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# MEMORANDUM

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Date: July 16, 2020

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

From: C.H. Huckelberry  
County Administrator

A handwritten signature in black ink, appearing to read "CH Huckelberry", is written over the printed name and title of the County Administrator.

Re: **COVID-19 Situational Update for the Week Ending July 12, 2020**

## Disease update

Based on total weekly infections, the revised figures for the week 26 (6/21 to 6/27) appear to make that the worst week in terms of new cases in Pima County with 2300. Subsequent week counts are still expected to be revised upwards to just over 2000 cases, but we believe week 26 will be lower than the prior week (6/21-2/27) case count of 2300. Please note week 28 will be substantially adjusted upward. And we may be starting to see the end of this peak. On the other hand there were 31 attributable COVID deaths recorded for week 27 (6/28-7/4). This number will surely be revised upward. (Attachment 1)

Demographically the greatest increases in cases continues to be in the 20 to 44 year group and that has been the consistent trend since Memorial Day. Also notable since that time is the increase in Hispanic cases which previously was significantly lower. As the cases among younger people have increased so have the number of hospitalizations experience by this group although individuals 55 year and older continue to represent the bulk of the hospitalizations. Likewise Hispanics are now increasingly represented among hospitalized patients. Deaths continue to be highest among the oldest population group and among white (non-Hispanic) populations. (Attachment 2)

A relative bright spot remains the Long Term Care facilities where both the number of cases, hospitalizations, and mortality have continued to improve.

## Testing and Hospital Capacity

Since the beginning of the response in March Pima County has facilitated the deployment of 32,080 testing kits predominantly to long term care, assisted living and congregate living facilities.

This week the County stood up a testing center at the Kino Event Center in cooperation with our partner Paradigm Laboratories. This facility will provide screening especially among lower income individuals representing demographic profiles of the south side. In just the first three days of operation 1052 individuals have been tested. The capacity of the facility is between 800 and 1000 per day in full operation. Since the facility operates by appointment only, we typically have scheduled over 600 per day in the first few days of operation and have about 400 individuals per day show up for the test. Most importantly, test results are being provided in approximately 24 to 48 hours.

The Honorable Chairman and Members, Pima County Board of Supervisors  
Re: **COVID-19 Situational Update for the Week Ending July 12, 2020**  
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Hospital capacity continues to be an area of attention and vulnerability. Although Emergency Department capacity remains excellent, the trend continues to be concerning in terms of ICU capacity between 23 to 35 beds. (Attachment 3)

**Daily Report**

The daily report of infection and deaths continues to be reported to a variety of individuals including the regions' Mayors. This report shows consistently high infection totals during all of July to date. The report also shows the monthly infections since March. July is now on track to record potentially over 8000 infections making it the month with the highest number of infections since the pandemic began. (Attachment 4)

CHH/mp

**Attachments**

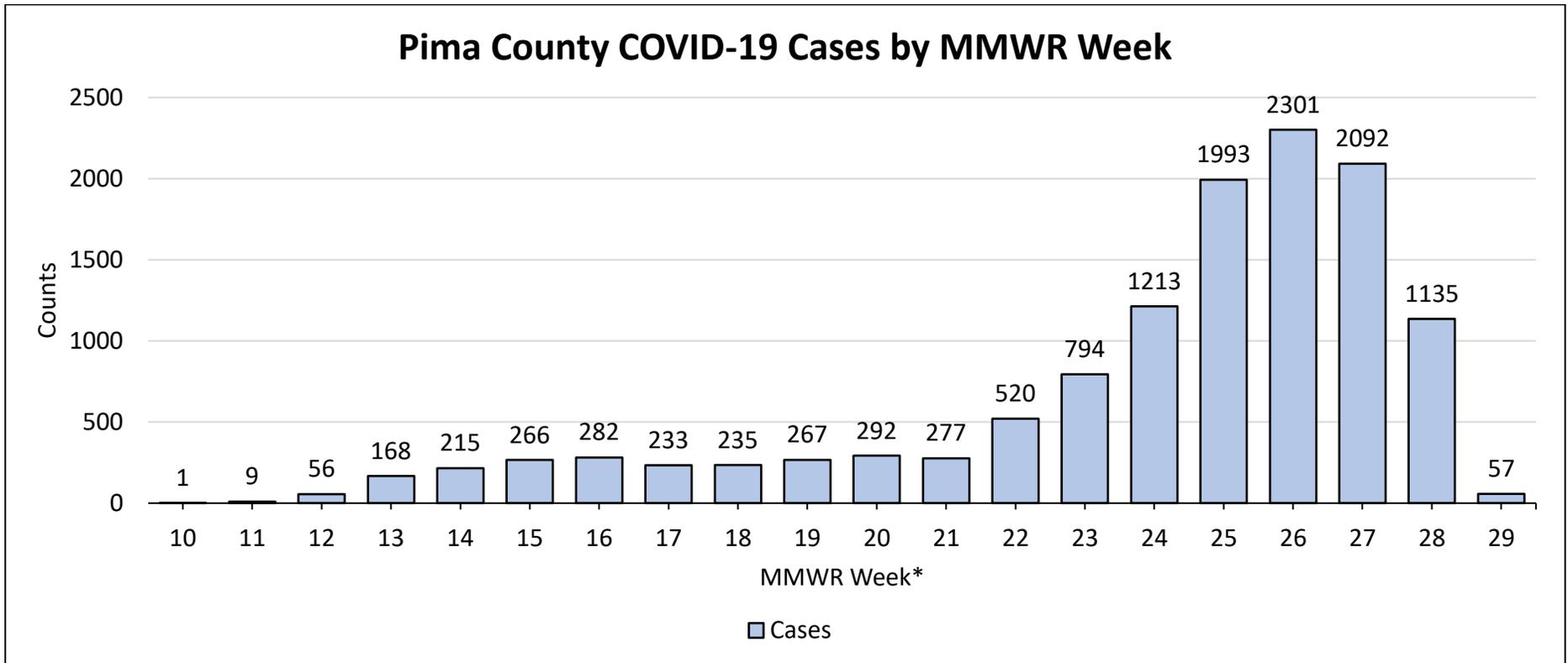
c: Jan Leshar, Chief Deputy County Administrator  
Francisco García, MD, MPH, Deputy County Administrator and Chief Medical Officer,  
Health and Community Services  
Dr. Terry Cullen, Public Health Director, Health Department

# ATTACHMENT 1



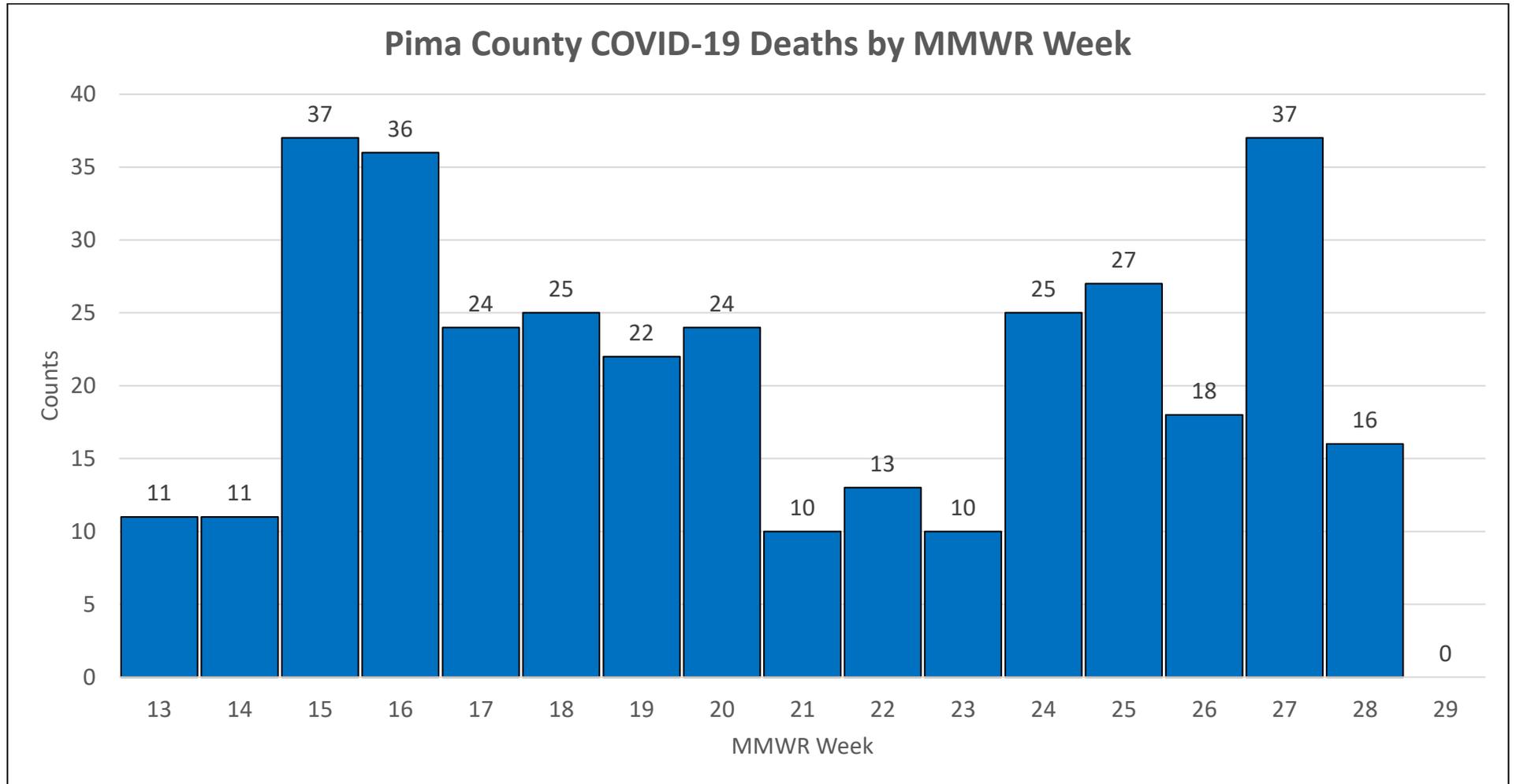
## Pima County COVID-19 Cases and Hospitalizations Report

Chart 1: Pima County COVID-19 by MMWR week



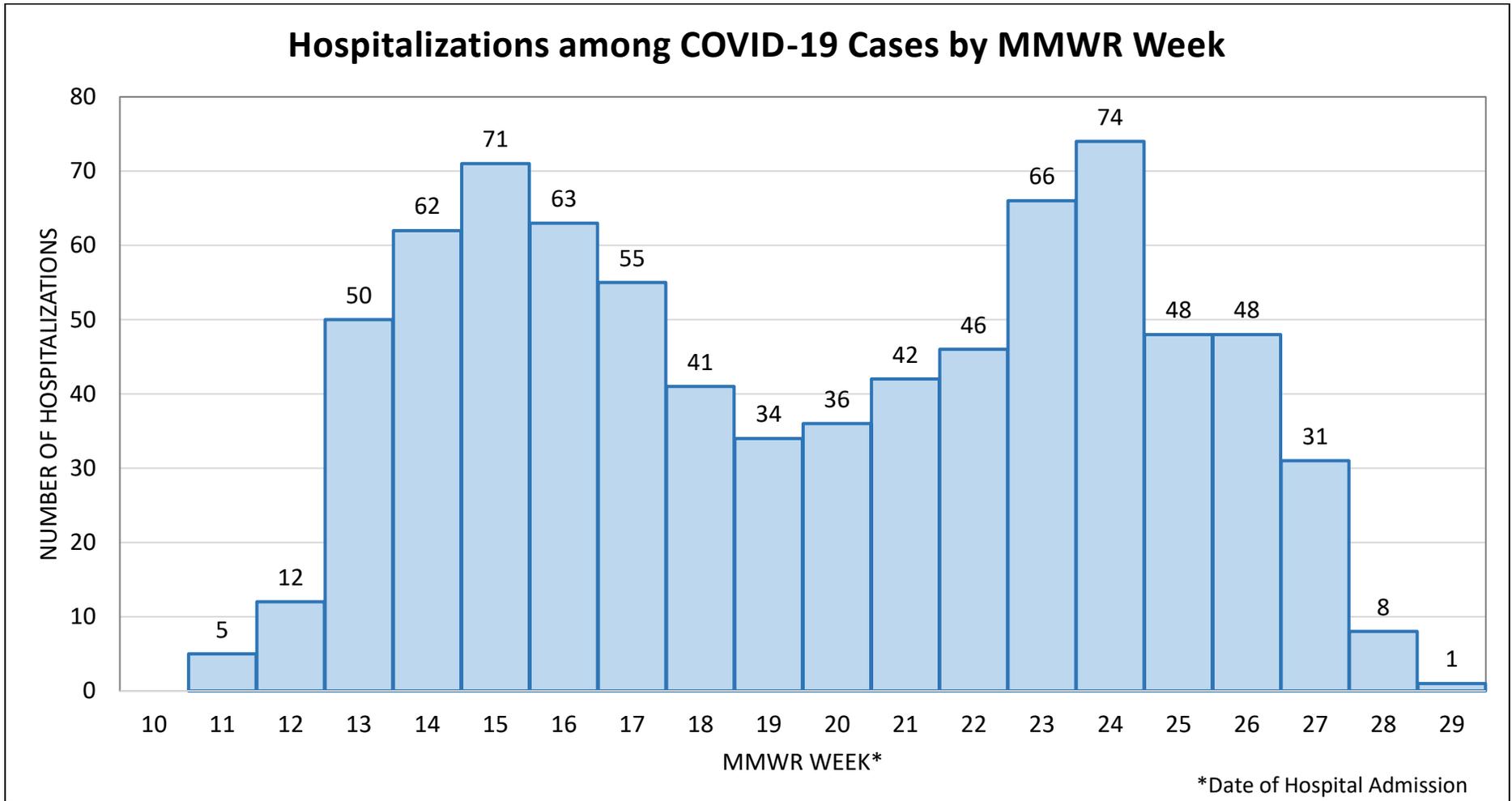
Week 10: 3/1/20-3/7/20 — Week 11: 3/8/20-3/14/20 — Week 12: 3/15/20-3/21/20 — Week 13: 3/22/20-3/28/20 — Week 14: 3/29/20-4/4/20—Week 15: 4/5/20-4/11/20 —Week 16: 4/12/20-4/17/20 — Week 17: 4/19/20-4/25/20 — Week 18: 4/26/20-5/2/20—Week 19: 5/3/20-5/9/20—Week 20: 5/10/20-5/16/20—Week 21: 5/17/20-5/23/20—Week 22: 5/24/20-5/30/20—Week 23: 5/31/20-6/6/20—Week 24: 6/7/20-6/13/20—Week 25: 6/14/20-6/20/20 — Week 26: 6/21/20 – 6/27/20 -- Week 27: 6/28/20-7/4/20 – Week 28: 7/5/20 – 7/11/20 – Week 29: 7/12/20-7/18/20

**Chart 2:** Pima County COVID-19 deaths by MMWR Week



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

**Chart 3:** Pima County COVID-19 cases that are hospitalized by MMWR Week



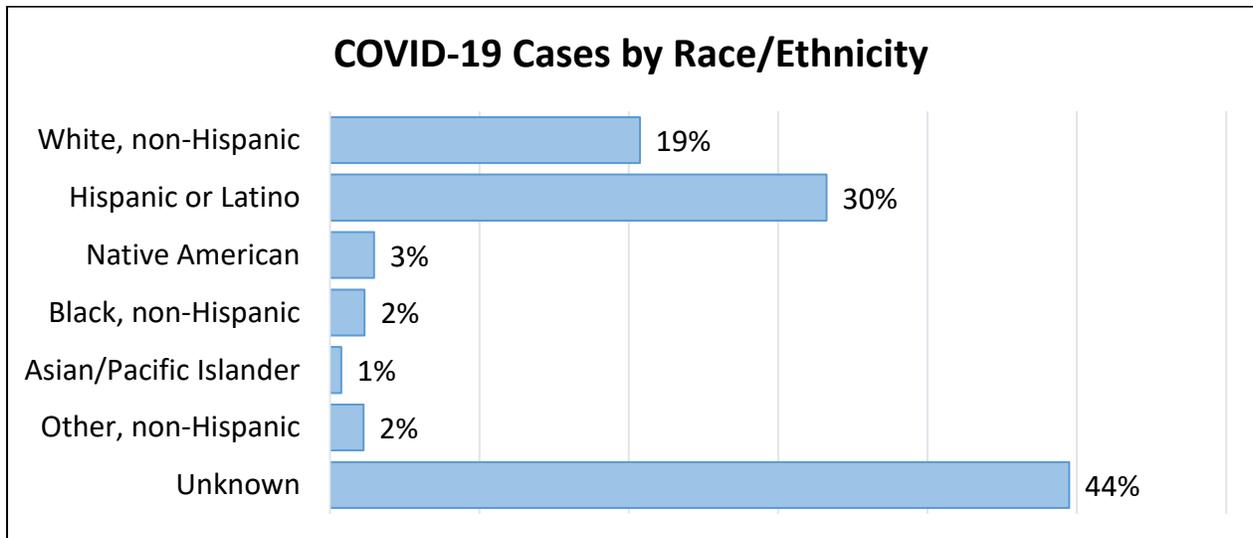
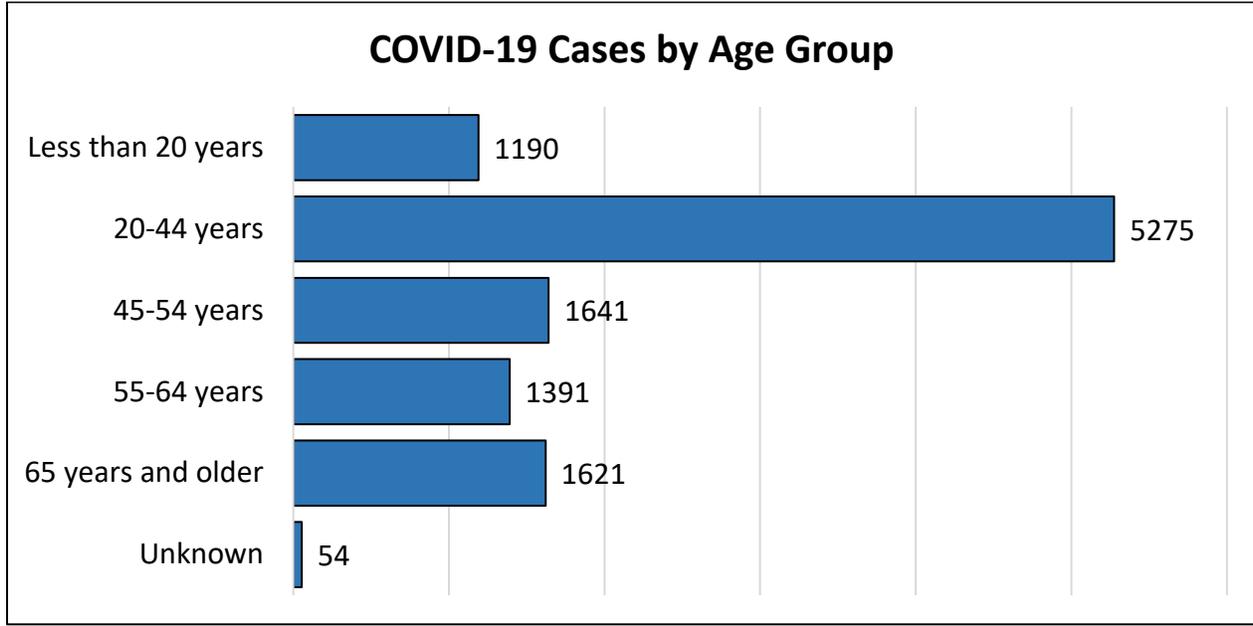
**\*\*Note:** Recent hospitalizations may not be reported yet.

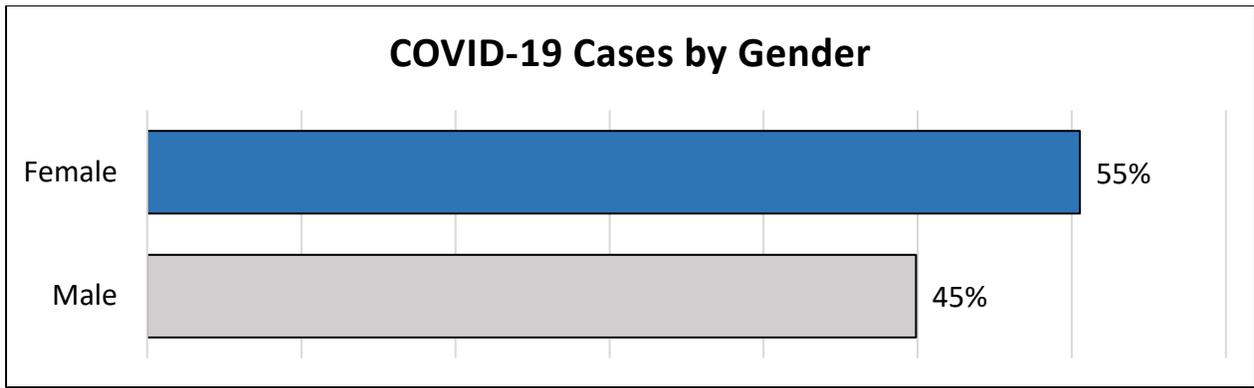
# ATTACHMENT 2



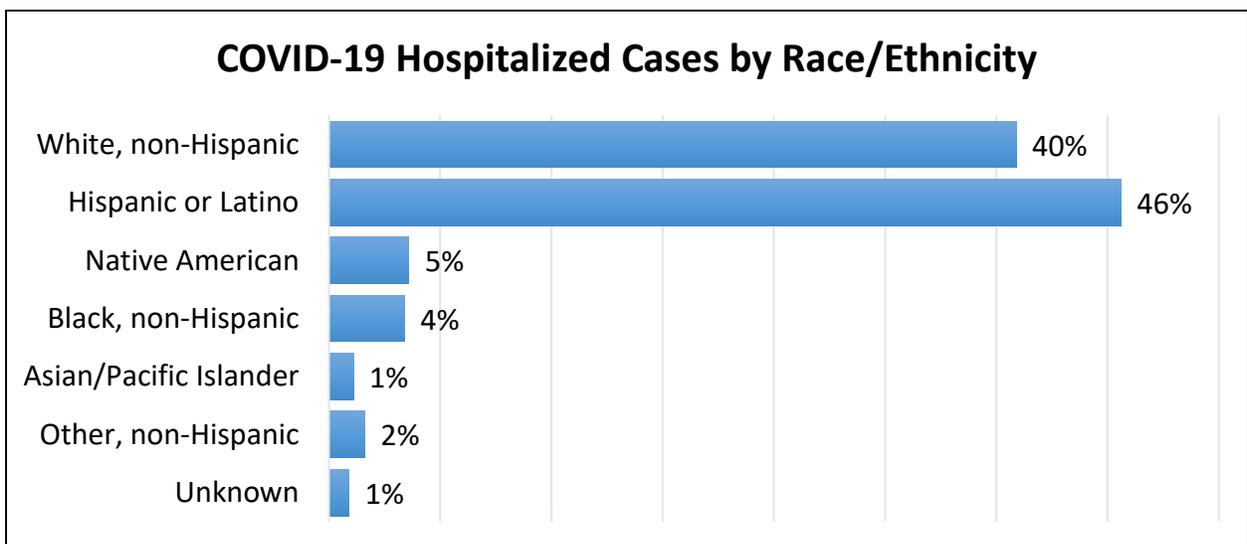
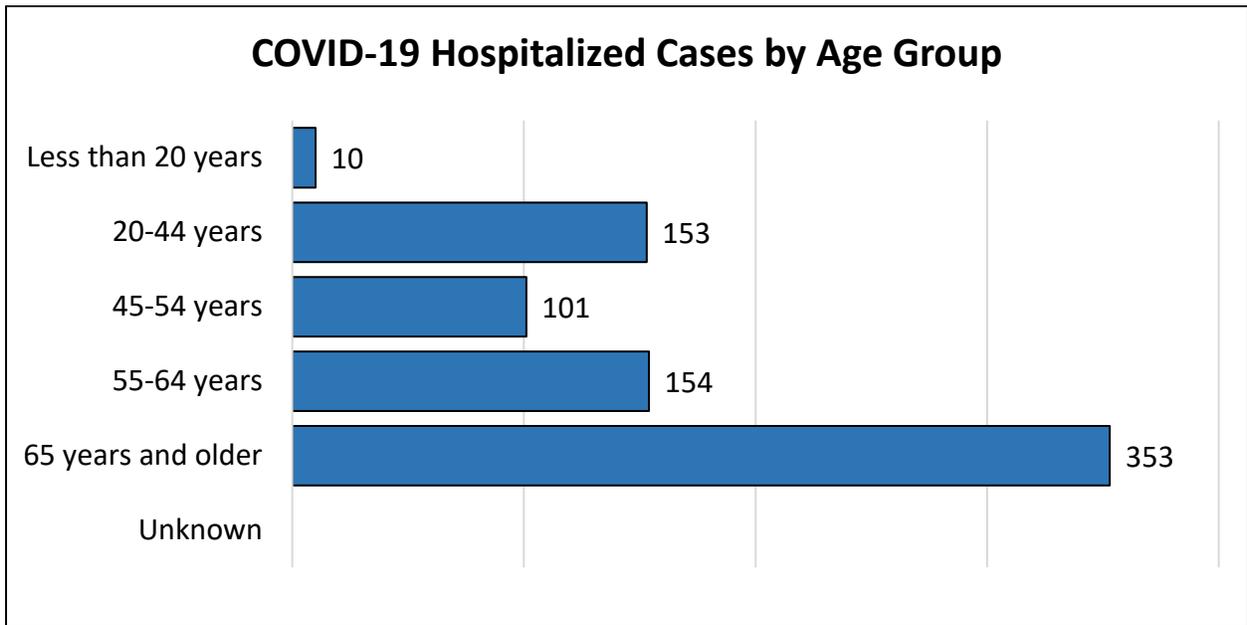
## Pima County COVID-19 Demographics

### Demographics of COVID-19 Cases





## Demographics of Hospitalized COVID-19 Cases

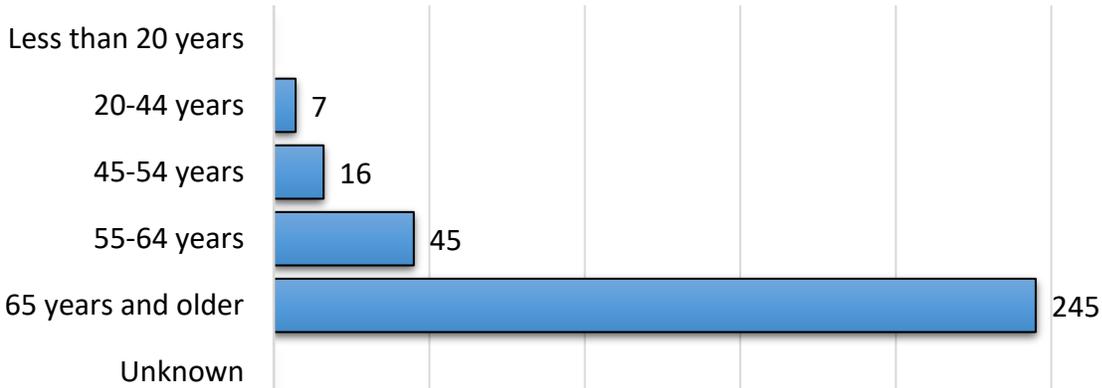


## COVID-19 HOSPITALIZED CASES BY GENDER

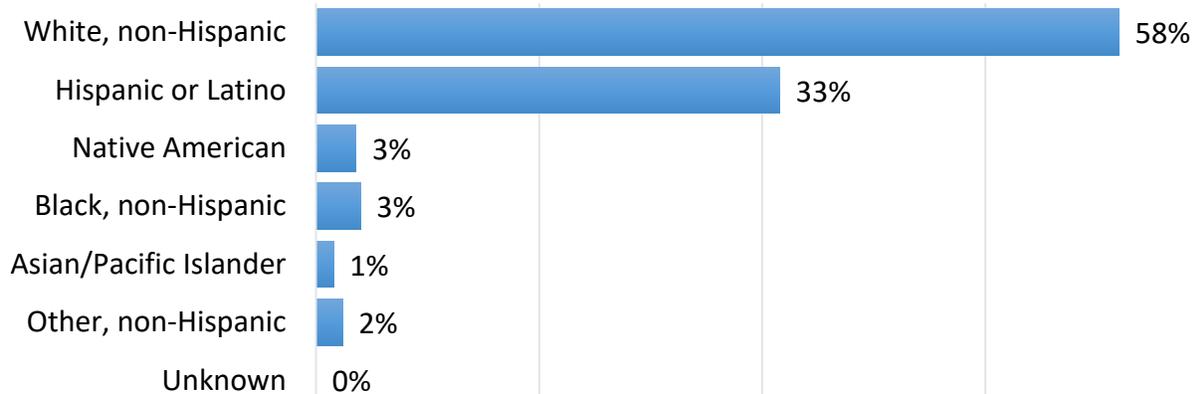


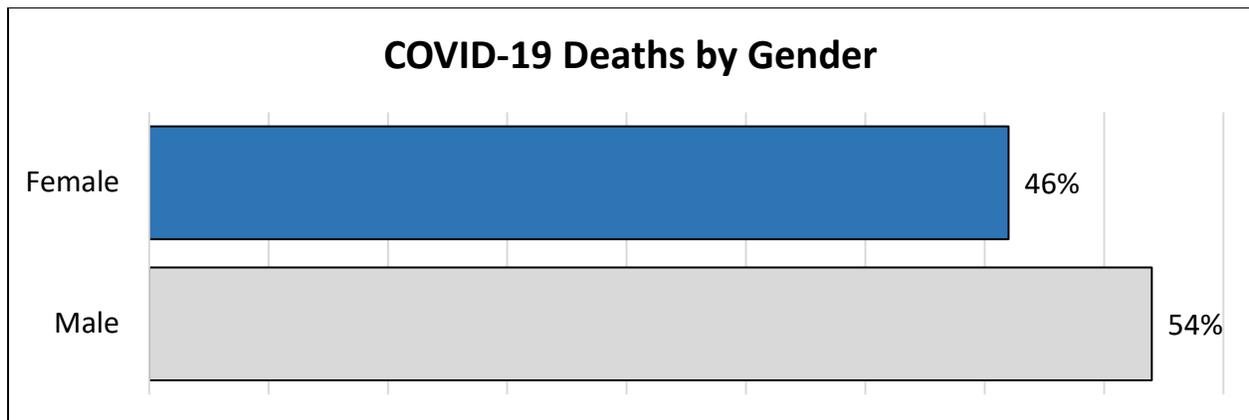
## Demographics of COVID-19 Deaths

### COVID-19 Deaths by Age Group



### COVID-19 Deaths by Race/Ethnicity





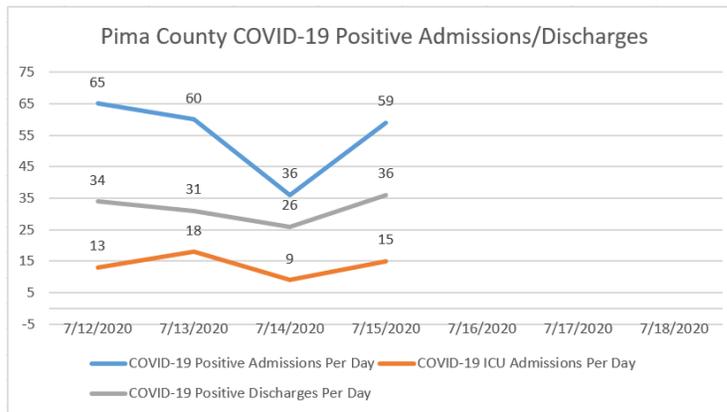
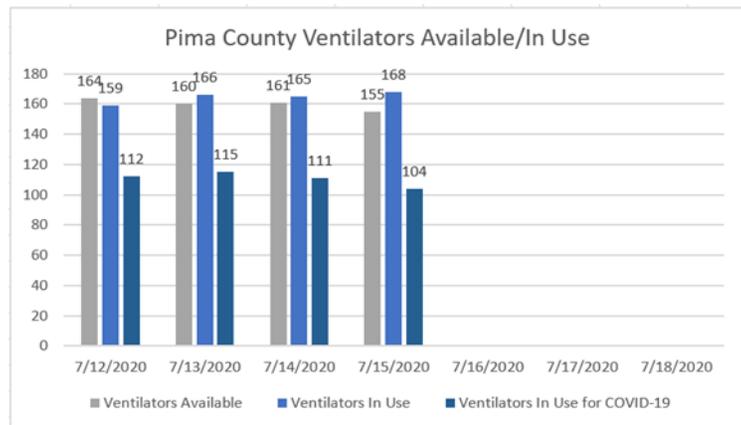
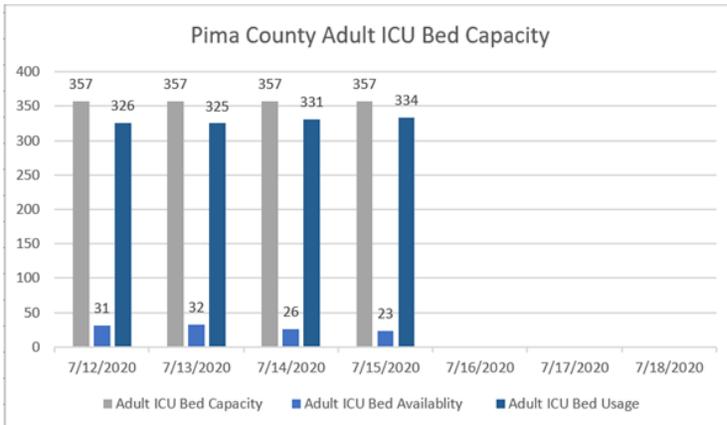
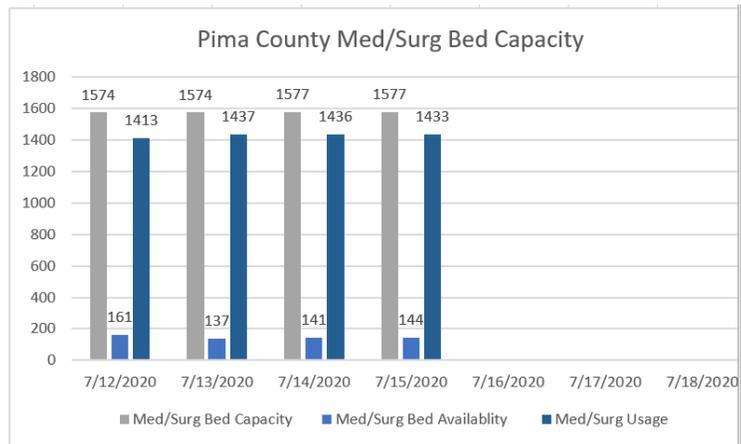
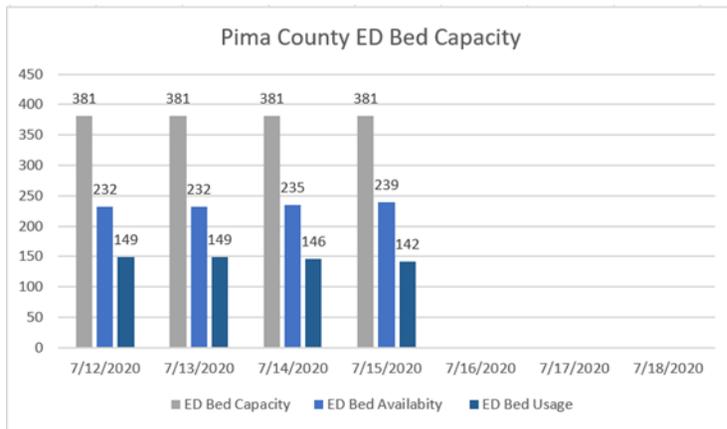
### Estimated 2019 Pima County Population by ADHS<sup>1</sup>

|                           | Number    | (%) |
|---------------------------|-----------|-----|
| <b>Overall Population</b> | 1,044,675 | -   |
| <b>Age Groups</b>         |           |     |
| 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% |
| <b>Race/Ethnicity</b>     |           |     |
| 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*      |           |     |
| <b>Gender</b>             |           |     |
| 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



Updated: 07/15/2020

# ATTACHMENT 4

Current COVID-19 Case Information  
Arizona and Pima County

## July

|                                | # of Cases |       | AZ           |        | Pima Co      |        | # of Deaths |      | Pima Co      |        | Testing |             |        |    |
|--------------------------------|------------|-------|--------------|--------|--------------|--------|-------------|------|--------------|--------|---------|-------------|--------|----|
|                                | AZ         | Pima  | Change from  | AZ %   | Change from  | Pima % | AZ          | Pima | Change from  | State  | Pima Co | Change from | %      |    |
|                                |            |       | Previous Day | Change | Previous Day | Change |             |      | Previous Day | Total  | total   | Prev Day    | Change |    |
| 1-Jul                          | 84092      | 8387  | 4877         | 6%     | 383          | 5%     | 1720        | 280  | 7            | 1-Jul  | 721985  | 88099       | 1992   | 2% |
| 2-Jul                          | 87425      | 8577  | 3333         | 4%     | 190          | 2%     | 1757        | 280  | 0            | 2-Jul  | 735496  | 89282       | 1183   | 1% |
| 3-Jul                          | 91858      | 9024  | 4433         | 5%     | 447          | 5%     | 1788        | 282  | 2            | 3-Jul  | 755768  | 91759       | 2477   | 3% |
| 4-Jul                          | 94553      | 9313  | 2695         | 3%     | 289          | 3%     | 1805        | 282  | 0            | 4-Jul  | 769290  | 93409       | 1650   | 2% |
| 5-Jul                          | 98089      | 9621  | 3536         | 4%     | 308          | 3%     | 1808        | 282  | 0            | 5-Jul  | 785999  | 95683       | 2274   | 2% |
| 6-Jul                          | 101441     | 9873  | 3352         | 3%     | 252          | 3%     | 1810        | 282  | 0            | 6-Jul  | 800452  | 97270       | 1587   | 2% |
| 7-Jul                          | 105094     | 10184 | 3653         | 3%     | 311          | 3%     | 1927        | 302  | 20           | 7-Jul  | 811870  | 98677       | 1407   | 1% |
| 8-Jul                          | 108614     | 10485 | 3520         | 3%     | 301          | 3%     | 1963        | 302  | 0            | 8-Jul  | 827089  | 100214      | 1587   | 2% |
| 9-Jul                          | 112671     | 10835 | 4057         | 4%     | 350          | 3%     | 2038        | 313  | 11           | 9-Jul  | 841282  | 101791      | 1577   | 2% |
| 10-Jul                         | 116892     | 11172 | 4221         | 4%     | 340          | 3%     | 2082        | 313  | 0            | 10-Jul | 860295  | 103797      | 2006   | 2% |
| 11-Jul                         | 119930     | 11443 | 3038         | 3%     | 271          | 2%     | 2151        | 326  | 13           | 11-Jul | 878241  | 106313      | 2516   | 2% |
| 12-Jul                         | 122467     | 11767 | 2537         | 2%     | 324          | 3%     | 2237        | 327  | 1            | 12-Jul | 892480  | 108199      | 1886   | 2% |
| 13-Jul                         | 123824     | 11856 | 1357         | 1%     | 89           | 1%     | 2245        | 327  | 0            | 13-Jul | 899994  | 109153      | 1754   | 2% |
| 14-Jul                         | 128097     | 12114 | 4273         | 3%     | 258          | 2%     | 2337        | 338  | 11           | 14-Jul | 920641  | 111461      | 2308   | 2% |
| 15-Jul                         | 131354     | 12406 | 3257         | 2%     | 292          | 2%     | 2434        | 347  | 9            | 15-Jul | 936277  | 113281      | 1820   | 2% |
| 16-Jul                         | 134613     | 12697 | 3259         | 2%     | 291          | 2%     | 2492        | 360  | 13           | 16-Jul | 951809  | 115289      | 2008   | 2% |
| July 1 - July 16 Case Increase |            | 4310  |              |        |              |        |             |      |              |        |         |             |        |    |

Age Group:

|         |       |      |
|---------|-------|------|
| < 20    | 1399  | 11%  |
| 20 - 44 | 5981  | 47%  |
| 45 - 54 | 1897  | 15%  |
| 55-64   | 1574  | 12%  |
| 65+     | 1787  | 14%  |
| Unknown | 59    | 0%   |
|         | 12697 | 100% |

Sex:

|        |      |     |
|--------|------|-----|
| Female | 6885 | 55% |
| Male   | 5670 | 45% |

Ethnicity

|          |       |      |
|----------|-------|------|
| White NH | 2271  | 18%  |
| Hispanic | 3699  | 29%  |
| Nat Am   | 337   | 3%   |
| Black    | 248   | 2%   |
| Asian/PI | 83    | 1%   |
| Other NH | 258   | 2%   |
| UNK      | 5801  | 46%  |
|          | 12697 | 100% |

| Monthly Case Number Increases |       |                                   |
|-------------------------------|-------|-----------------------------------|
| 153                           | March | March 25 - March 31 Case Increase |
| 1024                          | April | April 1 - April 30 Case Increase  |
| 1101                          | May   | May 1 - May 31 Case Increase      |
| 5622                          | June  | June 1 - June 30 Case Increase    |
| 4310                          | July  | July 1 - July 16 Case Increase    |