

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 2 (1/10/2021- 1/16/2021)

In line with the start of the new year and public health reporting standards, this Weekly Report shows Week 2. The cumulative data within this report is from March 15, 2020 – January 16, 2021.

COCONINO COUNTY
January 22, 2021

Situation Summary

MMWR Week 2 (1/10/2021-1/16/2021)

A total of 14,018 confirmed COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – January 16, 2021.

Deaths: 233 (2% of cases)

Probable Deaths: 5

Recovered Cases: 12,335

(88% of cases)

Hospitalizations: 1,005

(7% of cases)

Cases Reported Week 2 (January 10, 2021 - January 16, 2021):

**1,004
Confirmed
Cases**

**3,330
Negative
Cases**

**699.8
Rate per
100,000**

**18.3%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate of 699.8 per 100,000, percent positivity of 18.3%***, and **COVID-19-Like-Illness incidence (CLI) of 22.0****.
- 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%

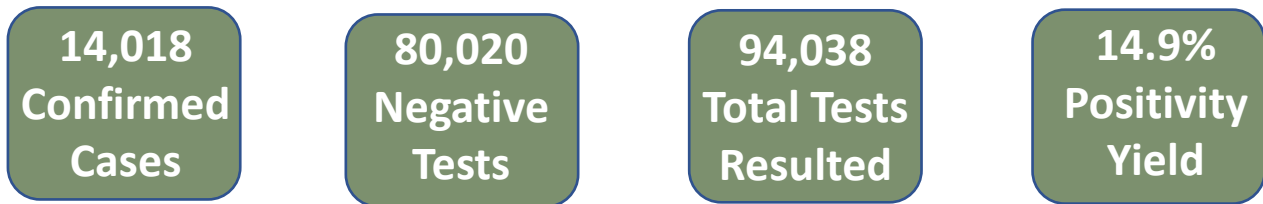
The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

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

****Incidence rate and percent positivity data are from week 2 (CLI data from week 1 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.**

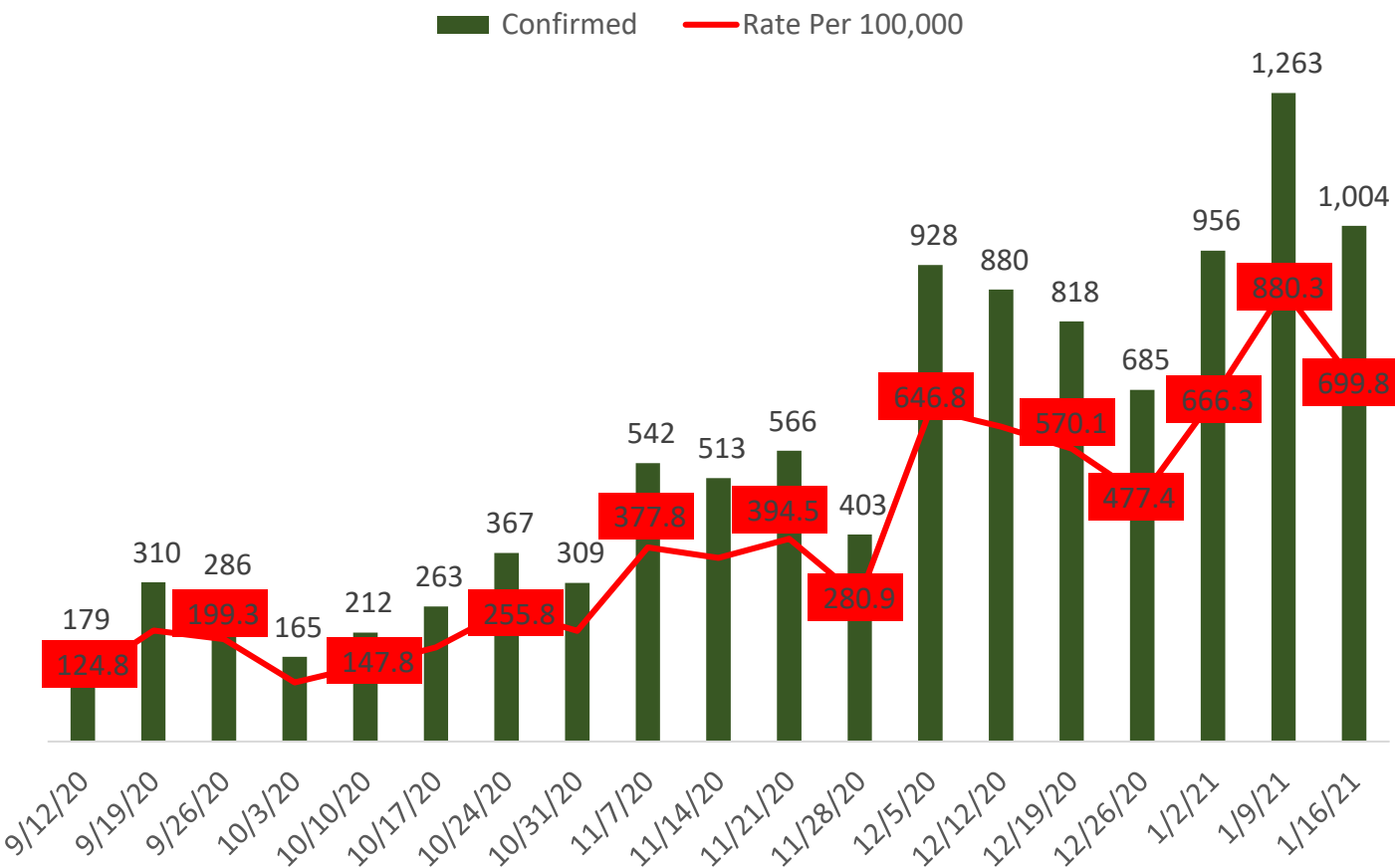
***** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 1 met the benchmarks for Substantial level of community spread.**

Cumulative Counts (March 15, 2020- January 16, 2021):



9,770.3 cases per 100,000 Coconino County Residents
vs.
9,605.5 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-1/16/21

Age:

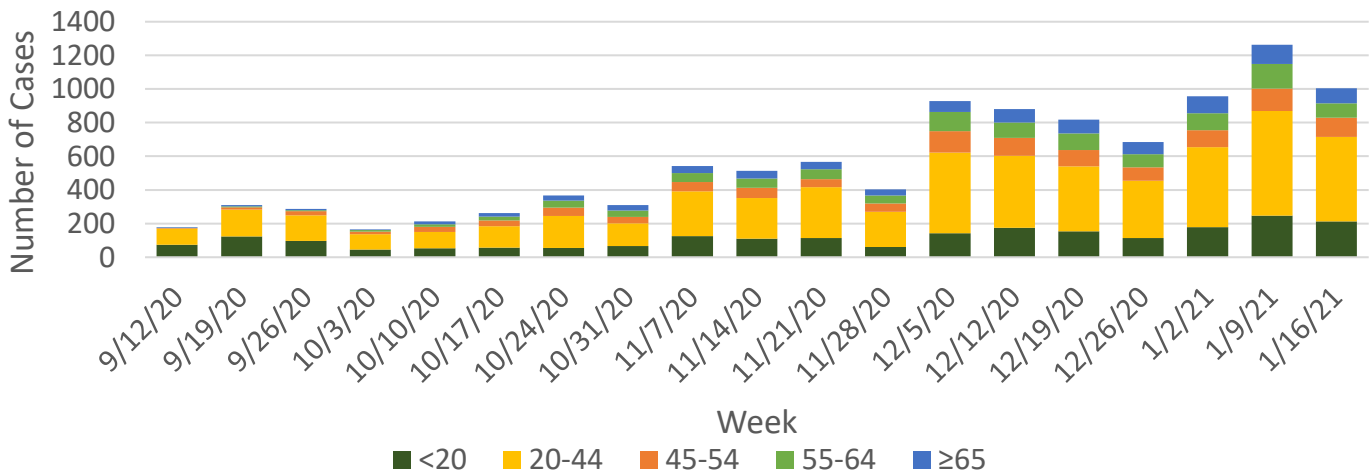
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	2,709	15,927	13.1%	39,390.1	6,699.8
20-44 years	7,018	45,228	11.4%	84,317.7	13,083.5
45-54 years	1,611	11,197	11.5%	78,603.0	11,309.2
55-64 years	1,445	10,958	10.3%	66,127.6	8,720.1
65+ years	1,235	10,716	9.3%	57,656.3	6,644.8

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

Key Take Away

- The highest **case incidence** for week 2 was observed among residents aged 20-44 and 45-54 with an incidence of 935.9 and 807.3 per 100,000, respectively.
- The highest **positivity yield** for week 2 was observed among residents aged <20 and 65+, with a positivity yield of 20%.
- 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 3/15/20-1/16/21

COVID-19 Situation Summary*

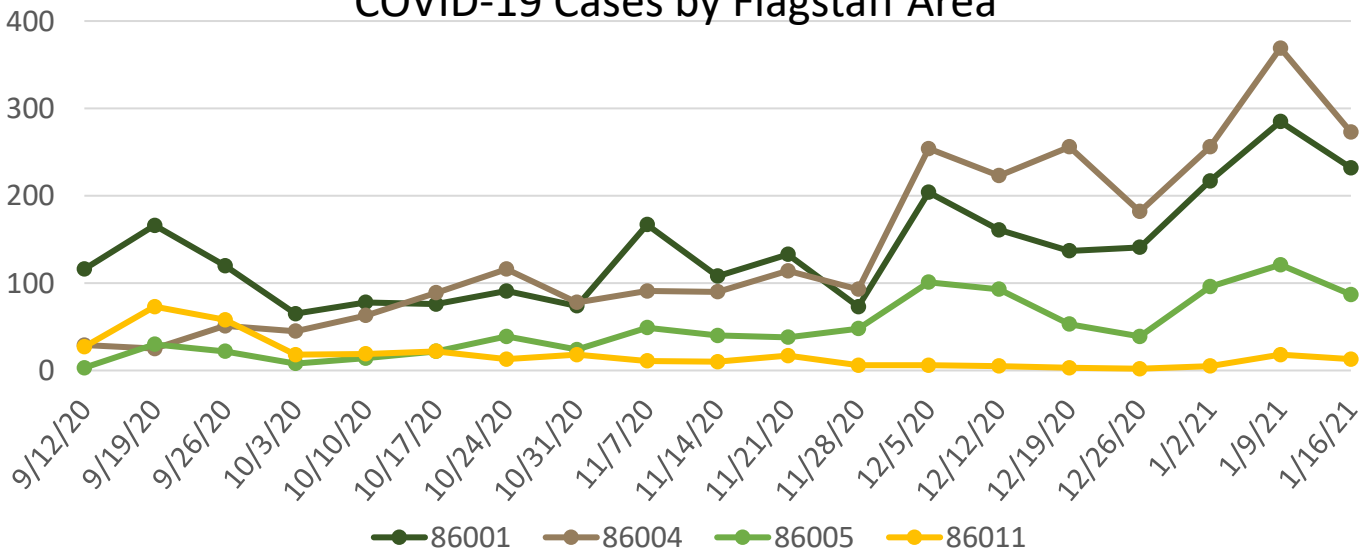
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	8,196	67,500	9.4%	72,539.3	8,807.9
Page	1,013	5,299	18.4%	70,213.3	13,422.6
Tribal Communities	3,817	14,242	16.8%	55,861.9	14,971.6
Williams	447	2,747	14.1%	52,164.8	8,488.4
Grand Canyon	127	1,022	11.2%	41,126.8	5,110.7
Other Areas	418	2,600	10.6%	26,999.0	4,340.6

Key Take Away

- The highest **decrease of cases** in the Flagstaff area from the previous week was observed in 86011 and 86005 with a 28% decrease.
- The highest **increase of cases** in Other Areas was observed in Williams with a 41%. The highest **decrease of cases** in Other Areas from the previous week was observed in Tribal Communities with a 30% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

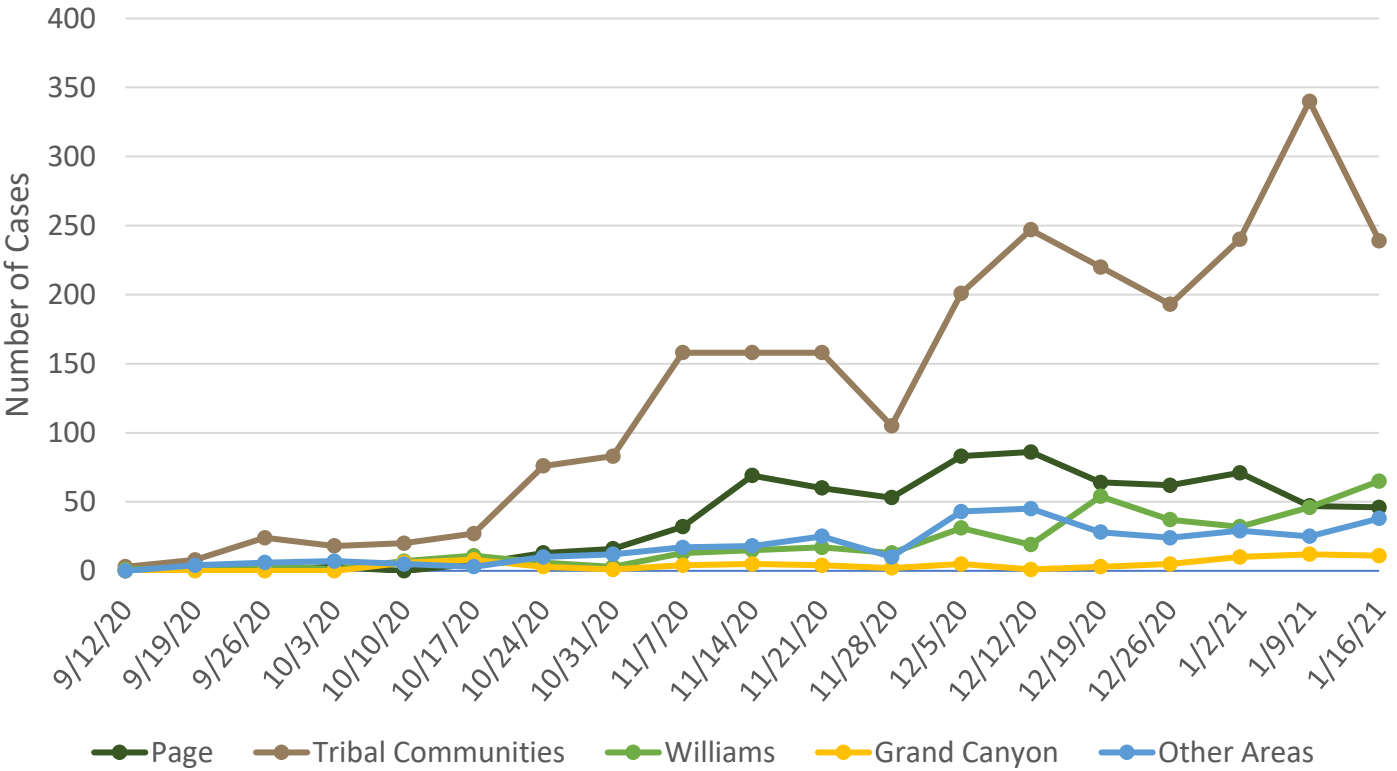
COVID-19 Cases by Flagstaff Area



*Cases reported from 3/15/20-1/16/21

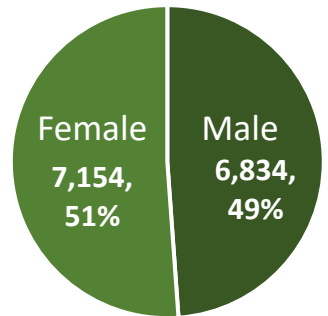
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	7,154	50,355	10.4%	9,875.8
Male	6,834	43,280	11.3%	9,620.5

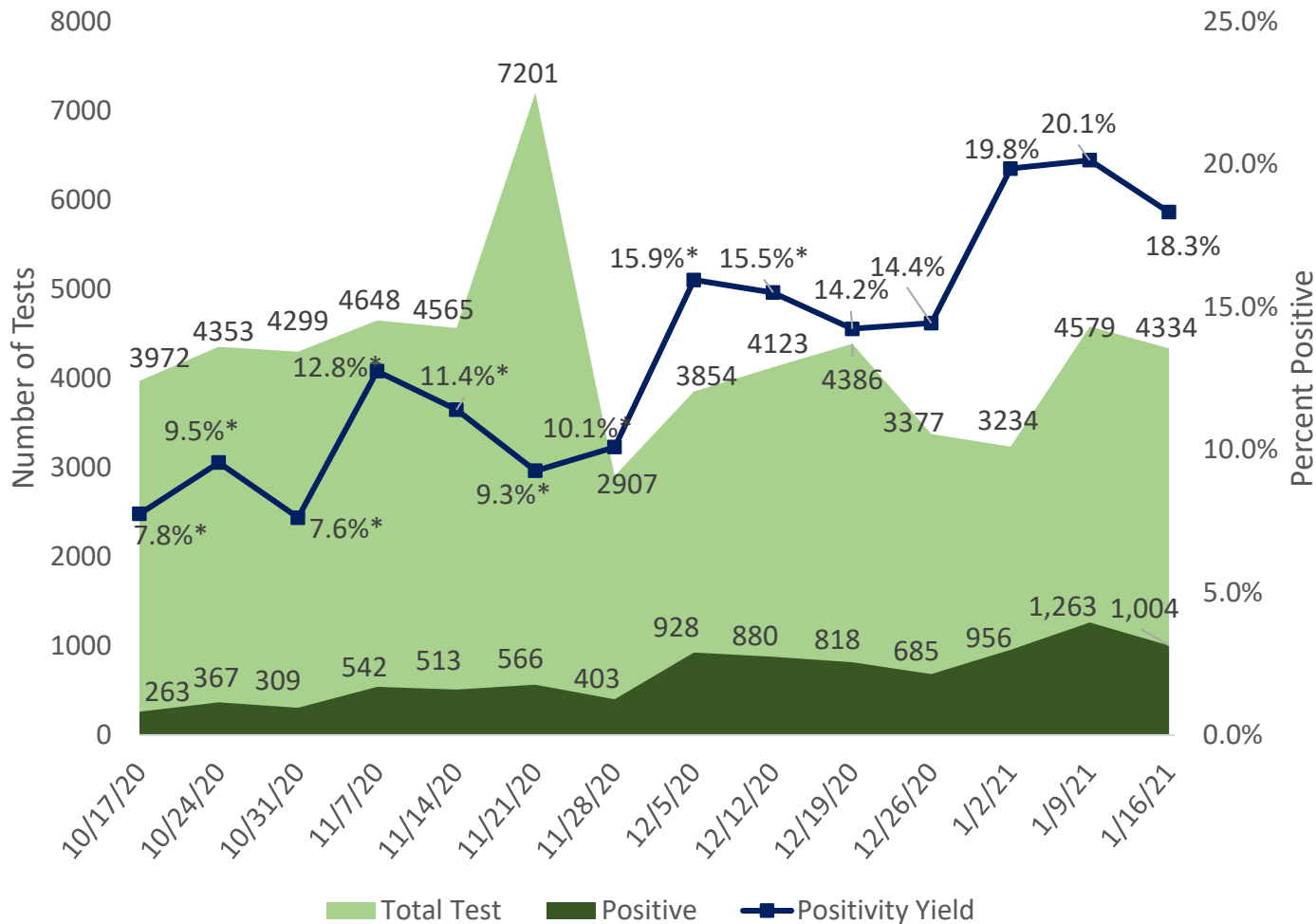


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 16% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

*Cases reported from 3/15/20-1/16/21

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 **104,000** specimens.

Fort Tuthill: 63,552	CCHHS: 1,308	CCC: 212	NAU: 36,264
Fredonia: 41	Grand Canyon: 382	Williams: 919	Other: 1,322

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 5,599**

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: 104 (As of 1/16/2021)**
- **Total individuals monitored to date: 4,554**

*Cases reported from 3/15/20-1/16/21

Hospitalizations

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

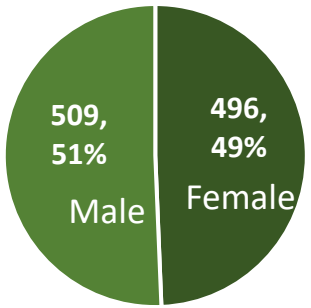
Percentage of Cases
7%

Hospitalized
1,005

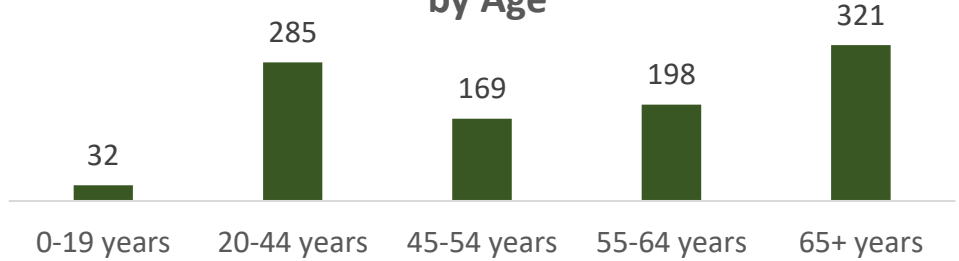
Hospitalizations Per 100,000
700.5

15% of hospitalized residents were in the ICU and 7% were intubated.

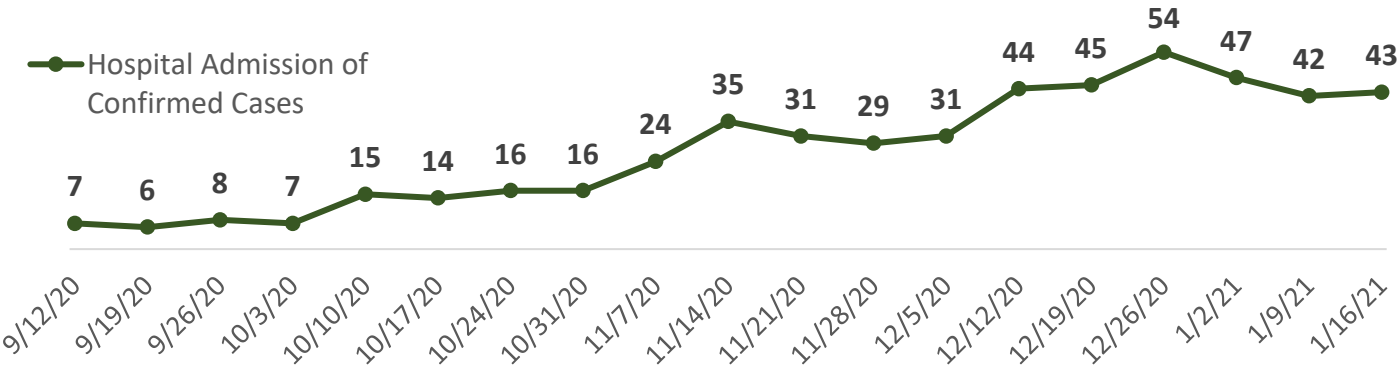
Sex



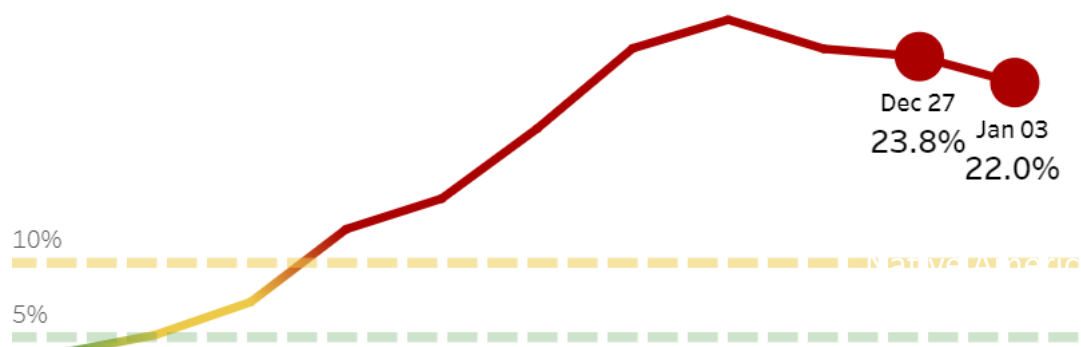
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:

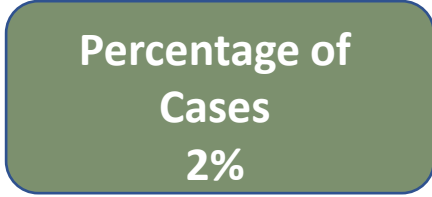


Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:

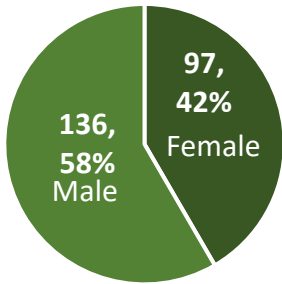


*Cases reported from 3/15/20-1/16/21

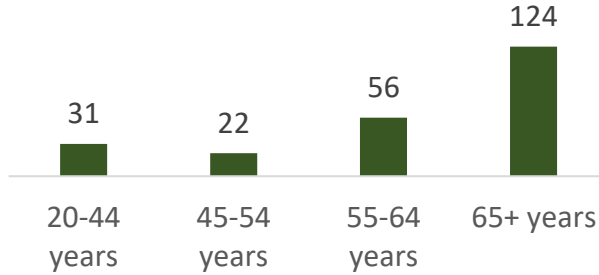
COVID-19 Related Deaths:



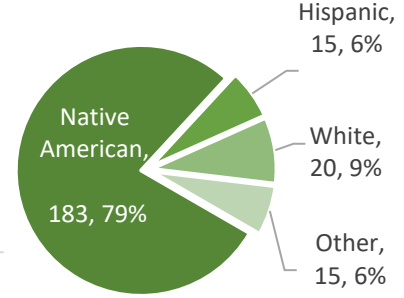
Sex



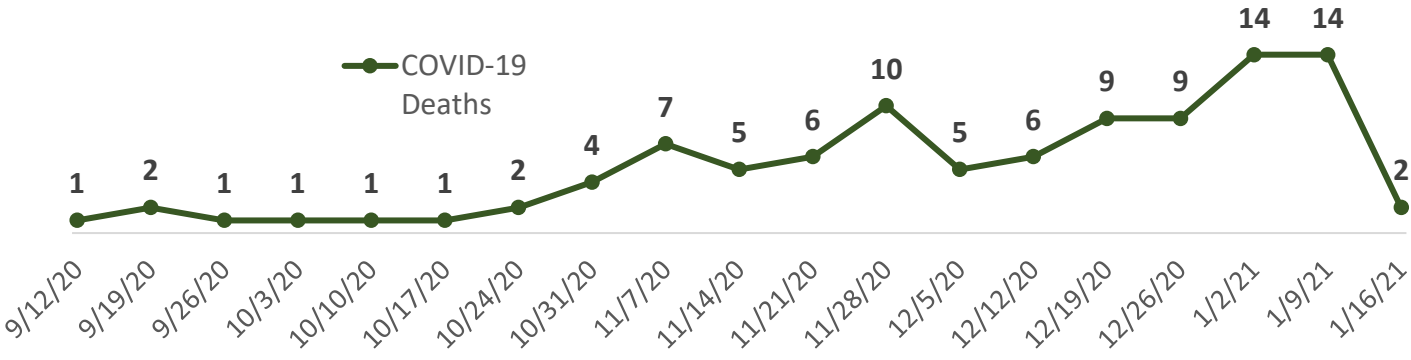
Coconino COVID-19 Deaths by Age



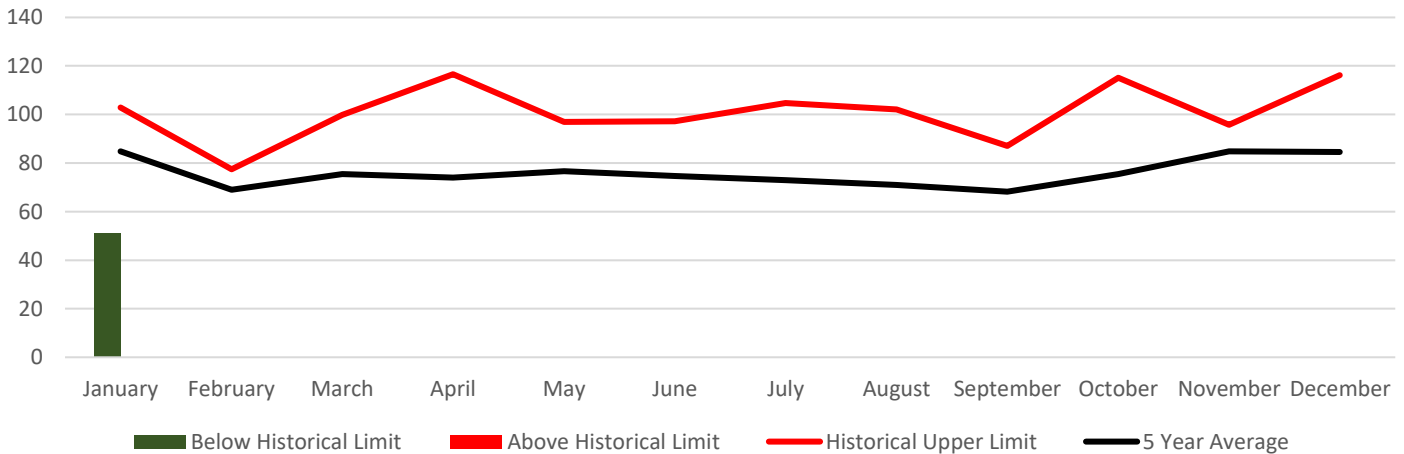
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



*Cases reported from 3/15/20-1/16/21