



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

## **Jefferson County, Missouri** **Weekly Covid-19 Surveillance Report**

**Week 29: July 12- July 18**

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

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### **SUMMARY:**

- During Week 29 a total of 172 confirmed and probable Covid-19 cases were reported in Jefferson County. A year-to-date total of 902 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 29.
- Twenty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 29.
- Eight 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
12	3/15/2020	0	0
13	3/22/2020	22	22
14	3/29/2020	52	74
15	4/5/2020	49	123
16	4/12/2020	57	180
17	4/19/2020	73	253
18	4/26/2020	28	281
19	5/3/2020	24	305
20	5/10/2020	22	327
21	5/17/2020	14	341
22	5/24/2020	16	357
23	5/31/2020	56	414
24	6/7/2020	14	427
25	6/14/2020	32	459
26	6/21/2020	62	521
27	6/28/2020	40	561
28	7/5/2020	169	730
29	7/12/2020	172	902

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

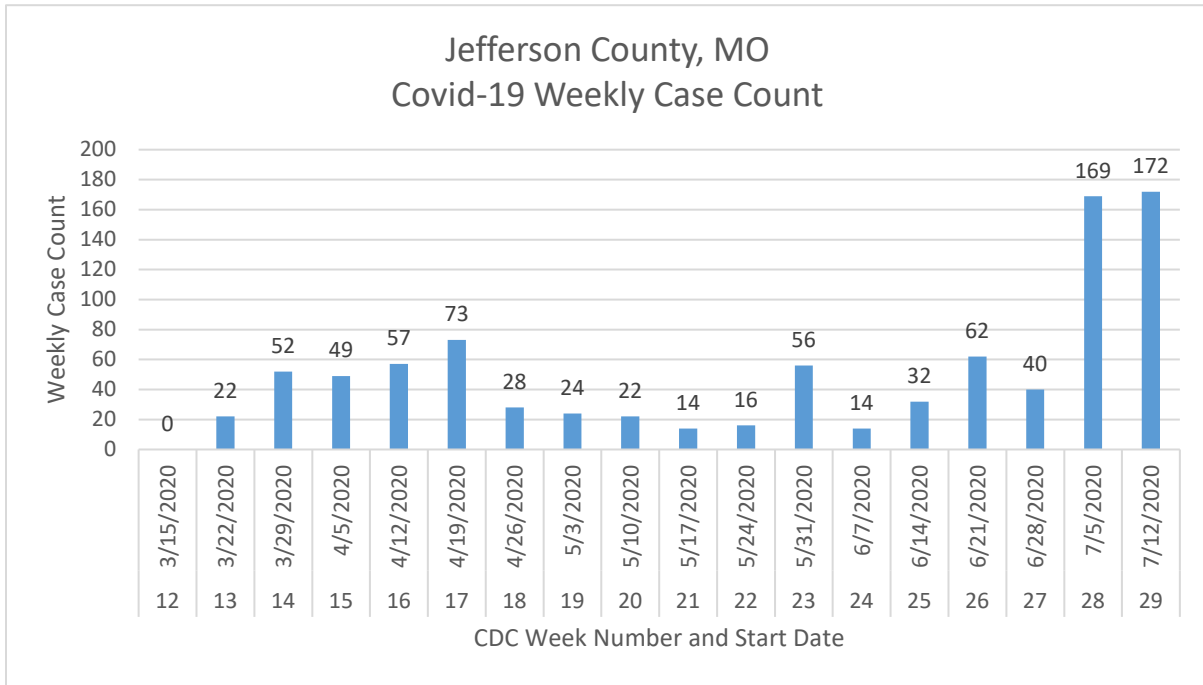


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

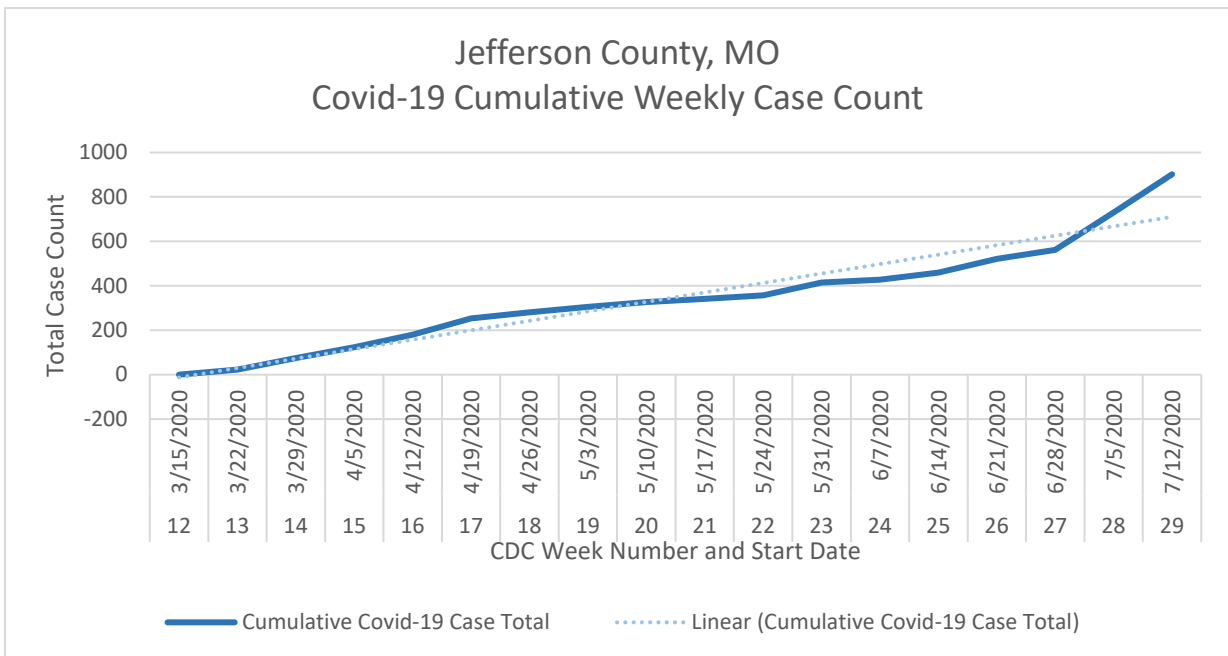


Figure 3. Covid-19 Daily Case Count and 3-Day Average, Jefferson County, Missouri

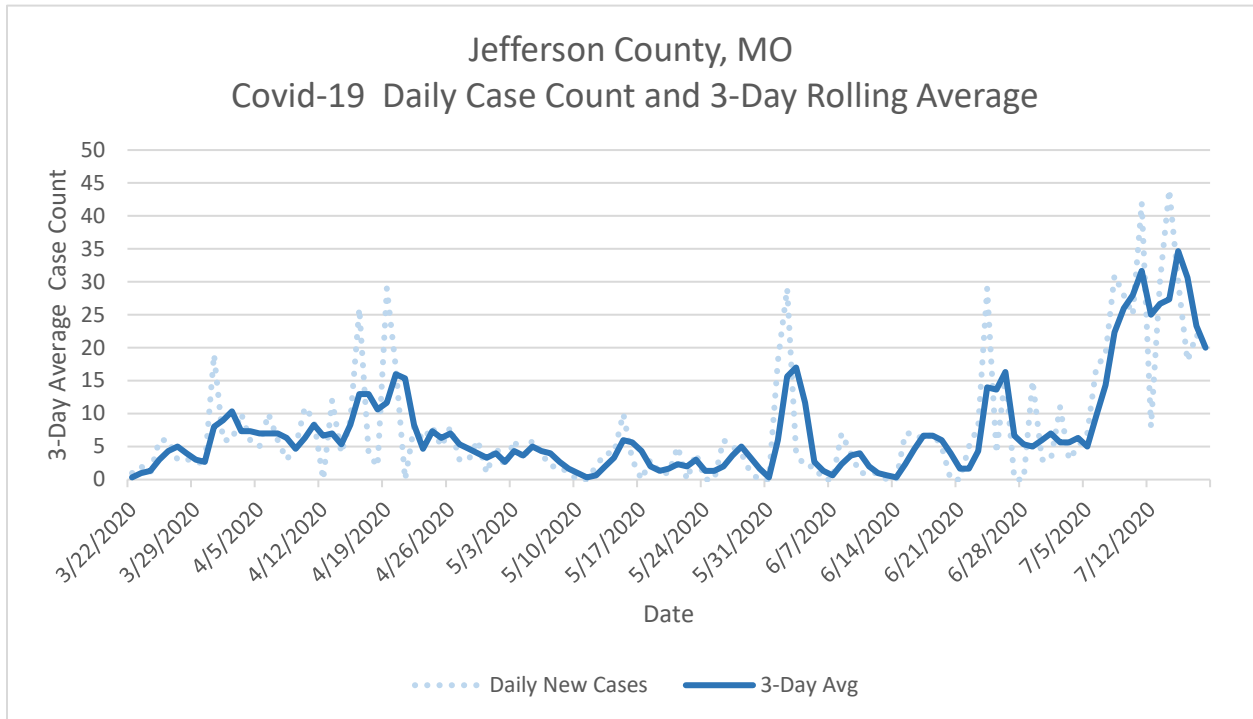


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

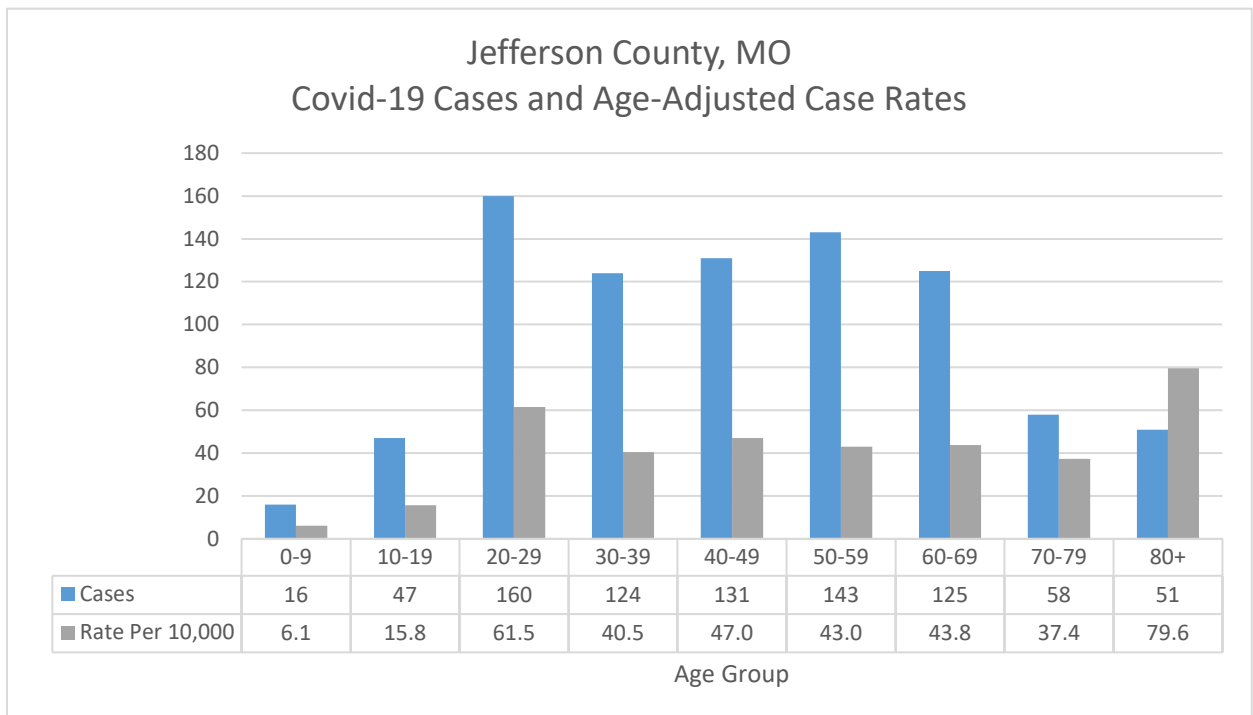


Figure 5. Covid-19 Hospitalizations and Hospitalization Rates by Age Group, Jefferson County, Missouri

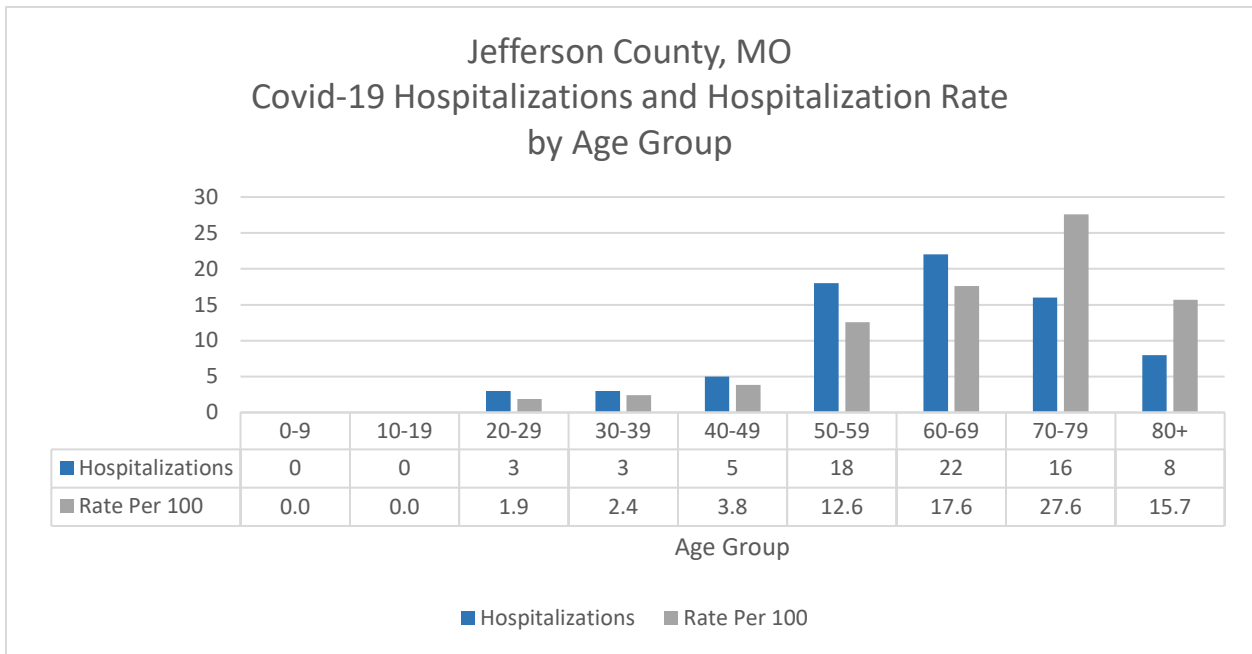


Figure 6. Covid-19 Positive Hospital Admissions and 7-Day Average, Jefferson County, Missouri

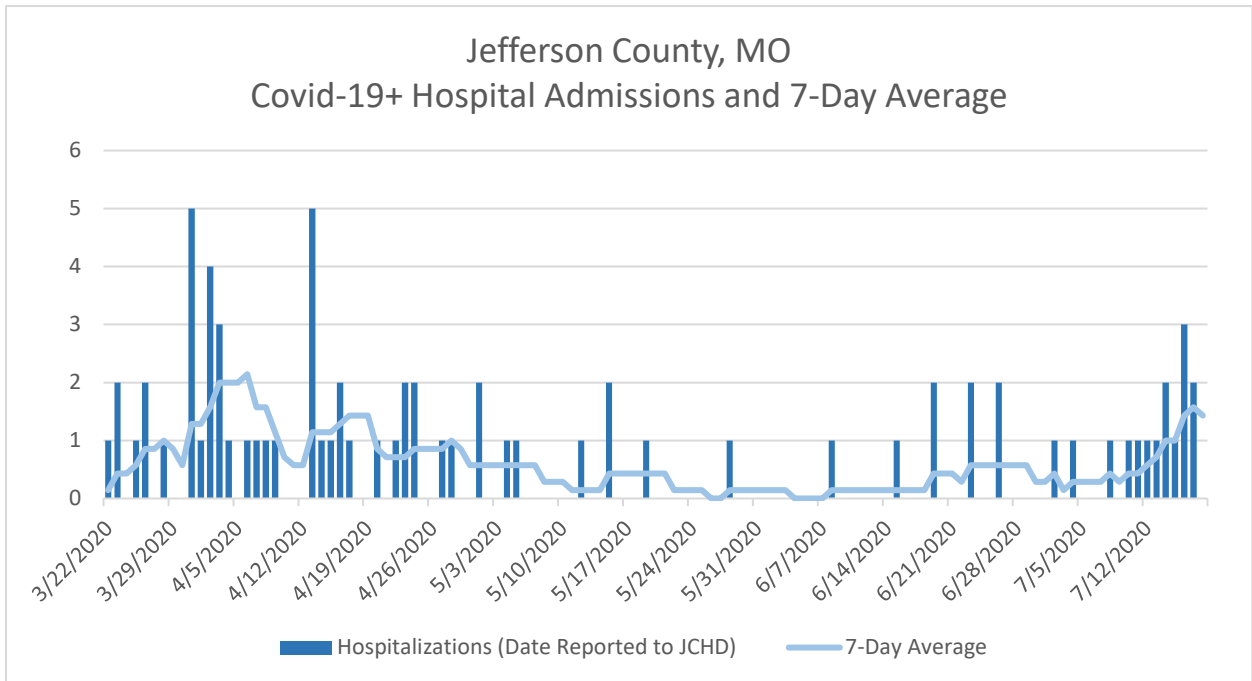


Figure 7. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

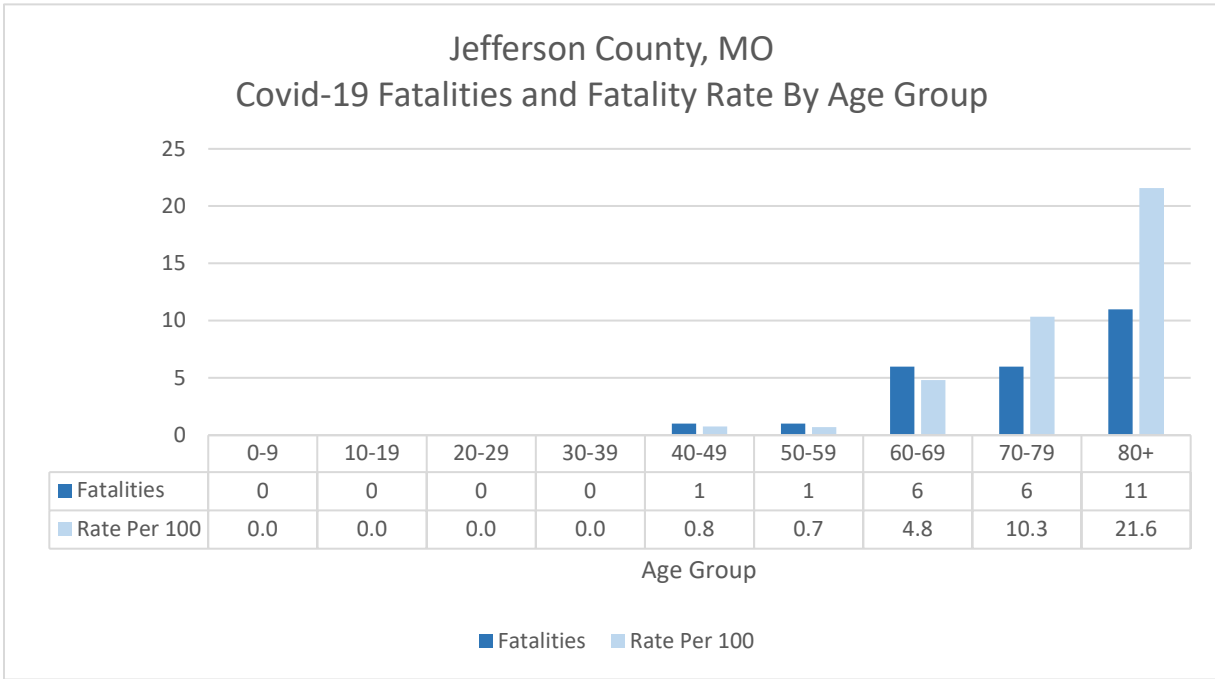


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	2.77%
Missouri	3.41%
US	3.78%

Figure 8. Covid-19 Cases by Sex, Jefferson County, Missouri

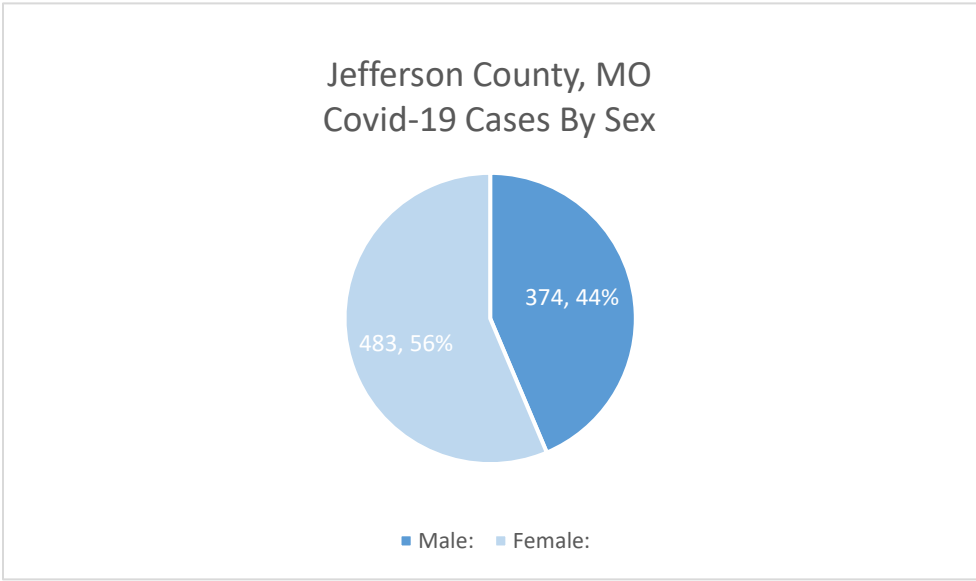


Figure 9. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

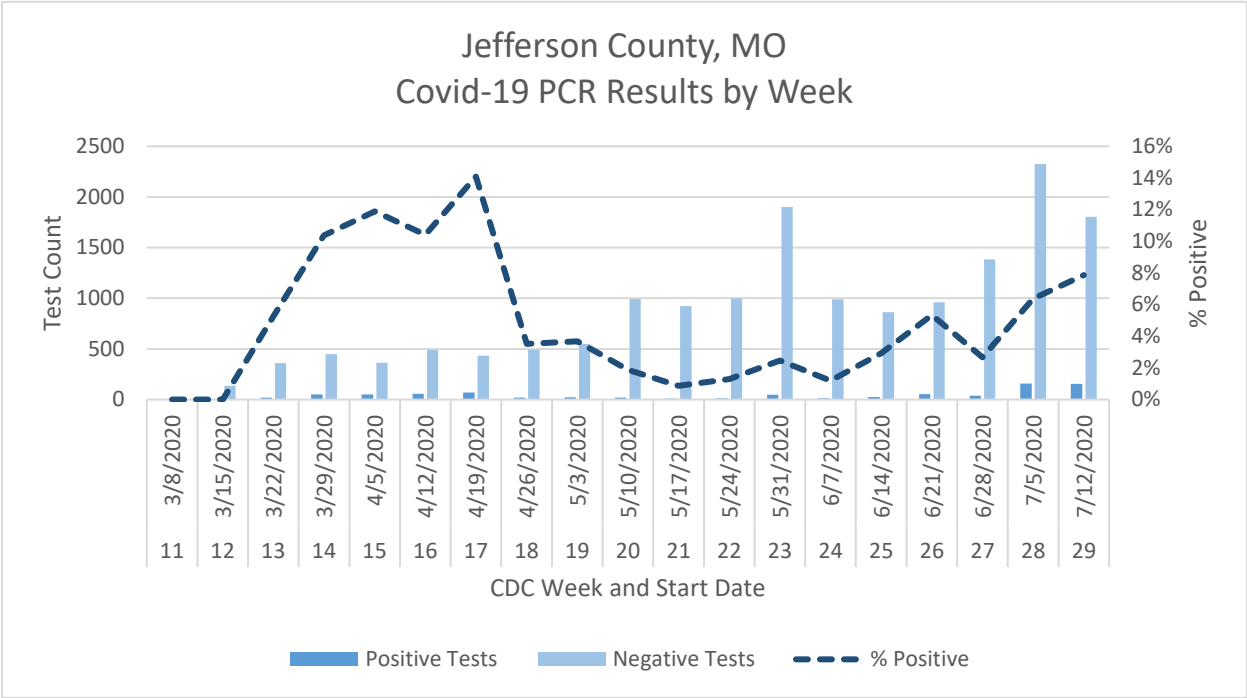


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
11	3/8/2020	0	7	7	0.0%
12	3/15/2020	0	137	137	0.0%
13	3/22/2020	20	361	381	5.2%
14	3/29/2020	52	449	501	10.4%
15	4/5/2020	49	363	412	11.9%
16	4/12/2020	57	490	547	10.4%
17	4/19/2020	71	433	504	14.1%
18	4/26/2020	18	493	511	3.5%
19	5/3/2020	21	549	570	3.7%
20	5/10/2020	19	991	1010	1.9%
21	5/17/2020	8	922	930	0.9%
22	5/24/2020	13	997	1010	1.3%
23	5/31/2020	48	1902	1950	2.5%
24	6/7/2020	12	989	1001	1.2%
25	6/14/2020	26	862	888	2.9%
26	6/21/2020	54	959	1013	5.3%
27	6/28/2020	38	1385	1423	2.7%
28	7/5/2020	158	2324	2482	6.4%
29	7/12/2020	154	1805	1959	7.9%

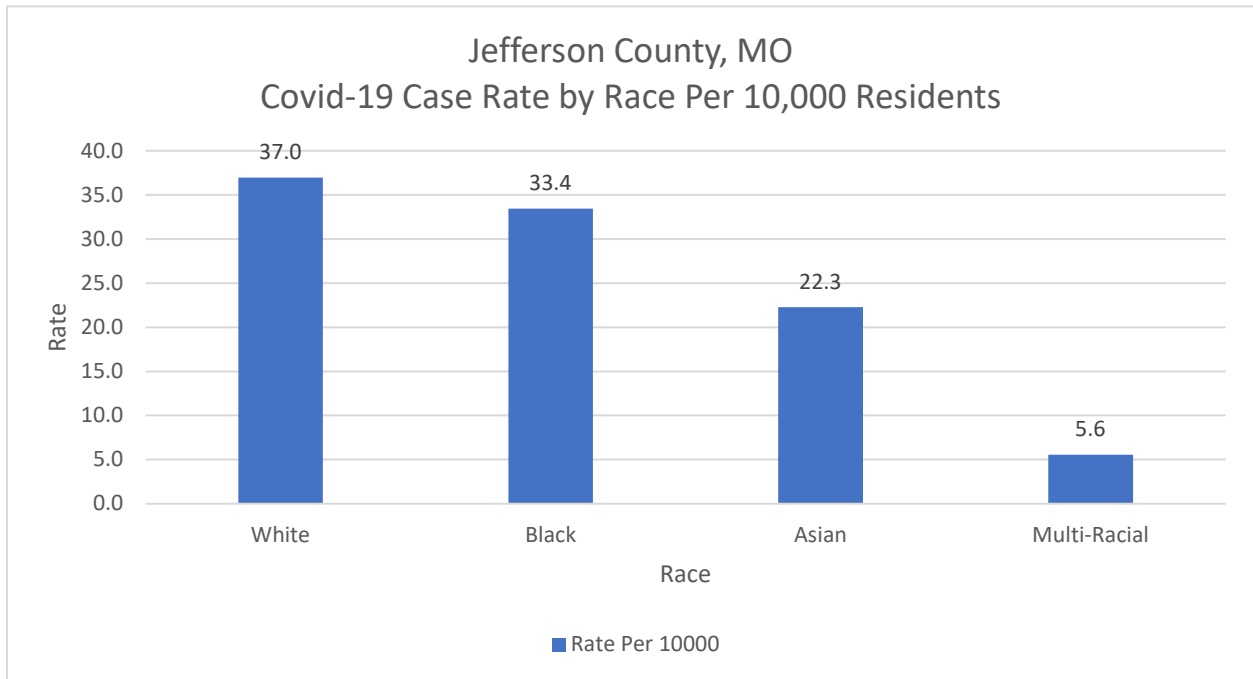


Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County, Missouri\*

Race	Cases	Rate Per 10000
White	797	37.0
Black	9	33.4
Asian	4	22.3
Multi-Racial	2	5.6
Other	4	59.4
Unknown	15	n/a

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

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



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

Figure 11. Covid-19 Cases by Zip Code, Jefferson County, Missouri

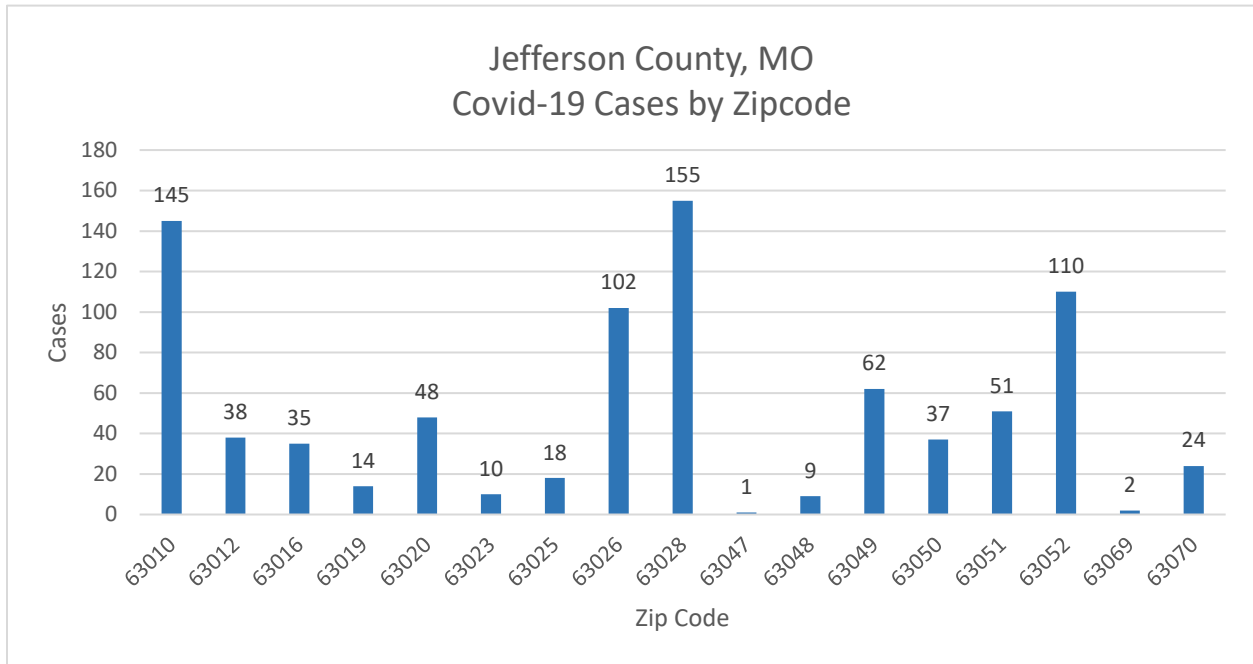


Figure 12. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri

