

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 17 (4/24/2022- 4/30/2022)

COCONINO COUNTY
May 6, 2022



COCONINO
COUNTY ARIZONA
Health & Human Services

Situation Summary

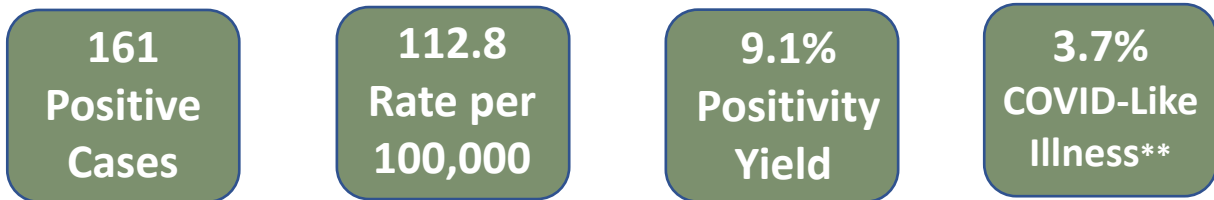


MMWR Week 17 (4/24/2022-4/30/2022)

A total of 14,624 positive COVID-19 cases have been reported among Coconino County residents from January 1, 2022 – April 30, 2022.

Deaths (2022): 43 (0.3% of cases)
Hospitalizations (2022): 320 (2.2% of cases)
Total Up-To-Date: 40,902 (51.5% of fully vaccinated)

Cases Reported Week 17 (April 24, 2022 - April 30, 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: 1.4	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0% Coconino: 1.3%	10.0-19.9%	≥15.0%

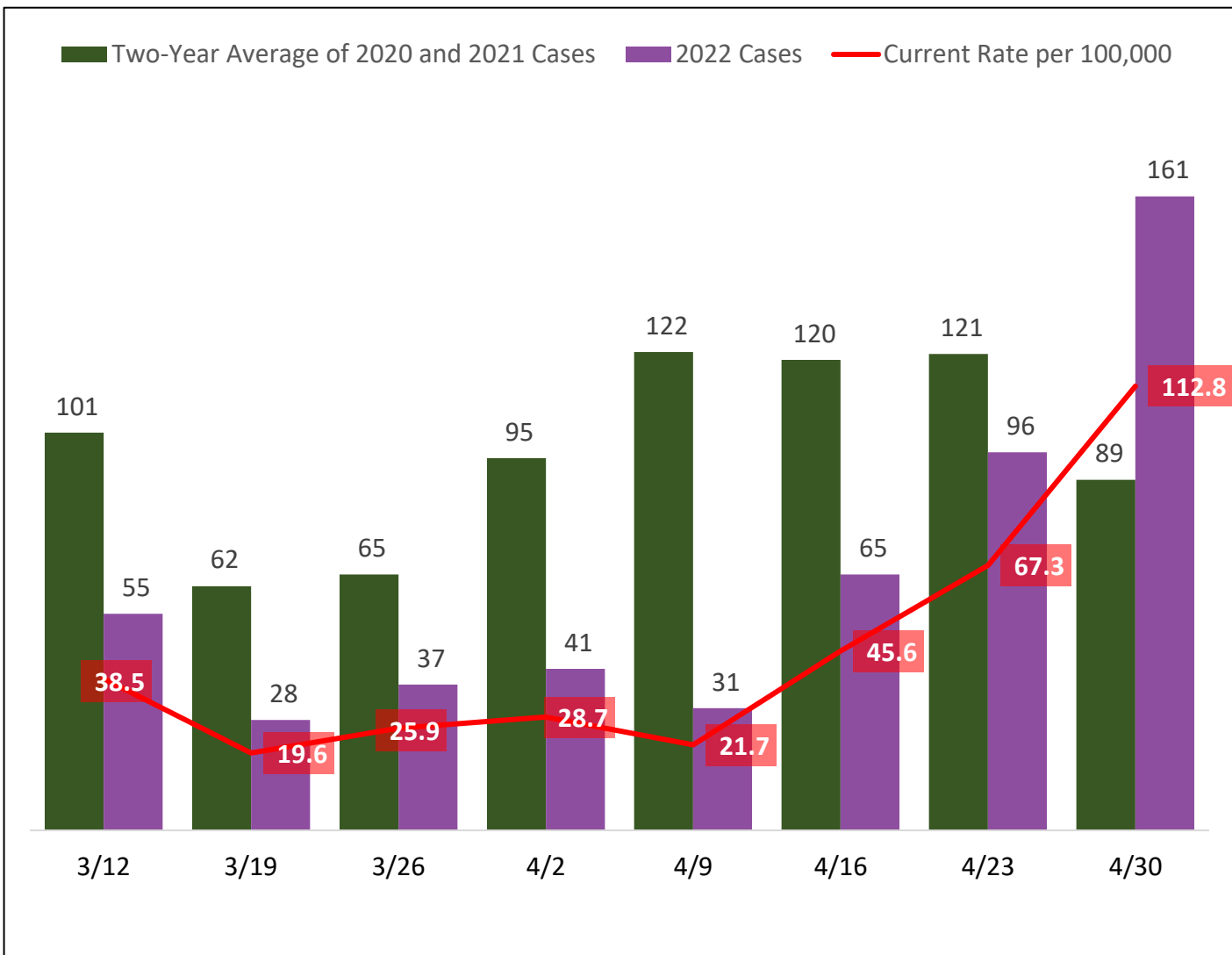
[‡]The COVID-19 community level is determined by the higher of the inpatient beds and new admissions indicators, based on the current level of new cases per 100,000 population in the past 7 days. For more information about the CDC's Community Levels see: <https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>. 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 – April 30, 2022):

14,624 Positive Cases	88,897 Total Tests	22,800 People Tested	25.9% Positivity Yield
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Weekly Case Counts Among Coconino County Residents:



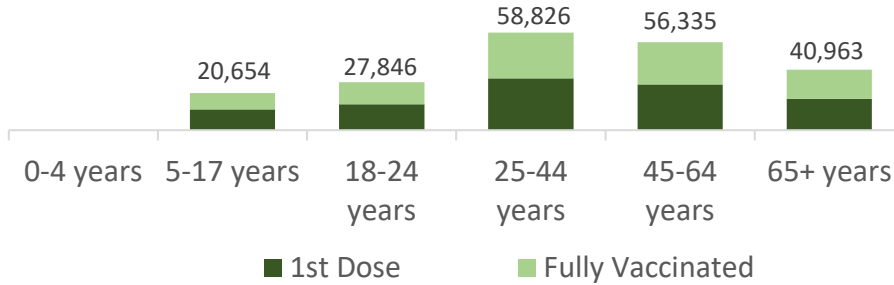
*Cases reported from 1/1/22-4/30/22

COVID-19 Situation Summary*

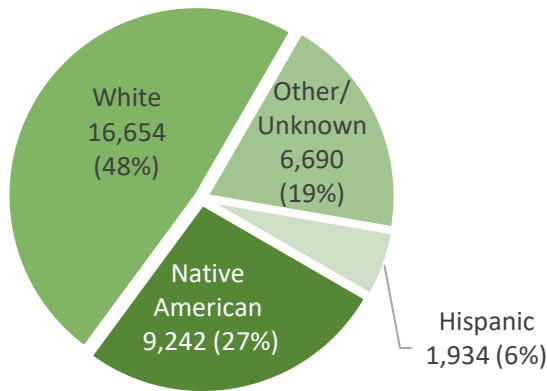
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

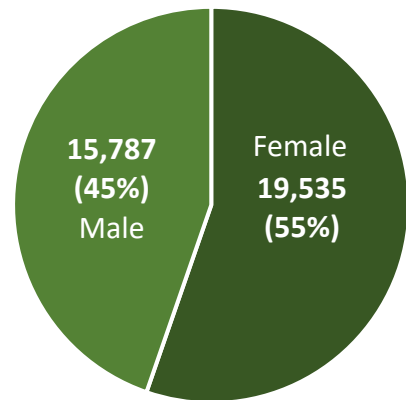
Total Vaccinations by Age



Up-To-Date by Race**



Up-To-Date by Sex

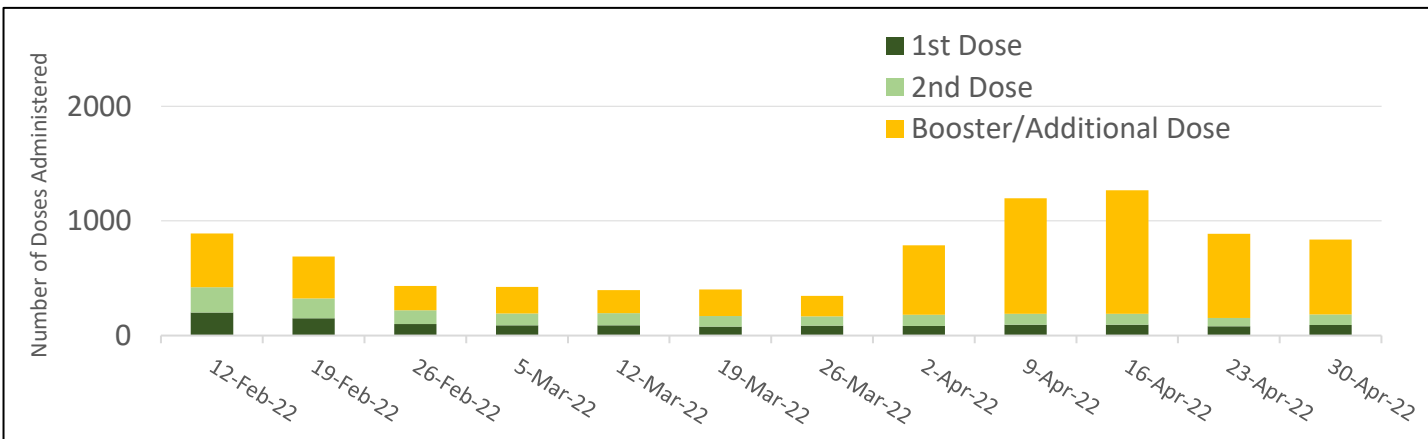


**The following races account for less than 1% of total Up-To-Date: Asian or Pacific Islander (592) and Black or African American (242).

Total Fully Vaccinated: 79,477
(58.9% of eligible population)

51.5% of fully vaccinated individuals have received a booster/additional dose

Weekly Vaccine Counts Among Coconino County Residents:



*Vaccinations reported from 12/01/20-4/30/22

Location:

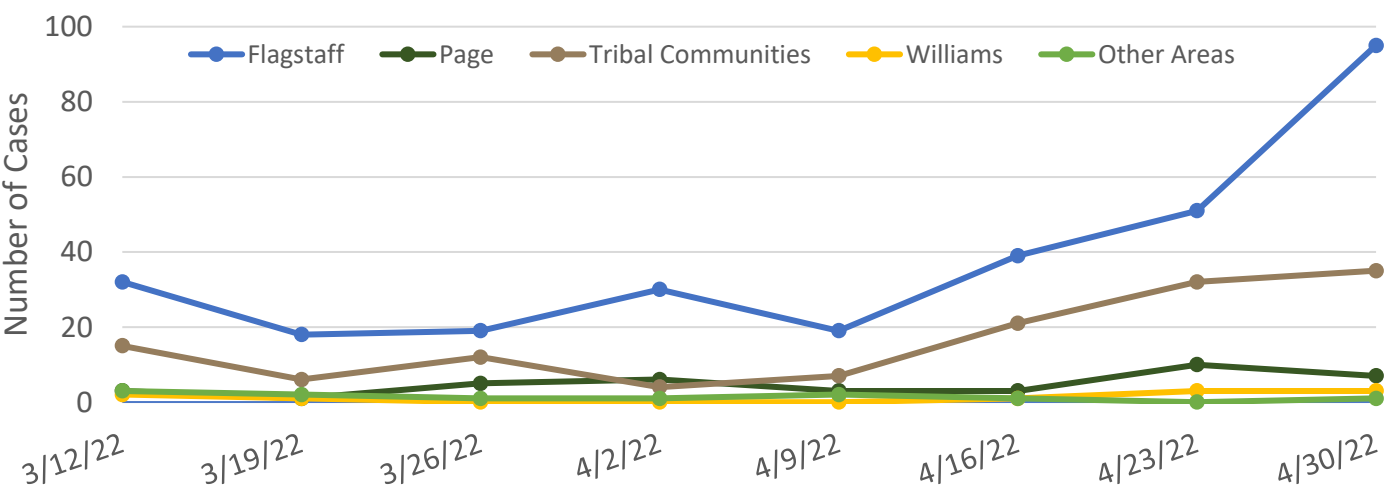
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
Flagstaff	9,935	10,362	26.4%	43.9%
Page	678	8,979	27.5%	42.5%
Tribal Communities	3,225	12,773	32.6%	50.1%
Williams	270	4,461	28.8%	35.1%
Grand Canyon	135	5,829	29.1%	38.0%
Other Areas	361	6,405	24.0%	40.1%

*Cases reported from 1/1/22-4/30/22. [†]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 17 was observed in Tribal Communities and Flagstaff with an incidence of 138.6 and 99.1 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 1/1/22-4/30/22

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [‡]
0-4 years	565	7,279	23.8%	N/A
5-17 years	2,431	10,931	25.5%	21.1%
18-24 years	3,435	11,626	19.9%	28.5%
25-44 years	4,566	13,115	21.0%	38.1%
45-64 years	2,674	8,548	17.8%	52.9%
65+ years	953	5,611	14.5%	67.5%

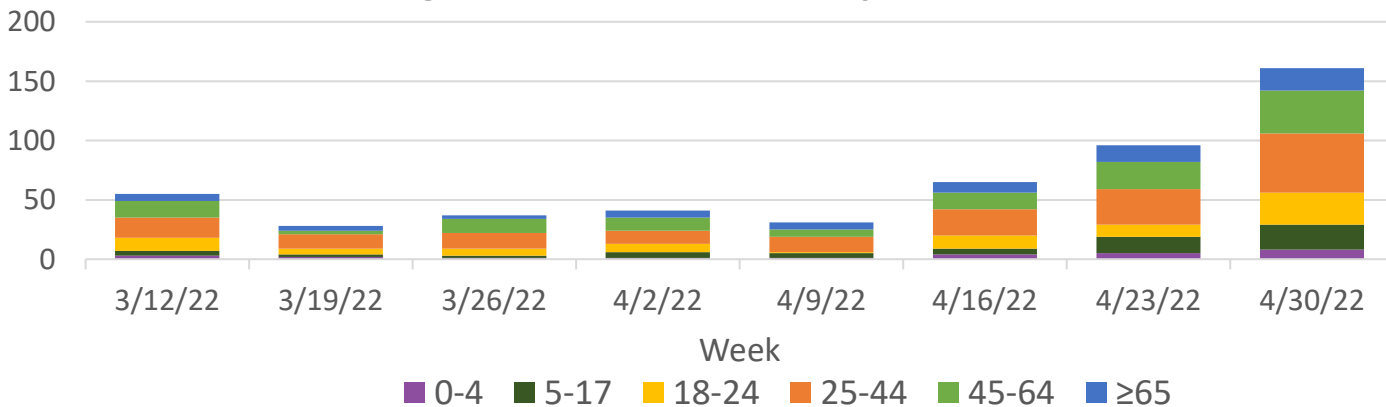
*Cases reported from 1/1/22-4/30/22. [‡]Population estimates include residents aged 5 and older. Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

The median age of Coconino County COVID-19 cases is 29 years old

Key Take Away

- The highest **case incidence** for week 17 was observed among residents aged 25-44 with an incidence of 144 per 100,000.
- The highest **positivity yield** for week 17 was observed among residents aged 5-17 with a positivity yield of 11.2%.
- 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 1/1/22-4/30/22

Race/Ethnicity:

Race/ Ethnicity	Positive Cases	Case Incidence per 100,000	% of Population Up-to-Date on Vaccination [‡]
Native American	5,051	13,153	47.3%
White	5,337	6,647	54.7%
Hispanic	2,057	9,889	32.1%
Black or African American	229	9,091	39.5%
Asian/ Pacific Island	246	7,439	45.5%
Other/ Unknown	1,704	N/A	N/A

*Cases reported from 1/1/22-4/30/22. [‡]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:

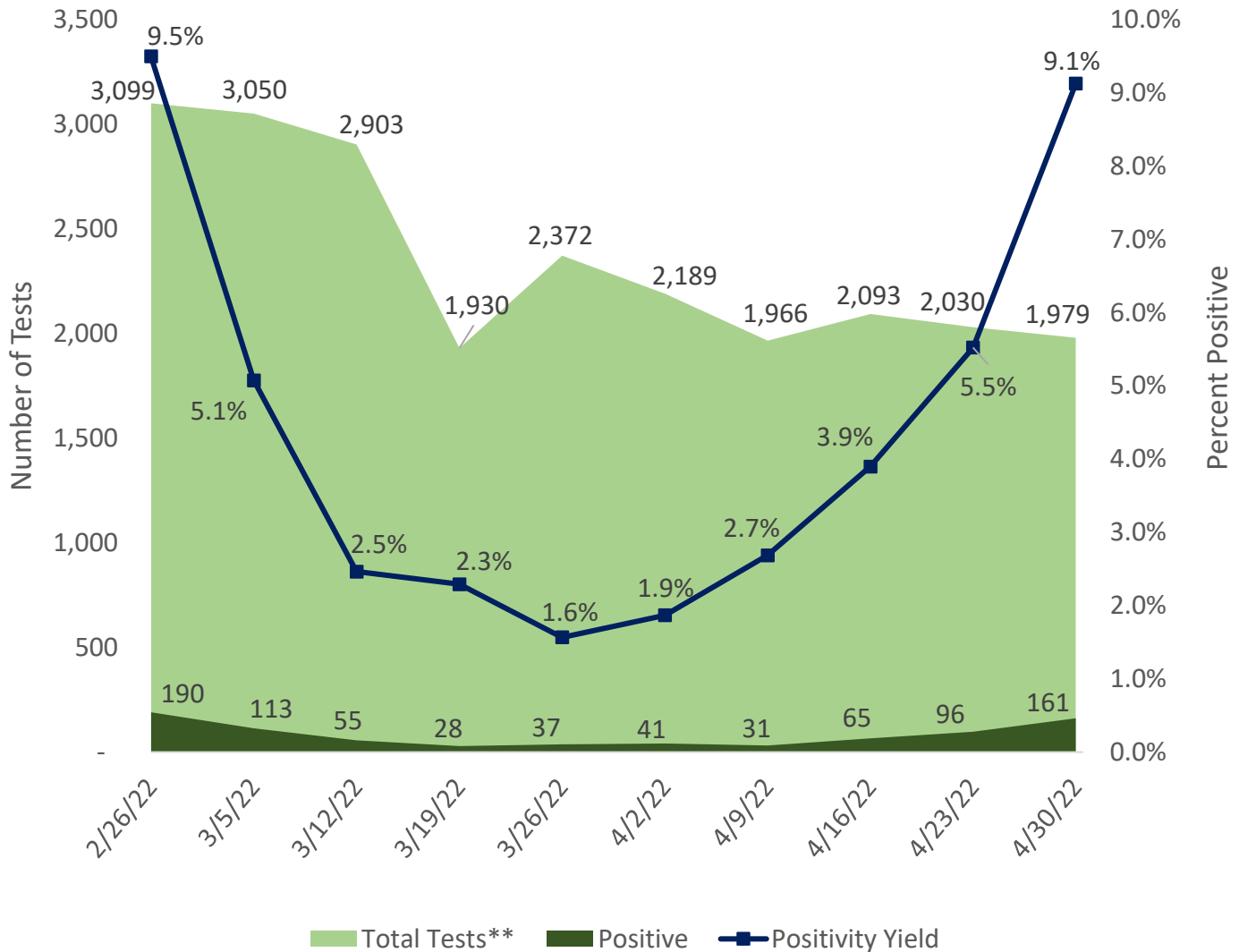
Sex	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [‡]
Female	7,940	11,008	25.6%	46.6%
Male	6,622	9,443	29.5%	42.2%

*Cases reported from 1/1/22-4/30/22. [‡]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 42% 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 22,800 Coconino County residents have been tested.

Tests Conducted: A total of 88,897 tests have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 1,154 in 2022**

*Cases reported from 1/1/22-4/30/22

Hospitalizations in 2022

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

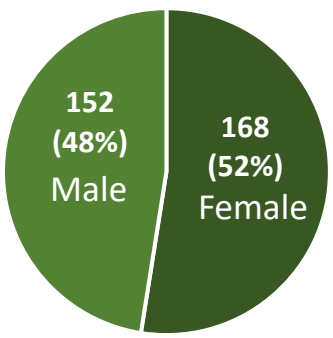
Percentage of Cases
2.2%

Hospitalized
320

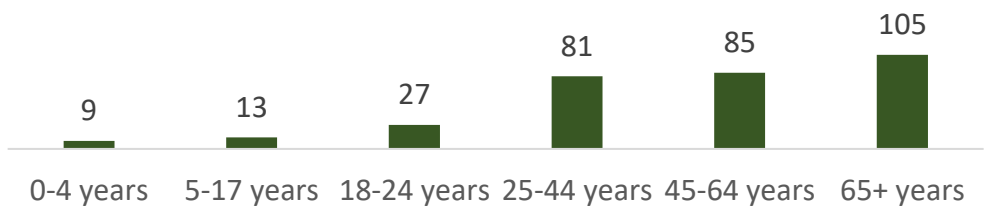
Hospitalizations Per 100,000
224

In 2022, 11% of hospitalized residents were in the ICU and 3% were intubated.

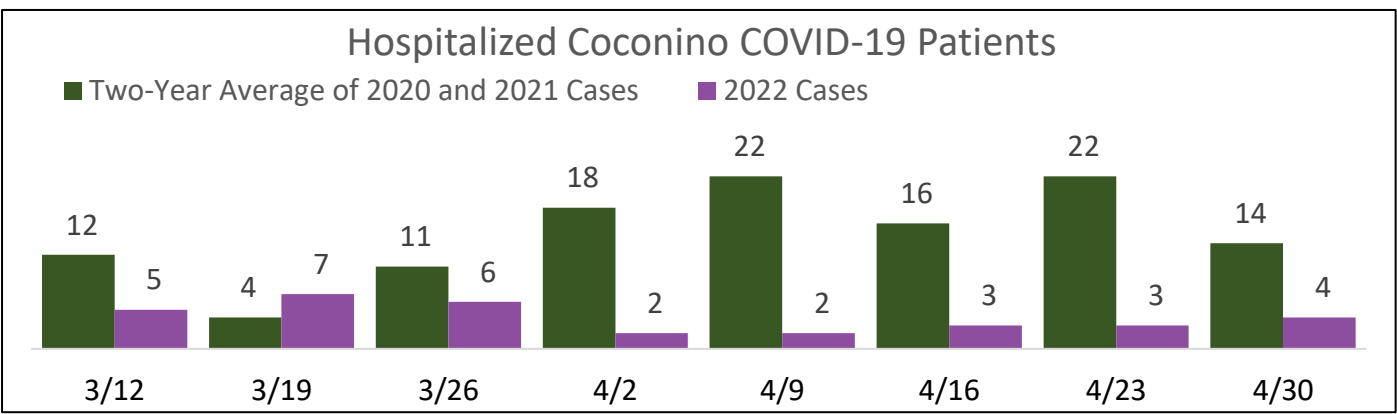
Sex



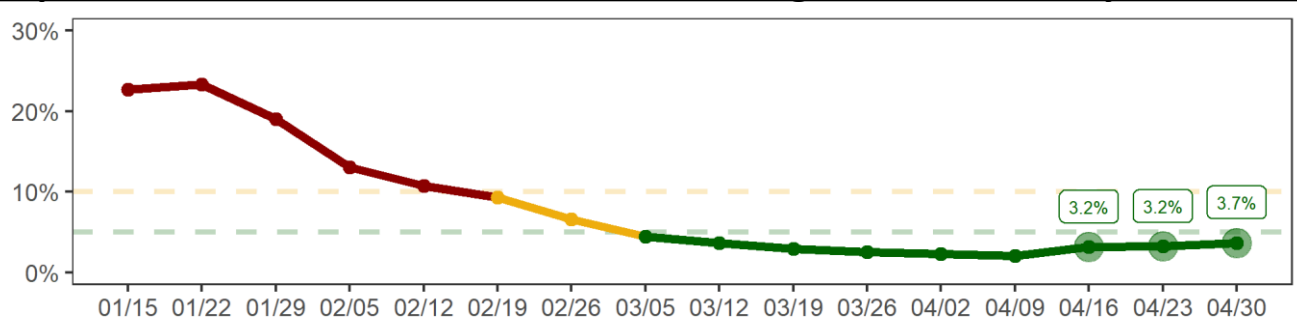
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



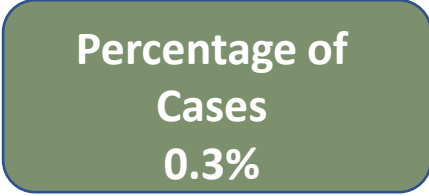
Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



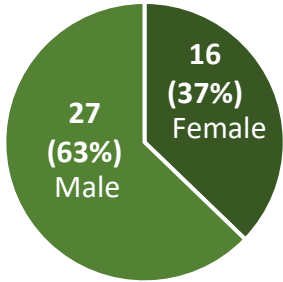
*Cases reported from 1/1/22-4/30/22

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

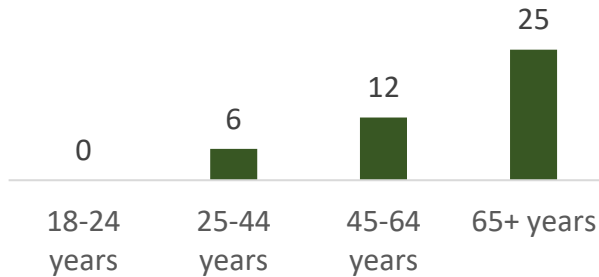
COVID-19 Related Deaths in 2022:



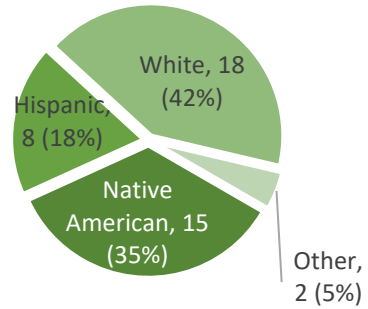
Sex



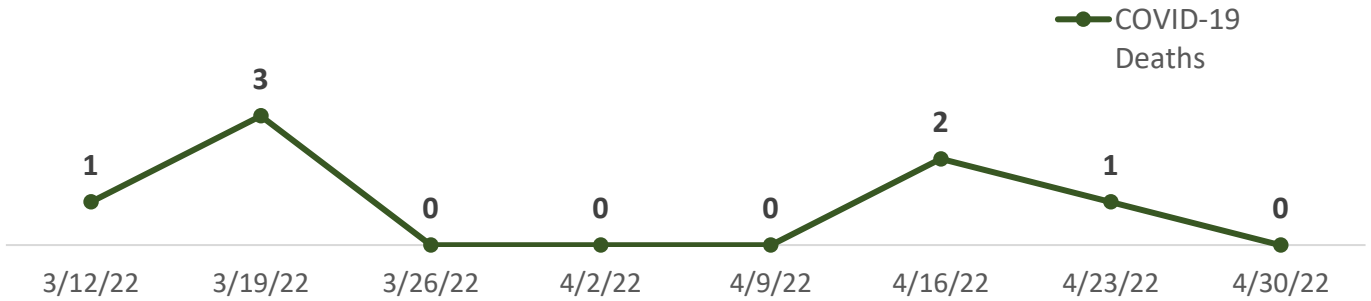
Coconino COVID-19 Deaths by Age



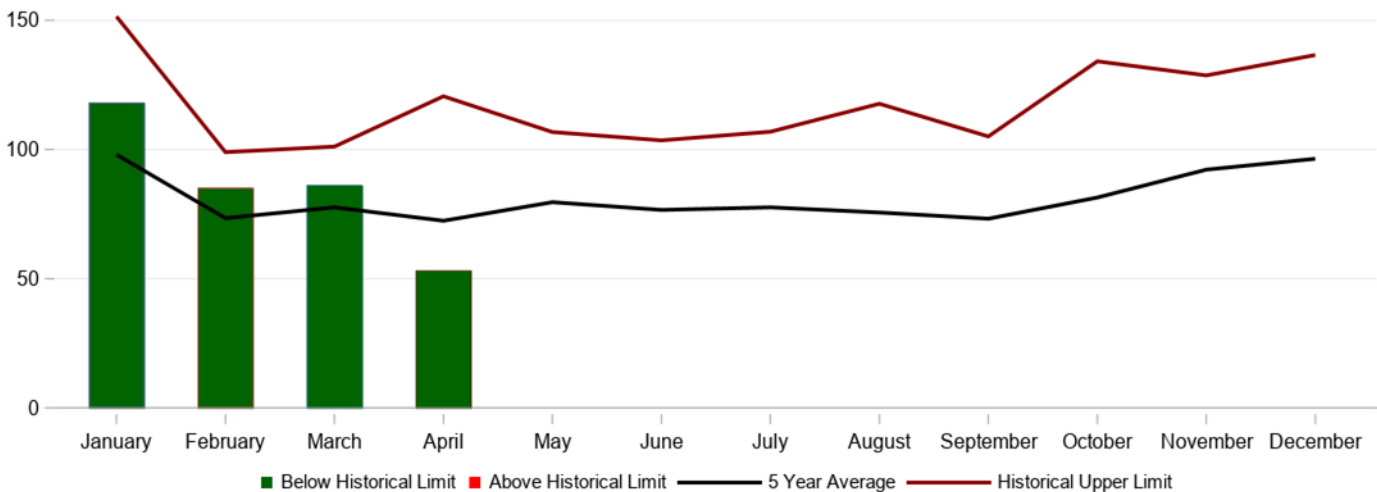
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2022 All Deaths Aberration



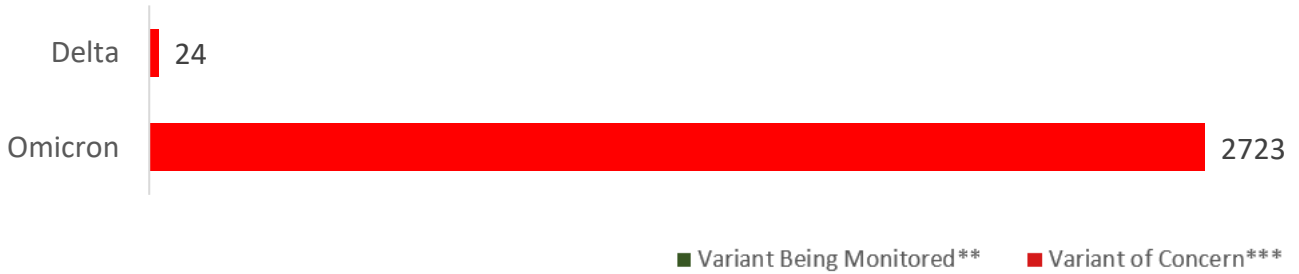
*Cases reported from 1/1/22-4/30/22

COVID-19 Situation Summary*

*Cases reported from 1/1/22-4/30/22

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/Arizona-COVIDseq-Tracker/)

2,747 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

