



Champion positive health outcomes and behaviors through innovative programs and community engagement

**Jefferson County, Missouri**  
**Covid-19 Surveillance Report**  
**School Aged Population**

**Week 32: August 8- August 14**

*All data are preliminary and may change as more reports are received.*

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**SUMMARY:**

- During Week 32 a total of 91 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3780 confirmed and probable Covid-19 cases have been reported in 0-19 year age group in Jefferson County, Missouri.
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Table 1. Number of Confirmed and Probable Covid-19 Cases by Week,  
0-19 Year Age Group,  
Jefferson County, Missouri

| CDC Week | CDC Week Start Date | Covid-19 Cases | Cumulative Covid-19 Case Total |
|----------|---------------------|----------------|--------------------------------|
| 47       | 11/15/2020          | 191            | 1270                           |
| 48       | 11/22/2020          | 133            | 1403                           |
| 49       | 11/29/2020          | 157            | 1560                           |
| 50       | 12/6/2020           | 172            | 1732                           |
| 51       | 12/13/2020          | 126            | 1858                           |
| 52       | 12/20/2020          | 87             | 1945                           |
| 53       | 12/27/2020          | 140            | 2085                           |
| 1        | 1/3/2021            | 196            | 2281                           |
| 2        | 1/10/2021           | 129            | 2410                           |
| 3        | 1/17/2021           | 73             | 2483                           |
| 4        | 1/24/2021           | 85             | 2568                           |
| 5        | 1/31/2021           | 92             | 2660                           |
| 6        | 2/7/2021            | 28             | 2688                           |
| 7        | 2/14/2021           | 33             | 2721                           |
| 8        | 2/21/2021           | 30             | 2751                           |
| 9        | 2/28/2021           | 33             | 2784                           |
| 10       | 3/7/2021            | 36             | 2820                           |
| 11       | 3/14/2021           | 31             | 2851                           |
| 12       | 3/21/2021           | 46             | 2897                           |
| 13       | 3/28/2021           | 62             | 2959                           |
| 14       | 4/4/2021            | 58             | 3017                           |
| 15       | 4/11/2021           | 48             | 3065                           |
| 16       | 4/18/2021           | 43             | 3108                           |
| 17       | 4/25/2021           | 48             | 3156                           |
| 18       | 5/2/2021            | 35             | 3191                           |
| 19       | 5/9/2021            | 22             | 3213                           |
| 20       | 5/16/2021           | 12             | 3225                           |
| 21       | 5/23/2021           | 6              | 3231                           |
| 22       | 5/30/2021           | 4              | 3235                           |
| 23       | 6/6/2021            | 8              | 3243                           |
| 24       | 6/13/2021           | 13             | 3256                           |
| 25       | 6/20/2021           | 26             | 3282                           |
| 26       | 6/27/2021           | 25             | 3307                           |
| 27       | 7/4/2021            | 34             | 3341                           |
| 28       | 7/11/2021           | 66             | 3407                           |
| 29       | 7/18/2021           | 76             | 3483                           |
| 30       | 7/25/2021           | 105            | 3588                           |
| 31       | 8/1/2021            | 101            | 3689                           |
| 32       | 8/8/2021            | 91             | 3780                           |

Figure 1. Number of Confirmed and Probable Covid-19 Cases by Week, 0-19 Year Age Group, Jefferson County, Missouri

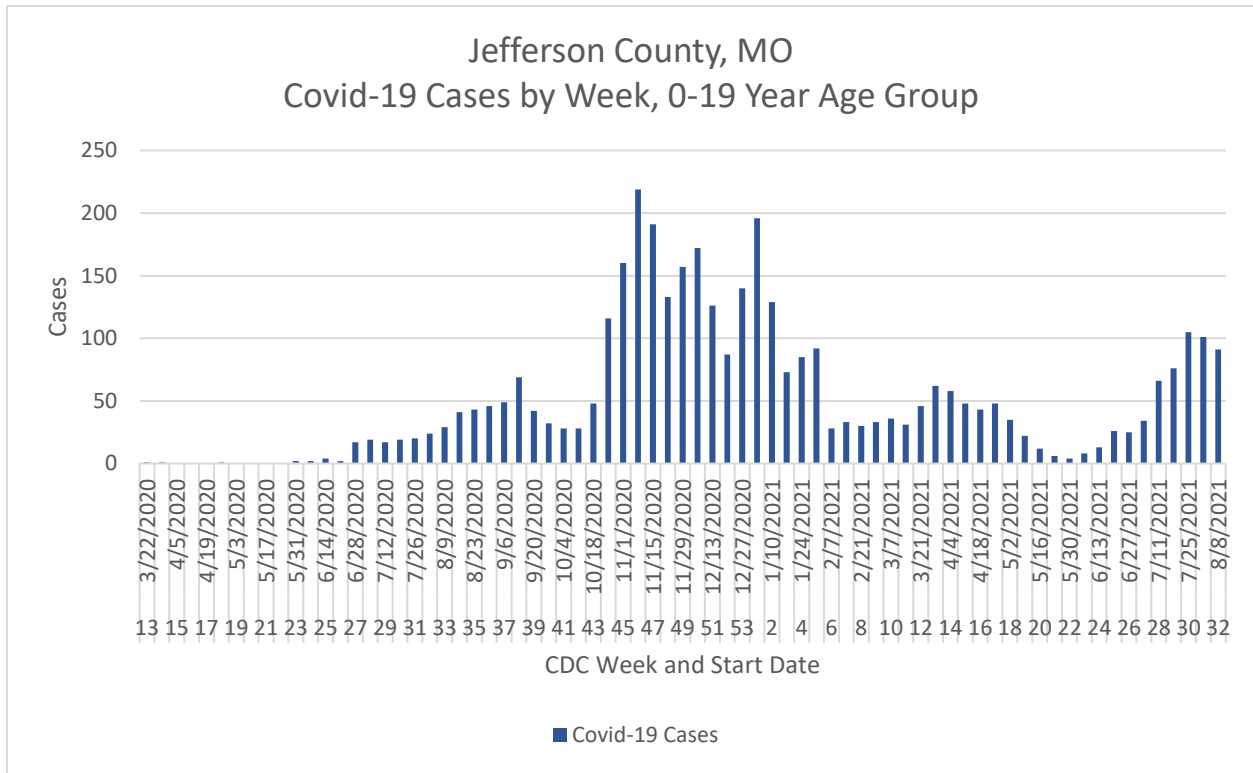


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

| Age Group | Cases  | Percent |
|-----------|--------|---------|
| 0-9       | 998    | 3.74%   |
| 10-19     | 2,842  | 10.66%  |
| 20+       | 22,820 | 85.60%  |

Figure 2. Covid-19 Cases by Zip Code, 0-19 Year Age Group, Jefferson County, Missouri

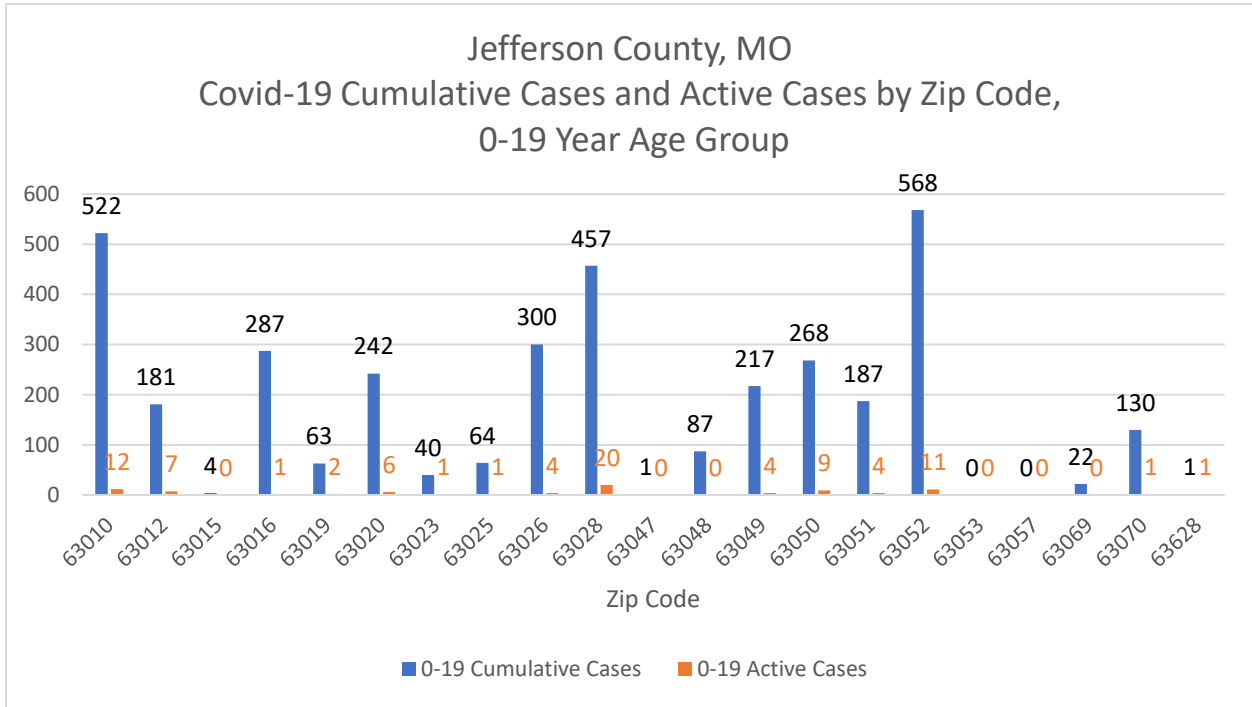


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

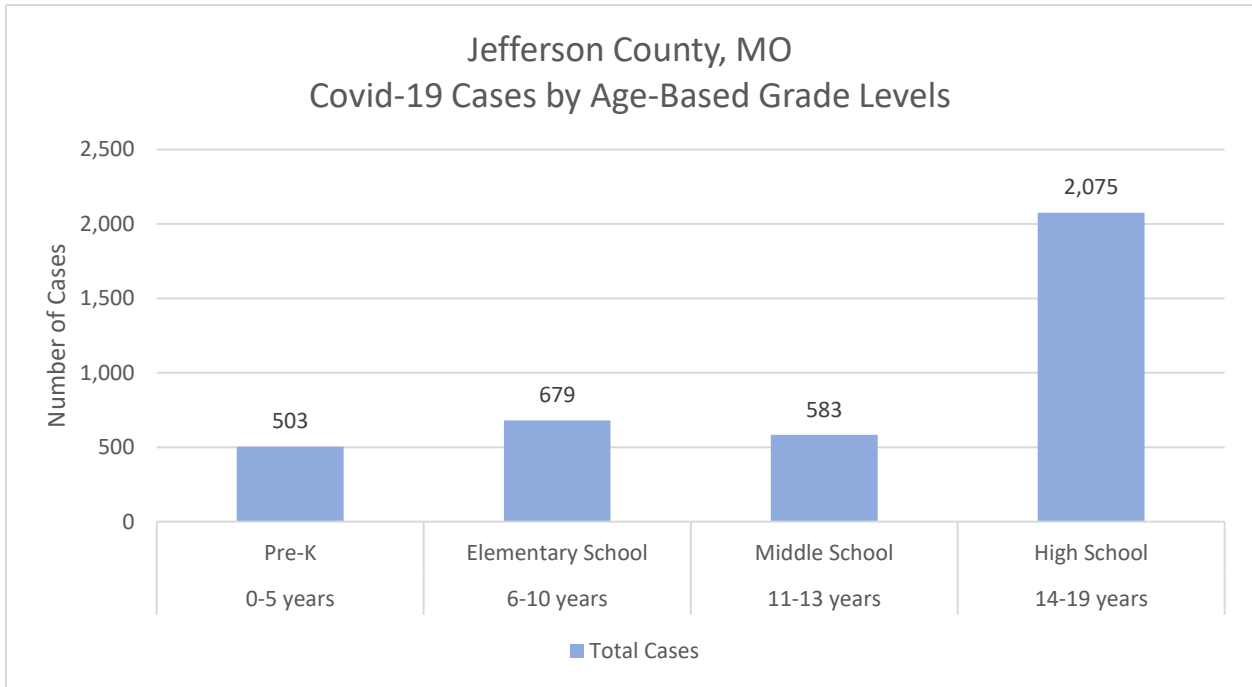


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

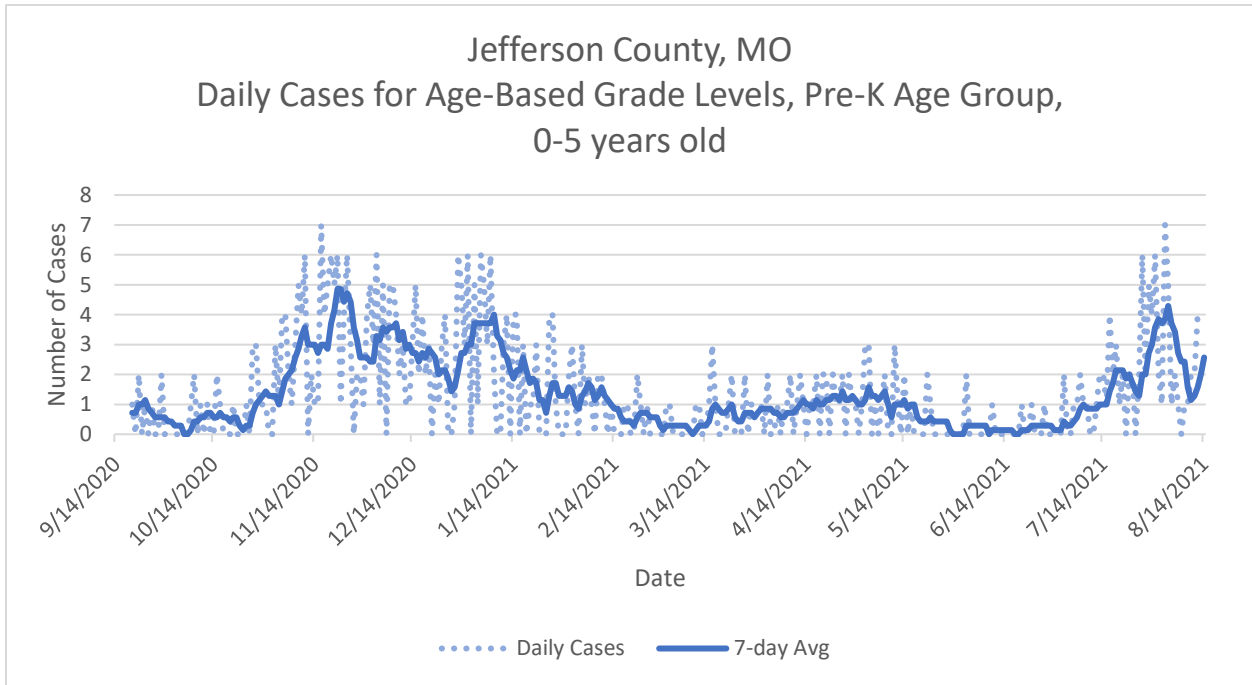


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

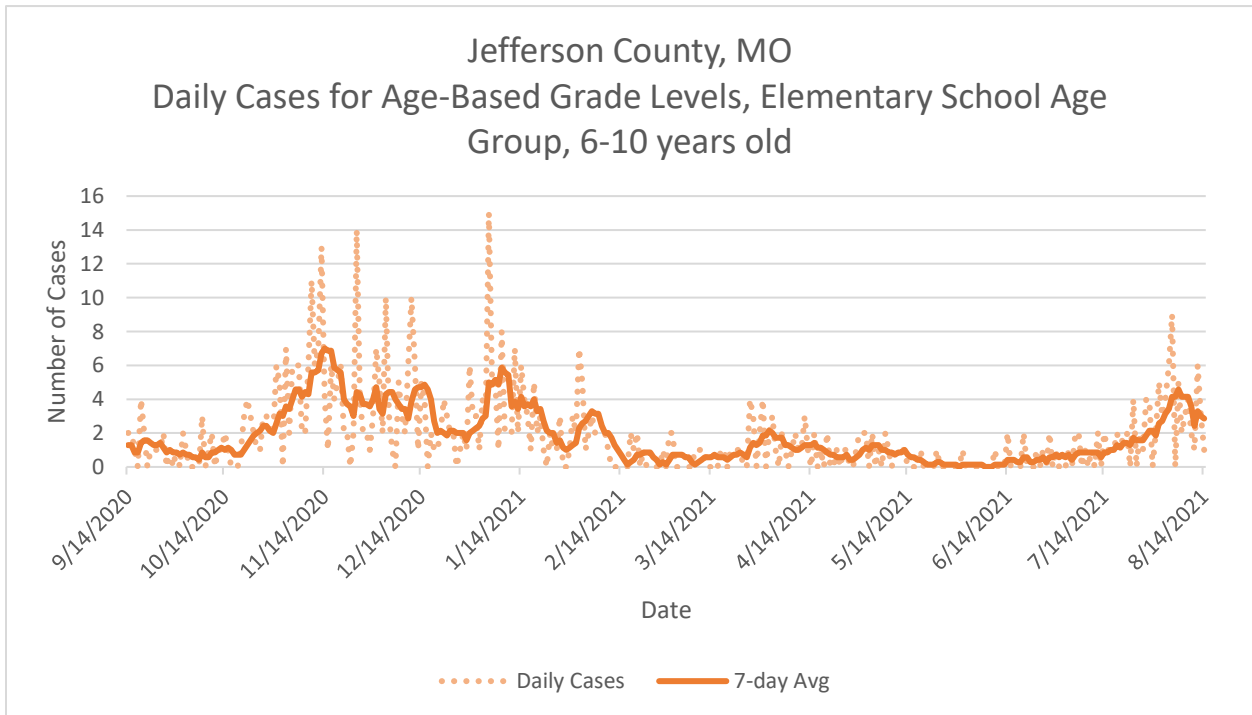


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

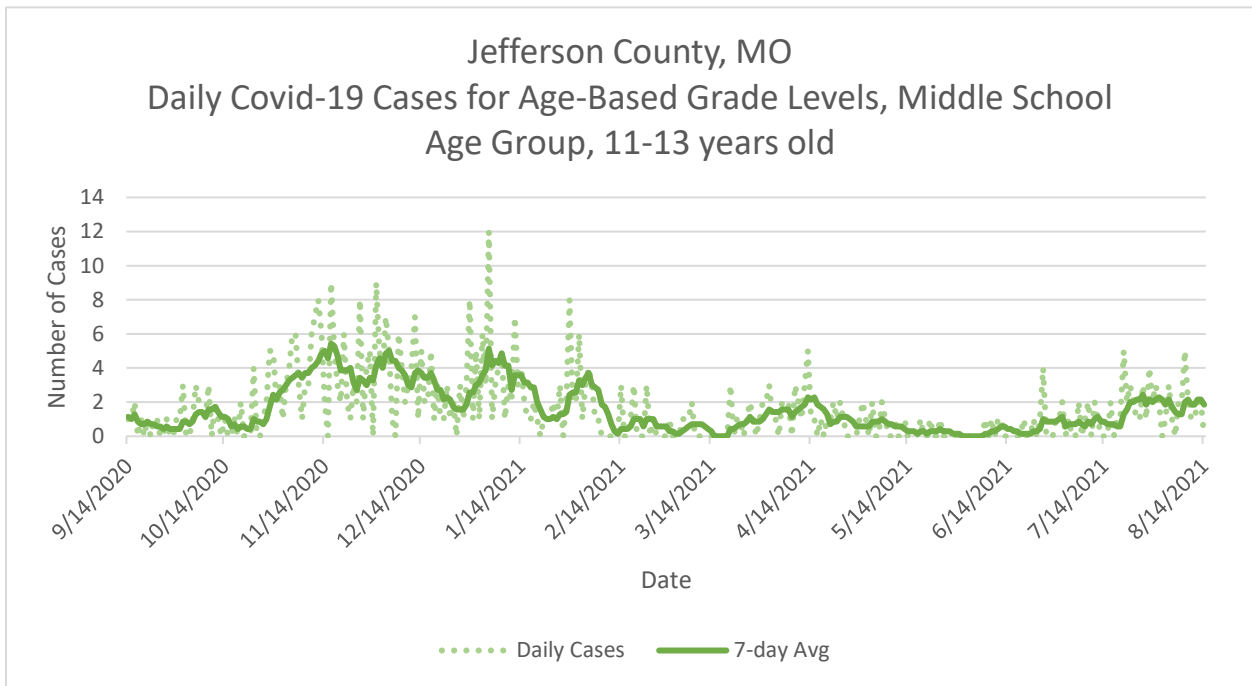


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

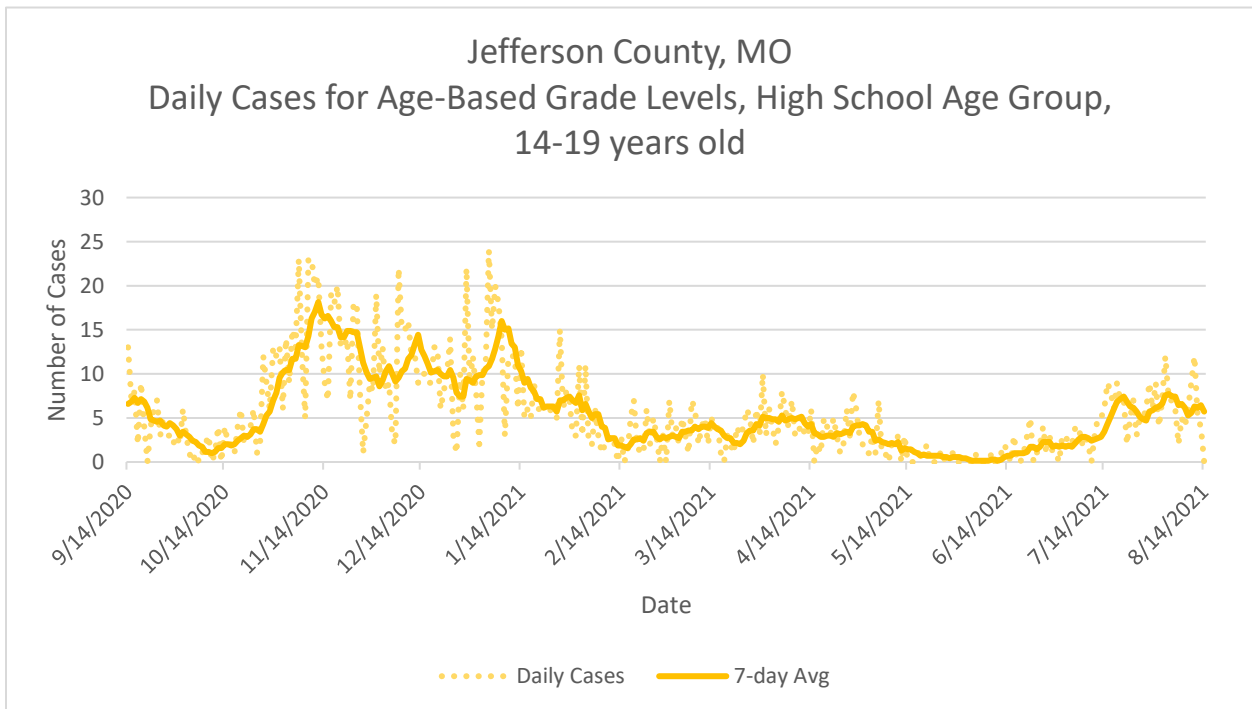
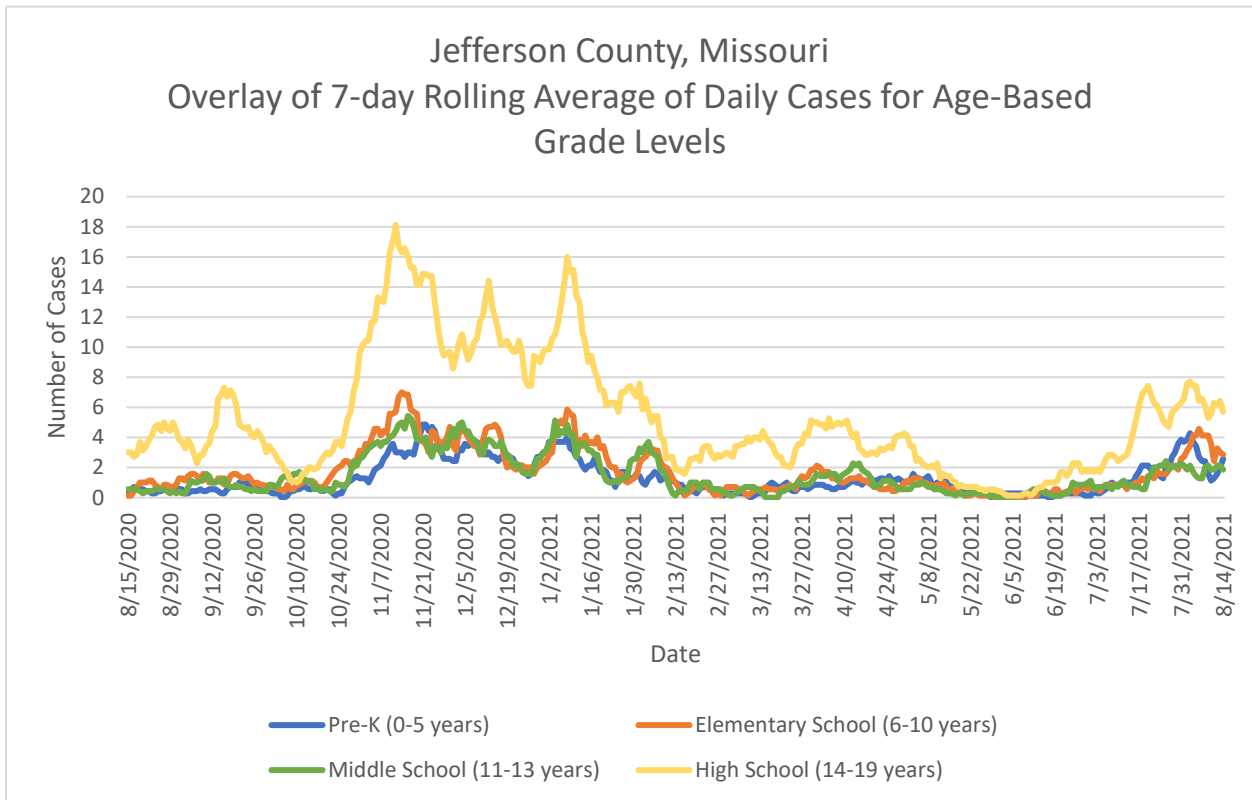


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri





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**Jefferson County, Missouri**  
**Weekly Total Covid-19 Surveillance Report**  
**Includes Community Based Cases and Long-Term Care Facility Cases**

**Week 32: August 8- August 14**

*All data are preliminary and may change as more reports are received.*

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**SUMMARY:**

- During Week 32 a total of 563 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 26480 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 32.
- Two hundred sixty-four Covid-19 associated deaths have been reported in Jefferson County as of Week 32.
- Twenty-six outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.<sup>1</sup>

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<sup>1</sup>Outbreaks are defined as a LTCF with one or more confirmed cases of Covid-19 in residents or staff.



## EPIDEMIOLOGIC DATA

Table 1. Number of Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

| CDC Week | CDC Week Start Date | Covid-19 Cases | Cumulative Covid-19 Case Total |
|----------|---------------------|----------------|--------------------------------|
| 45       | 11/1/2020           | 1200           | 7389                           |
| 46       | 11/8/2020           | 1539           | 8928                           |
| 47       | 11/15/2020          | 1481           | 10409                          |
| 48       | 11/22/2020          | 1139           | 11548                          |
| 49       | 11/29/2020          | 1246           | 12794                          |
| 50       | 12/6/2020           | 1094           | 13888                          |
| 51       | 12/13/2020          | 941            | 14829                          |
| 52       | 12/20/2020          | 716            | 15545                          |
| 53       | 12/27/2020          | 1065           | 16610                          |
| 1        | 1/3/2021            | 1227           | 17837                          |
| 2        | 1/10/2021           | 887            | 18724                          |
| 3        | 1/17/2021           | 631            | 19355                          |
| 4        | 1/24/2021           | 523            | 19878                          |
| 5        | 1/31/2021           | 377            | 20255                          |
| 6        | 2/7/2021            | 257            | 20512                          |
| 7        | 2/14/2021           | 211            | 20723                          |
| 8        | 2/21/2021           | 190            | 20913                          |
| 9        | 2/28/2021           | 171            | 21084                          |
| 10       | 3/7/2021            | 176            | 21260                          |
| 11       | 3/14/2021           | 210            | 21470                          |
| 12       | 3/21/2021           | 282            | 21752                          |
| 13       | 3/28/2021           | 315            | 22067                          |
| 14       | 4/4/2021            | 327            | 22394                          |
| 15       | 4/11/2021           | 270            | 22664                          |
| 16       | 4/18/2021           | 204            | 22868                          |
| 17       | 4/25/2021           | 184            | 23052                          |
| 18       | 5/2/2021            | 142            | 23194                          |
| 19       | 5/9/2021            | 114            | 23308                          |
| 20       | 5/16/2021           | 76             | 23384                          |
| 21       | 5/23/2021           | 62             | 23446                          |
| 22       | 5/30/2021           | 59             | 23505                          |
| 23       | 6/6/2021            | 59             | 23564                          |
| 24       | 6/13/2021           | 74             | 23638                          |
| 25       | 6/20/2021           | 88             | 23726                          |
| 26       | 6/27/2021           | 145            | 23871                          |
| 27       | 7/4/2021            | 183            | 24054                          |
| 28       | 7/11/2021           | 298            | 24352                          |
| 29       | 7/18/2021           | 405            | 24757                          |
| 30       | 7/25/2021           | 562            | 25319                          |
| 31       | 8/1/2021            | 598            | 25917                          |
| 32       | 8/8/2021            | 563            | 26480                          |

Figure 1. Number of Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

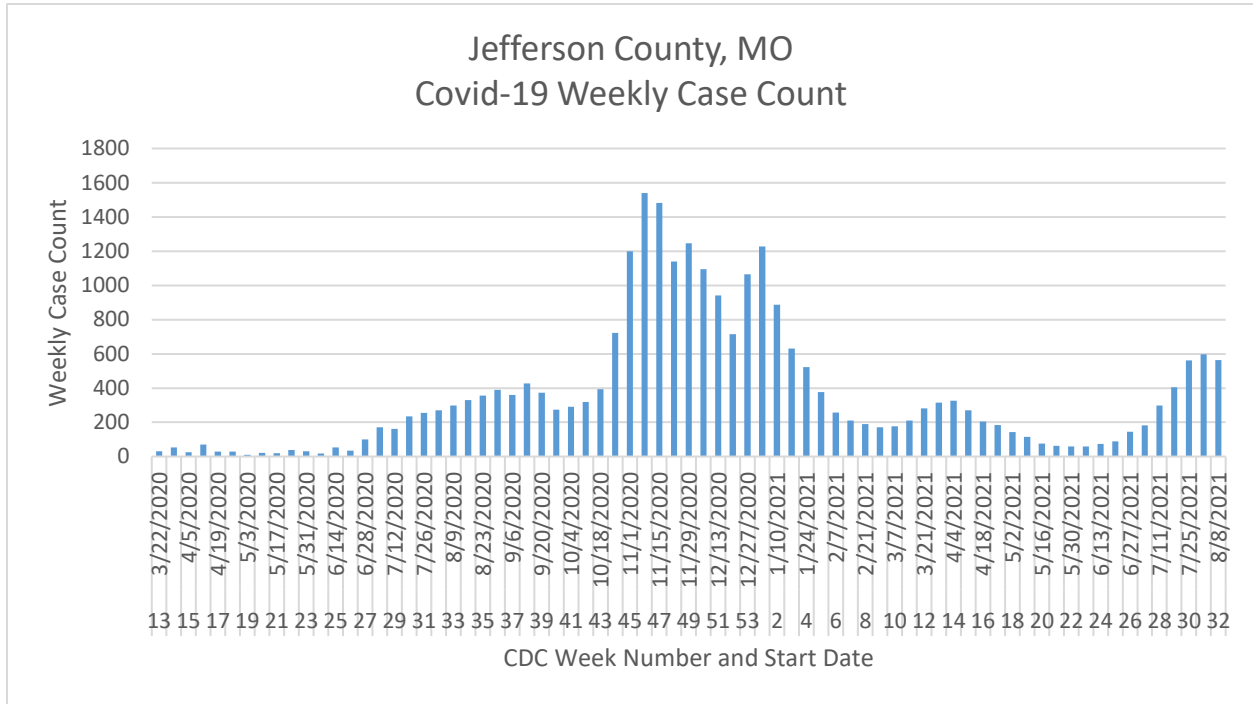


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

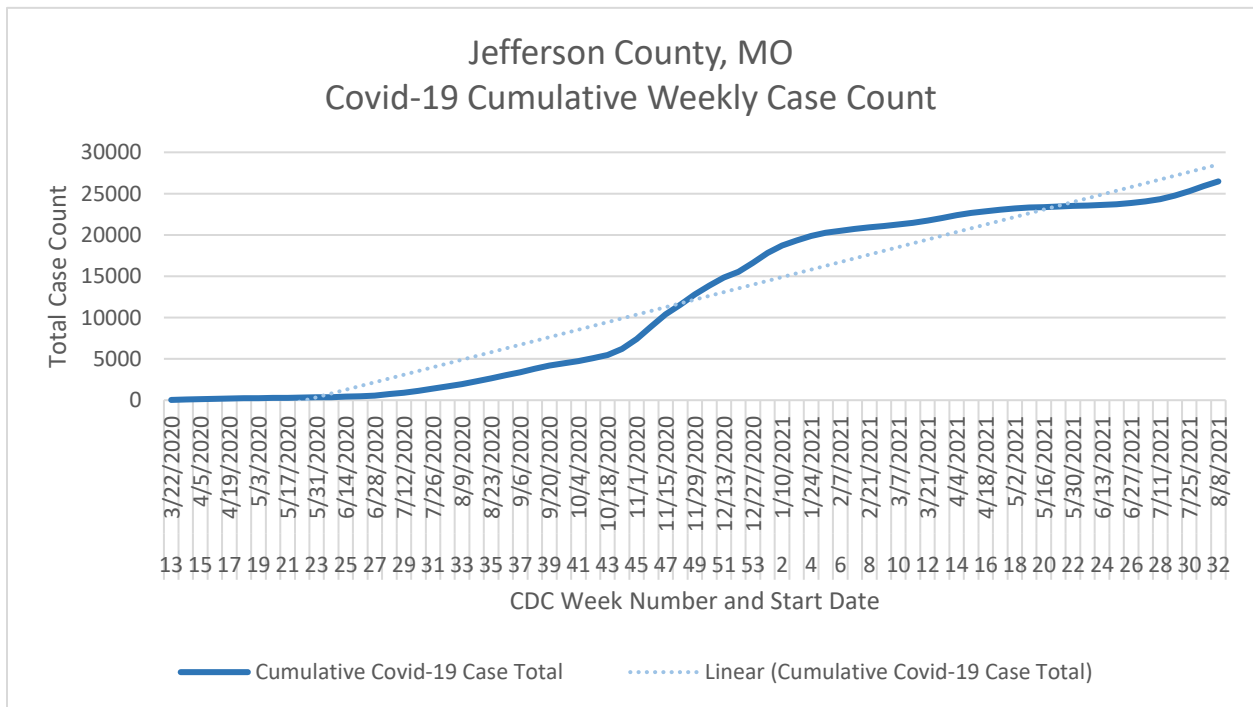


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

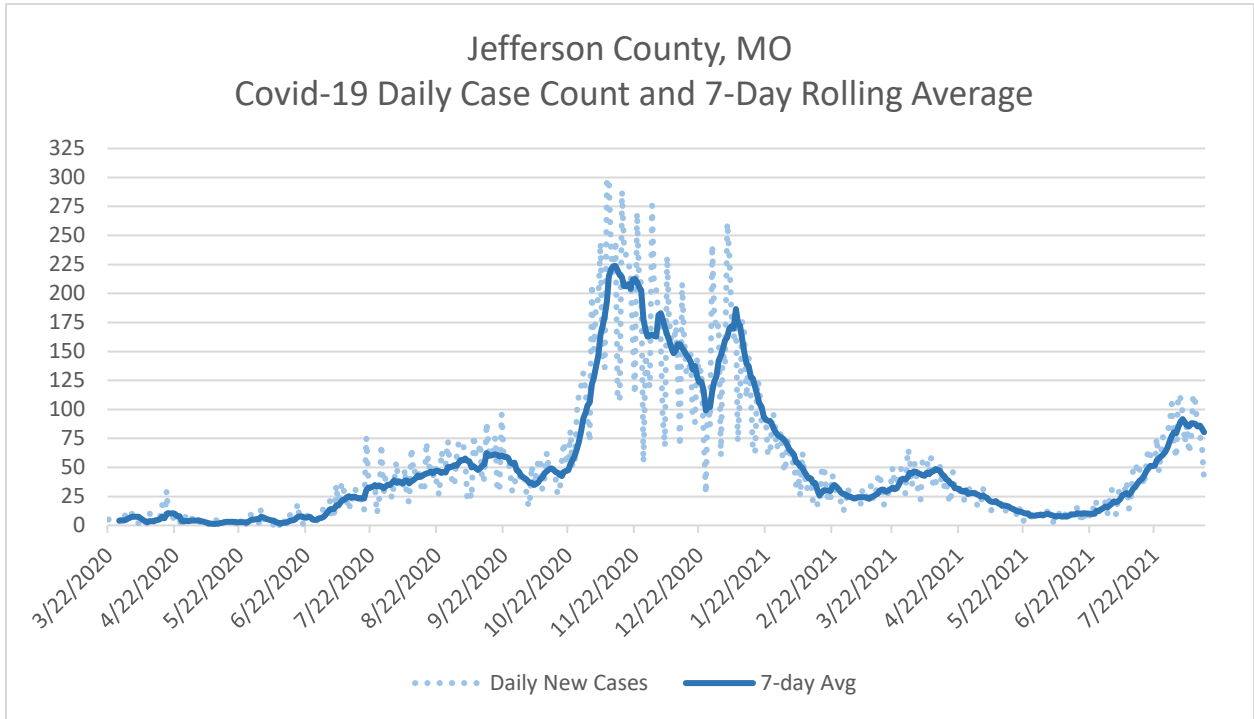


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

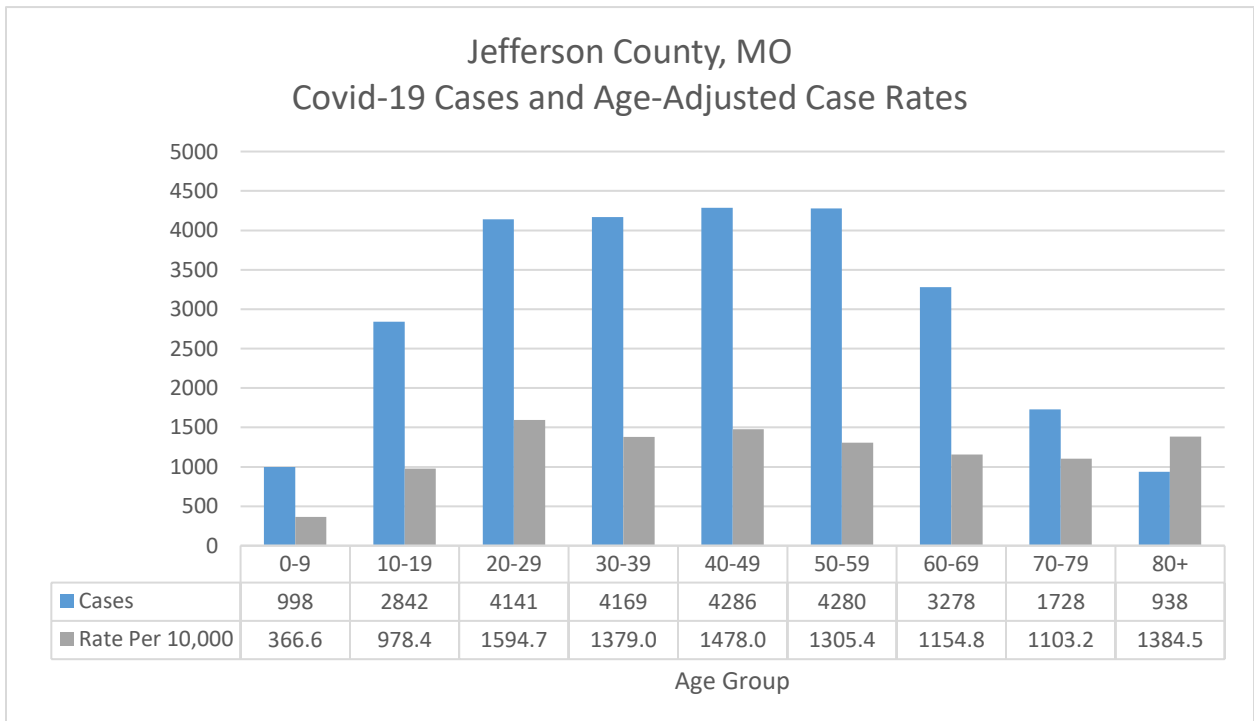


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

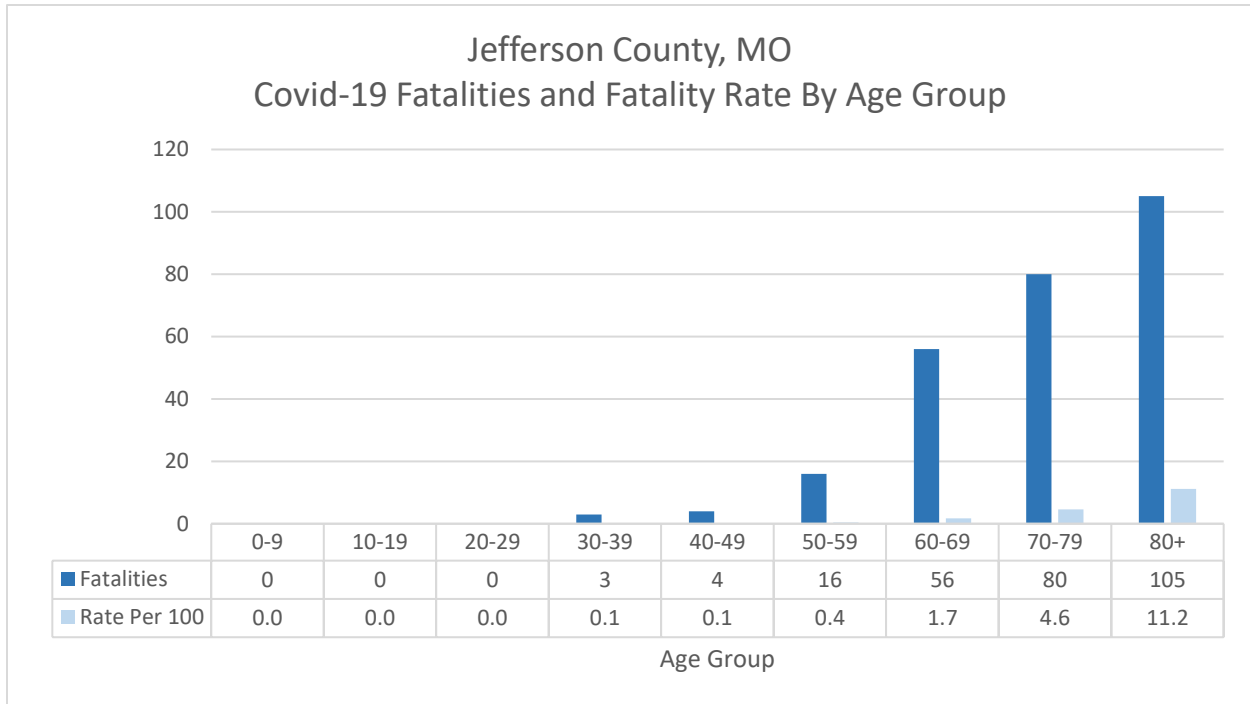


Table 2. Approximate Covid-19 Cumulative Fatality Rates

|                  |       |
|------------------|-------|
| Jefferson County | 0.99% |
| Missouri         | 1.40% |
| US               | 1.69% |

Figure 6. Covid-19 Cases by Sex, Jefferson County, Missouri

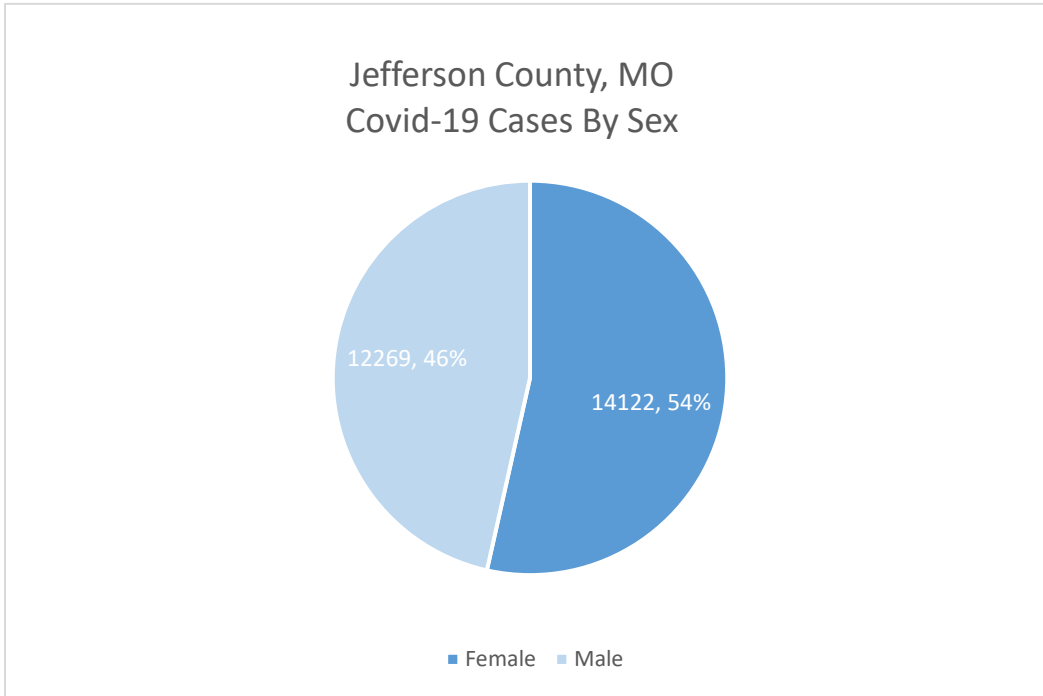


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

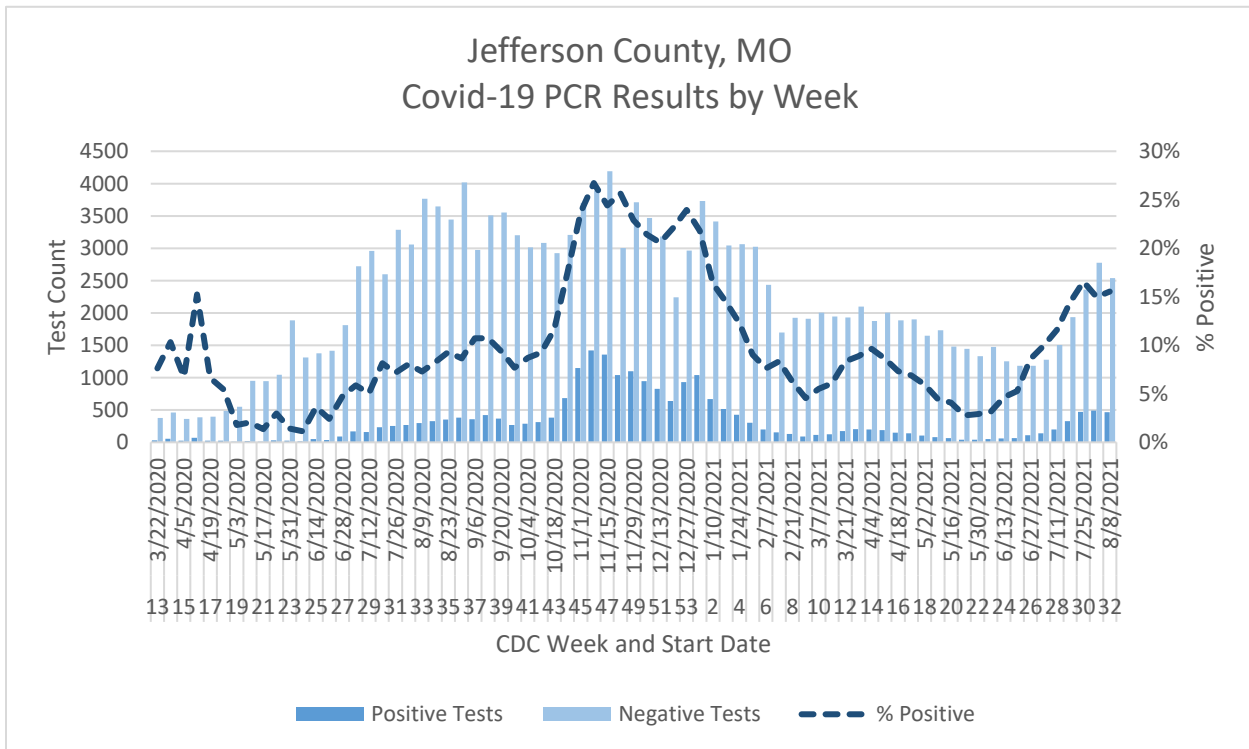


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

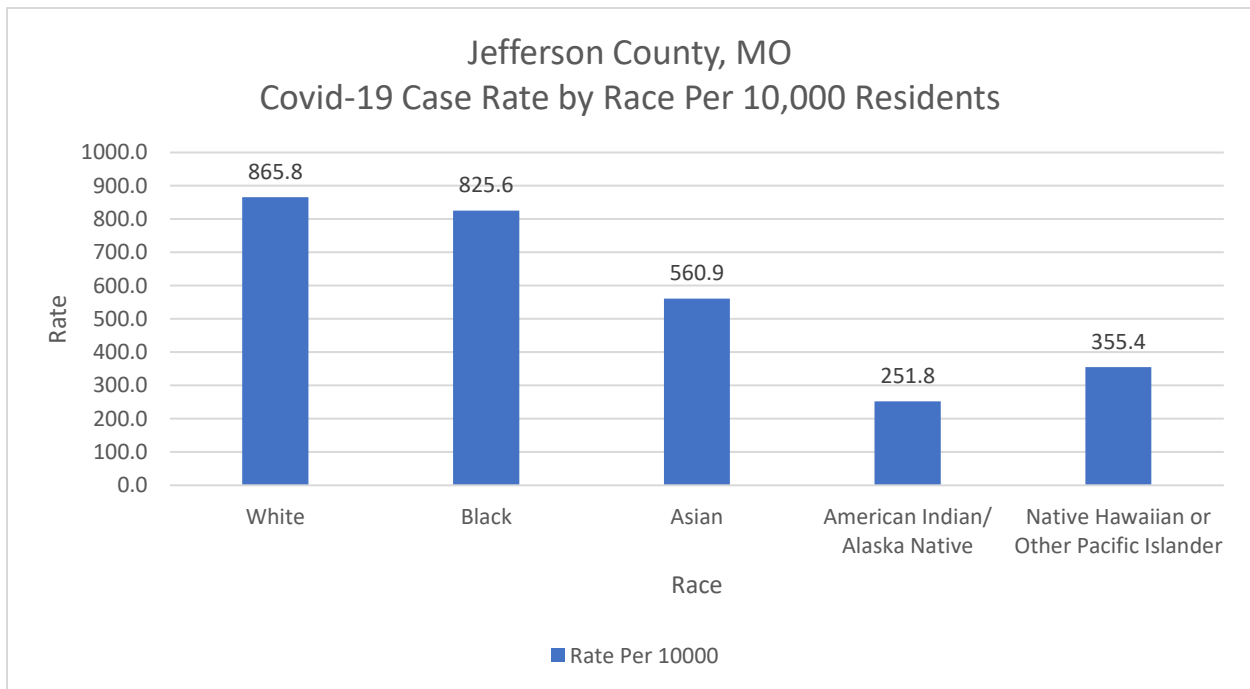
| CDC Week | CDC Week Start Date | Positive Tests | Negative Tests | Total Tests | % Positive |
|----------|---------------------|----------------|----------------|-------------|------------|
| 43       | 10/18/2020          | 384            | 2926           | 3310        | 11.6%      |
| 44       | 10/25/2020          | 683            | 3206           | 3889        | 17.6%      |
| 45       | 11/1/2020           | 1151           | 3701           | 4852        | 23.7%      |
| 46       | 11/8/2020           | 1421           | 3896           | 5317        | 26.7%      |
| 47       | 11/15/2020          | 1355           | 4193           | 5548        | 24.4%      |
| 48       | 11/22/2020          | 1038           | 3005           | 4043        | 25.7%      |
| 49       | 11/29/2020          | 1101           | 3711           | 4812        | 22.9%      |
| 50       | 12/6/2020           | 945            | 3468           | 4413        | 21.4%      |
| 51       | 12/13/2020          | 825            | 3184           | 4009        | 20.6%      |
| 52       | 12/20/2020          | 637            | 2244           | 2881        | 22.1%      |
| 53       | 12/27/2020          | 933            | 2964           | 3897        | 23.9%      |
| 1        | 1/3/2021            | 1041           | 3731           | 4772        | 21.8%      |
| 2        | 1/10/2021           | 668            | 3415           | 4083        | 16.4%      |
| 3        | 1/17/2021           | 513            | 3043           | 3556        | 14.4%      |
| 4        | 1/24/2021           | 428            | 3063           | 3491        | 12.3%      |
| 5        | 1/31/2021           | 301            | 3025           | 3326        | 9.0%       |
| 6        | 2/7/2021            | 201            | 2434           | 2635        | 7.6%       |
| 7        | 2/14/2021           | 155            | 1700           | 1855        | 8.4%       |
| 8        | 2/21/2021           | 129            | 1924           | 2053        | 6.3%       |
| 9        | 2/28/2021           | 91             | 1910           | 2001        | 4.5%       |
| 10       | 3/7/2021            | 117            | 2006           | 2123        | 5.5%       |
| 11       | 3/14/2021           | 126            | 1946           | 2072        | 6.1%       |
| 12       | 3/21/2021           | 176            | 1932           | 2108        | 8.3%       |
| 13       | 3/28/2021           | 204            | 2097           | 2301        | 8.9%       |
| 14       | 4/4/2021            | 200            | 1877           | 2077        | 9.6%       |
| 15       | 4/11/2021           | 189            | 2007           | 2196        | 8.6%       |
| 16       | 4/18/2021           | 149            | 1885           | 2034        | 7.3%       |
| 17       | 4/25/2021           | 141            | 1899           | 2040        | 6.9%       |
| 18       | 5/2/2021            | 104            | 1648           | 1752        | 5.9%       |
| 19       | 5/9/2021            | 81             | 1733           | 1814        | 4.5%       |
| 20       | 5/16/2021           | 63             | 1480           | 1543        | 4.1%       |
| 21       | 5/23/2021           | 41             | 1444           | 1485        | 2.8%       |
| 22       | 5/30/2021           | 40             | 1333           | 1373        | 2.9%       |
| 23       | 6/6/2021            | 48             | 1477           | 1525        | 3.1%       |
| 24       | 6/13/2021           | 61             | 1251           | 1312        | 4.6%       |
| 25       | 6/20/2021           | 66             | 1181           | 1247        | 5.3%       |
| 26       | 6/27/2021           | 111            | 1184           | 1295        | 8.6%       |
| 27       | 7/4/2021            | 141            | 1275           | 1416        | 10.0%      |
| 28       | 7/11/2021           | 197            | 1504           | 1701        | 11.6%      |
| 29       | 7/18/2021           | 326            | 1934           | 2260        | 14.4%      |
| 30       | 7/25/2021           | 469            | 2361           | 2830        | 16.6%      |
| 31       | 8/1/2021            | 489            | 2778           | 3267        | 15.0%      |
| 32       | 8/8/2021            | 467            | 2538           | 3005        | 15.5%      |

Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County, Missouri\*

| Race   | Cases | Rate Per 10000 |
|--|-------|----------------|
| White  | 18727 | 865.8          |
| Black  | 223   | 825.6          |
| Asian  | 101   | 560.9          |
| American Indian/<br>Alaska Native            | 17    | 251.8          |
| Native Hawaiian or<br>Other Pacific Islander | 8     | 355.4          |
| Unknown                                      | 3405  | N/A            |

\*Rates calculated using data from the United States Census Bureau for Jefferson County, Missouri (2019)

Figure 8. Covid-19 Case Rate by Race Per 10,000 Residents, Jefferson County, Missouri\*



\*Case Rates calculated excluding unknown and missing race data.

Figure 9. Covid-19 Cases by Zip Code, Jefferson County, Missouri

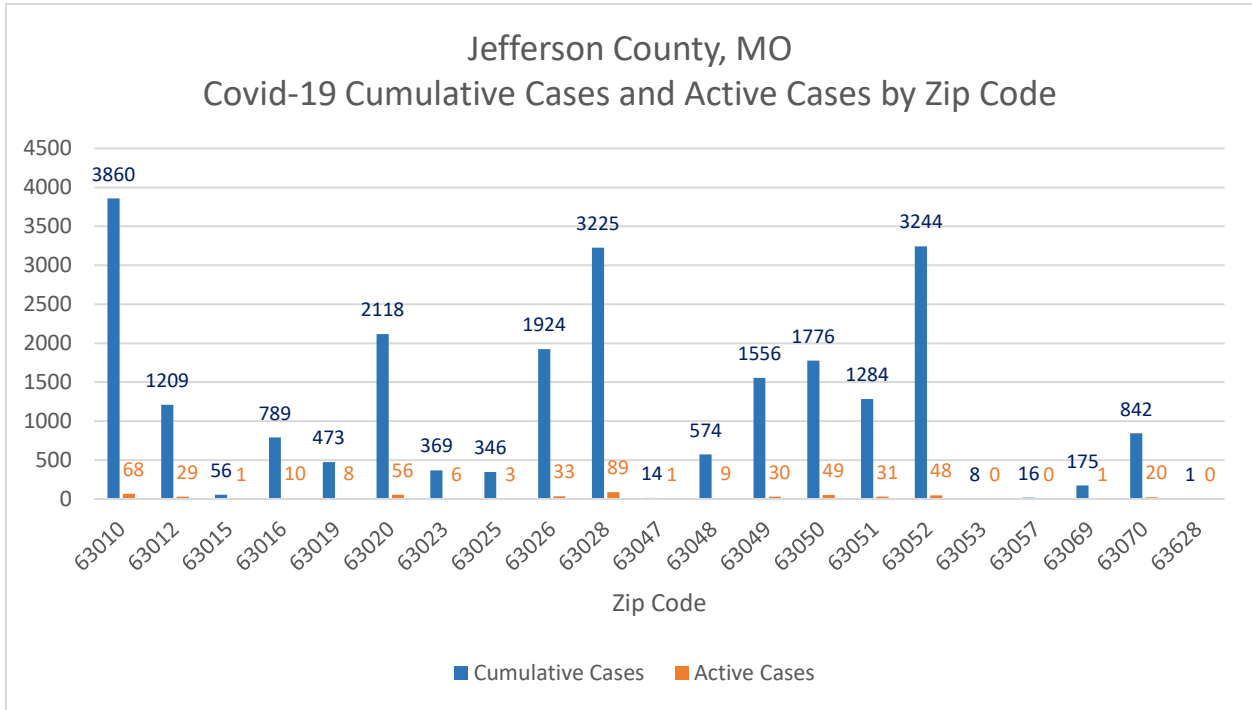


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri

