



MEMORANDUM

Date: June 8, 2020

To: The Honorable Chairman and Members
Pima County Board of Supervisors

From: C.H. Huckelberry
County Administrator *CHH*

Re: **Additional Information - COVID-19 Update**

Please see the updated table below.

Date	Number of New COVID-19 Cases		Number of New Deaths		COVID-19 Testing in Pima County
	Total Cases in Pima County	Pima County Change from Previous day	Total Deaths in Pima County	Pima County Change from Previous Day	
May 31, 2020	2,368	78	185	0	1,293
June 1, 2020	2,382	14	185	0	437
June 2, 2020	2,496	114	191	6	1,913
June 3, 2020	2,627	131	196	5	1,407
June 4, 2020	2,669	42	202	6	484
June 5, 2020	2,883	214	202	0	2,810
June 6, 2020	2,950	67	206	4	1,223
June 7, 2020	3,098	148	205	-1	1,623
June 8, 2020	3,154	56	205	0	957

I have attached updated versions of Pages 1 through 8 that now includes Week 23. (Attachment 1) While the Week 23 cases are down, they are still higher than any previous week other than Week 22.

Also attached are demographics from inception to date on Pima County's COVID-19 cases by age group, race/ethnicity, gender and hospitalized cases by age, race/ethnicity, and deaths by age, race/ethnicity and gender. (Attachment 2)

Finally, data regarding available ventilators available and in use, hospital admissions and discharges for the time period from May 31, 2020 to June 6, 2020 is attached. Of interest is Intensive Care Unit (ICU) bed use has increased in the last two days of the analysis from 148 in use to 233 in use. In addition, while ventilators over the period had been generally in the vicinity of 40 per day, for June 6, they now are reported at 95, or a doubling in use. (Attachment 3)

Attachments

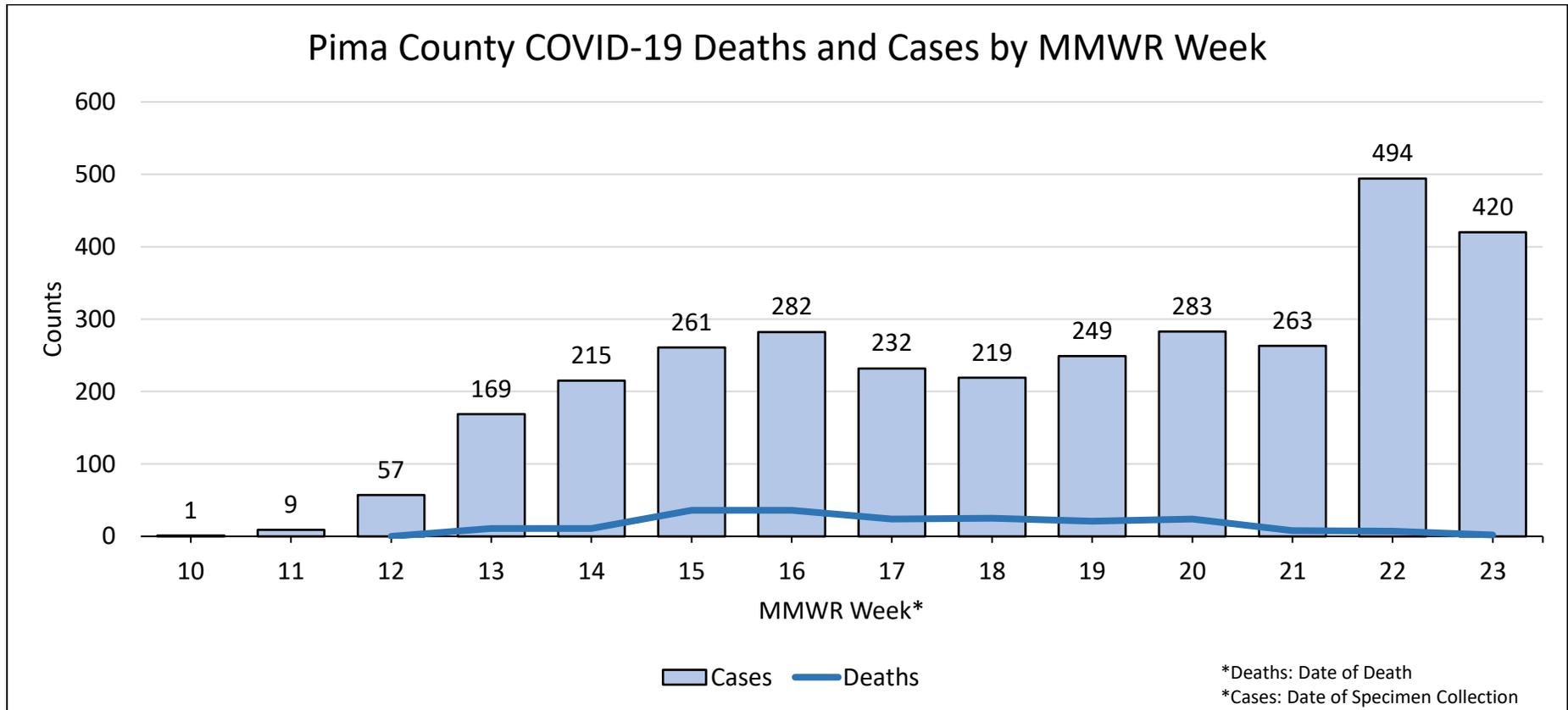
- c: Jan Leshar, Chief Deputy County Administrator
- Francisco Garcia, MD, MPH, Deputy County Administrator & Chief Medical Officer, Health and Community Services
- Dr. Terry Cullen, Public Health Director, Pima County Health Department

ATTACHMENT 1



Pima County COVID-19 Deaths, Cases, and Hospitalizations Report

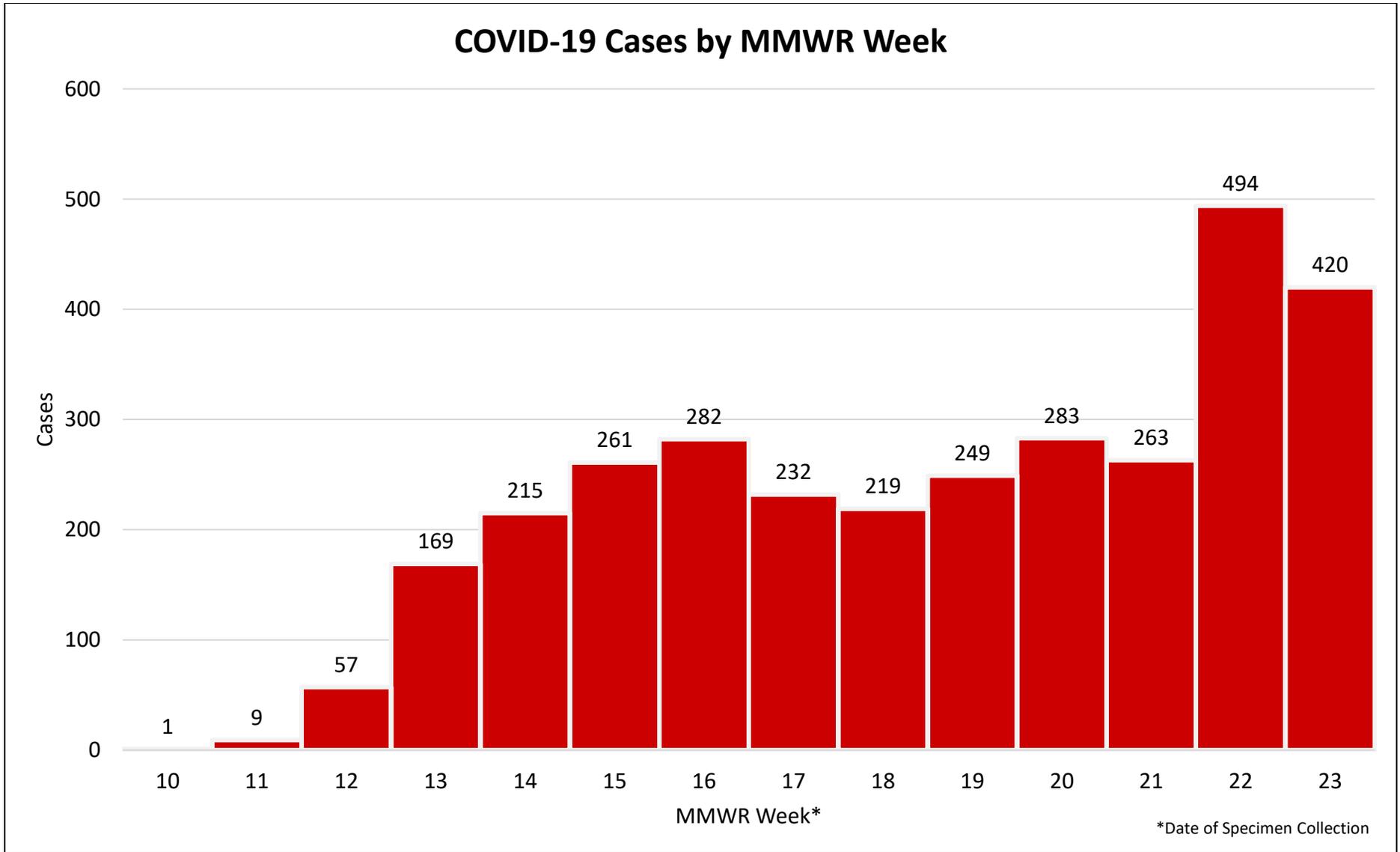
Chart 1: Pima County COVID-19 deaths shown with COVID-19 Cases by MMWR week



****Note:** Recent deaths or illnesses in the last 4-7 days may not be reported yet.

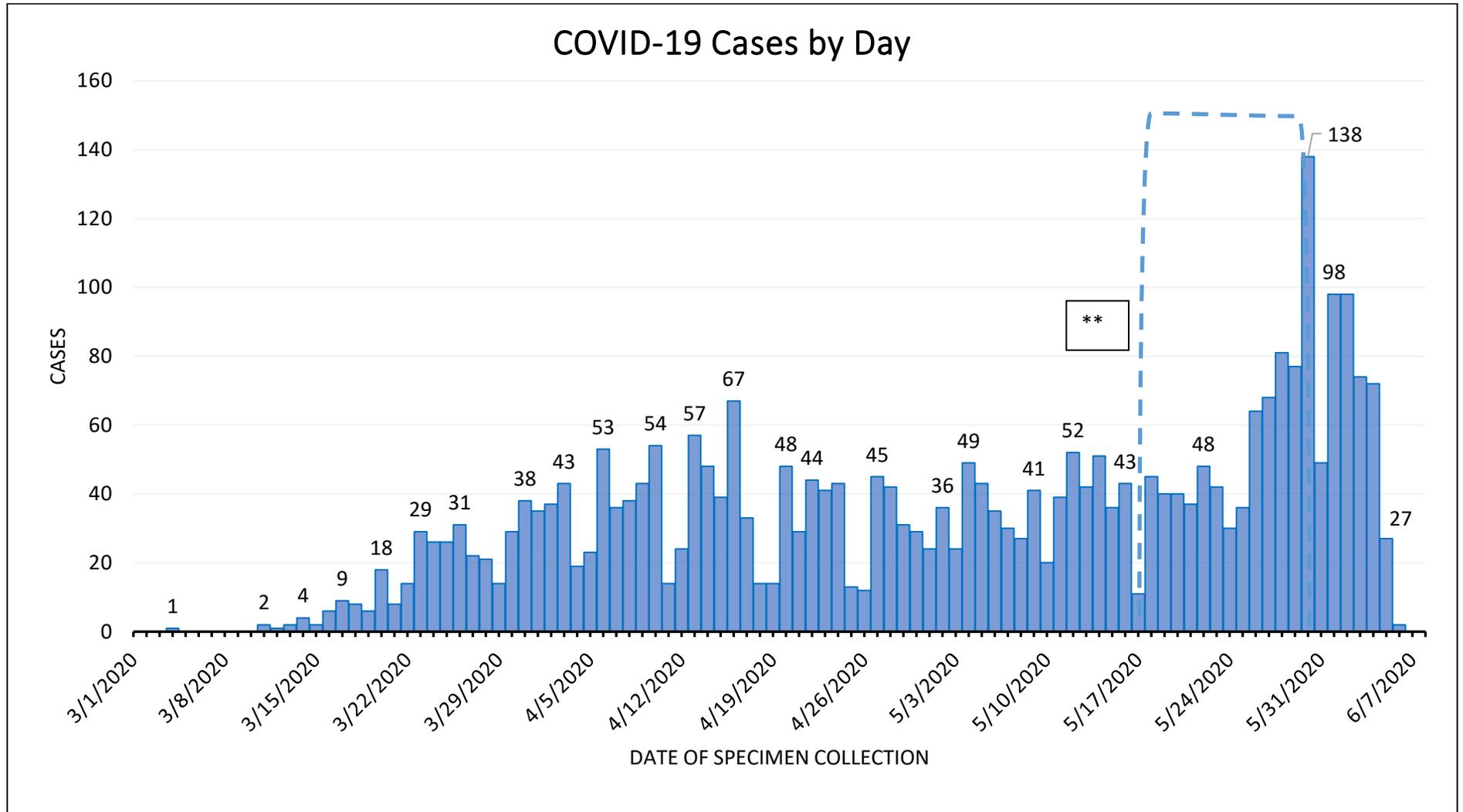
Week 10: 3/1/20-3/7/20 — **Week 11:** 3/8/20-3/14/20 — **Week 12:** 3/15/20-3/21/20 — **Week 13:** 3/22/20-3/28/20 — **Week 14:** 3/29/20-4/4/20—**Week 15:** 4/5/20-4/11/20 —**Week 16:** 4/12/20-4/17/20 — **Week 17:** 4/19/20-4/25/20 — **Week 18:** 4/26/20-5/2/20—**Week 19:** 5/3/20-5/9/20—**Week 20:** 5/10/20-5/16/20—**Week 21:** 5/17/20-5/23/20—**Week 22:** 5/24/20-5/30/20—**Week 23:** 5/31/20-6/6/20

Chart 2: Pima County COVID-19 cases by MMWR Week



***Note:** Illnesses in the last 4-7 days may not be reported yet

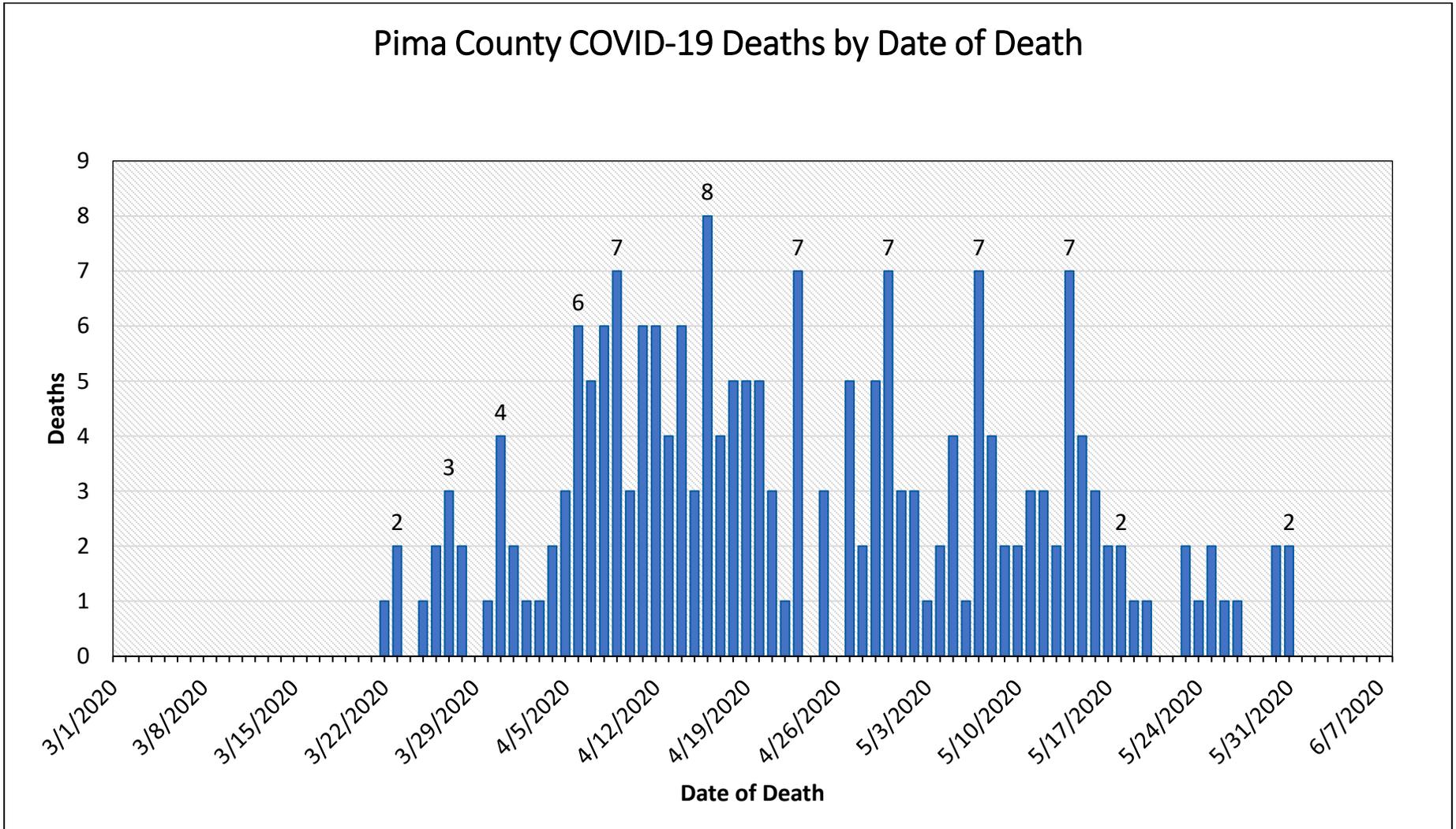
Chart 3: Pima County COVID-19 cases by date of specimen collection from March 3, 2020 to June 7, 2020



***Note:** Illnesses in the last 4-7 days may not be reported yet

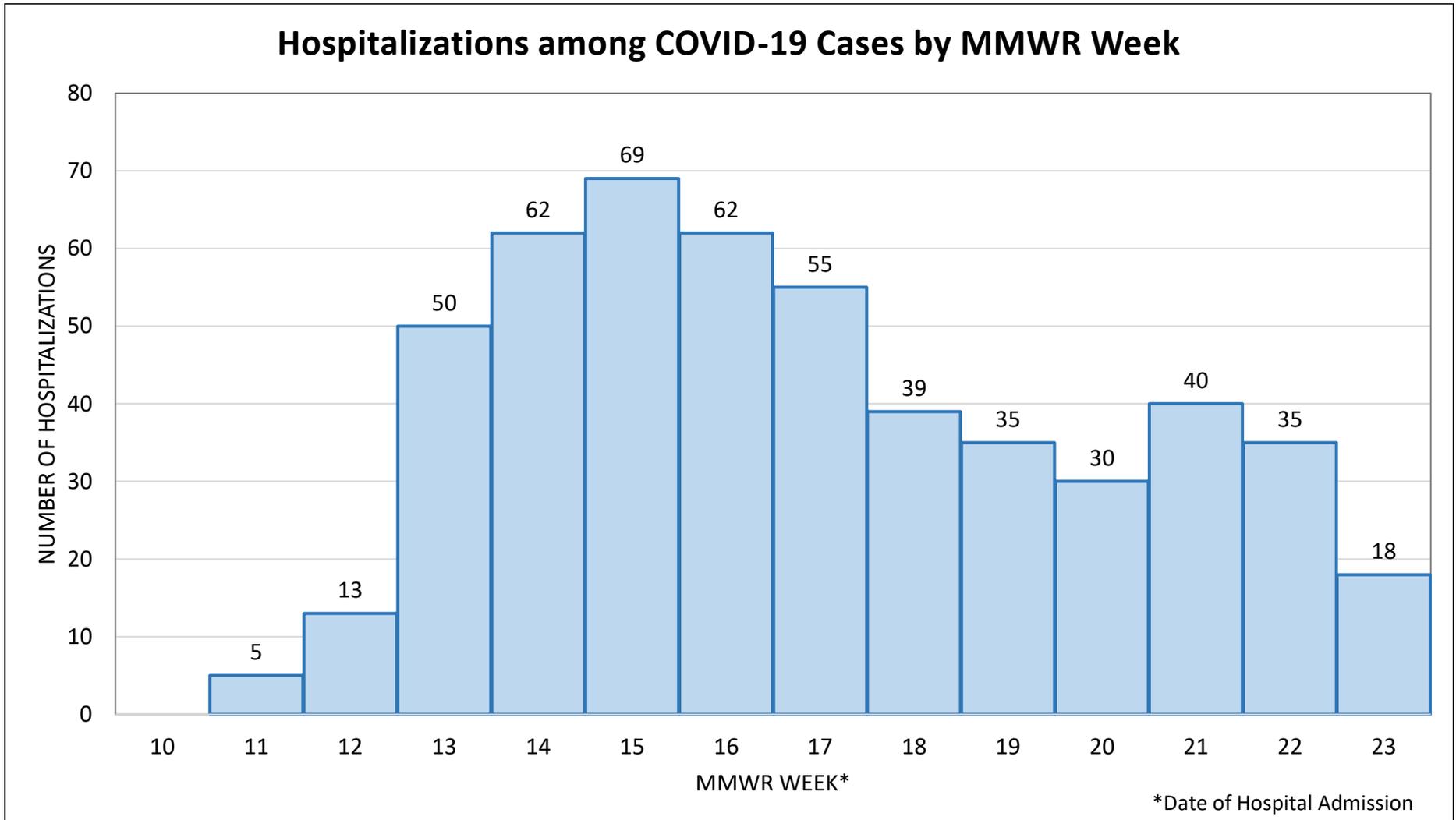
**MMWR Weeks 21 and 22: 5/17/20—5/30/20

Chart 4: Pima County COVID-19 deaths by date of death: March 22, 2020 to June 7, 2020



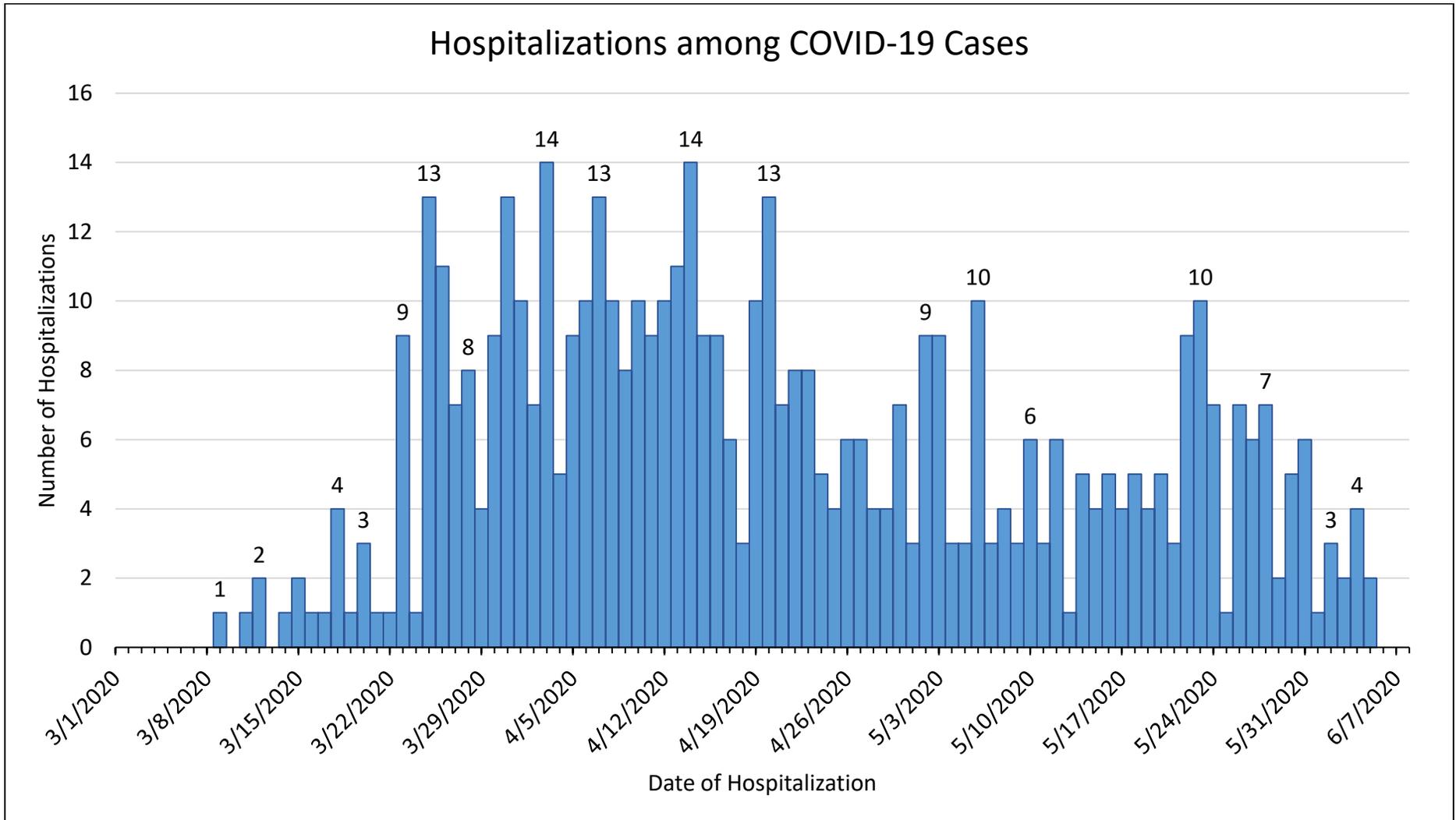
****Note:** Recent deaths may not be reported yet.

Chart 5: Pima County COVID-19 cases that are hospitalized by MMWR Week



****Note:** Recent hospitalizations may not be reported yet.

Chart 6: Pima County COVID-19 hospitalizations by date of hospital admission: March 9, 2020 to June 7, 2020



****Note:** Recent hospitalizations may not be reported yet.

Chart 7: PCHD Weekly Percent (%) of COVID-Like-Illness (CLI) Visits VS Pneumonia (PNA) Visits

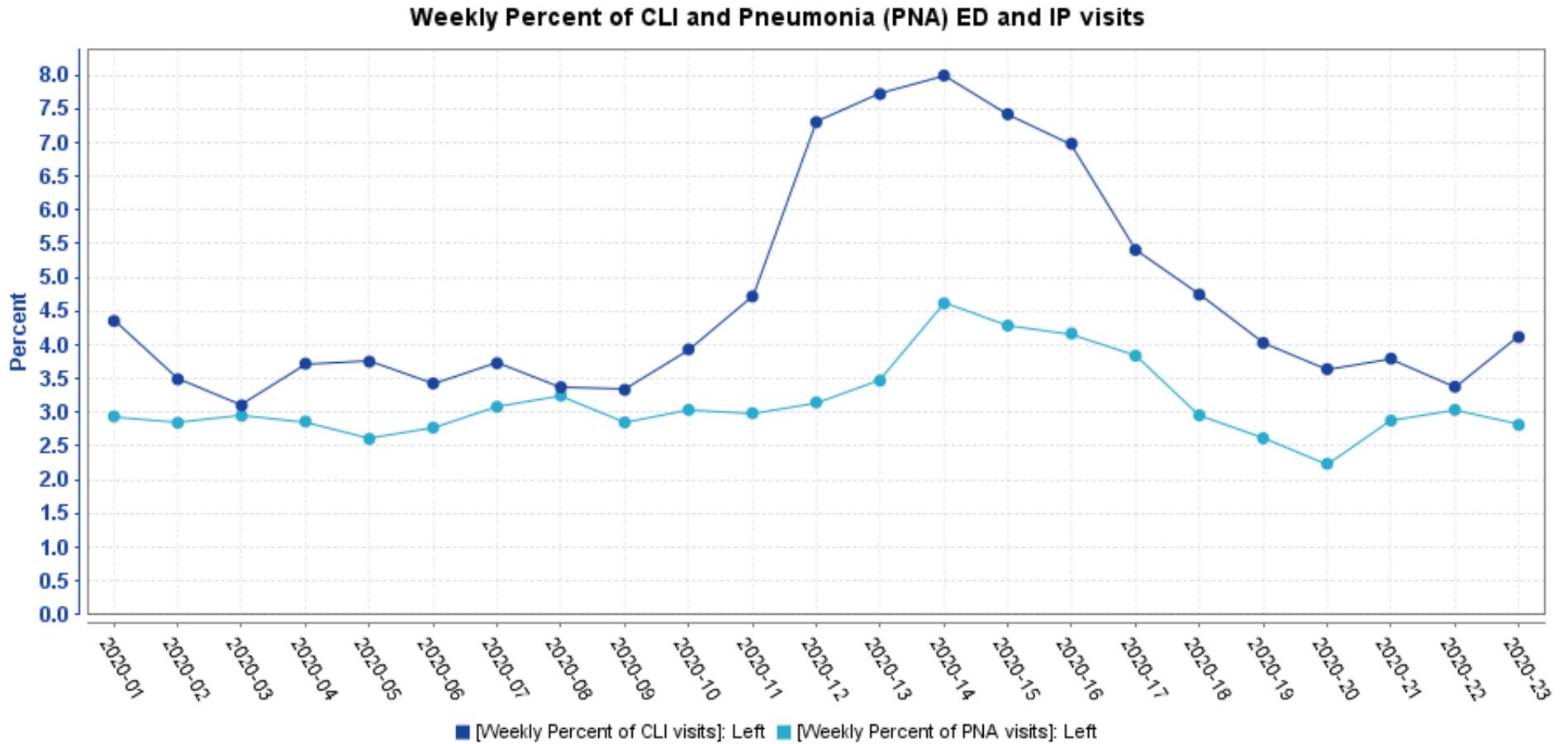
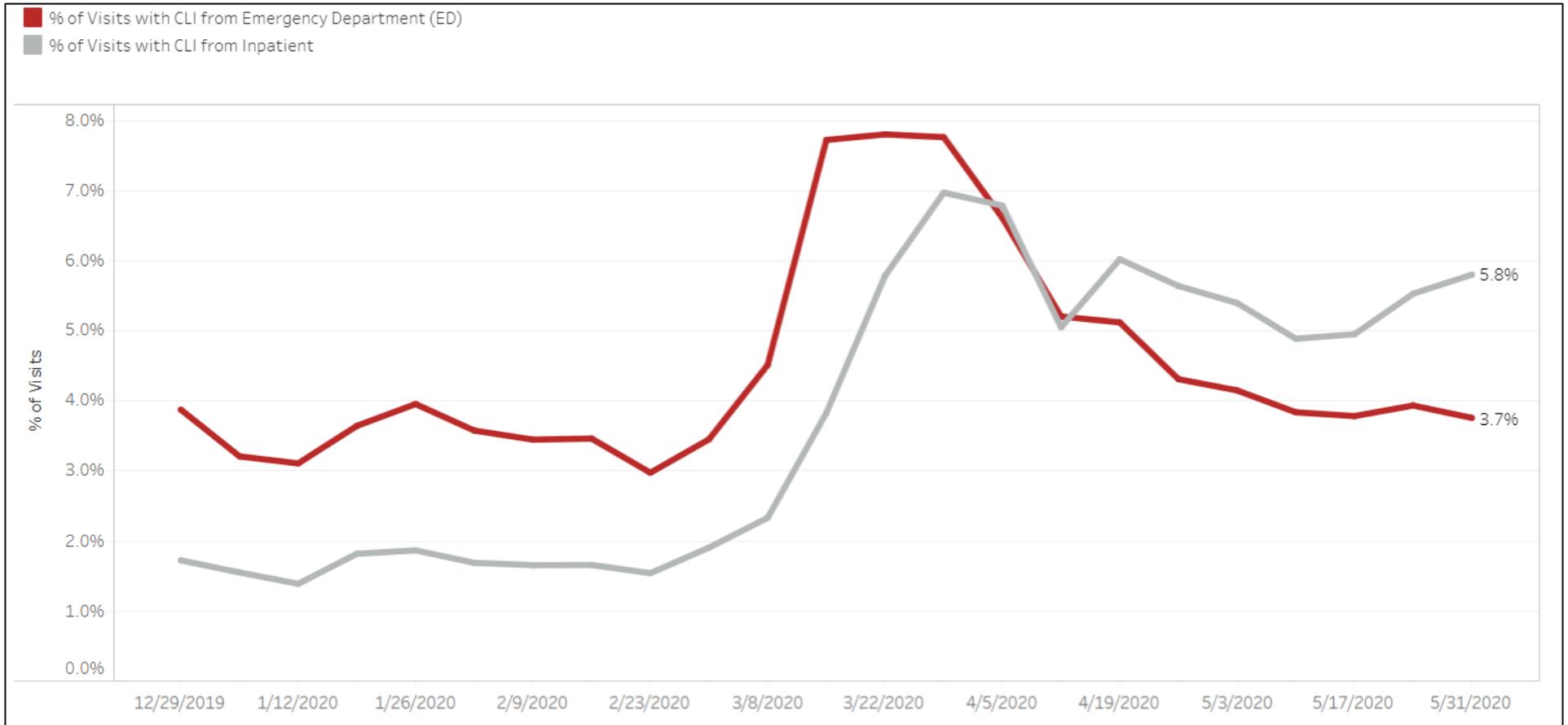


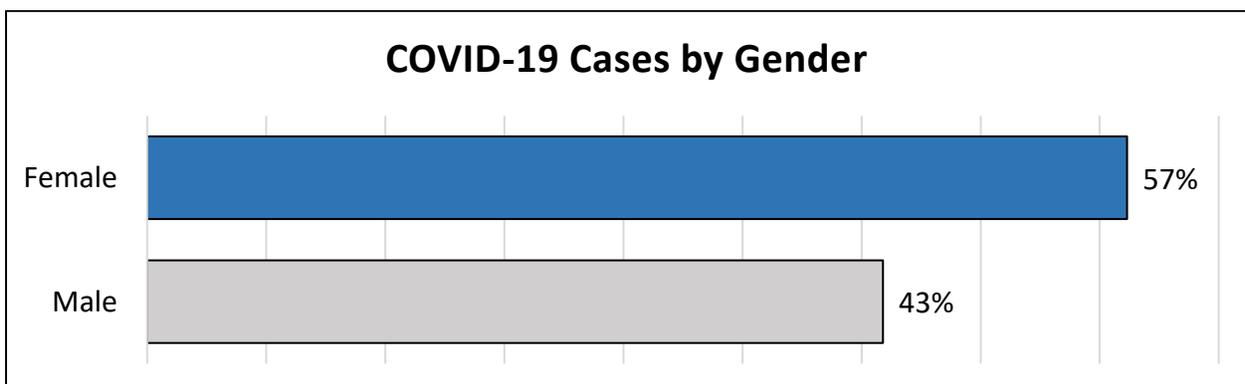
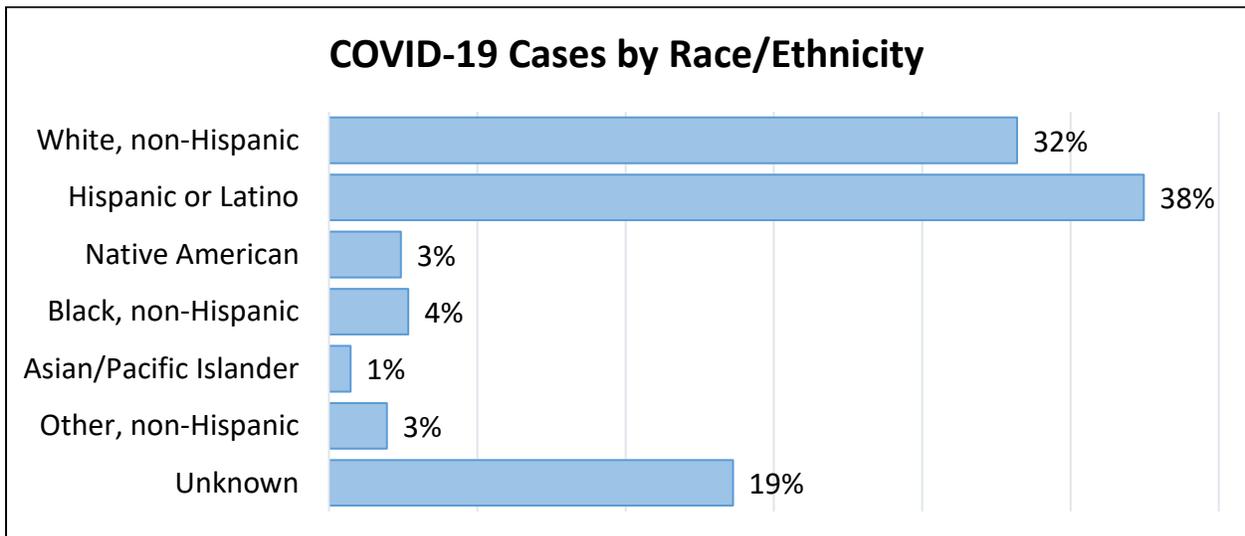
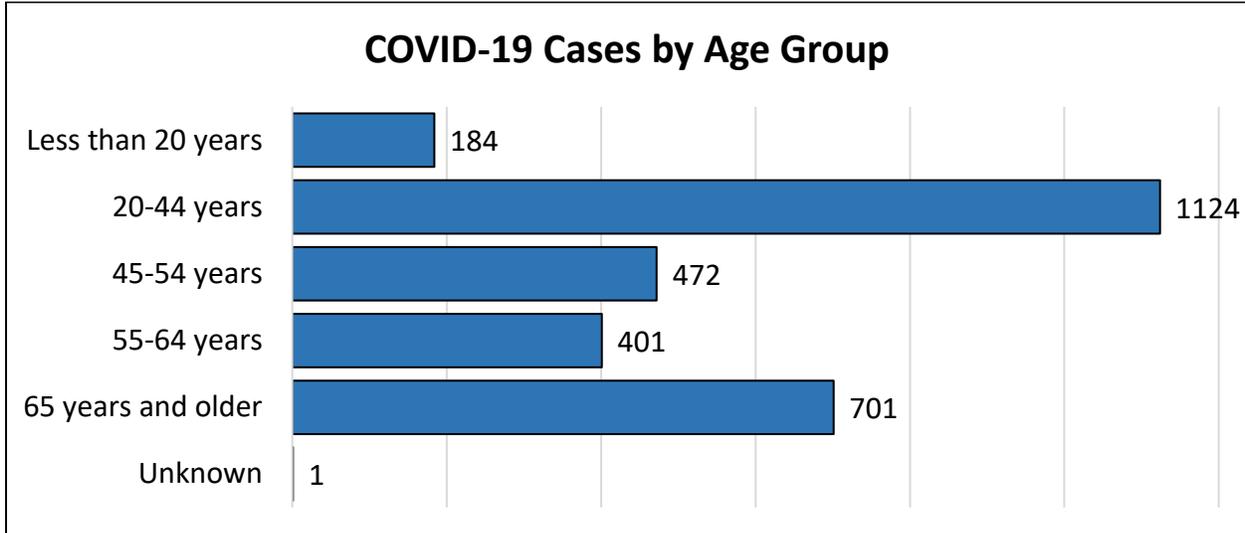
Chart 8: ADHS Dashboard for Arizona Weekly Percent (%) of COVID-Like-Illness (CLI) Visits Inpatient VS Emergency Department (ED) Visits



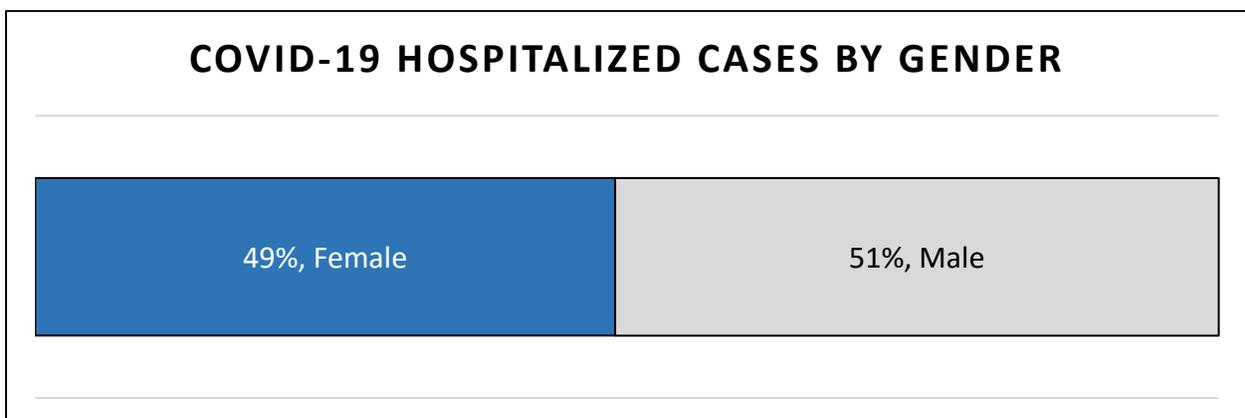
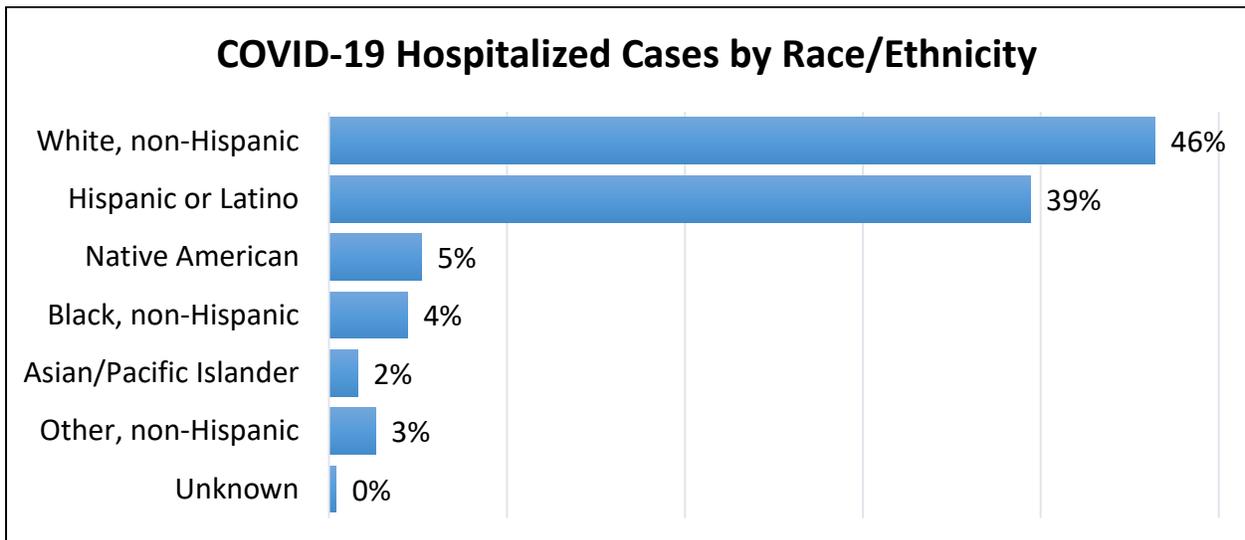
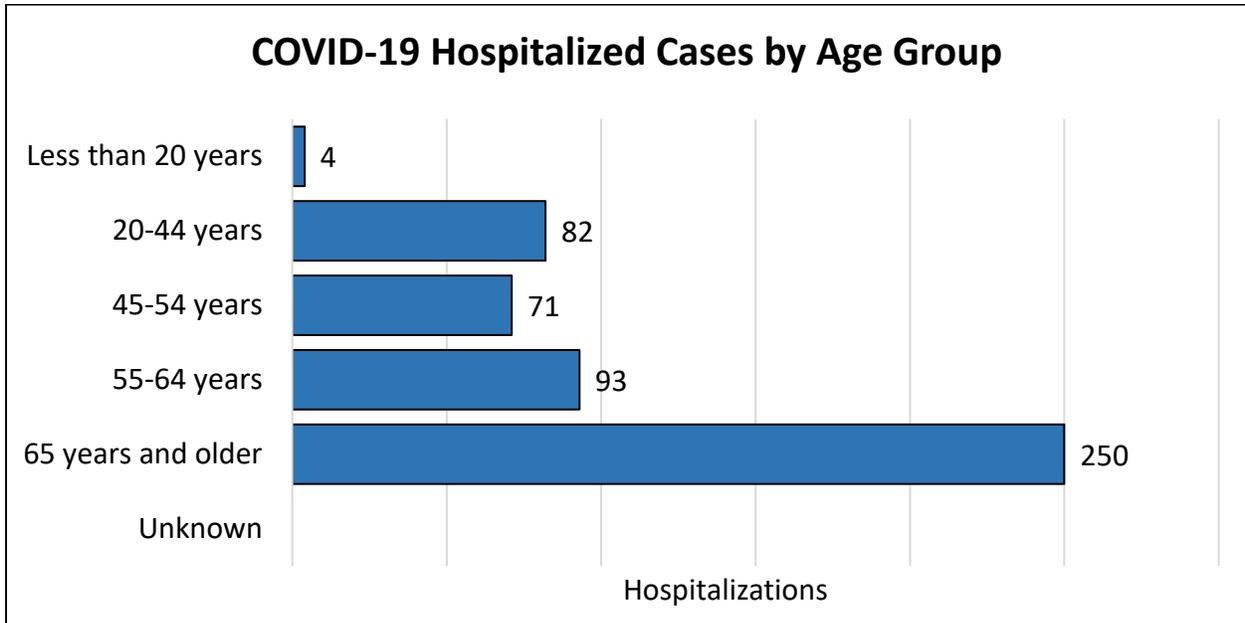
ATTACHMENT 2

Pima County COVID-19 Demographics- Date Updated 6/5/2020

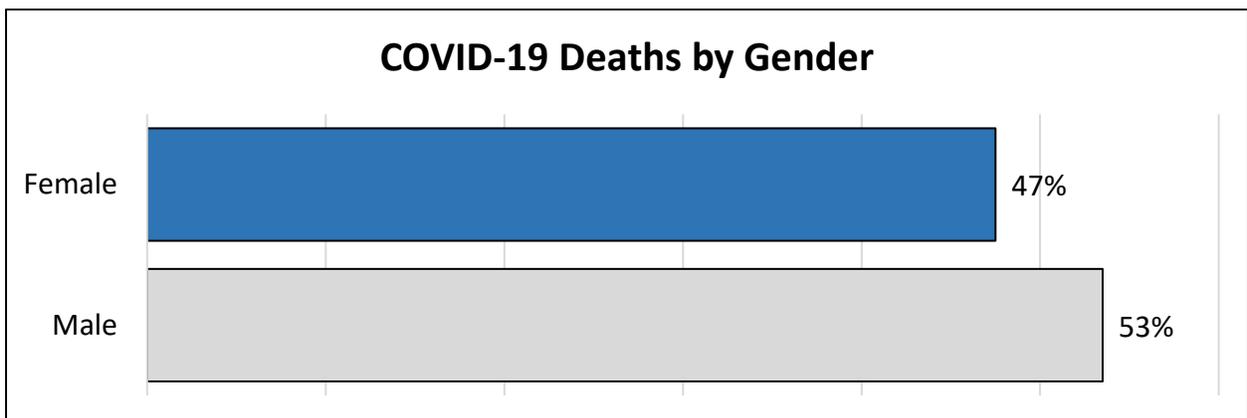
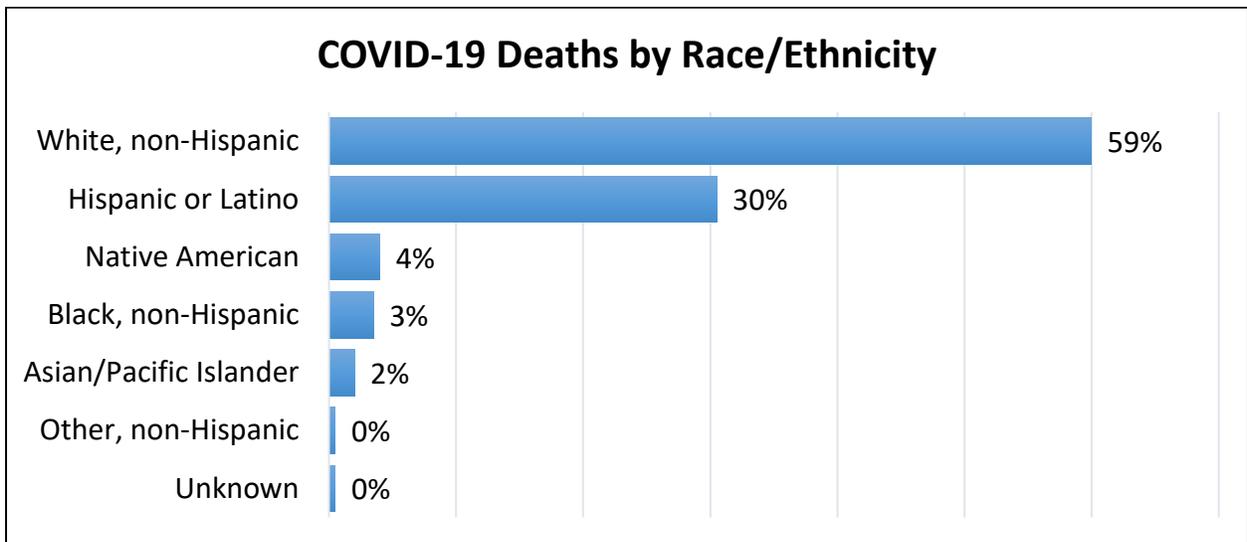
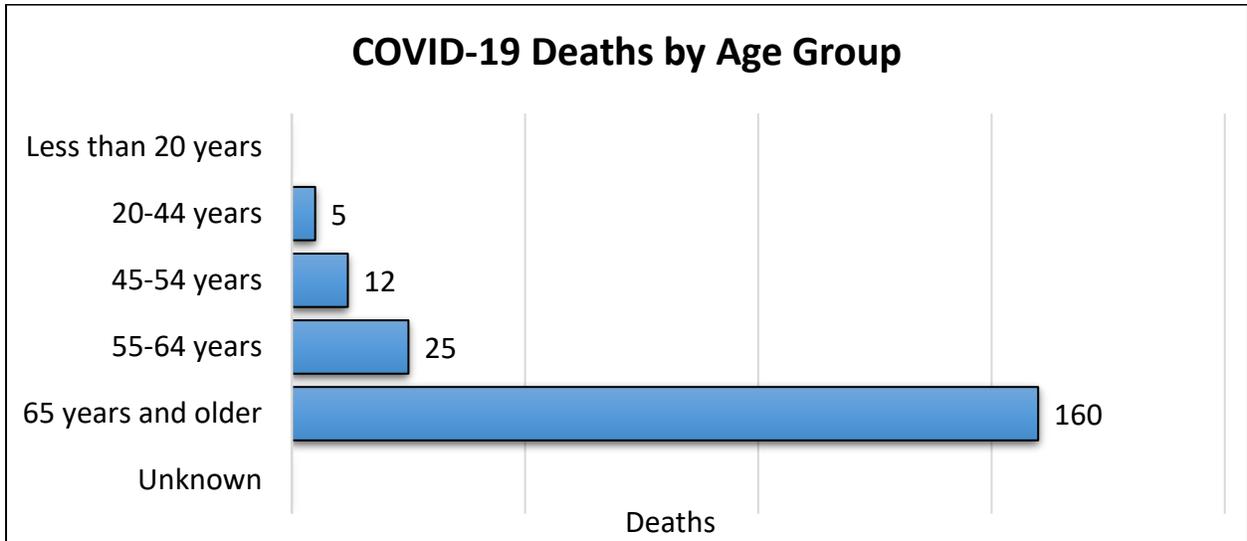
Demographics of COVID-19 Cases



Demographics of Hospitalized COVID-19 Cases



Demographics of COVID-19 Deaths



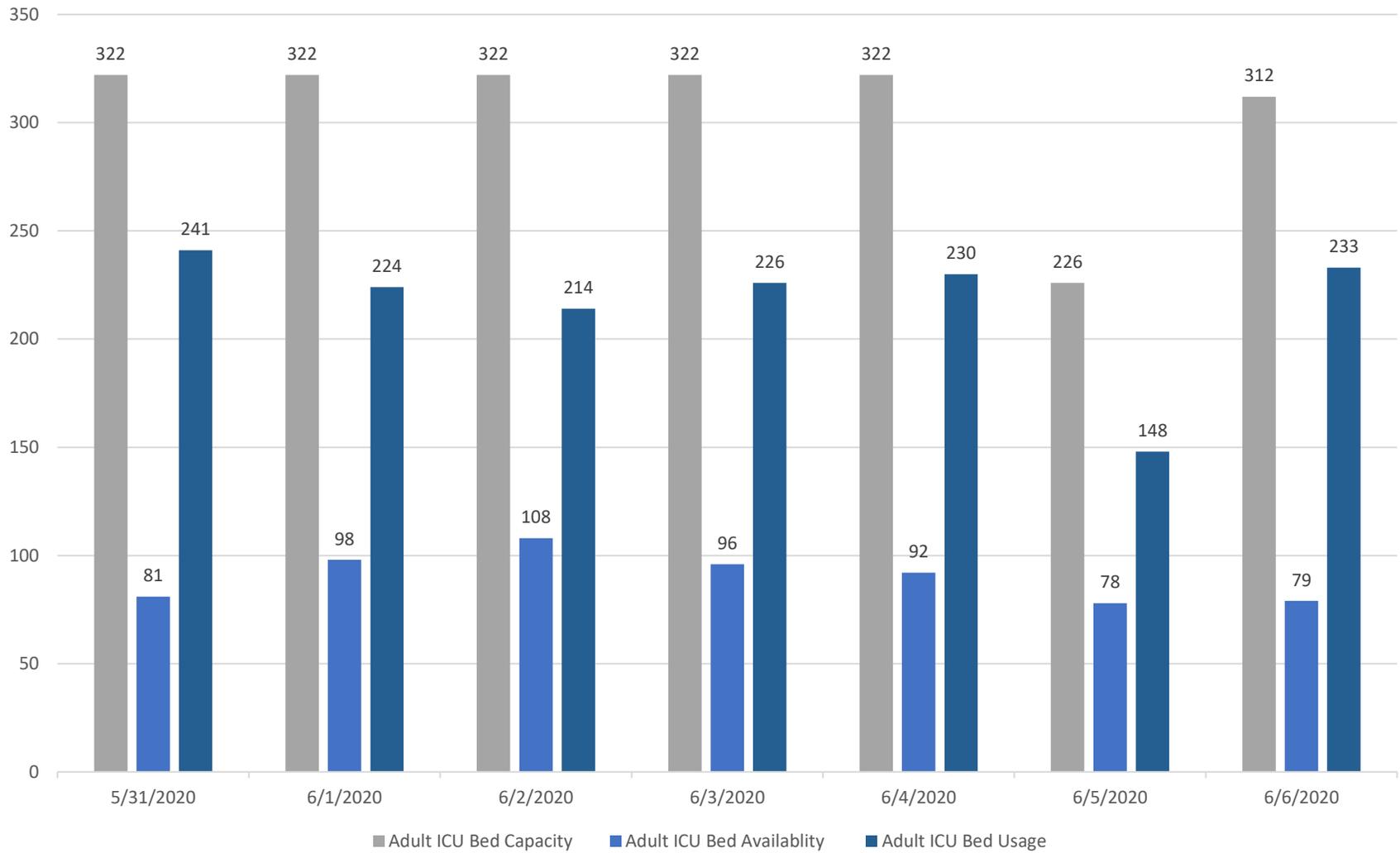
Estimated 2019 Pima County Population by ADHS¹

	Number	(%)
Overall Population	1,044,675	-
Age Groups		
Less than 20 years	250,118	24%
20-44 years	343,629	33%
45-54 years	114,455	11%
55-64 years	130,111	12%
65 years and older	206,362	20%
Race/Ethnicity		
White, non-Hispanic	547,474	52%
Hispanic or Latino	392,287	38%
Native American	27,074	3%
Black, non-Hispanic	41,025	4%
Asian/Pacific Islander	36,815	4%
Other, non-Hispanic*		
Gender		
Female	530,457	51%
Male	514,218	49%
*No estimated population value for race/ethnicity of other, non-Hispanic		

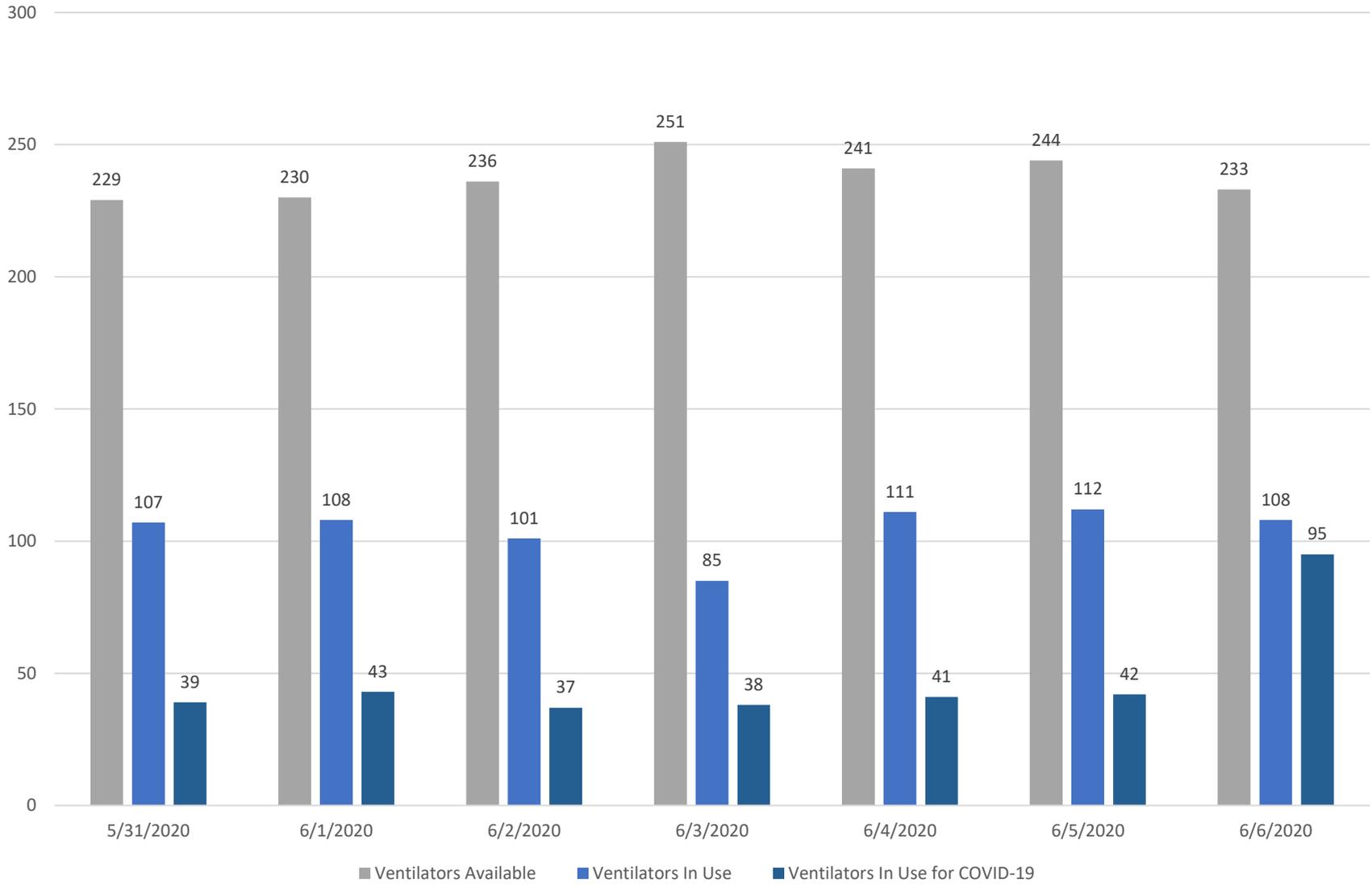
1. <https://pub.azdhs.gov/health-stats/menu/info/pop/index.php>

ATTACHMENT 3

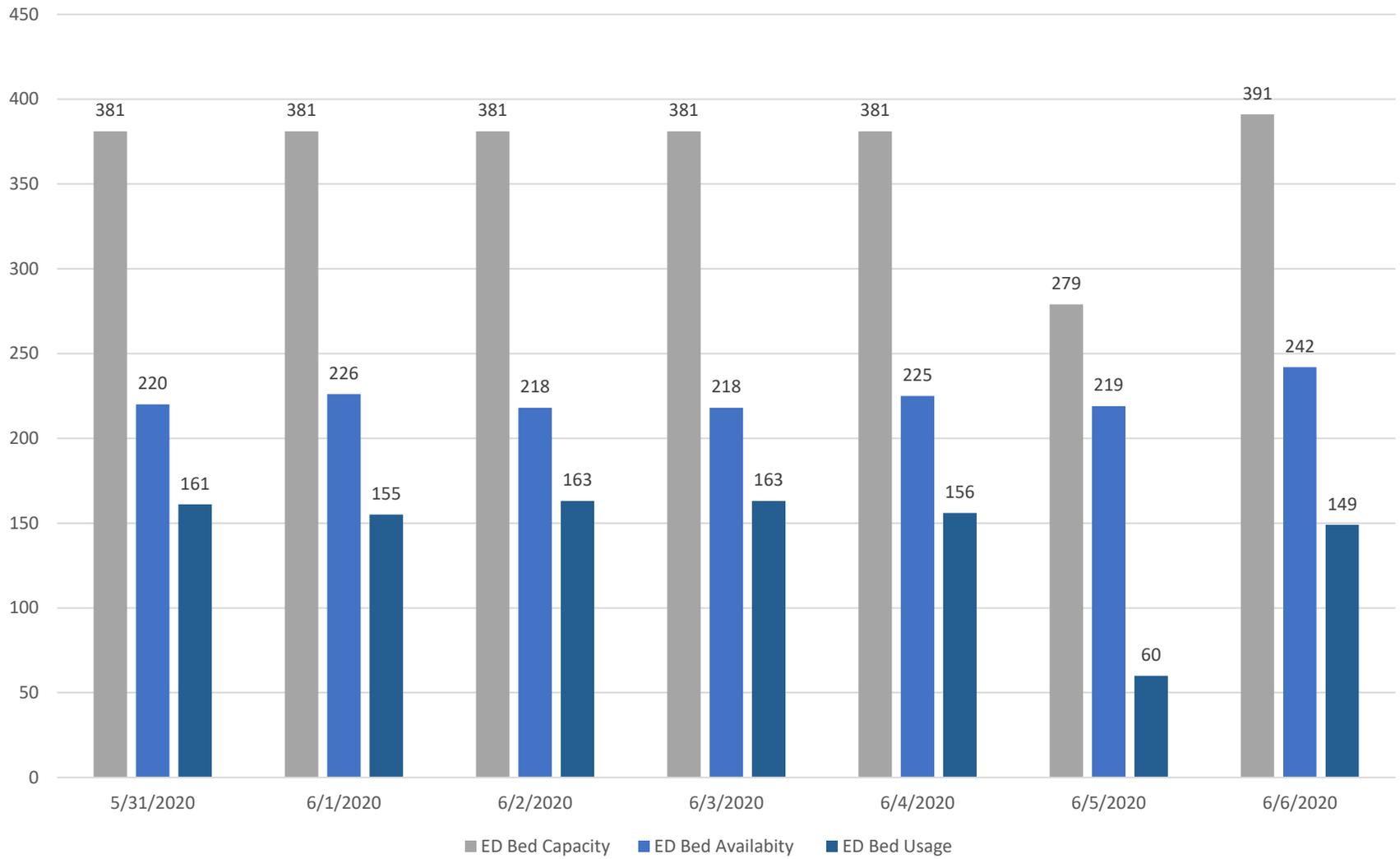
Pima County Adult ICU Bed Capacity



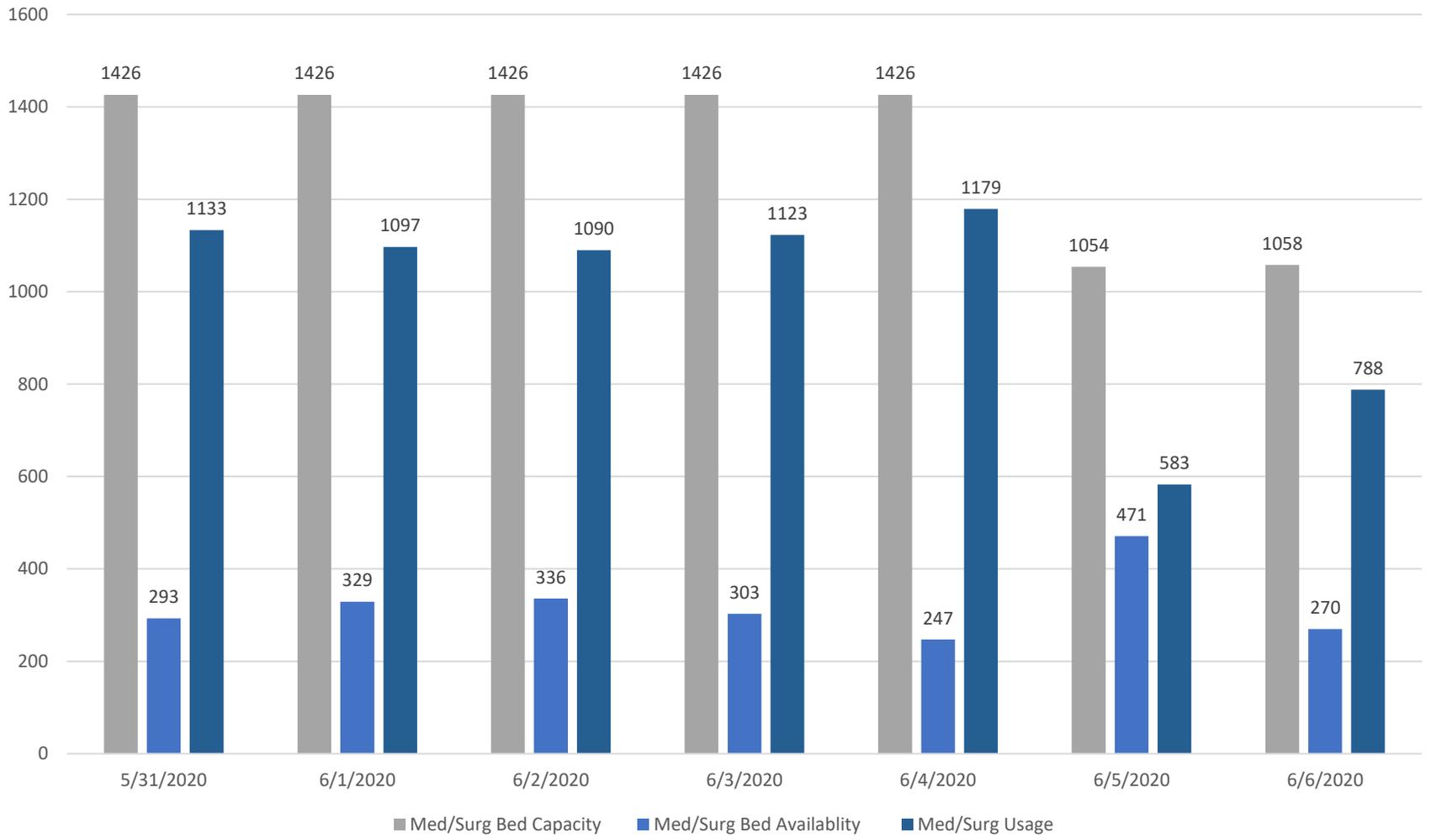
Pima County Ventilators Available/In Use



Pima County ED Bed Capacity



Pima County Med/Surg Bed Capacity



Pima County COVID-19 Positive Admissions/Discharges

