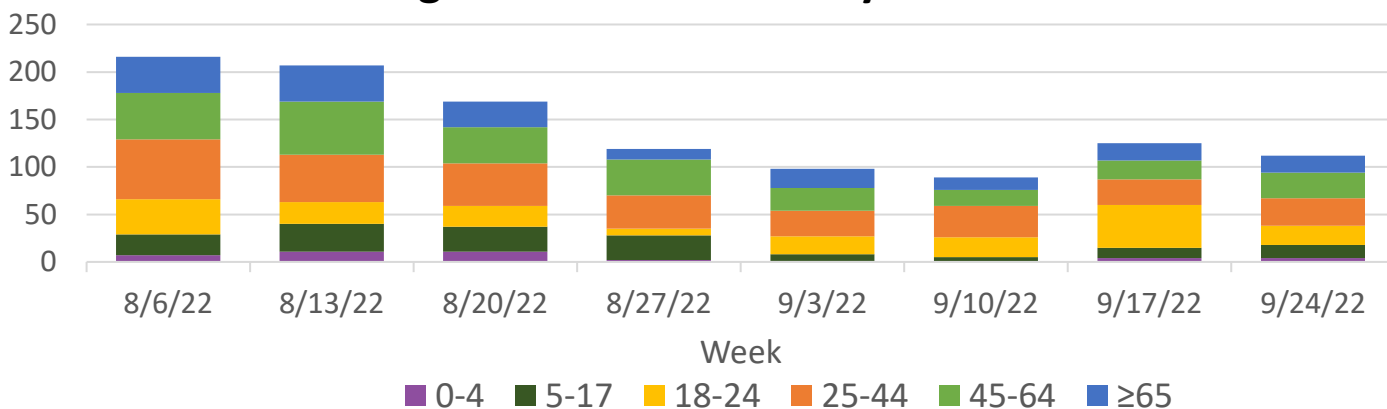
## The median age of Coconino County COVID-19 cases is 30 years old



### Key Take Away

- The highest **case incidence** for week 38 was observed among residents aged 65+ with an incidence of 106 per 100,000.
- The highest **positivity yield** for week 38 was observed among residents aged 18-24 with a positivity yield of 12.6%.
- 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 1/1/22-9/24/22

## Race/Ethnicity:

Race/ Ethnicity	Positive Cases	Case Incidence per 100,000	% of Population Up-to-Date on Vaccination <sup>‡</sup>
Native American	6,394	16,650	50.6%
White	7,378	9,188	56.3%
Hispanic	2,596	12,480	34.2%
Black or African American	284	11,274	41.5%
Asian/ Pacific Island	332	10,039	47.7%
Other/ Unknown	3,248	N/A	N/A

\*Cases reported from 1/1/22-9/24/22. <sup>‡</sup>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:

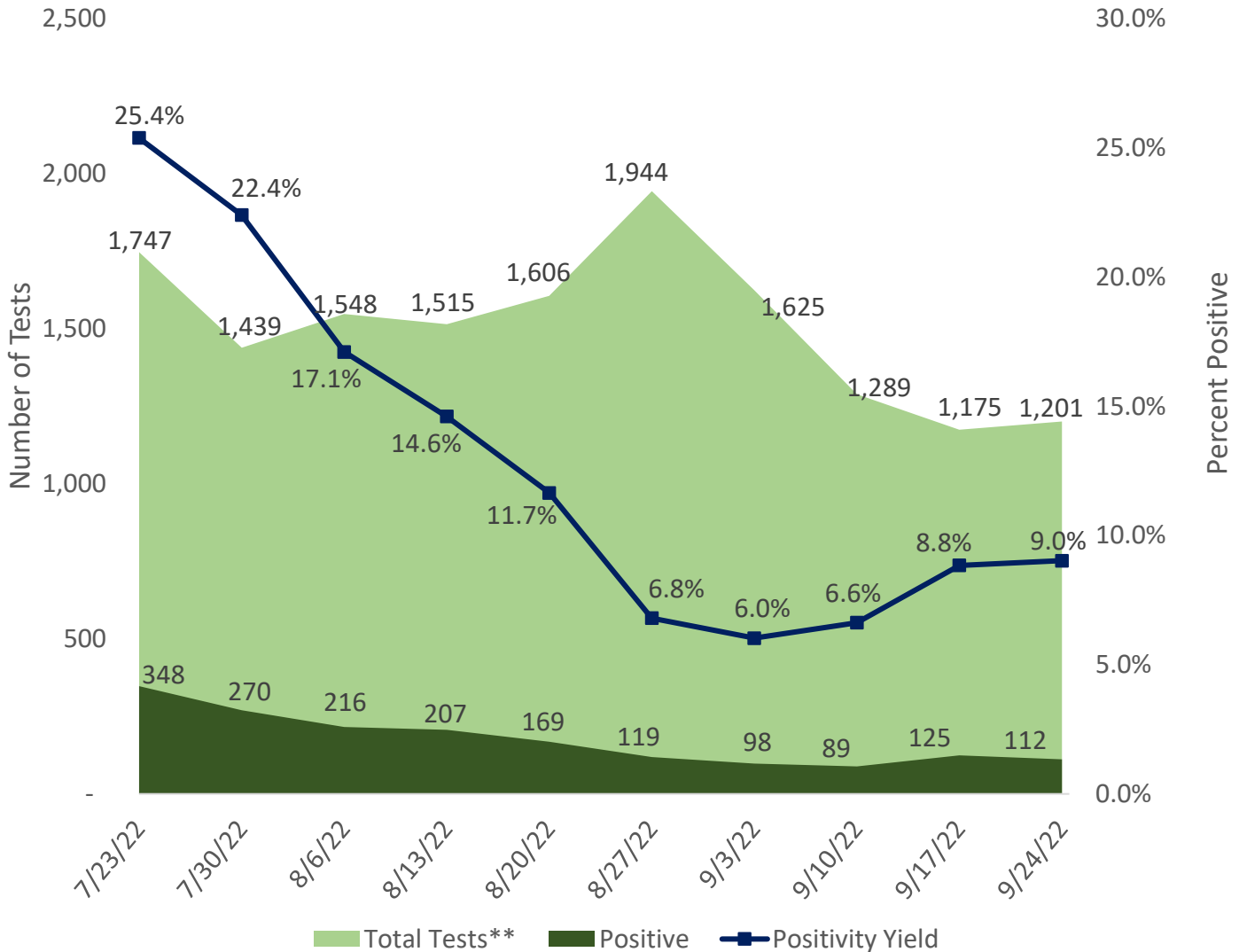
Sex	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination <sup>‡</sup>
Female	11,037	15,302	24.3%	48.3%
Male	9,107	12,987	27.3%	43.8%

\*Cases reported from 1/1/22-9/24/22. <sup>‡</sup>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 32,620 Coconino County residents have been tested.

**Tests Conducted:** A total of 127,770 tests have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 2,281 in 2022**

\*Cases reported from 1/1/22-9/24/22



# COVID-19 Situation Summary\*

## Hospitalizations in 2022

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

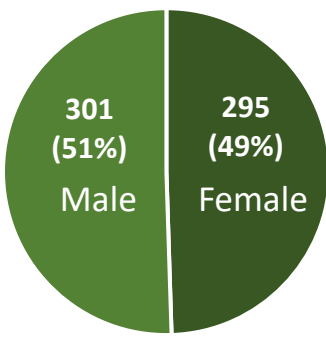
**Percentage of Cases**  
2.9%

**Hospitalized**  
596

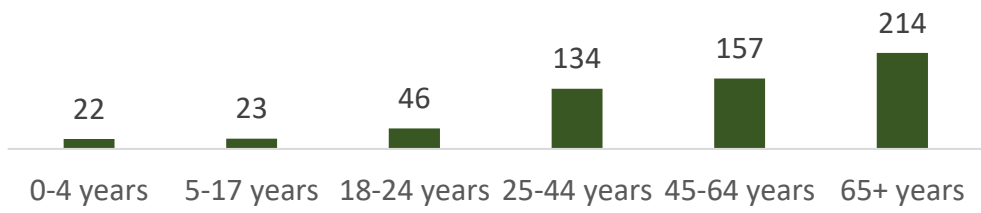
**Hospitalizations Per 100,000**  
418

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

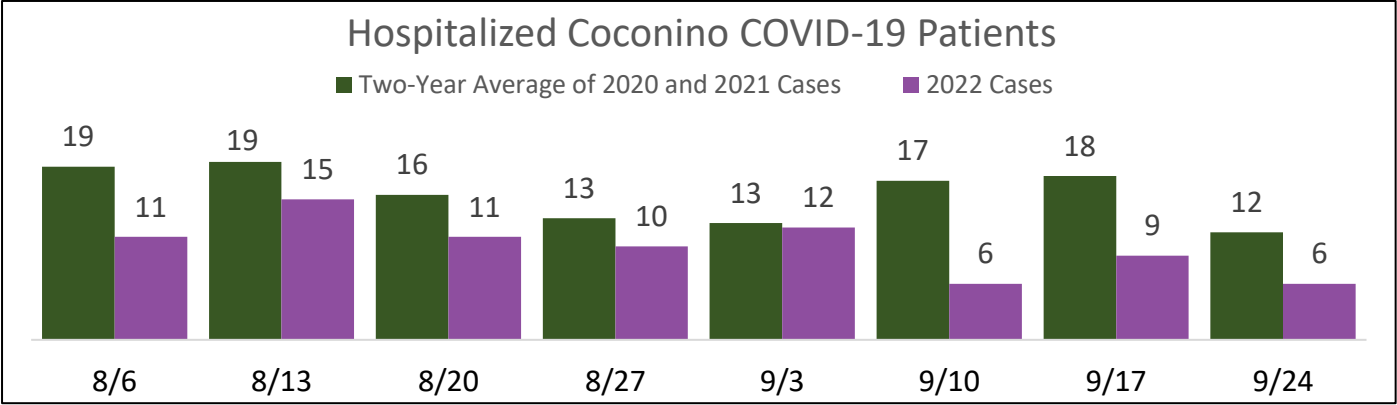
### Sex



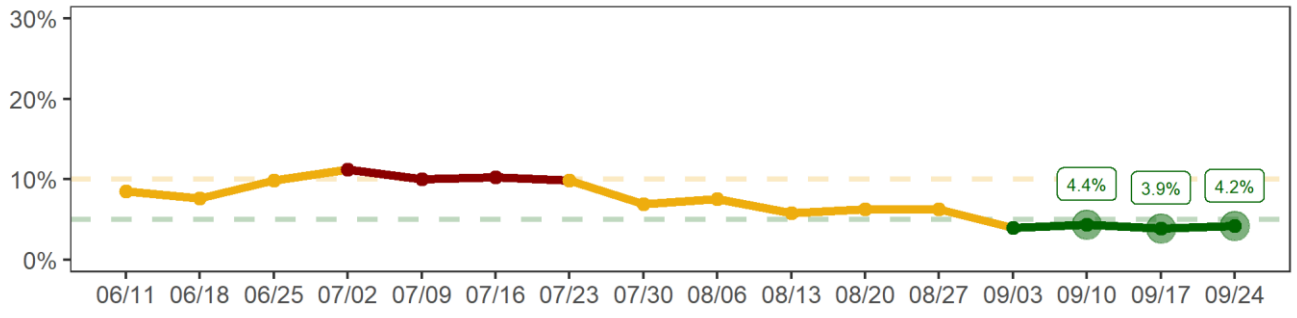
### Hospitalized Coconino COVID-19 Patients by Age



## Weekly Case Counts Among Coconino County Residents:



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



\*Cases reported from 1/1/22-9/24/22

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

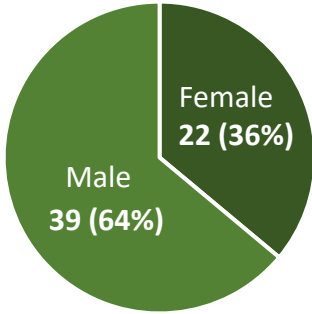
## COVID-19 Related Deaths in 2022:

**Percentage of Cases**  
0.3%

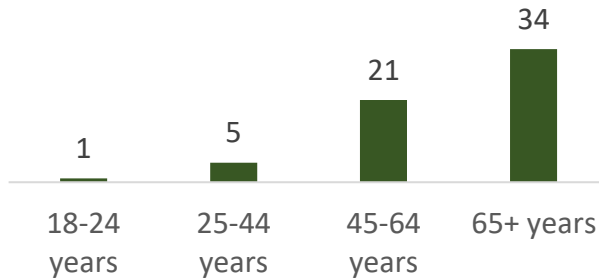
**Deaths**  
61

**Fatalities Per 100,000**  
42.8

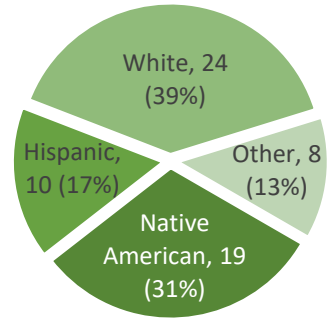
### Sex



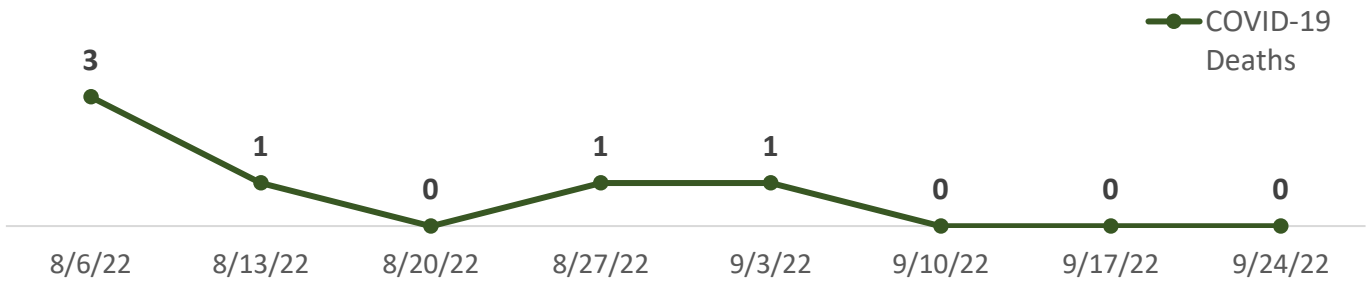
### Coconino COVID-19 Deaths by Age



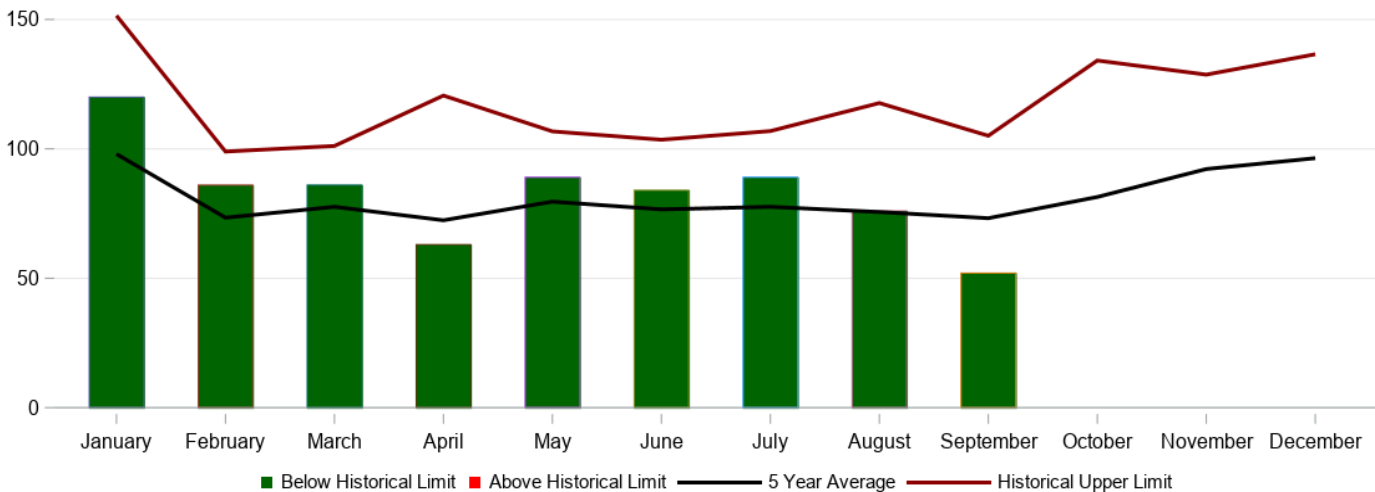
### Race



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



## 2022 All Deaths Aberration



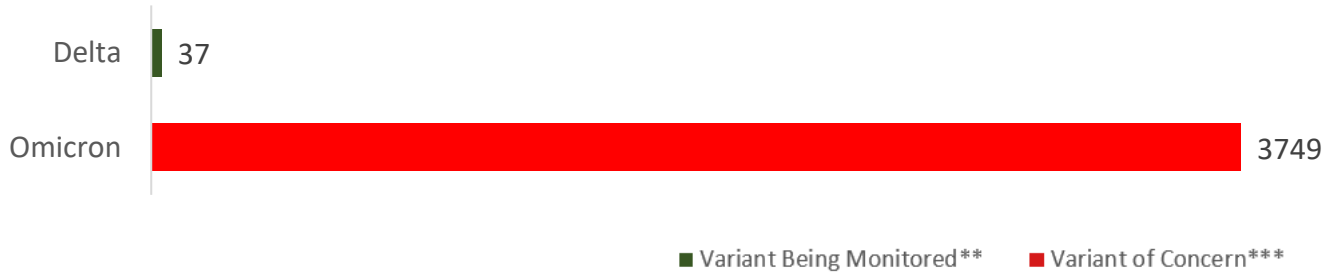
\*Cases reported from 1/1/22-9/24/22

# COVID-19 Situation Summary\*

\*Cases reported from 1/1/22-9/24/22

## 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/)

## 3,790 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

