

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 4 (1/22/2023-1/28/2023)

COCONINO COUNTY
February 3, 2023



Situation Summary

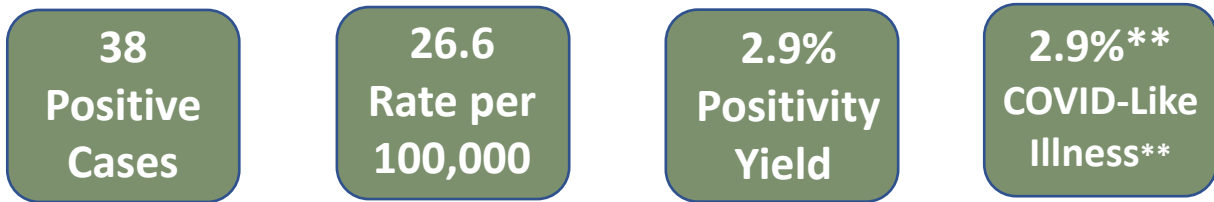


MMWR Week 4 (1/22/2023-1/28/2023)

A total of 22,896 positive COVID-19 cases have been reported among Coconino County residents from January 1, 2022 – January 28, 2023.

Deaths (2022-2023): 91 (0.4% of cases)
Hospitalizations (2022-2023): 881 (3.8% of cases)
Total Up-To-Date: 40,513 (49.1% of fully vaccinated)

Cases Reported Week 4 (January 22, 2023 - January 28, 2023):



***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: 2.1	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0% Coconino: 3.8%	10.0-14.9%	≥15.0%

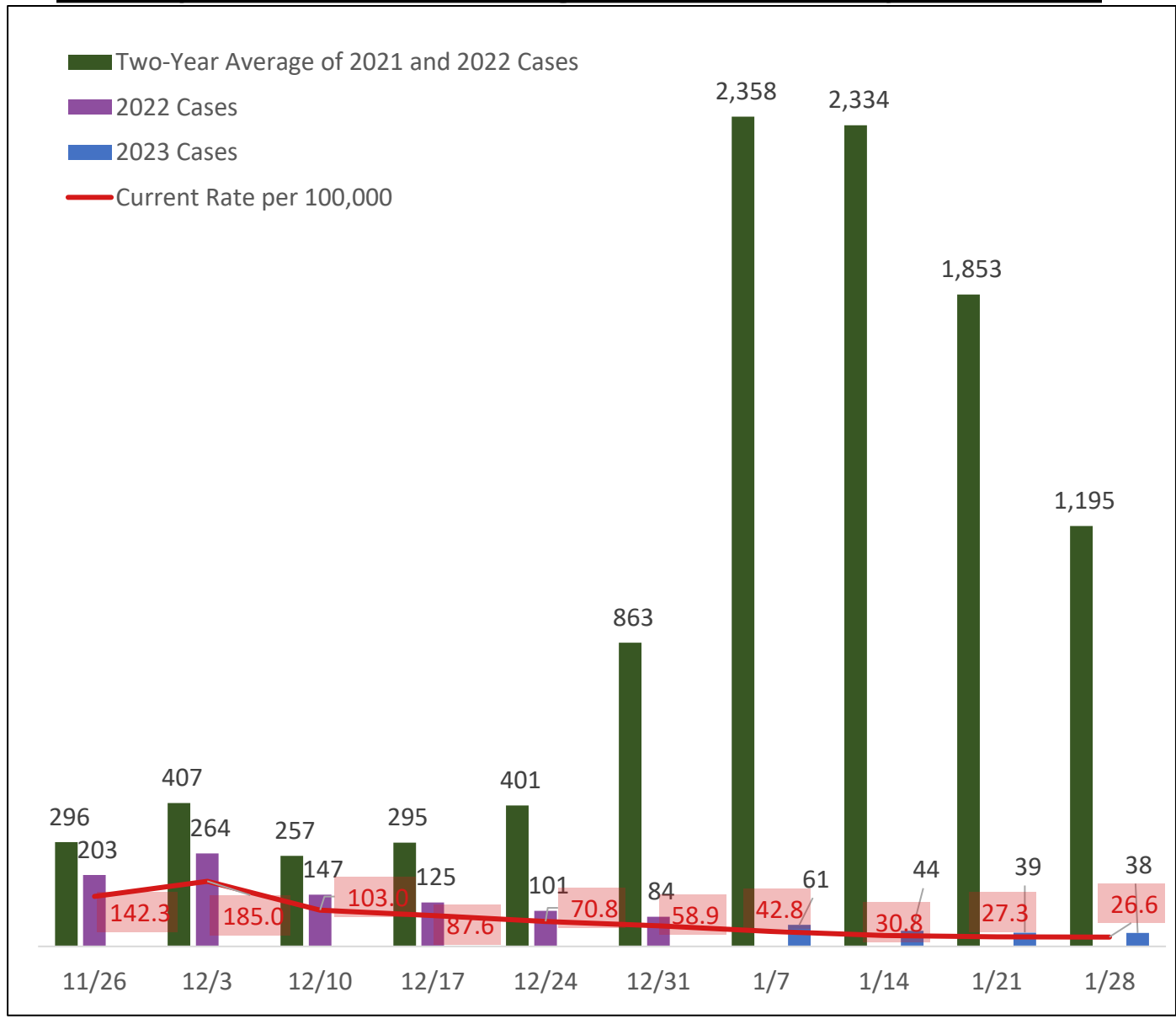
[†]The COVID-19 community level is determined by the higher of the inpatient beds and new admissions indicators, based on the current level of new cases per 100,000 population in the past 7 days. For more information about the CDC’s Community Levels see: <https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>. 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 – January 28, 2023):

22,896 Positive Cases	152,279 Total Tests	39,205 People Tested	23.5% Positivity Yield
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Weekly Case Counts Among Coconino County Residents:



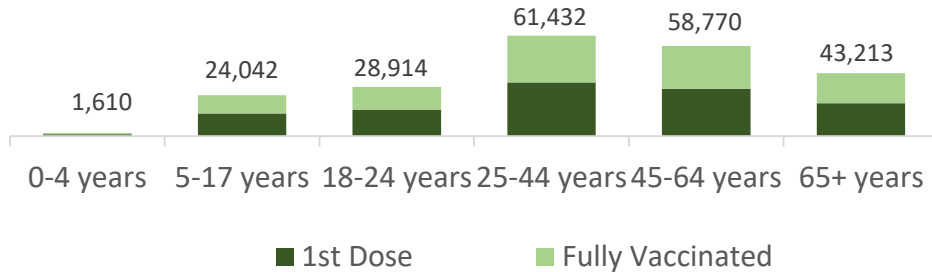
*Cases reported from 1/1/22-1/28/23

COVID-19 Situation Summary*

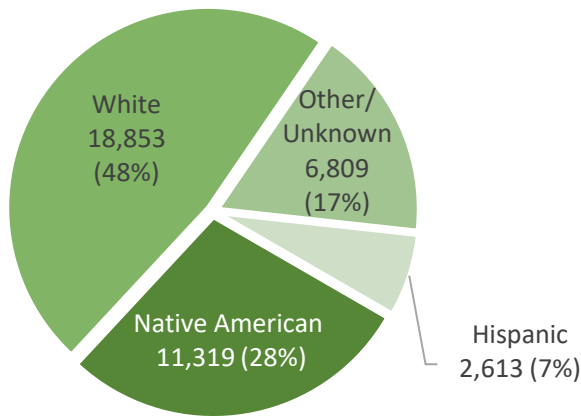
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

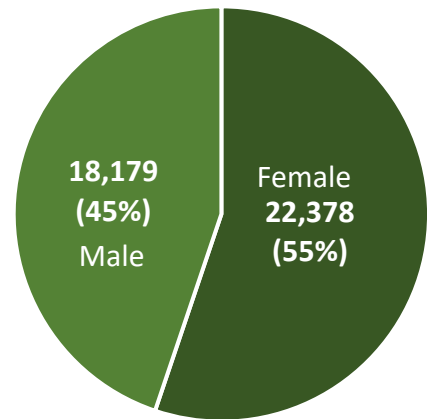
Total Vaccinations by Age



Up-To-Date by Race**



Up-To-Date by Sex

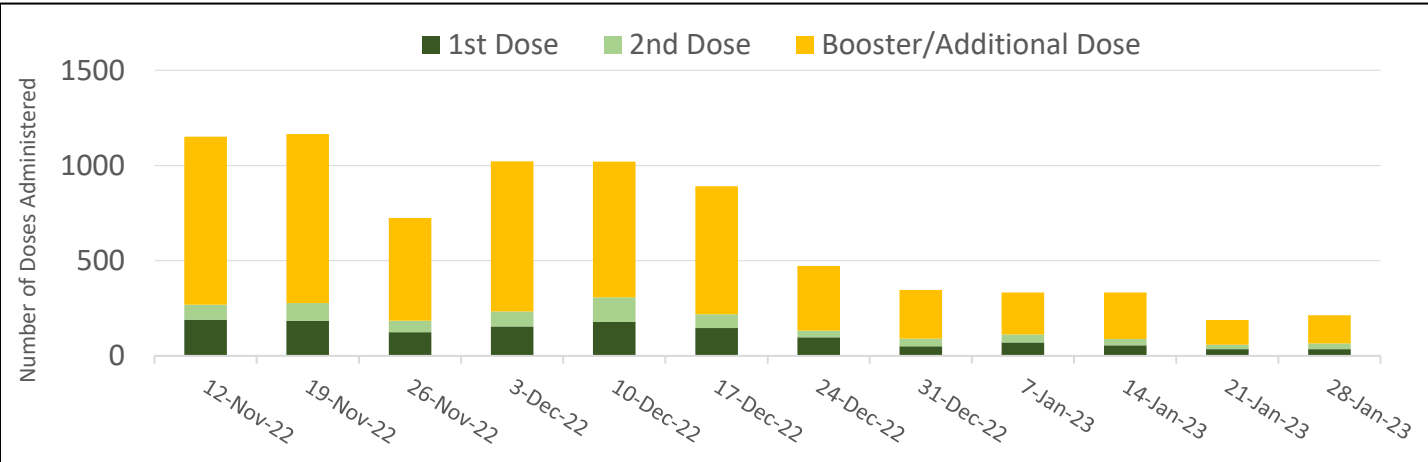


**The following races account for less than 3% of total Up-To-Date: Asian or Pacific Islander (707) and Black or African American (282).

Total Fully Vaccinated: 82,443
(57.8% of eligible population)

49.1% of fully vaccinated individuals have received a booster/additional dose

Weekly Vaccine Counts Among Coconino County Residents:



*Vaccinations reported from 12/01/20-1/28/23

COVID-19 Situation Summary*

Location:

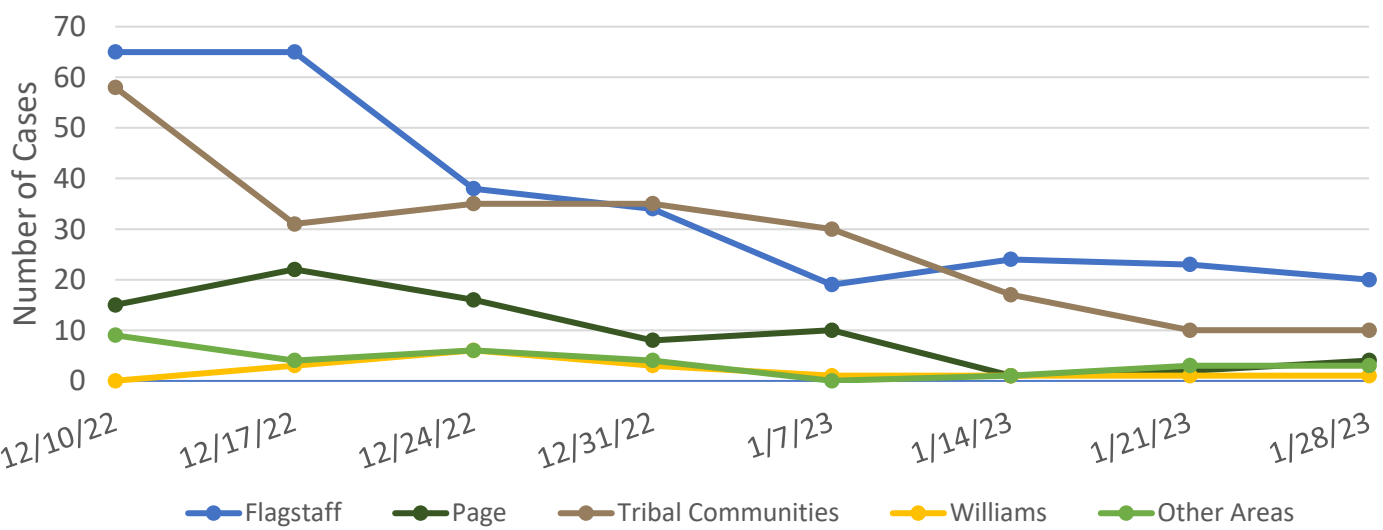
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
Flagstaff	14,612	15,240	23.6%	48.0%
Page	1,238	16,395	30.2%	47.0%
Tribal Communities	5,839	23,127	25.2%	56.6%
Williams	390	6,443	21.6%	40.8%
Grand Canyon	168	7,254	24.0%	41.2%
Other Areas	649	11,515	22.2%	45.1%

*Cases reported from 1/1/22-1/28/23. [†]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 4 was observed in the Grand Canyon with an incidence of 86.4 per 100,000.
- The **lowest cumulative** percentage of the population **up-to-date** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 1/1/22-1/28/23

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
0-4 years	888	11,440	17.4%	3.5%
5-17 years	3,250	14,613	17.8%	33.7%
18-24 years	4,591	15,539	20.1%	31.9%
25-44 years	7,069	20,305	19.1%	42.1%
45-64 years	4,717	15,078	16.8%	57.7%
65+ years	2,379	14,008	15.4%	72.7%

*Cases reported from 1/1/22-1/28/23. [†]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.

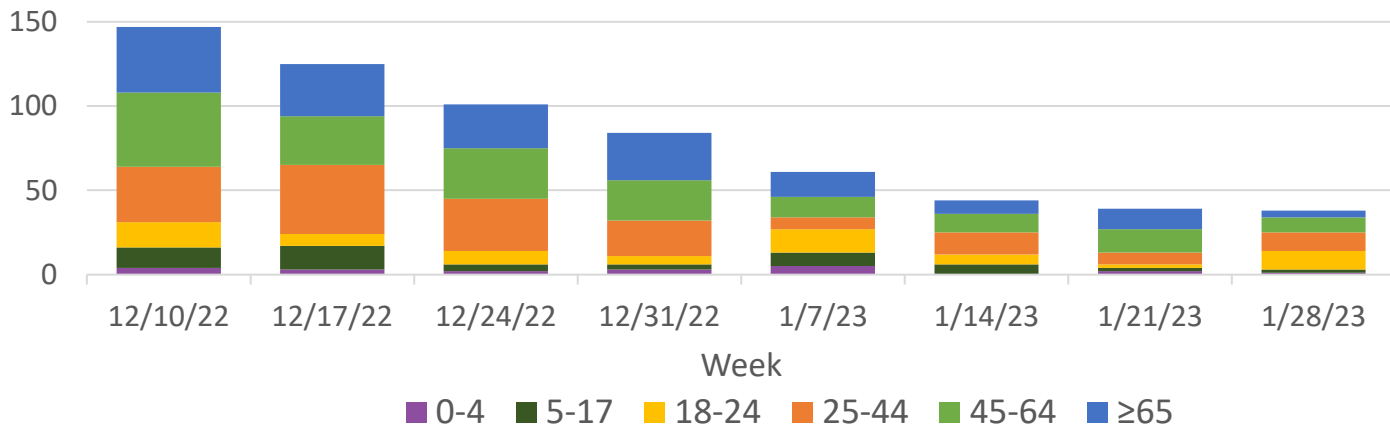
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 4 was observed among residents aged 18-24 with an incidence of 37 per 100,000.
- The highest **positivity yield** for week 4 was observed among residents aged 18-24 with a positivity yield of 4.4%.
- 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 1/1/22-1/28/23

Race/Ethnicity:

Race/ Ethnicity	Positive Cases	Case Incidence per 100,000	% of Population Up-to-Date on Vaccination [‡]
Native American	7,350	19,140	54.9%
White	8,123	10,116	59.5%
Hispanic	2,823	13,571	41.5%
Black or African American	298	11,830	44.2%
Asian/ Pacific Island	355	10,735	51.6%
Other/ Unknown	3,947	N/A	N/A

*Cases reported from 1/1/22-1/28/23. [‡]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	12,573	17,431	23.1%	51.5%
Male	10,221	14,576	25.7%	46.7%

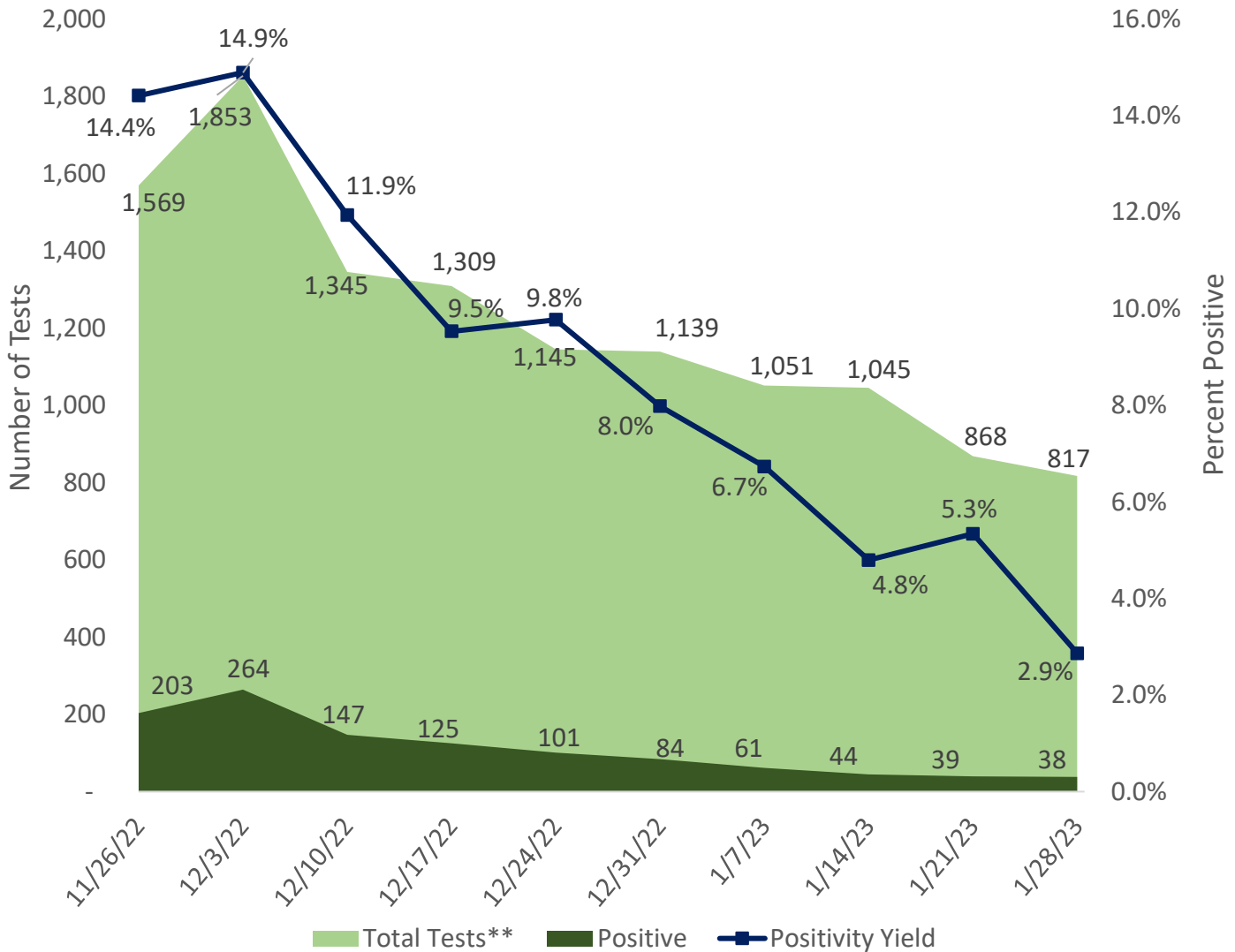
*Cases reported from 1/1/22-1/28/23. [‡]Population Estimates include residents aged 5 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 35% more tests than male residents in 2022 and 2023.
- Male residents have higher testing positivity yields.

COVID-19 Situation Summary*

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 and 2023:

People Tested: A total of 39,205 Coconino County residents have been tested.

Tests Conducted: A total of 152,279 tests have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 2,818 in 2022 and 2023**

*Cases reported from 1/1/22-1/28/23

COVID-19 Situation Summary*

Hospitalizations in 2022 and 2023

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

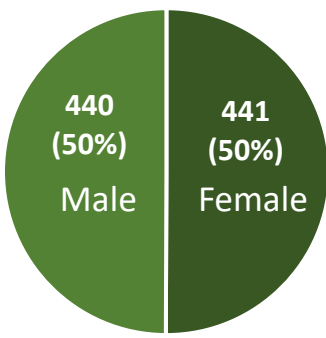
Percentage of Cases
3.8%

Hospitalized
881

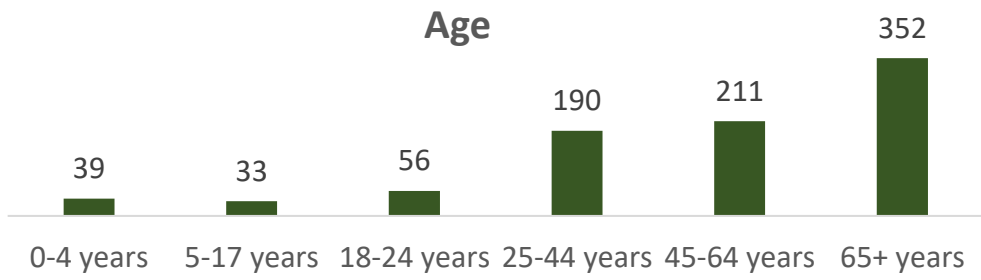
Hospitalizations Per 100,000
617

In 2022 and 2023, 10% of hospitalized residents were in the ICU and 3% were intubated.

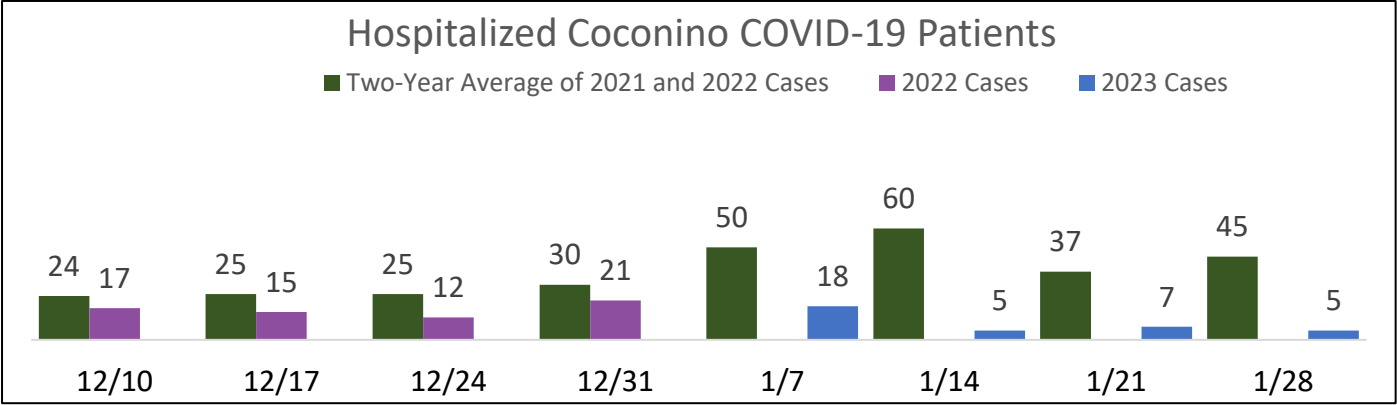
Sex



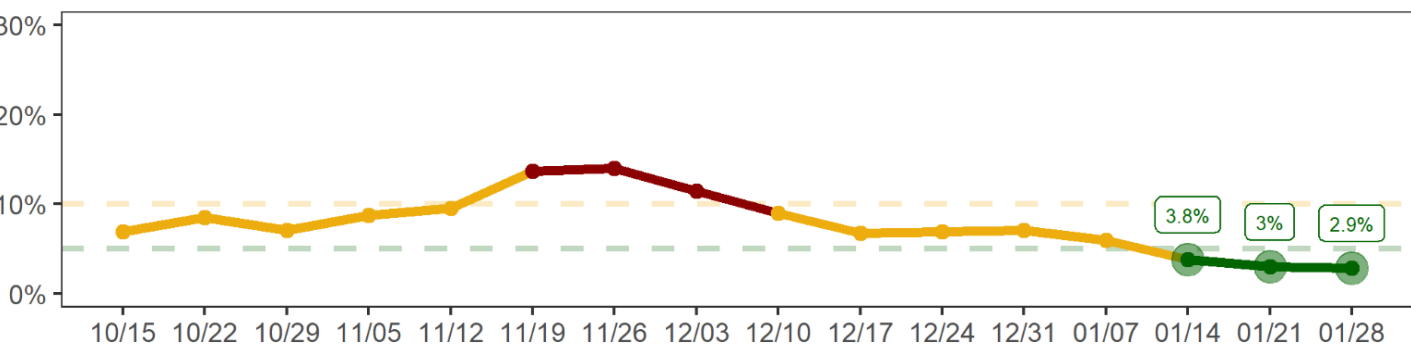
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



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



*Cases reported from 1/1/22-1/28/23

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

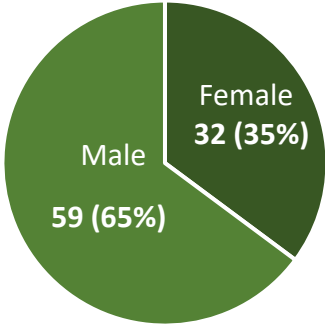
COVID-19 Related Deaths in 2022 and 2023:

Percentage of Cases
0.4%

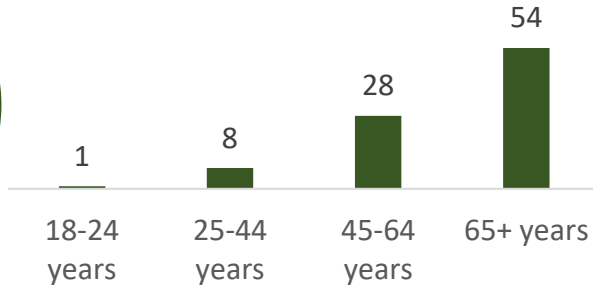
Deaths
91

Fatalities Per 100,000
63.8

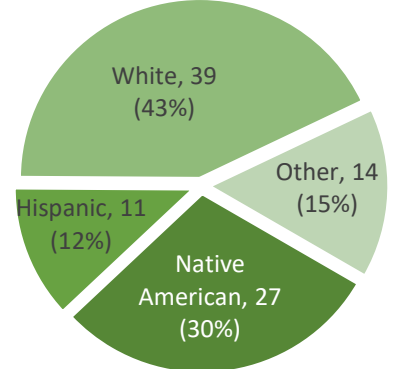
Sex



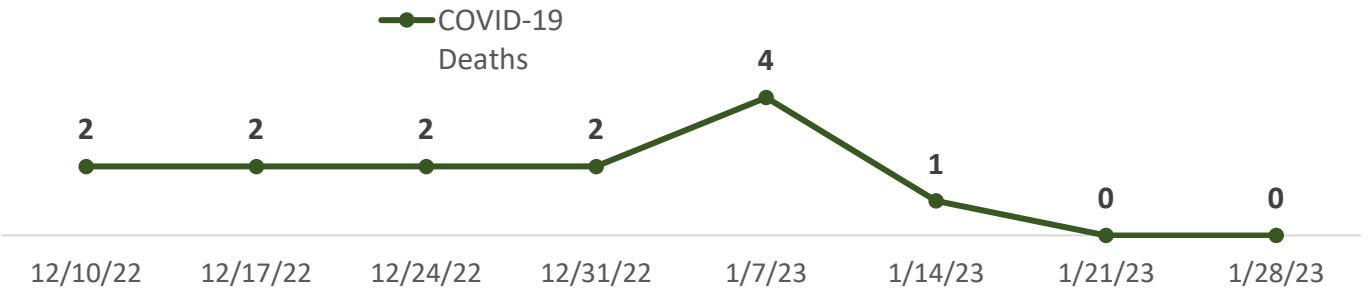
Coconino COVID-19 Deaths by Age



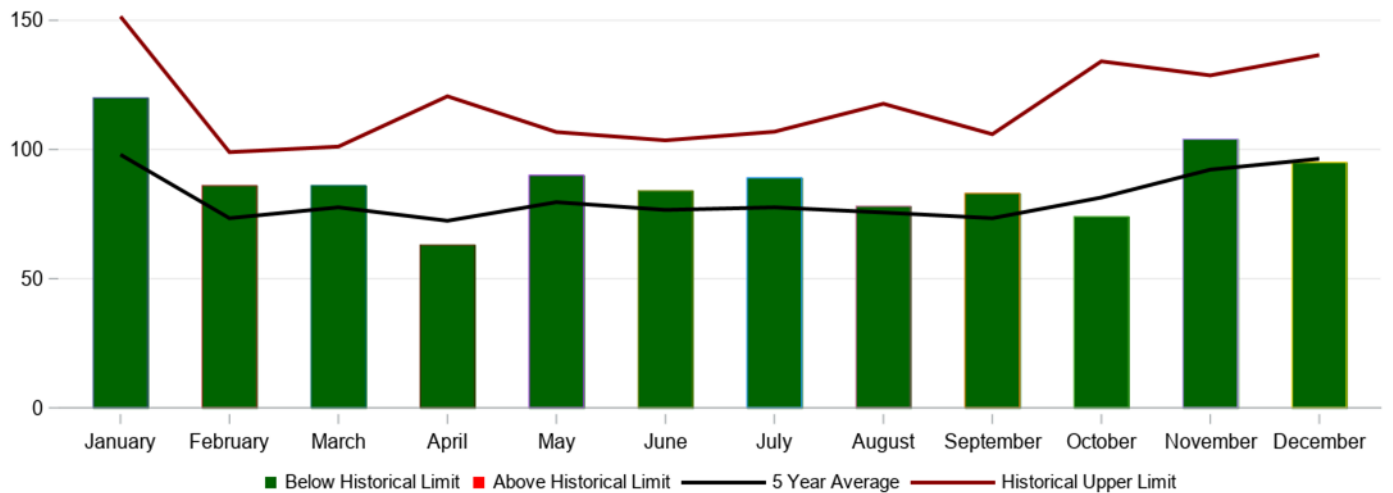
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2022 All Deaths Aberration



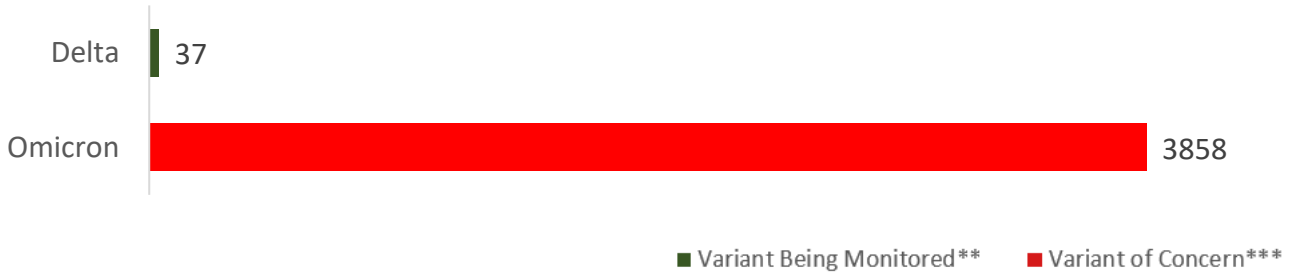
*Cases reported from 1/1/22-1/28/23

COVID-19 Situation Summary*

*Cases reported from 1/1/22-1/28/23

COVID-19 Variants in 2022 and 2023:

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 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/)

3,895 positive SARS-CoV-2 samples from Coconino County residents have been sequenced in 2022 and 2023 by partnering laboratories to identify circulating variants.

Variants Being Monitored and Variants of Concern by Month

