

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 36 (8/30/2020 – 9/05/2020)

COCONINO COUNTY
September 11, 2020

Situation Summary

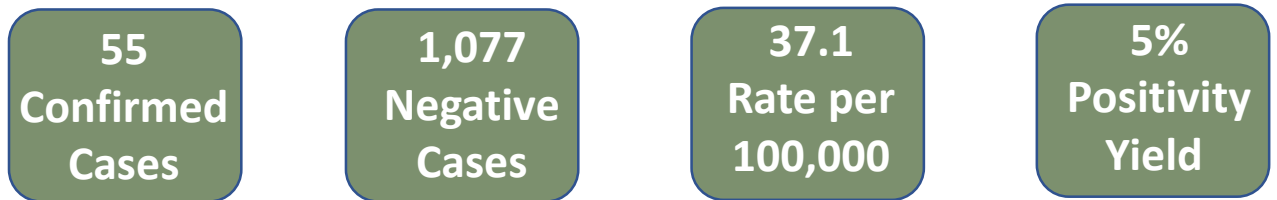


MMWR Week 36 (8/30/2020-9/05/2020)

A total of 3,269 confirmed COVID-19 cases have been reported among Coconino County residents through week 36.

Deaths: 131 (4% of cases) **Probable Cases: 68** **Probable Deaths: 6**
Recovered Cases: 2,874 (88% of cases)
Hospitalizations: 598 (18% of cases)

Cases Reported Week 36 (August 30 - September 5, 2020):



Community Transmission

- Coconino County has a current **incidence rate of 37.1 per 100,000, percent positivity of 5%, and COVID-19-Like-Illness incidence (CLI) of 2.8%***.
- Coconino County is currently at a **moderate** 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 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.

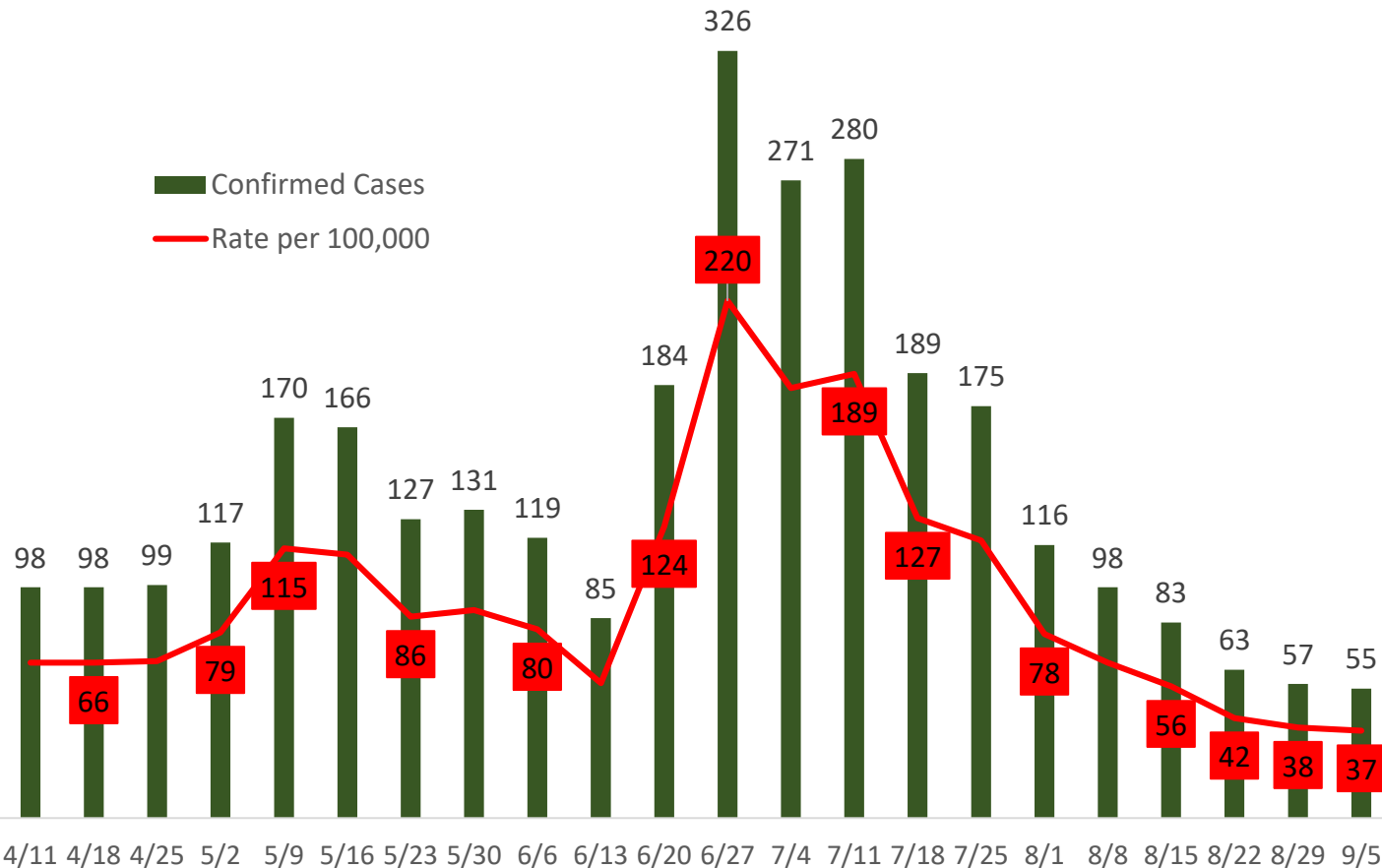
**Incidence rate and percent positivity data are from week 36 (CLI data from week 35 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations*

Cumulative Counts (March 15, 2020- September 5, 2020):



2,203.2 cases per 100,000 Coconino County Residents
vs.
2,879.4 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-9/05/20

Age:

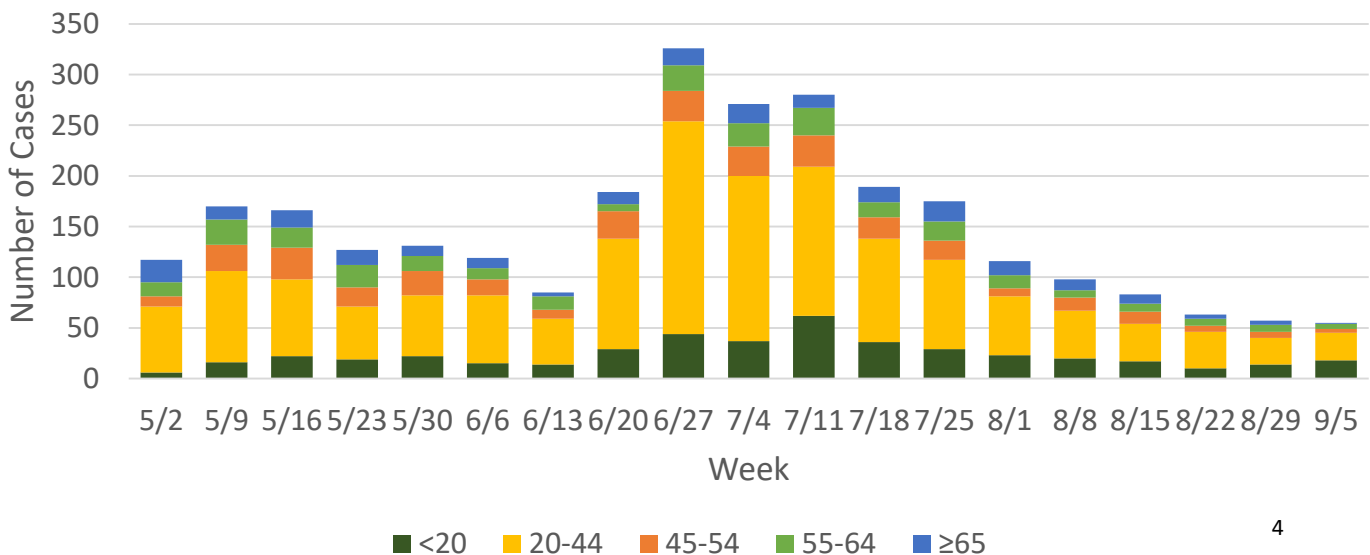
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	474	4,944	10%	11,450	1,097.8
20-44 years	1,672	17,384	10%	32,187	3,095.8
45-54 years	420	4,845	9%	31,099	2,695.9
55-64 years	375	4,805	8%	28,407	2,217.0
65+ years	328	4,901	7%	26,638	1,782.7

The median age of Coconino County COVID-19 cases is 34 years old

Key Take Away

- The highest positivity yield (10%) was observed among residents aged less than 20 years and 20-44 years.
- The highest testing incidence was observed among residents aged 20-44 years (nearly 21% higher than that of 65+ years).
- The highest incidence of COVID-19 was among residents aged 20-44 years (nearly 74% higher than that of 65+ year-olds).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-9/05/20

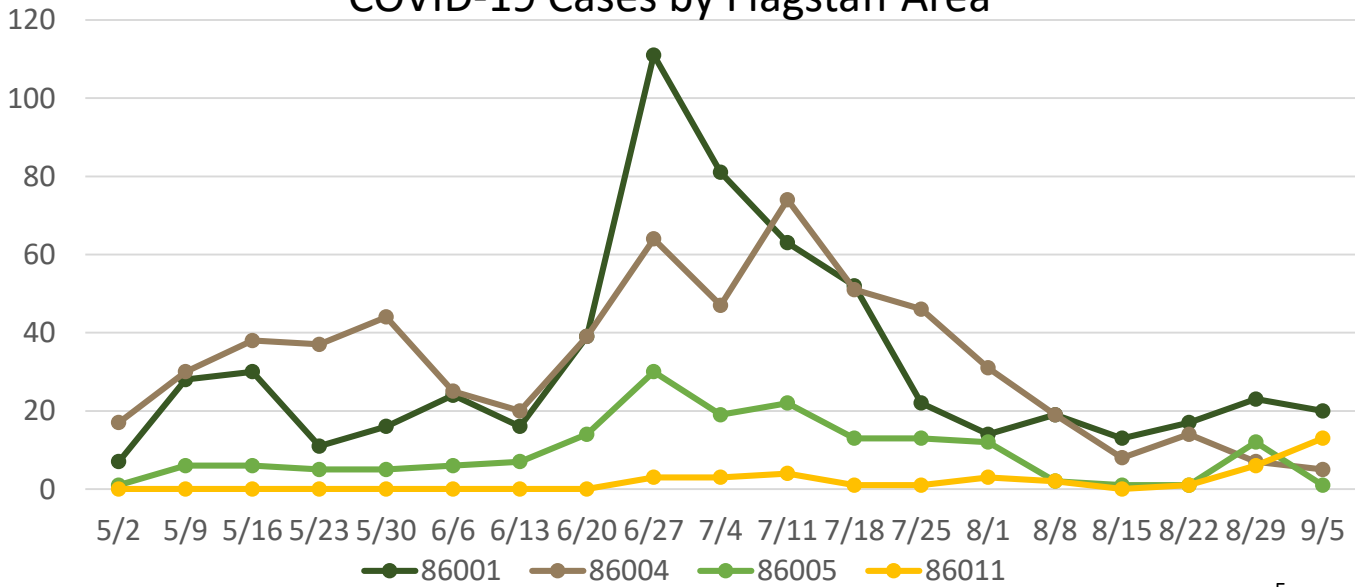
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	1,514	24,659	6%	32,092	1,970.4
Page	295	2,672	11%	34,460	3,804.5
Tribal Communities	1,286	7,228	18%	27,819	4,949.6
Williams	67	1,090	6%	20,699	1,272.3
Grand Canyon	46	443	10%	17,827	1,851.1
Other Areas	61	1,036	6%	3,448	203.0

Key Take Away

- The highest positivity yield and COVID-19 incidence was seen among tribal communities.
- The COVID-19 incidence rate in tribal communities was 2.5 times higher than the incidence rate observed in Flagstaff.
- The COVID-19 incidence rate in Page was 1.9 times higher than the incidence rate observed in Flagstaff.

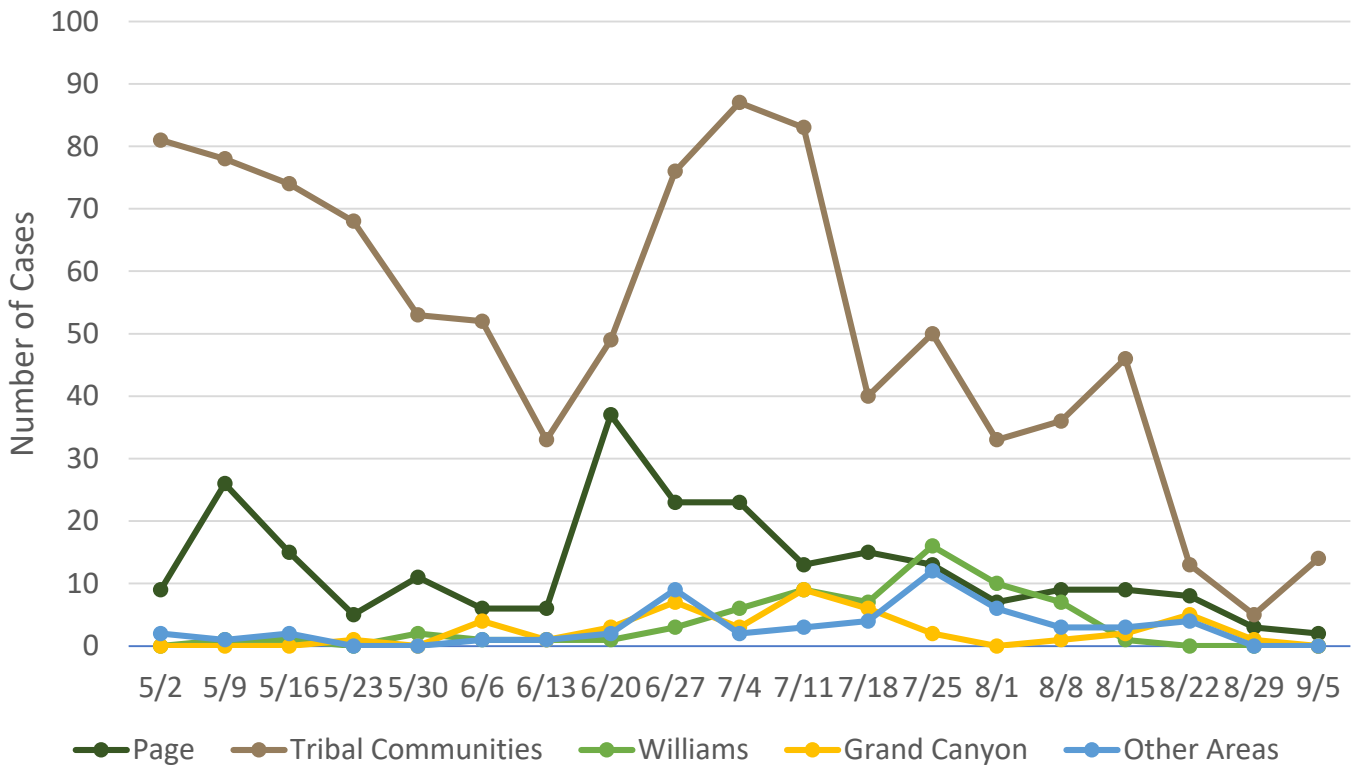
COVID-19 Cases by Flagstaff Area



*Cases reported from 3/15/20-9/05/20

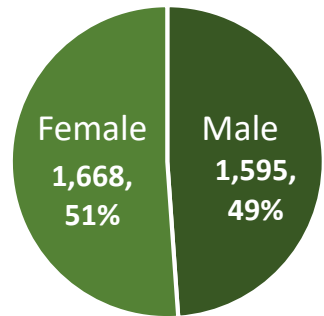
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Male	1,595	16,754	10%	2,184.9
Female	1,668	19,995	8%	2,212.9

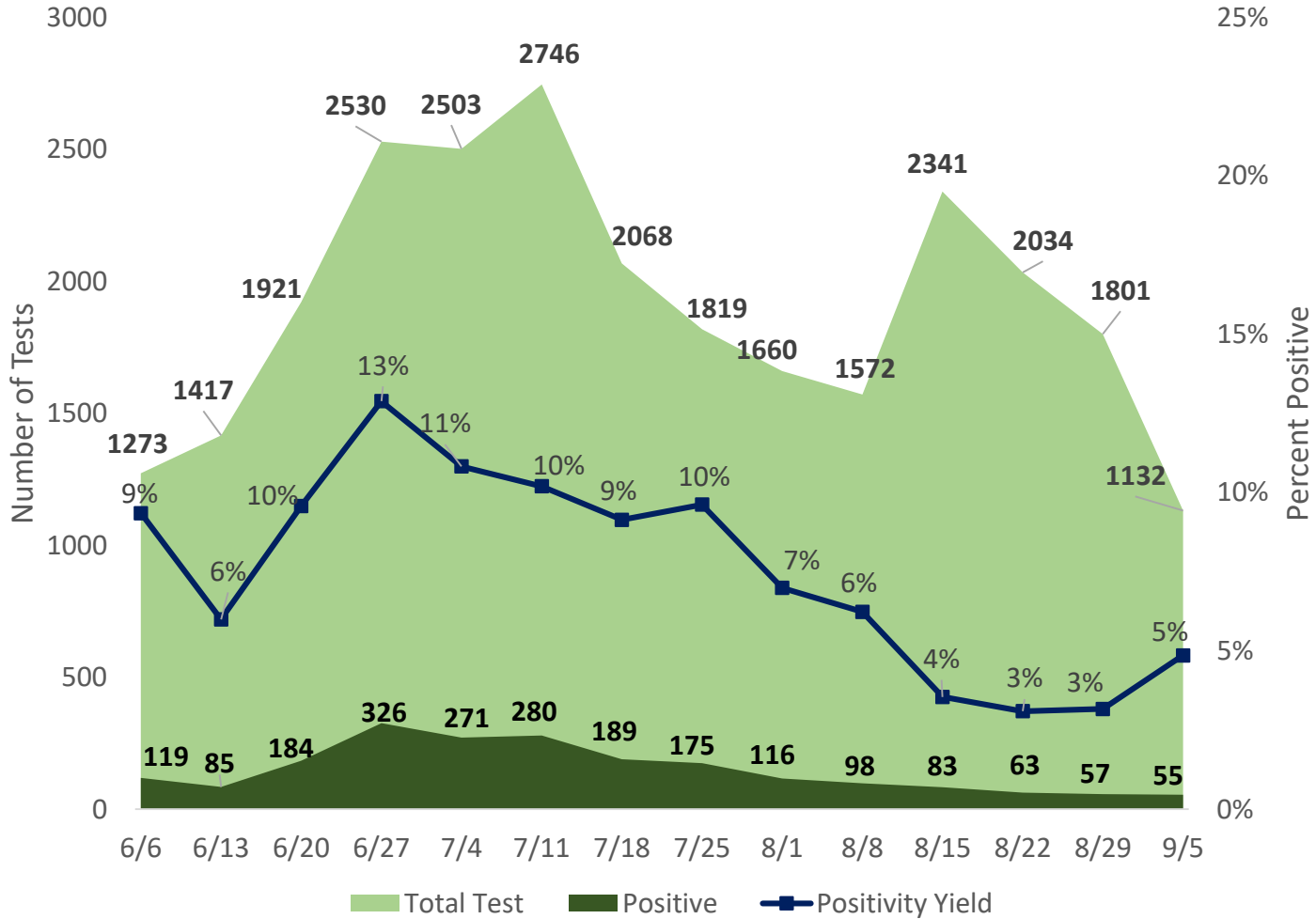


Key Take Away

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

*Cases reported from 3/15/20-9/05/20

COVID-19 TESTING BY WEEK:



Specimen Collection: Coconino County response team site have collected a total of **18,915** specimens.

Fort Tuthill: 13,362	CCHHS: 1,308	CCC: 212	NAU: 2,928
Fredonia: 41	Grand Canyon: 78	Williams: 547	Other: 439

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 1,678**

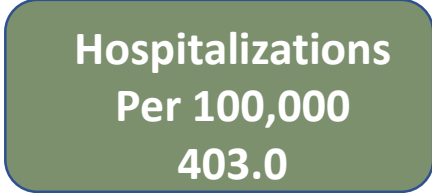
Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 74 (As of 9/05/2020)**
- **Total individuals monitored to date: 1,887**

*Cases reported from 3/15/20-9/05/20

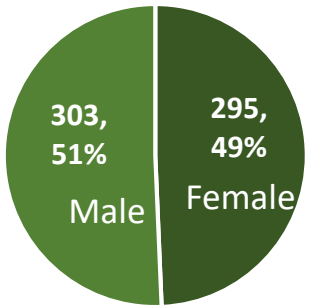
Hospitalizations

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

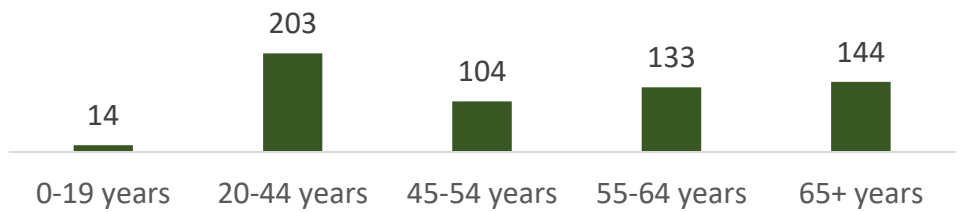


30% of hospitalized residents were in the ICU and 19% were intubated.

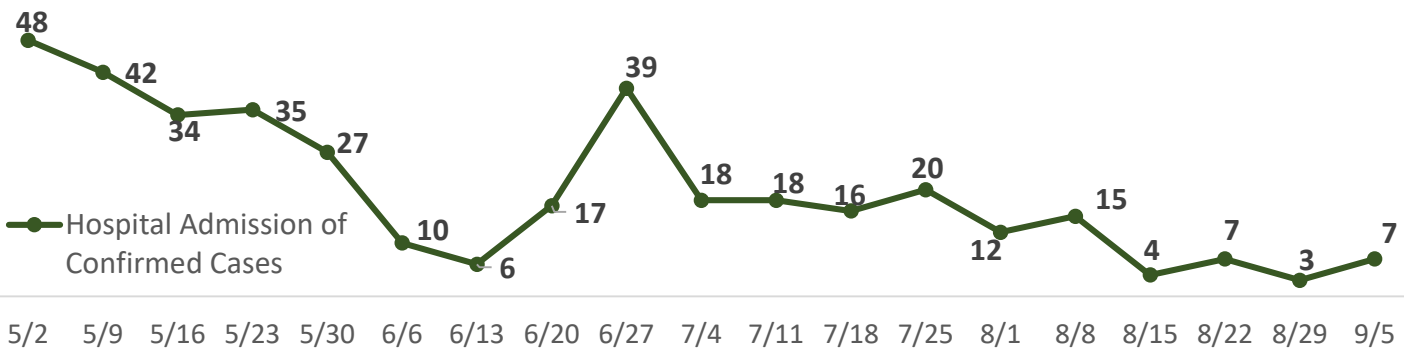
Sex



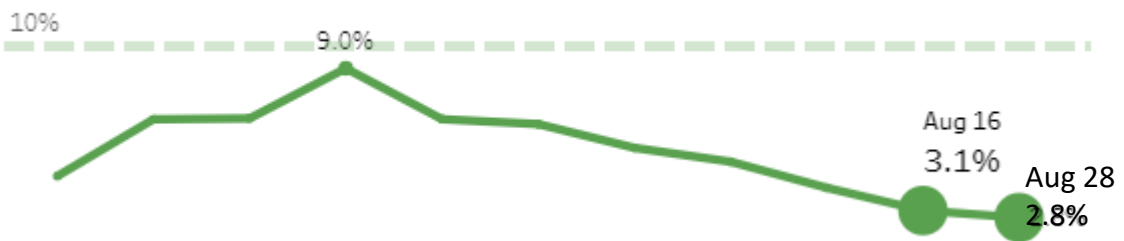
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



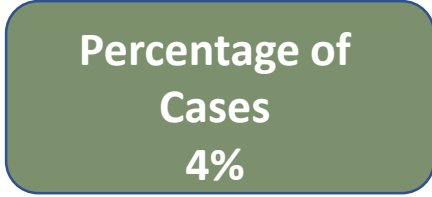
Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



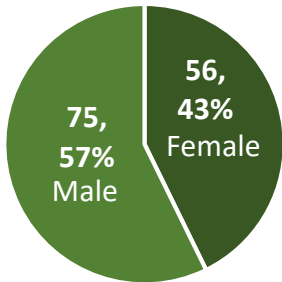
*Cases reported from 3/15/20-9/05/20

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

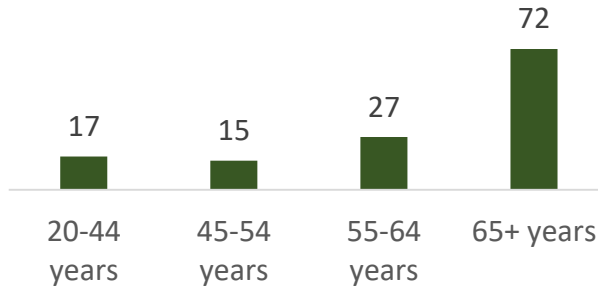
COVID-19 Related Deaths:



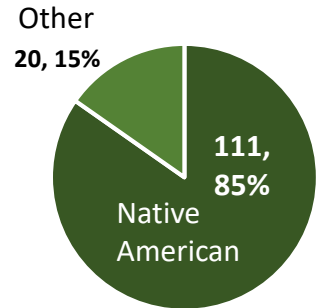
Sex



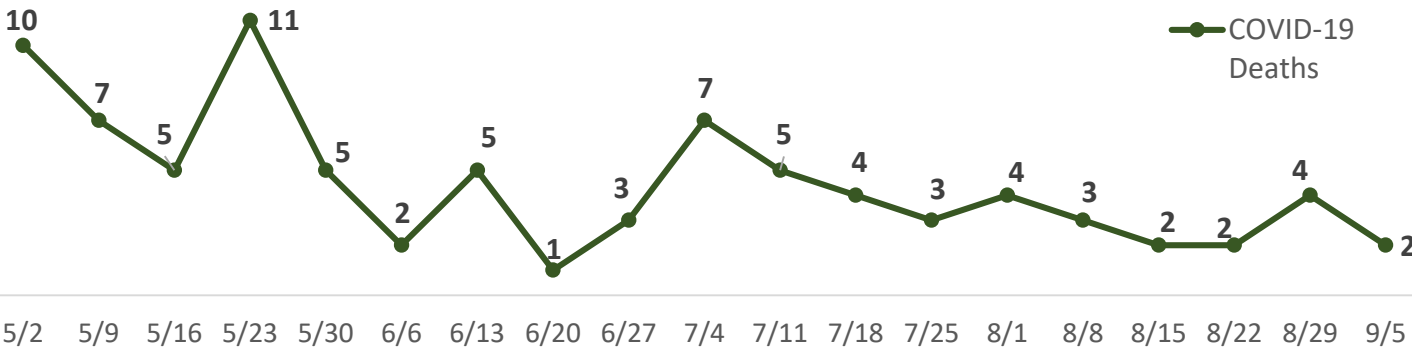
Coconino COVID-19 Deaths by Age



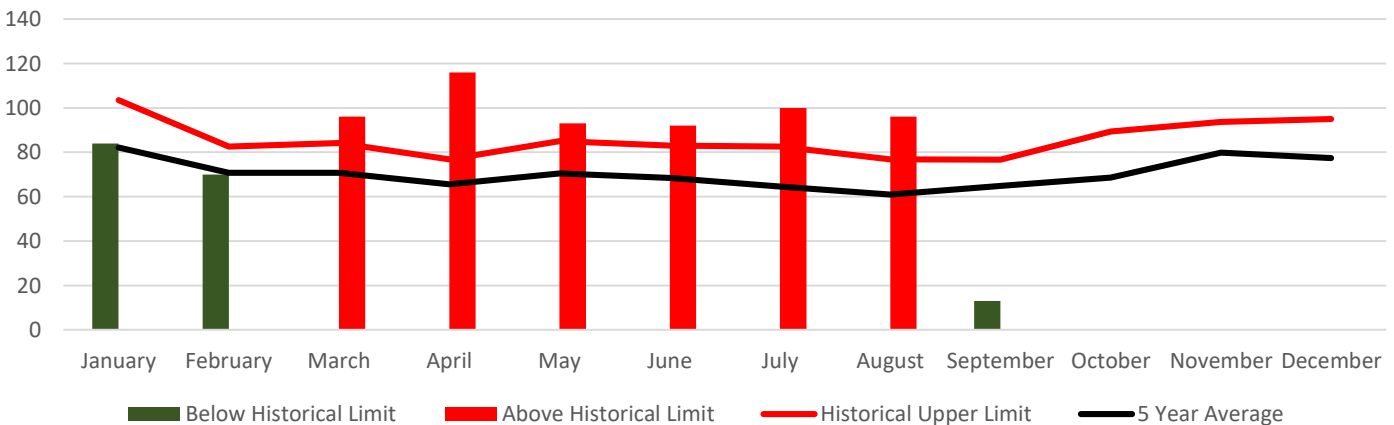
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-9/05/20