

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 53 (12/27/2020- 1/02/2021)

COCONINO COUNTY  
*January 8, 2021*

The logo for Coconino County Arizona Health & Human Services. It features a stylized mountain range in shades of green and brown to the left of the text. The text is arranged in three lines: "COCONINO" in a large, bold, teal font, "COUNTY ARIZONA" in a smaller, teal font, and "Health & Human Services" in a brown font.

**COCONINO**  
COUNTY ARIZONA  
Health & Human Services

# Situation Summary



MMWR Week 53 (12/27/2020-1/02/2021)

**A total of 11,738 confirmed COVID-19 cases have been reported among Coconino County residents through week 53.**

**Deaths: 210** (2% of cases)

**Probable Deaths: 5**

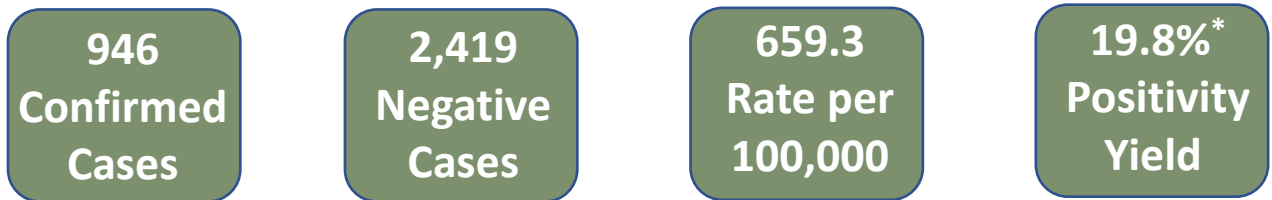
**Recovered Cases: 8,376**

(71% of cases)

**Hospitalizations: 906**

(8% of cases)

## Cases Reported Week 53 (December 27, 2020 - January 2, 2021):



## Community Transmission

- Coconino County has a current **incidence rate of 659.3 per 100,000**, **percent positivity of 19.8%\***, and **COVID-19-Like-Illness incidence (CLI) of 24.0\*\***.
- Coconino County is currently at a **substantial\*\*\*** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

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.

**\*Percent positivity was calculated using only ELR data due to insufficient reporting.**

**\*\*Incidence rate and percent positivity data are from week 53 (CLI data from week 52 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

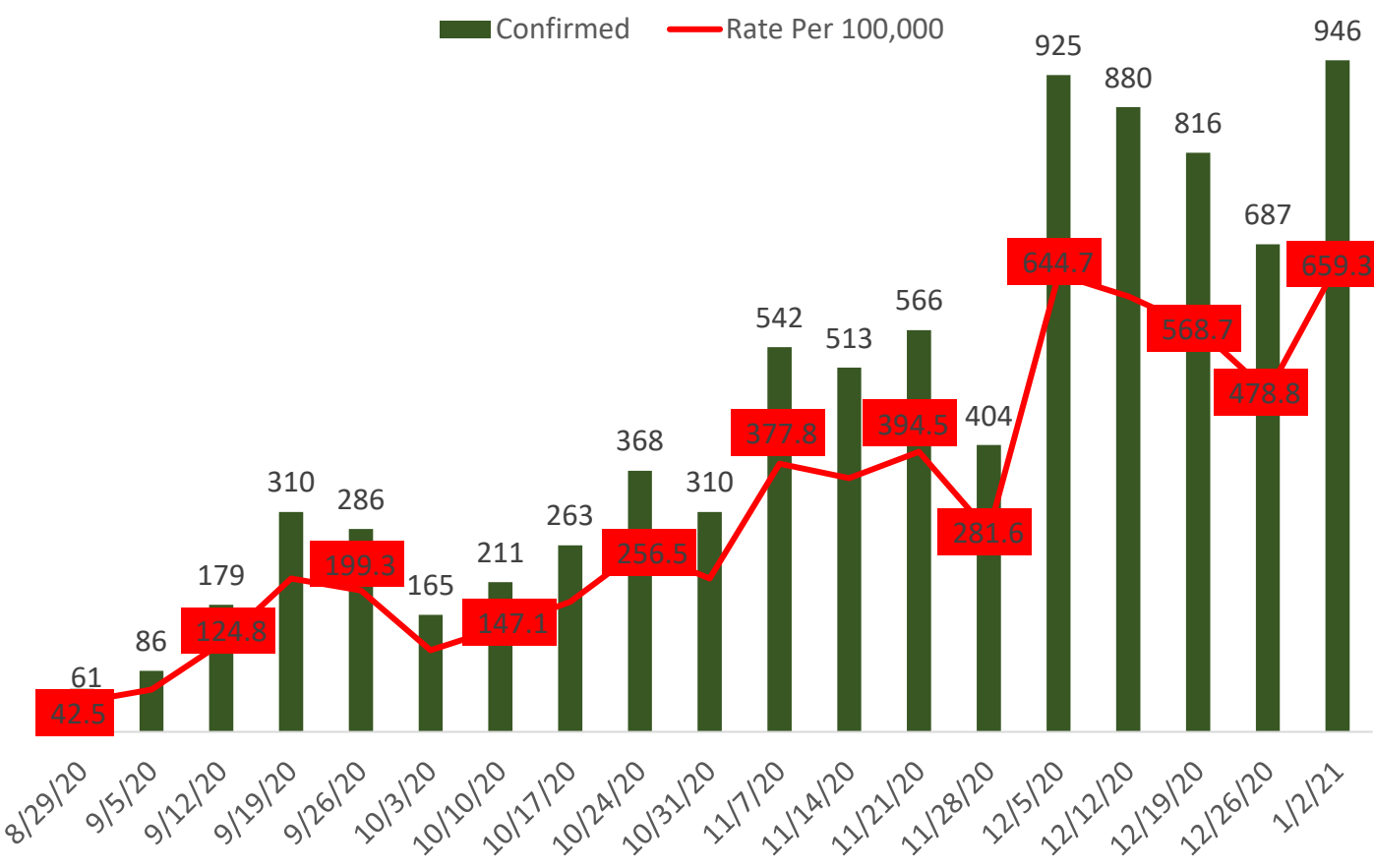
**\*\*\* ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 52 met the benchmarks for Substantial level of community spread.**

## Cumulative Counts (March 15, 2020- January 2, 2021):

<b>11,738</b> Confirmed Cases	<b>76,013</b> Negative Tests	<b>87,751</b> Total Tests Resulted	<b>13.4%</b> Positivity Yield
----------------------------------	---------------------------------	---------------------------------------	----------------------------------

**8,181.2 cases per 100,000 Coconino County Residents**  
**vs.**  
**7,993.9 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



\*Cases reported from 3/15/20-1/2/21

## Age:

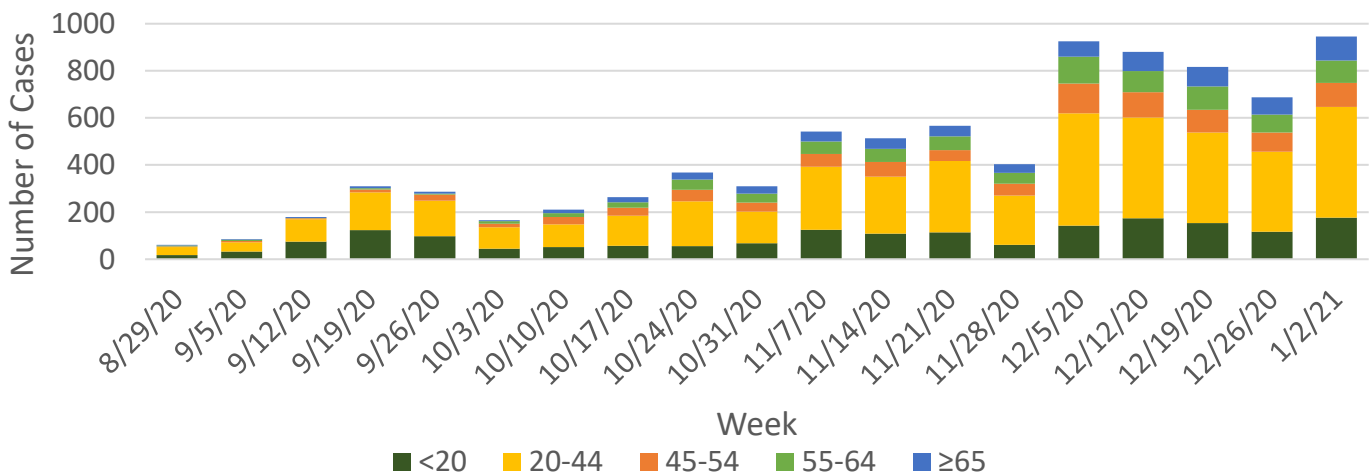
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	2,249	14,676	11.9%	36,296.2	5,562.2
20-44 years	5,885	42,269	10.3%	78,801.3	10,971.3
45-54 years	1,362	10,453	10.5%	73,380.1	9,561.2
55-64 years	1,211	10,290	9.3%	62,096.4	7,307.9
65+ years	1,031	10,052	8.1%	54,083.7	5,547.2

**The median age of Coconino County COVID-19 cases is 31 years old**

### Key Take Away

- The highest **case incidence** for week 53 was observed among residents aged 20-44 and 45-54 with an incidence of 878.1 and 709.0 per 100,000, respectively.
- The highest **positivity yield** for week 53 was observed among residents aged <20 and 65+, with a positivity yield of 24% and 21%, respectively.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 46% higher than that of 65+ years).

## Age of Confirmed Cases by Week



\*Cases reported from 3/15/20-1/2/21

# COVID-19 Situation Summary\*

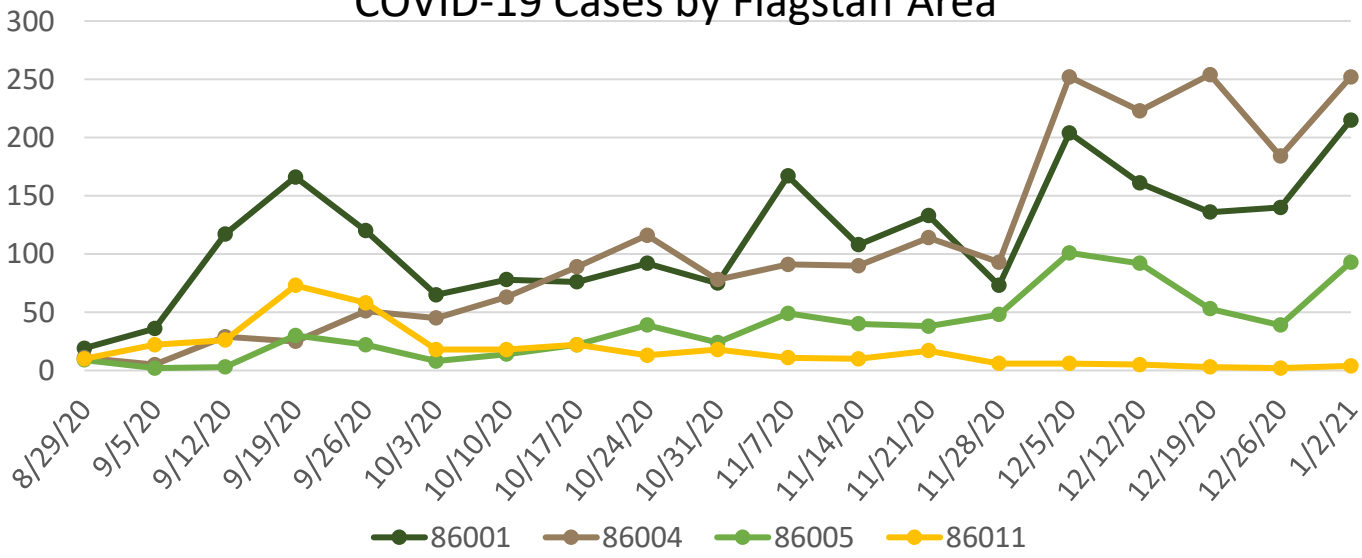
## Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	6,782	63,141	8.4%	67,854.9	7,288.3
Page	925	4,987	17.5%	66,079.2	12,256.5
Tribal Communities	3,240	13,194	15.3%	51,751.3	12,708.4
Williams	334	2,492	11.3%	47,322.4	6,342.6
Grand Canyon	104	938	10.3%	37,746.5	4,185.1
Other Areas	353	2,407	9.4%	24,994.8	3,665.6

### Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86001 and 86005 with a 35% and 58% increase, respectively.
- The highest **increase of cases** was observed in Grand Canyon and Tribal Communities with a 100% and 23% increase, respectively. The highest **decrease of cases** in Other Areas from the previous week was observed in Williams with a 19% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

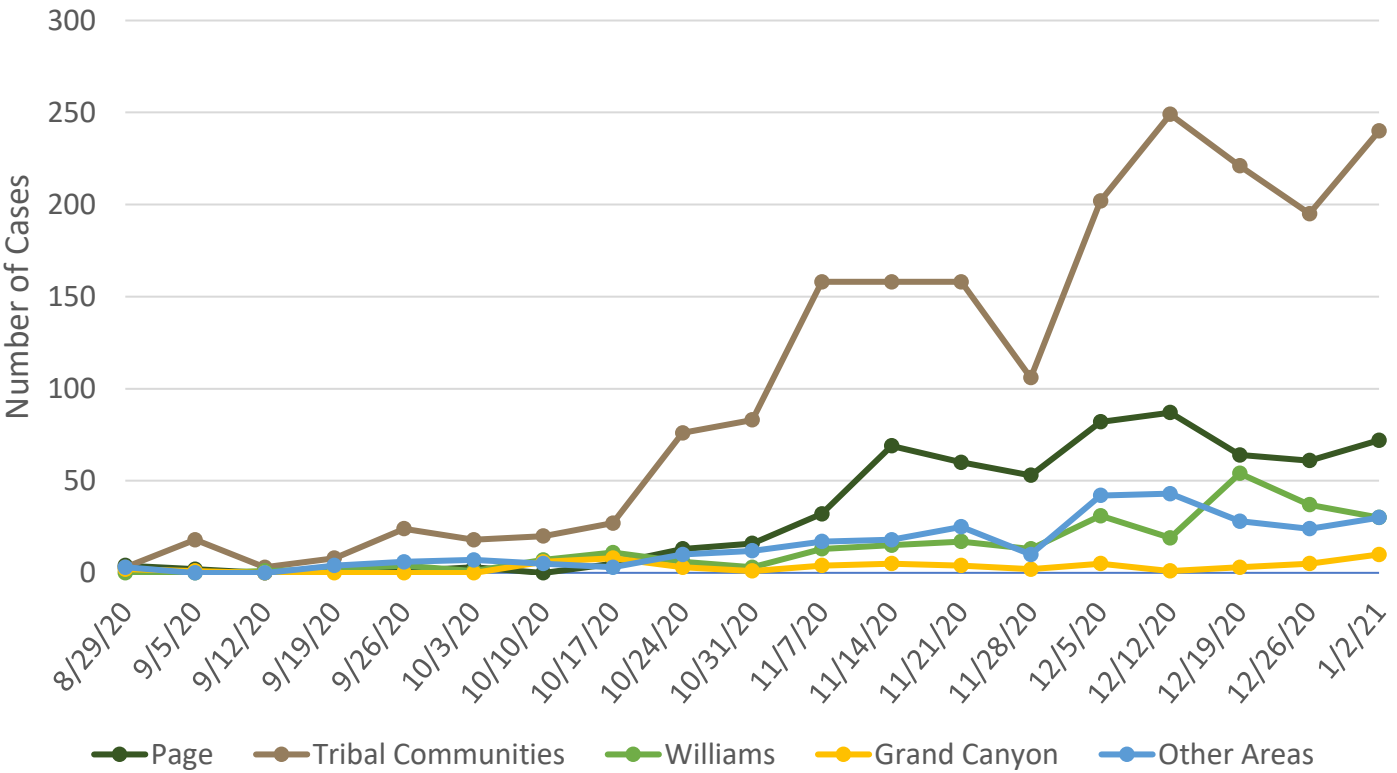
COVID-19 Cases by Flagstaff Area



\*Cases reported from 3/15/20-1/2/21

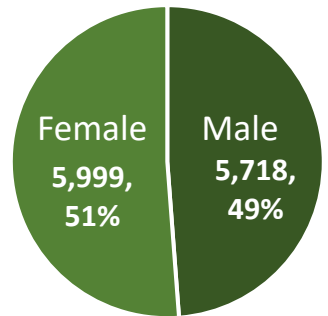
## Location:

### COVID-19 Cases by Other Geographic Area



## Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	5,999	47,186	9.4%	8,281.3
Male	5,718	40,215	10.2%	8,049.4

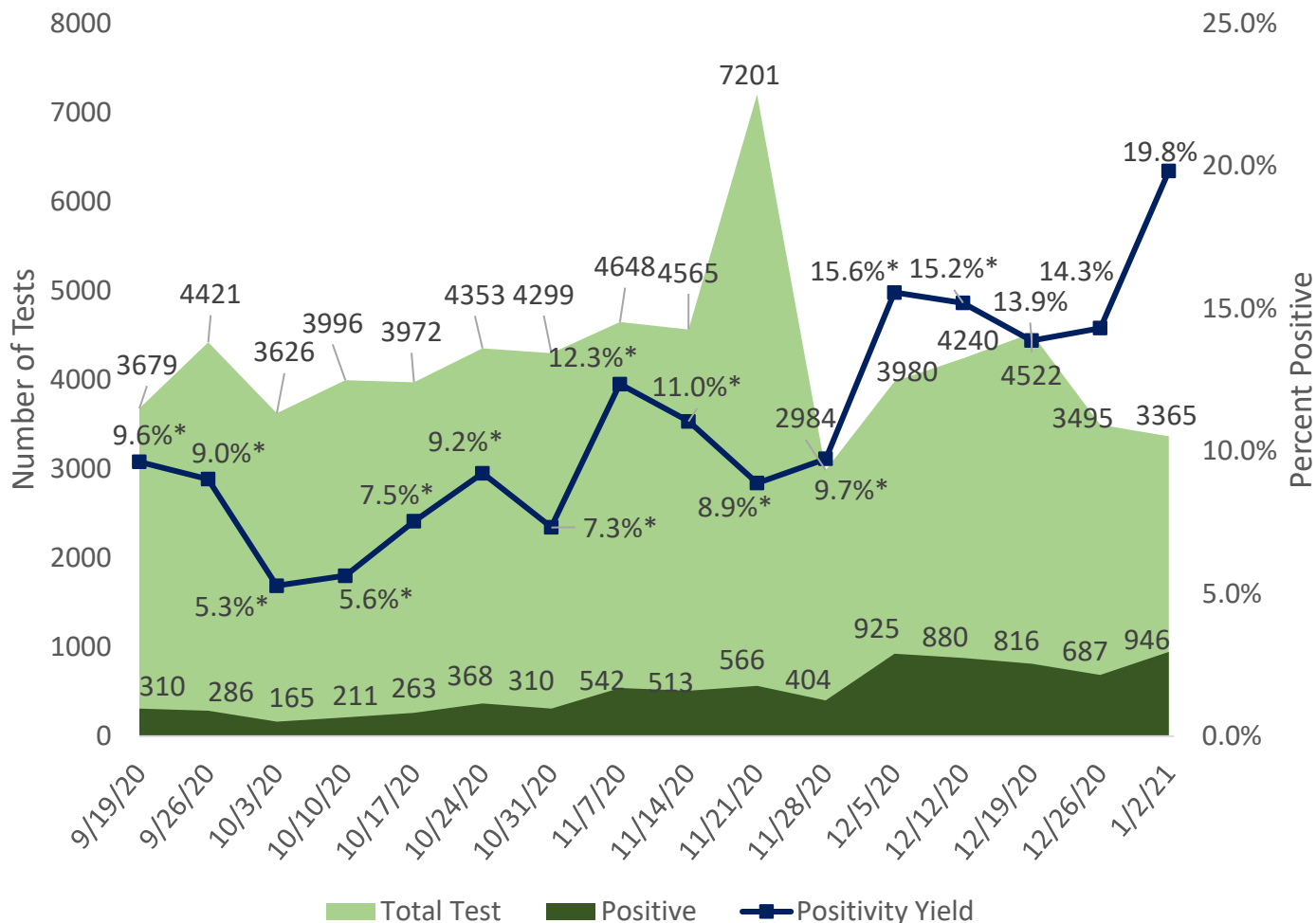


### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 17% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

\*Cases reported from 3/15/20-1/2/21

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Specimen Collection:** Coconino County response team sites have collected a total of **93,488** specimens.

Fort Tuthill: 55,384	CCHHS: 1,308	CCC: 212	NAU: 34,078
Fredonia: 41	Grand Canyon: 291	Williams: 852	Other: 1,322

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 5,017**

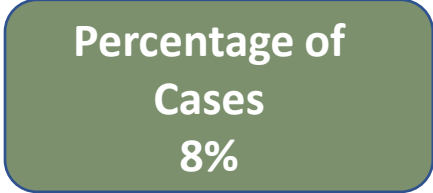
**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 190 (As of 1/2/2021)**
- **Total individuals monitored to date: 4,214**

\*Cases reported from 3/15/20-1/2/21

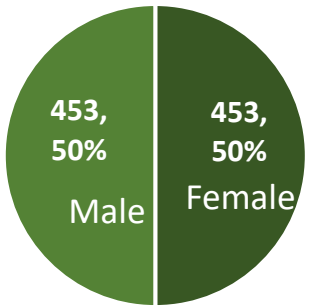
## Hospitalizations

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

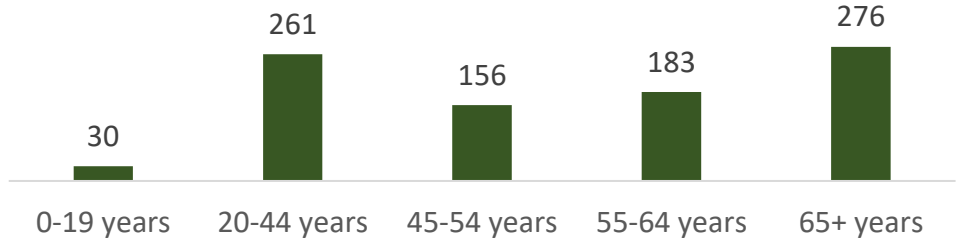


16% of hospitalized residents were in the ICU and 7% were intubated.

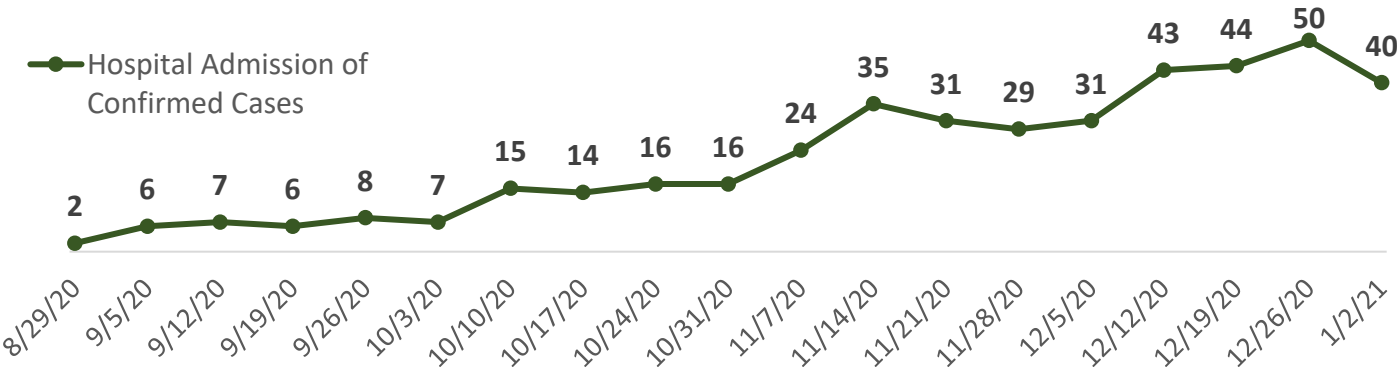
### Sex



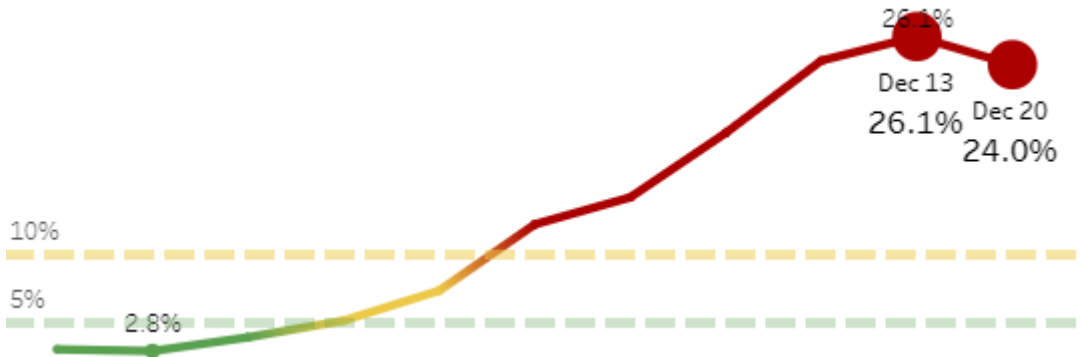
### Hospitalized Coconino COVID-19 Patients by Age



### Weekly Case Counts Among Coconino County Residents:



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



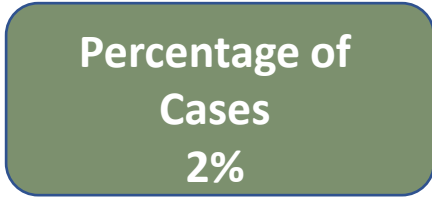
\*Cases reported from 3/15/20-1/2/21

CLI Graph provided by [Arizona Department of Health Services](#)

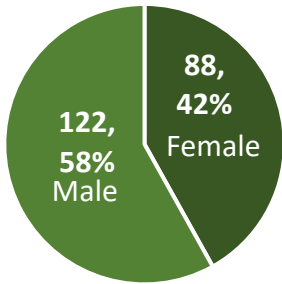


# COVID-19 Situation Summary\*

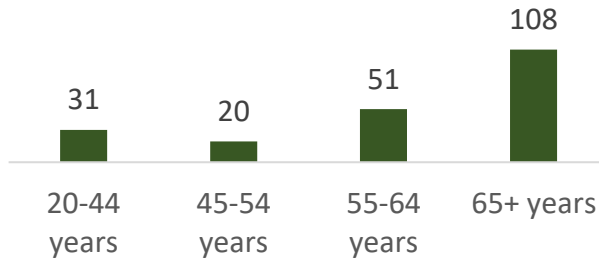
## COVID-19 Related Deaths:



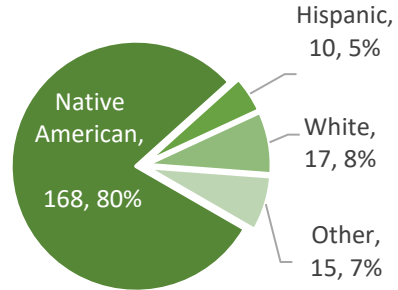
### Sex



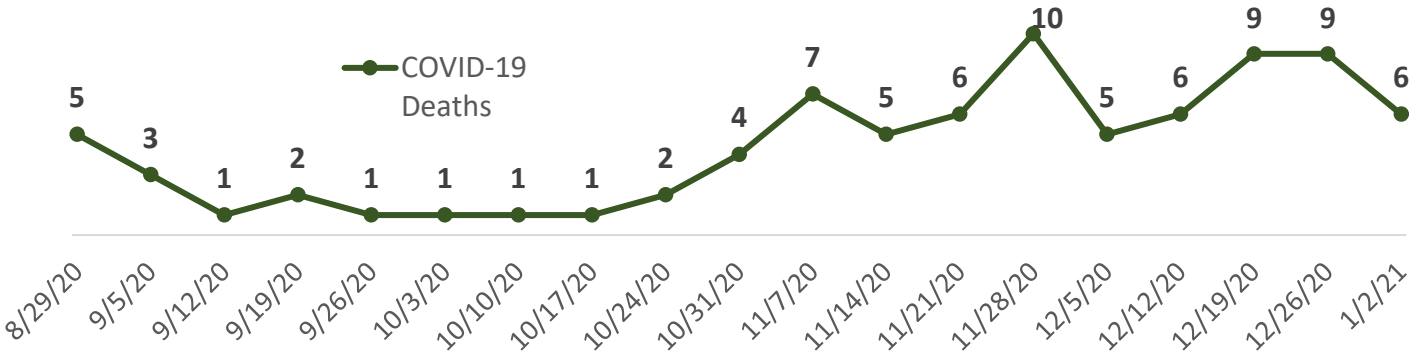
### Coconino COVID-19 Deaths by Age



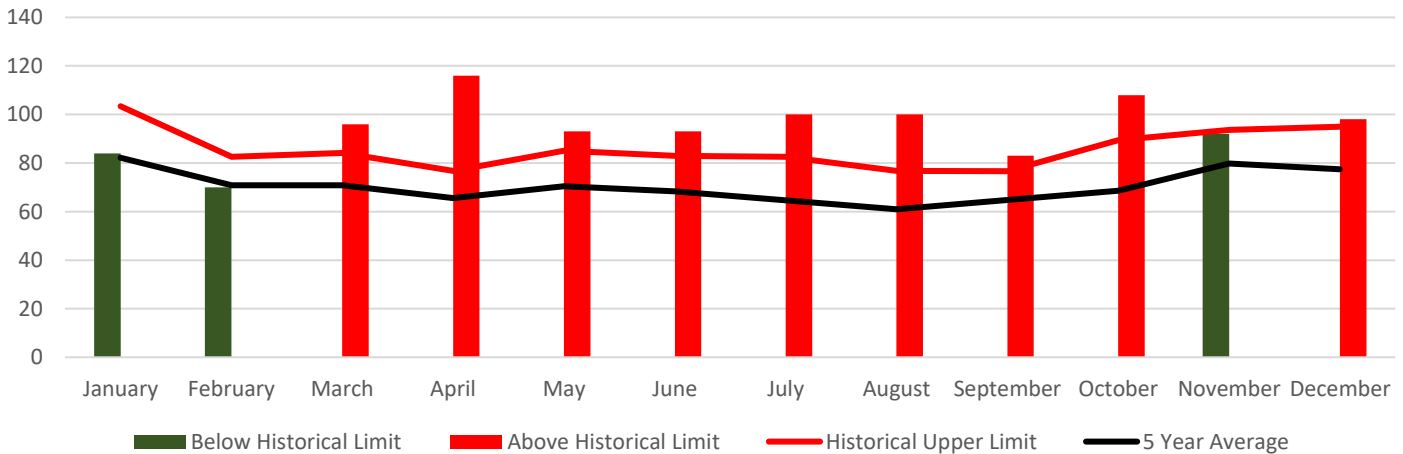
### Race



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



### 2020 All Deaths Aberration



\*Cases reported from 3/15/20-1/2/21