



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

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

Week 31: July 26- August 1

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

SUMMARY:

- During Week 31 a total of 313 confirmed and probable Covid-19 cases were reported in Jefferson County. A year-to-date total of 1462 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 31.
- Twenty-five Covid-19 associated deaths have been reported in Jefferson County as of Week 31.
- Twelve outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.¹

¹ 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	23	328
21	5/17/2020	14	342
22	5/24/2020	16	358
23	5/31/2020	55	413
24	6/7/2020	13	426
25	6/14/2020	32	458
26	6/21/2020	62	520
27	6/28/2020	40	560
28	7/5/2020	163	723
29	7/12/2020	171	894
30	7/19/2020	255	1149
31	7/26/2020	313	1462

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

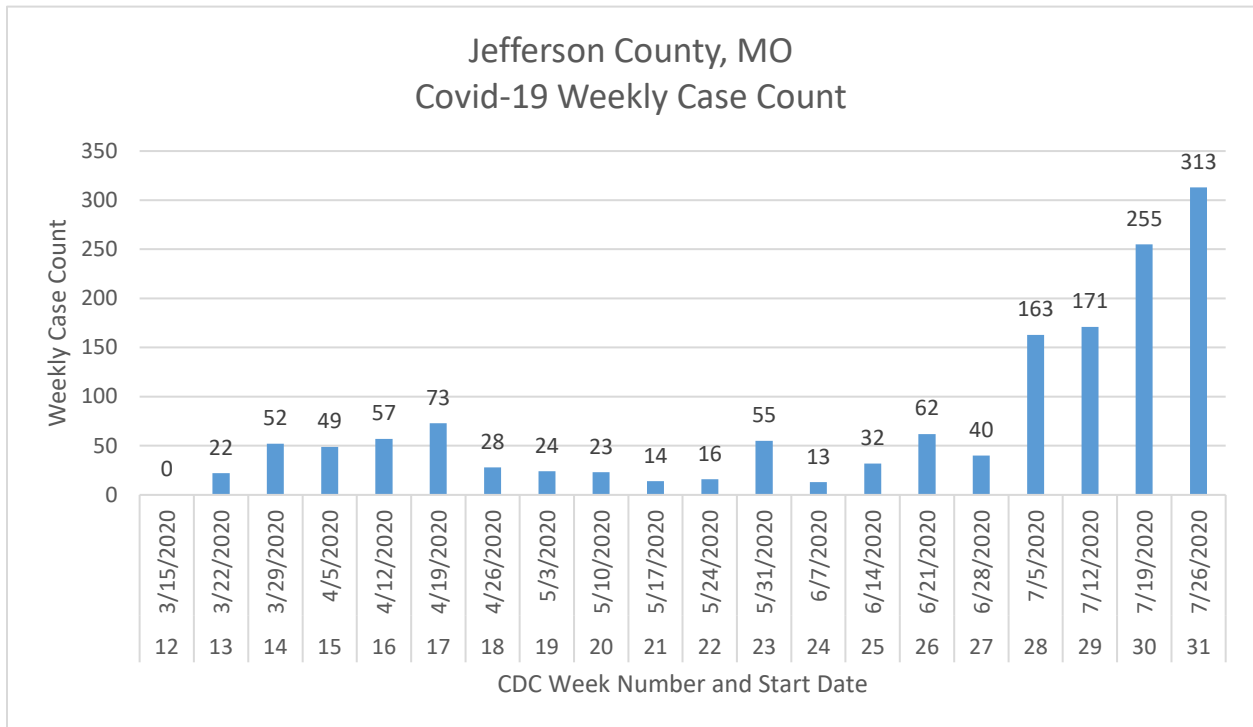


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

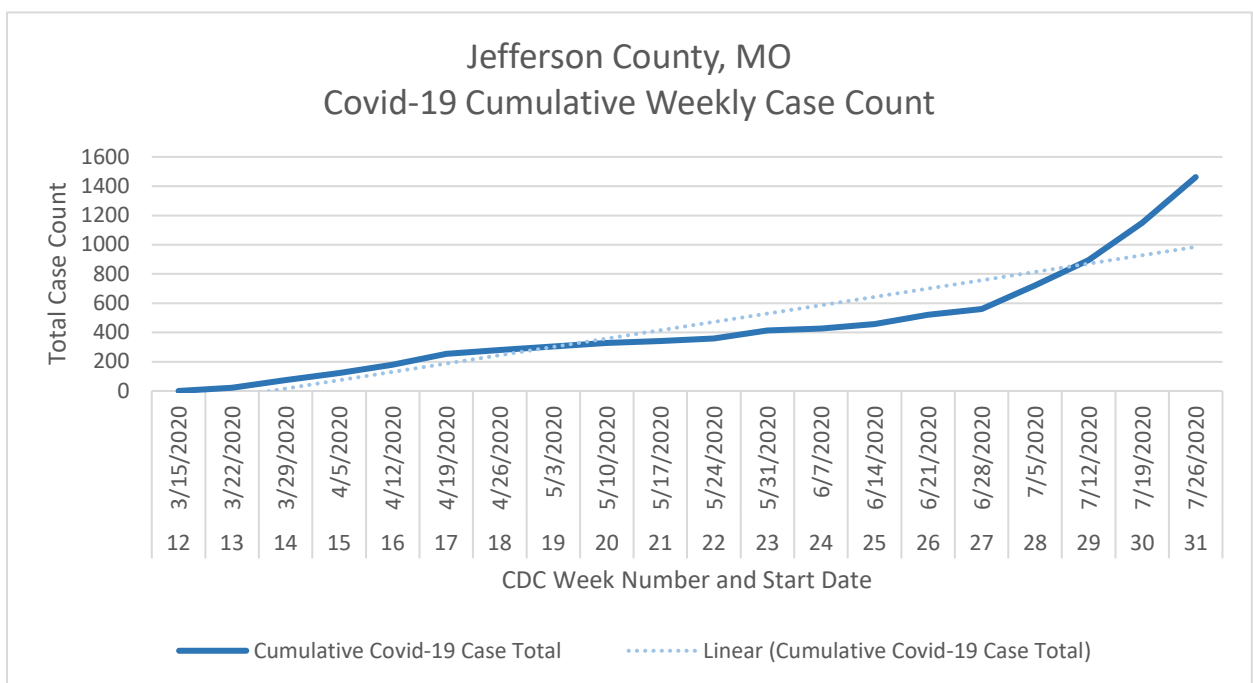


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

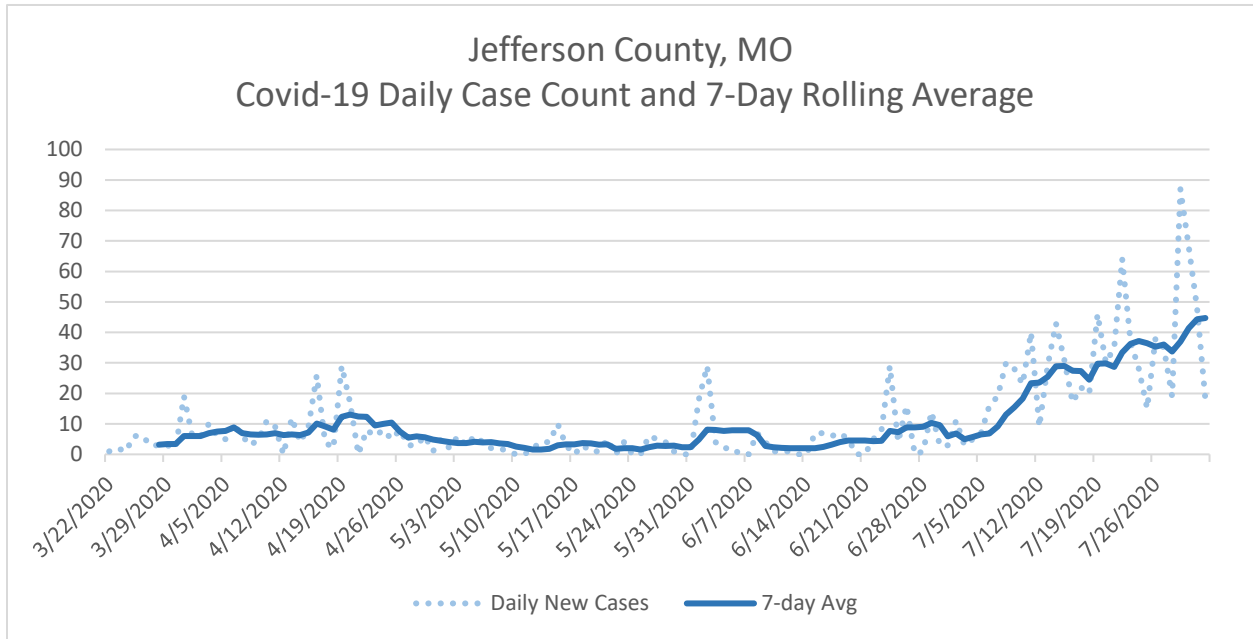


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

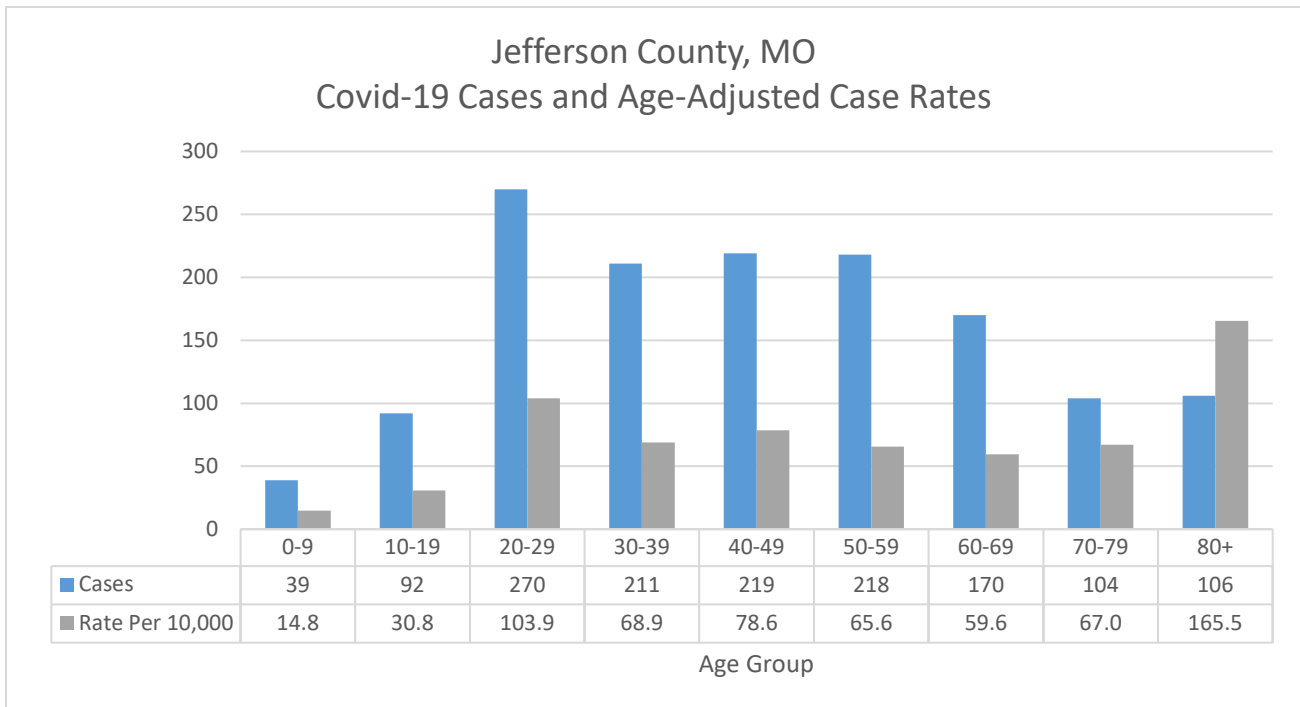


Figure 5. Covid-19 Hospitalizations and Hospitalization Rates by Age Group, Jefferson County, Missouri

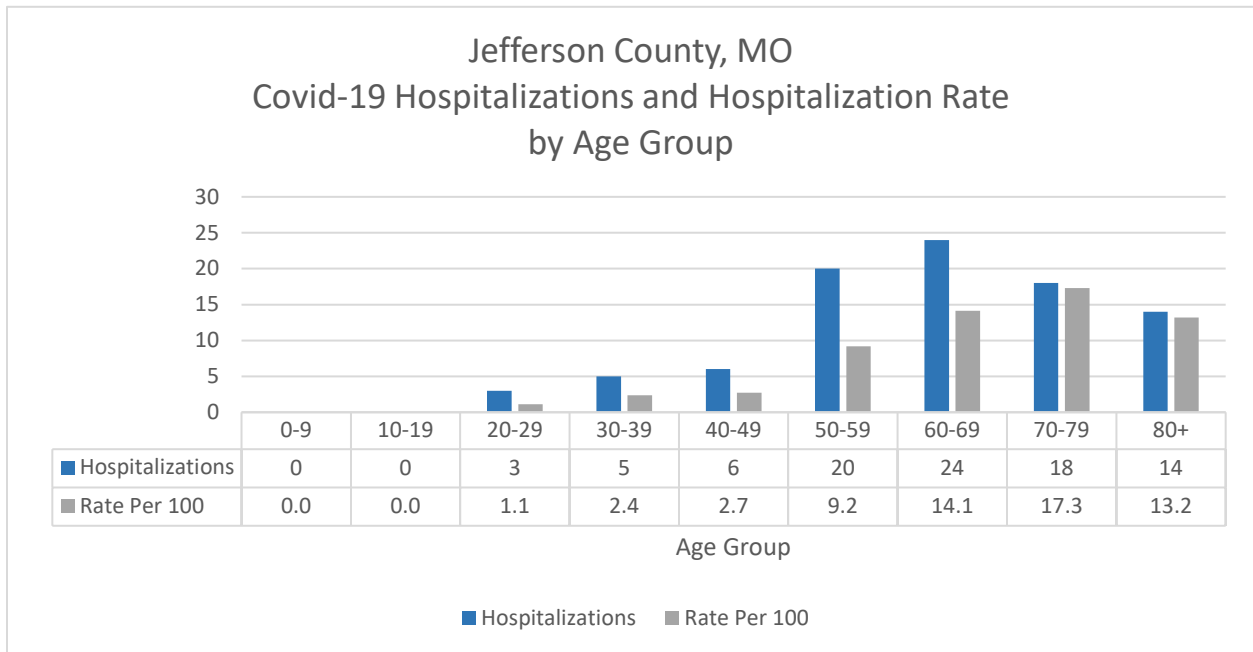


Figure 6. Covid-19 Positive Hospital Admissions and 7-Day Average, Jefferson County, Missouri

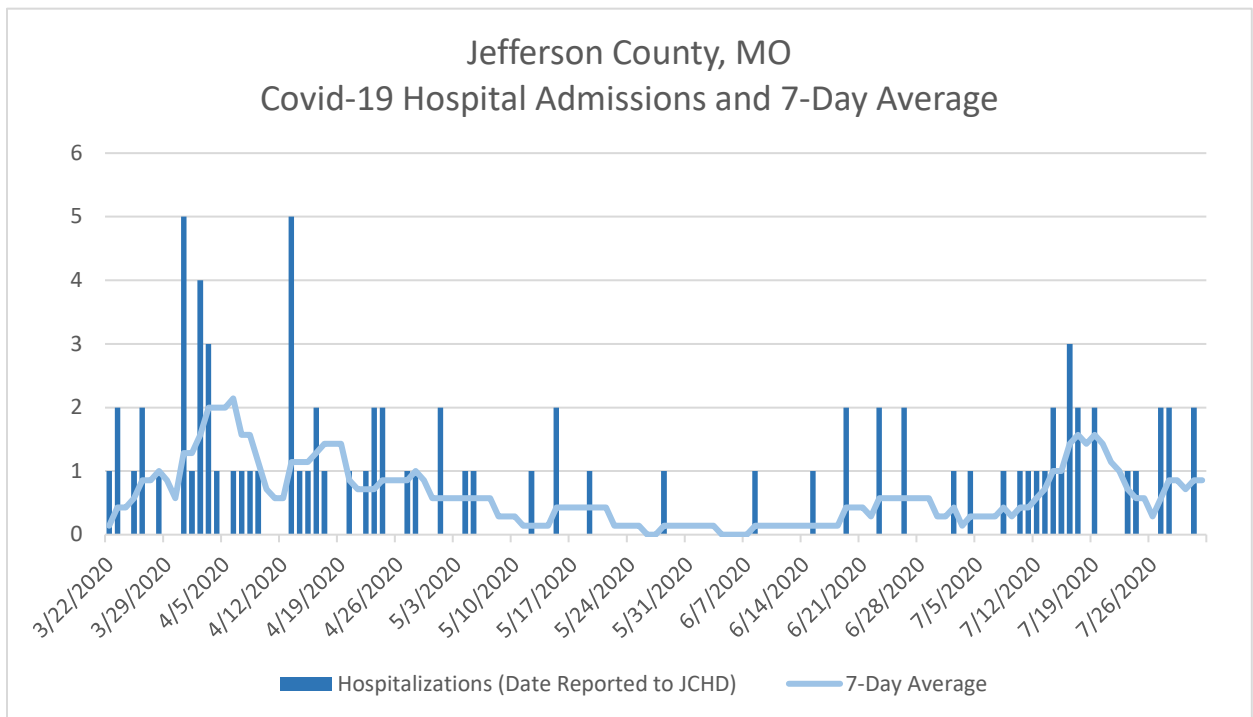


Figure 7. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

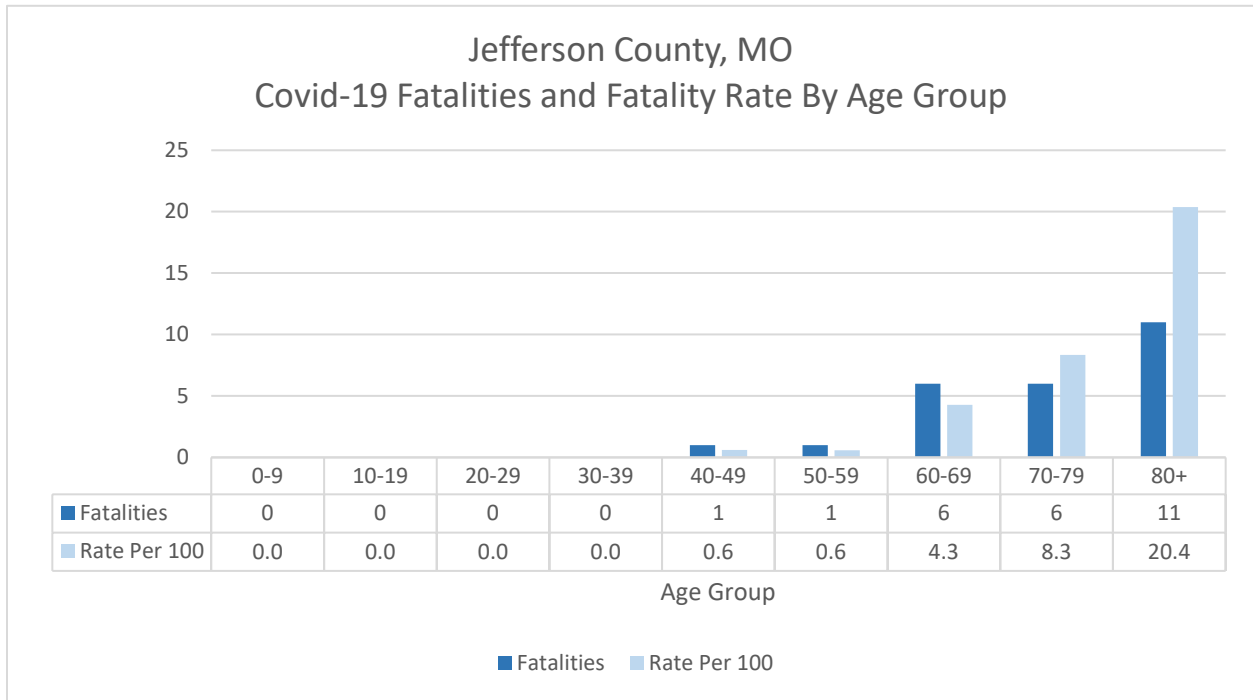


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.71%
Missouri	2.37%
US	3.32%

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

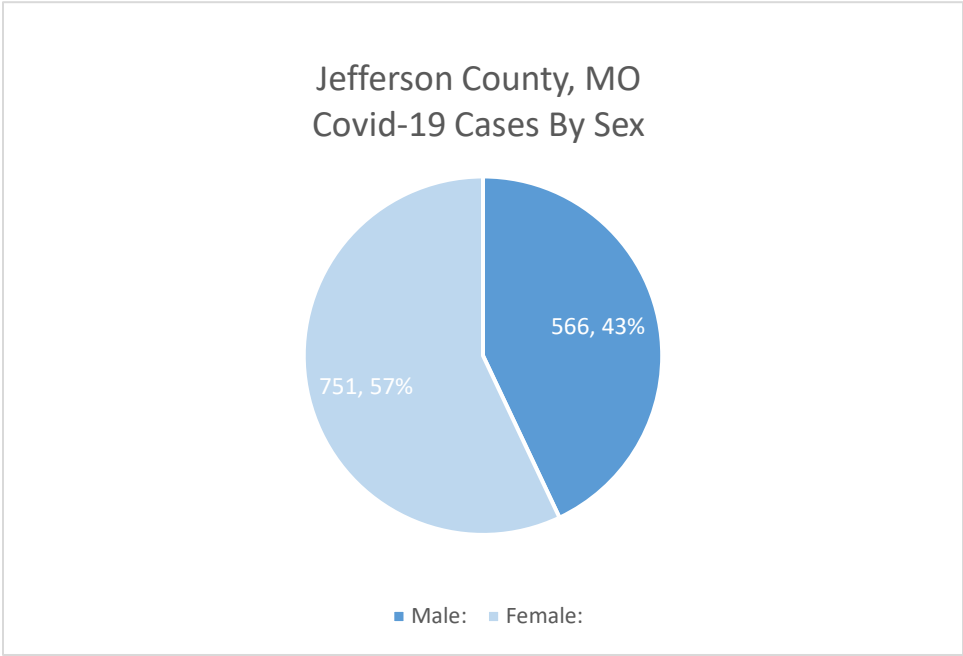


Figure 9. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

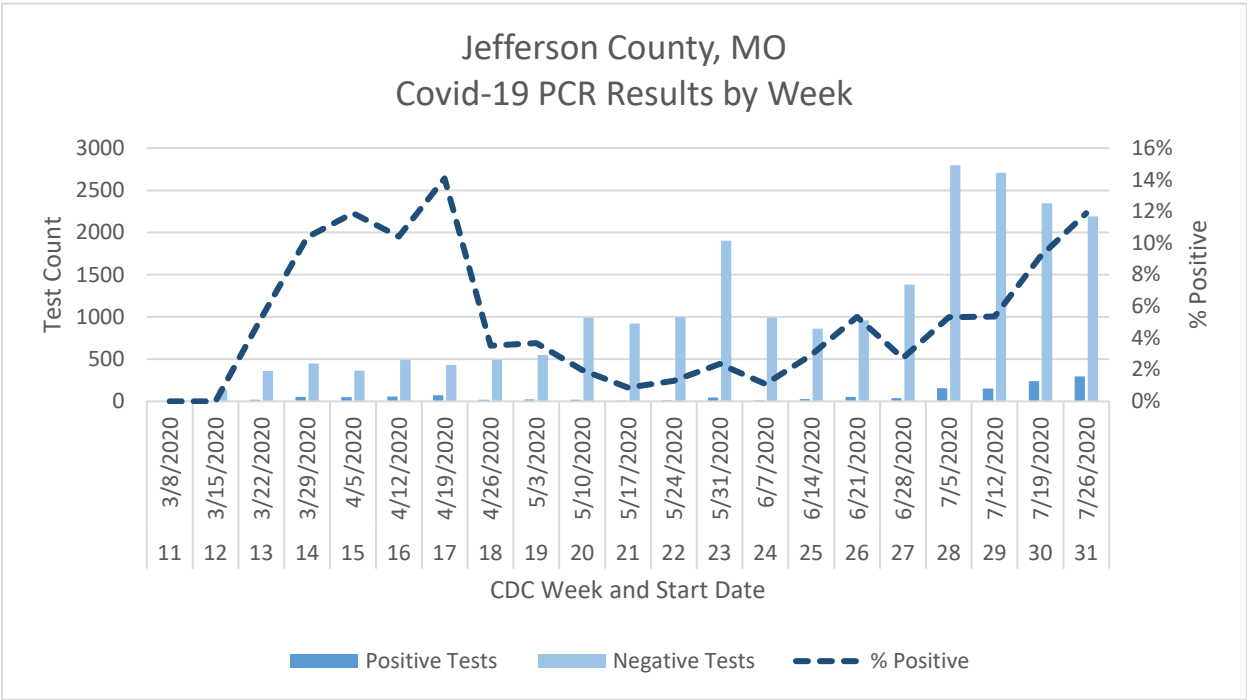


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

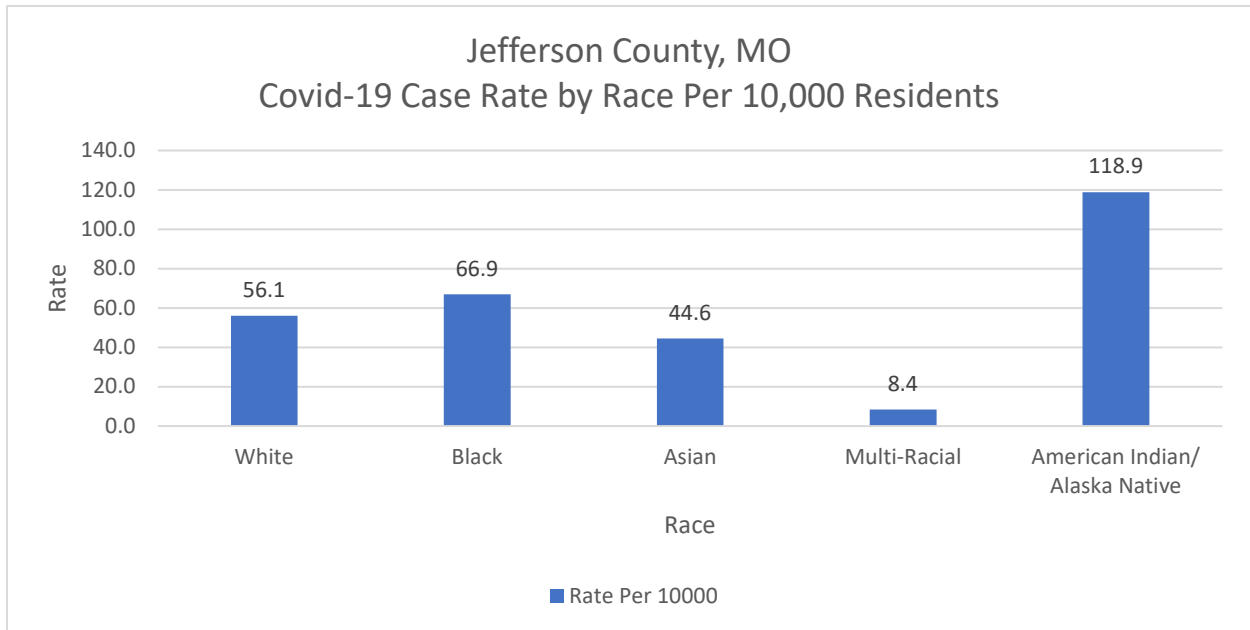
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
11	3/8/2020	0	7	7	0.0%
12	3/15/2020	0	137	137	0.0%
13	3/22/2020	20	361	381	5.2%
14	3/29/2020	52	449	501	10.4%
15	4/5/2020	49	363	412	11.9%
16	4/12/2020	57	490	547	10.4%
17	4/19/2020	71	433	504	14.1%
18	4/26/2020	18	493	511	3.5%
19	5/3/2020	21	549	570	3.7%
20	5/10/2020	20	991	1011	2.0%
21	5/17/2020	8	922	930	0.9%
22	5/24/2020	13	997	1010	1.3%
23	5/31/2020	46	1902	1948	2.4%
24	6/7/2020	11	989	1000	1.1%
25	6/14/2020	26	862	888	2.9%
26	6/21/2020	54	959	1013	5.3%
27	6/28/2020	39	1385	1424	2.7%
28	7/5/2020	157	2798	2955	5.3%
29	7/12/2020	153	2705	2858	5.4%
30	7/19/2020	237	2348	2585	9.2%
31	7/26/2020	296	2192	2488	11.9%

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

Race	Cases	Rate Per 10000
White	1209	56.1
Black	18	66.9
Asian	8	44.6
Multi-Racial	3	8.4
American Indian/ Alaska Native	8	118.9
Unknown	16	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

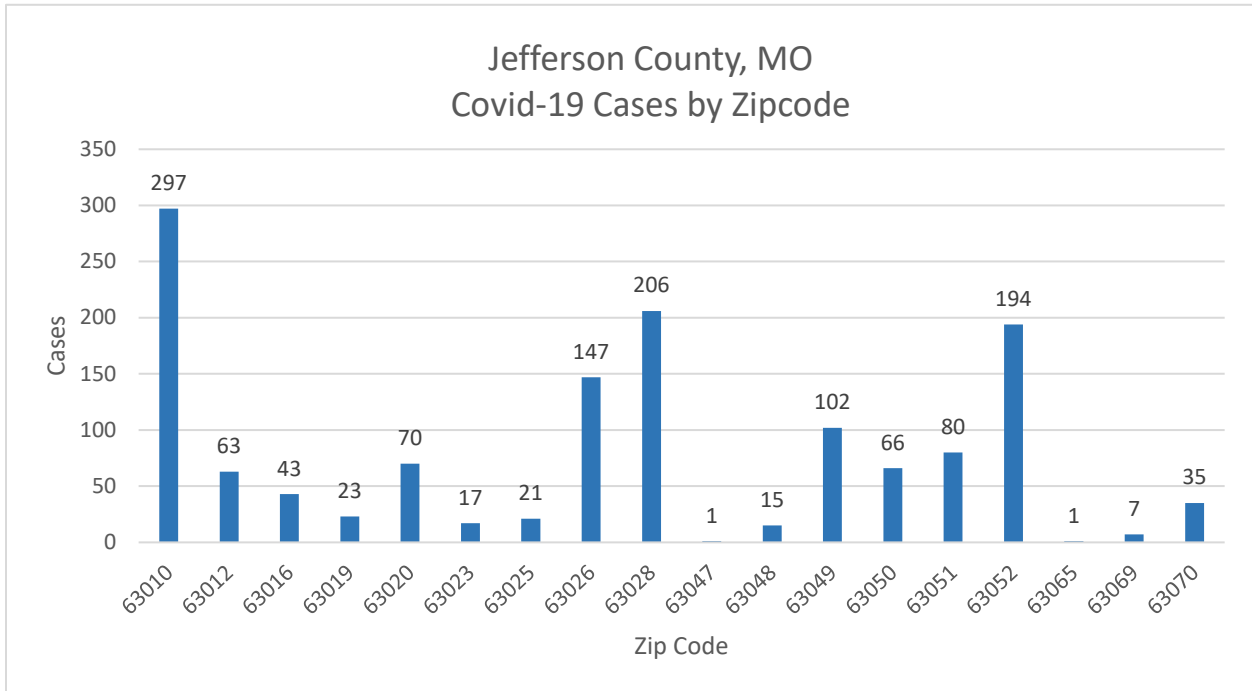
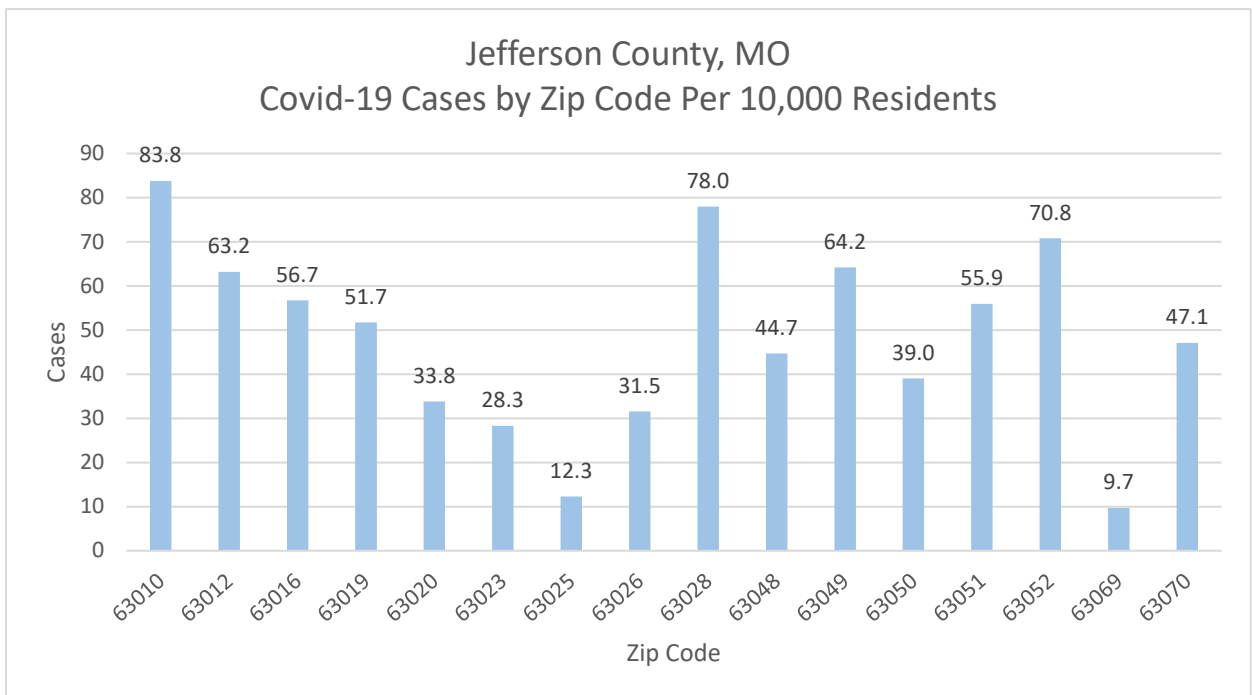


Figure 12. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

Jefferson County, Missouri
Weekly Covid-19 Surveillance Report
Excluding LTCFs

Week 31: July 26- August 1

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

SUMMARY:

-This is a revised version of the Week 31 Covid-19 report excluding cases associated with LTCFs (Long Term Care Facilities).

EPIDEMIOLOGIC DATA:

Table 1. Number of Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), 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	48	70
15	4/5/2020	43	113
16	4/12/2020	23	136
17	4/19/2020	24	160
18	4/26/2020	19	179
19	5/3/2020	15	194
20	5/10/2020	11	205
21	5/17/2020	10	215
22	5/24/2020	11	226
23	5/31/2020	29	255
24	6/7/2020	11	266
25	6/14/2020	31	297
26	6/21/2020	36	333
27	6/28/2020	39	372
28	7/5/2020	158	530
29	7/12/2020	166	696
30	7/19/2020	200	896
31	7/26/2020	261	1157

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

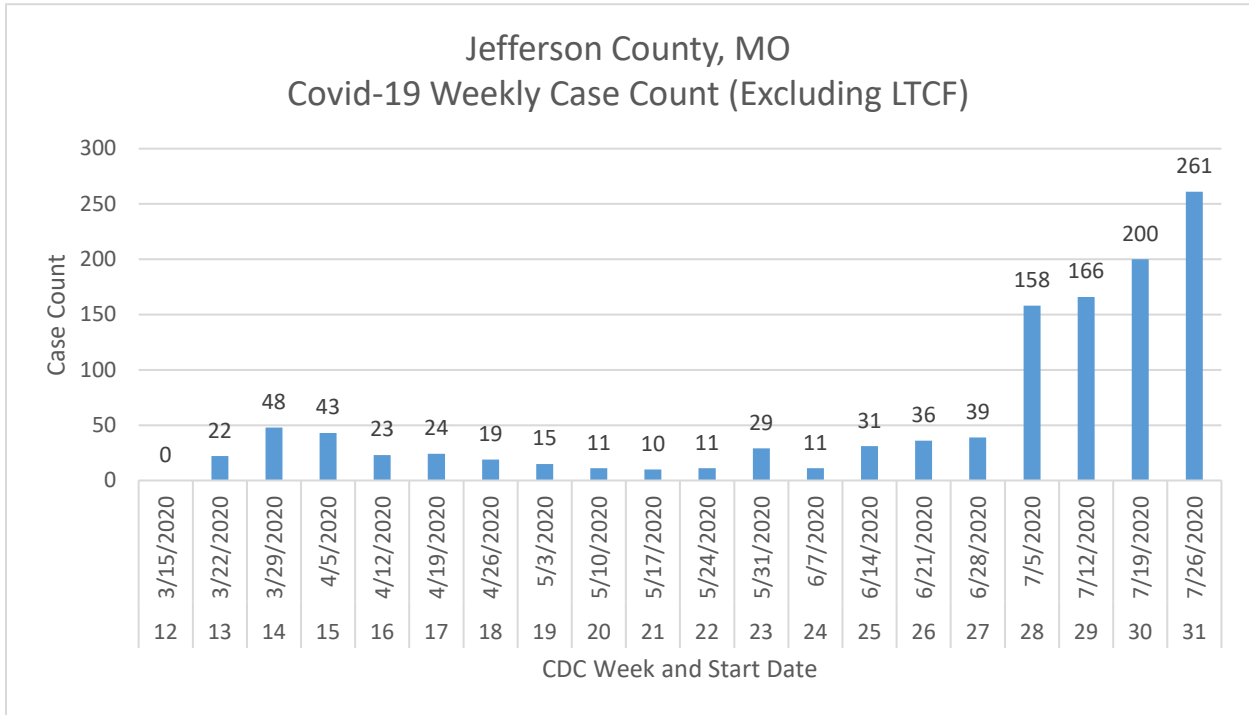


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

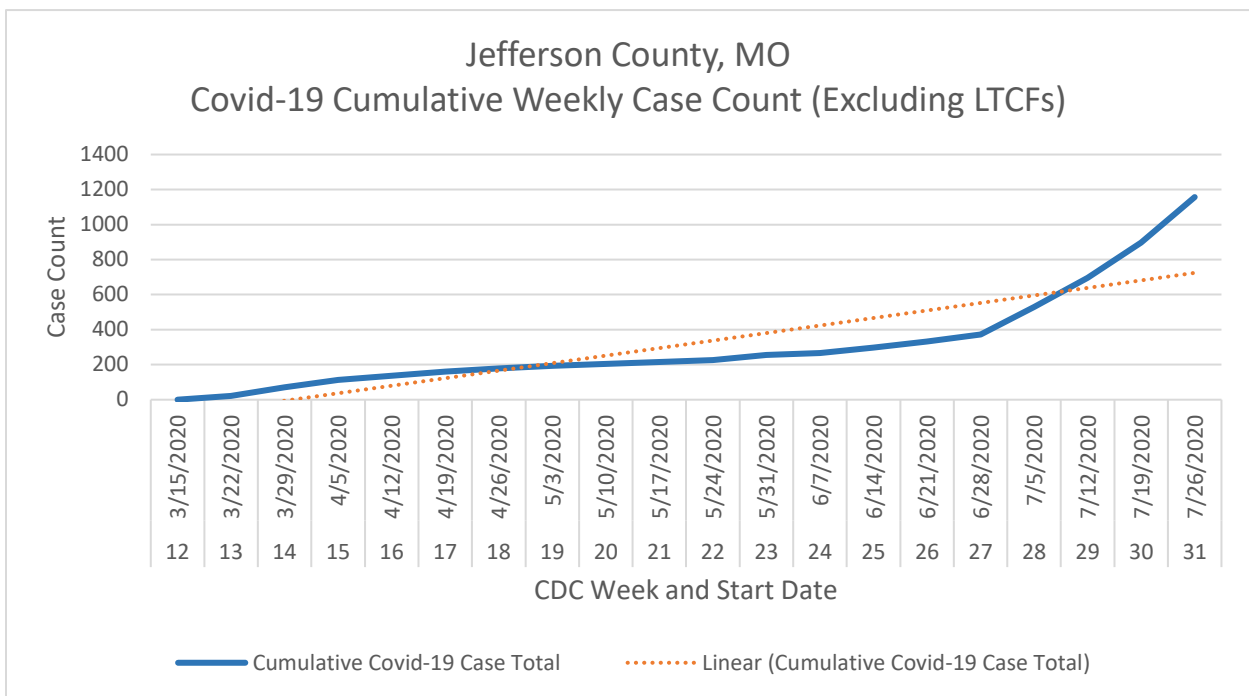


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

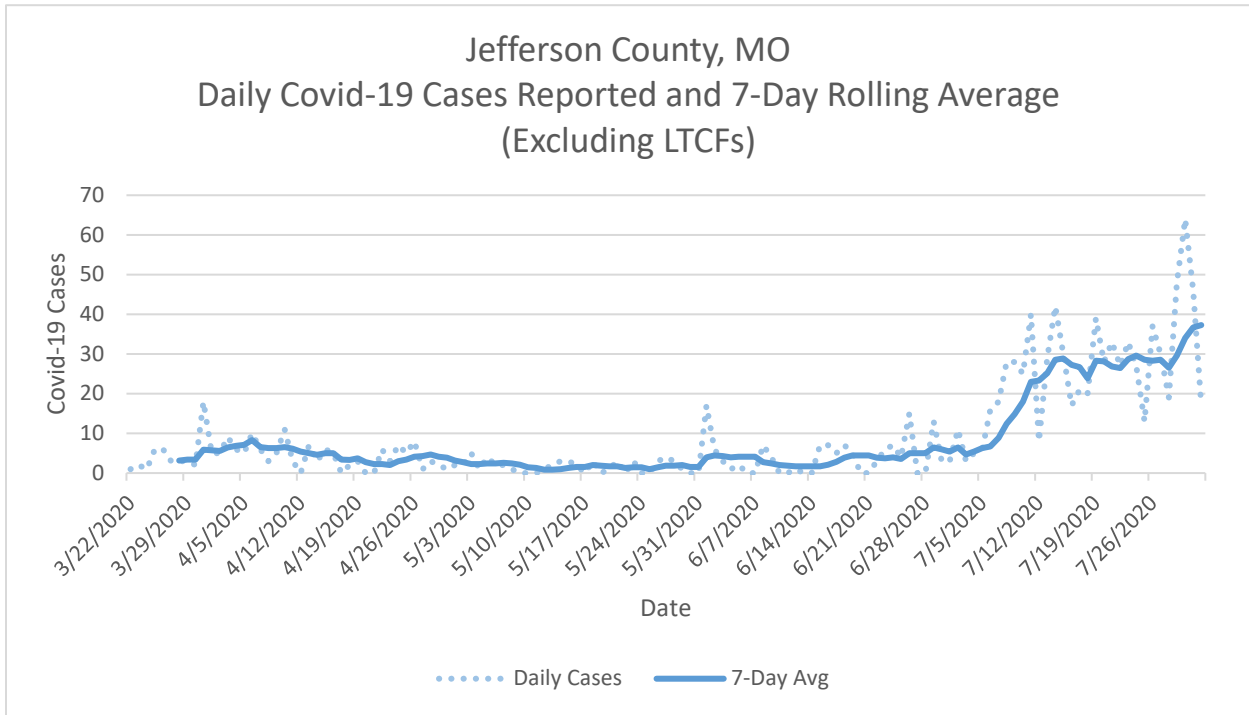


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

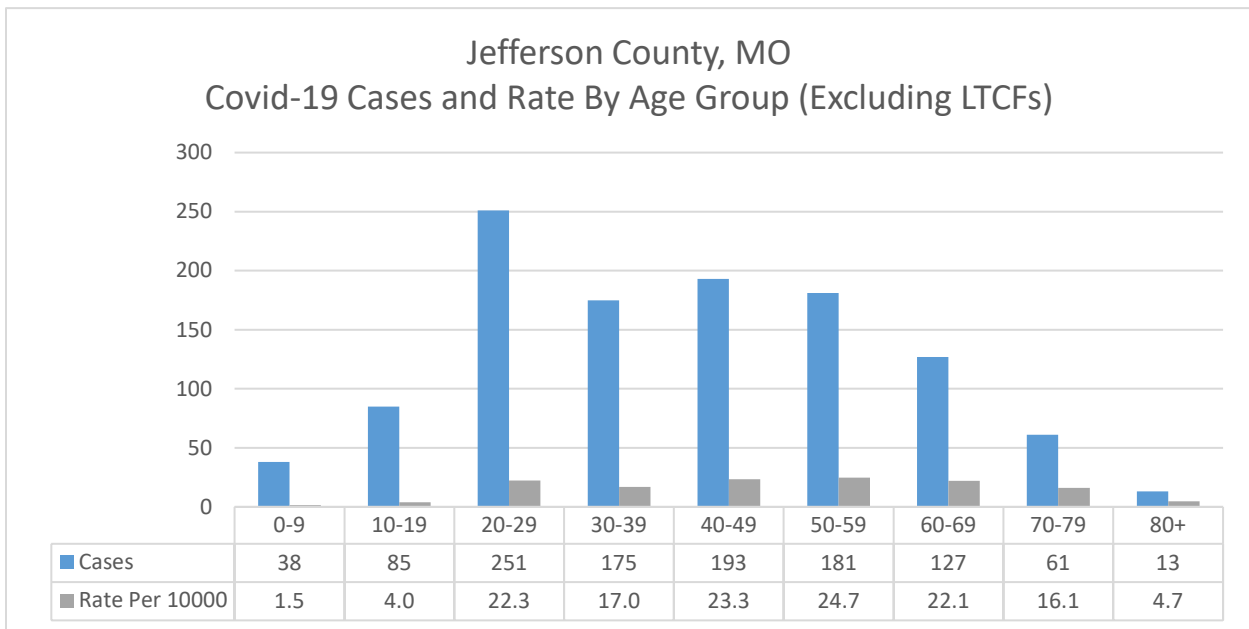


Figure 5. Covid-19 Hospitalizations and Hospitalization Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

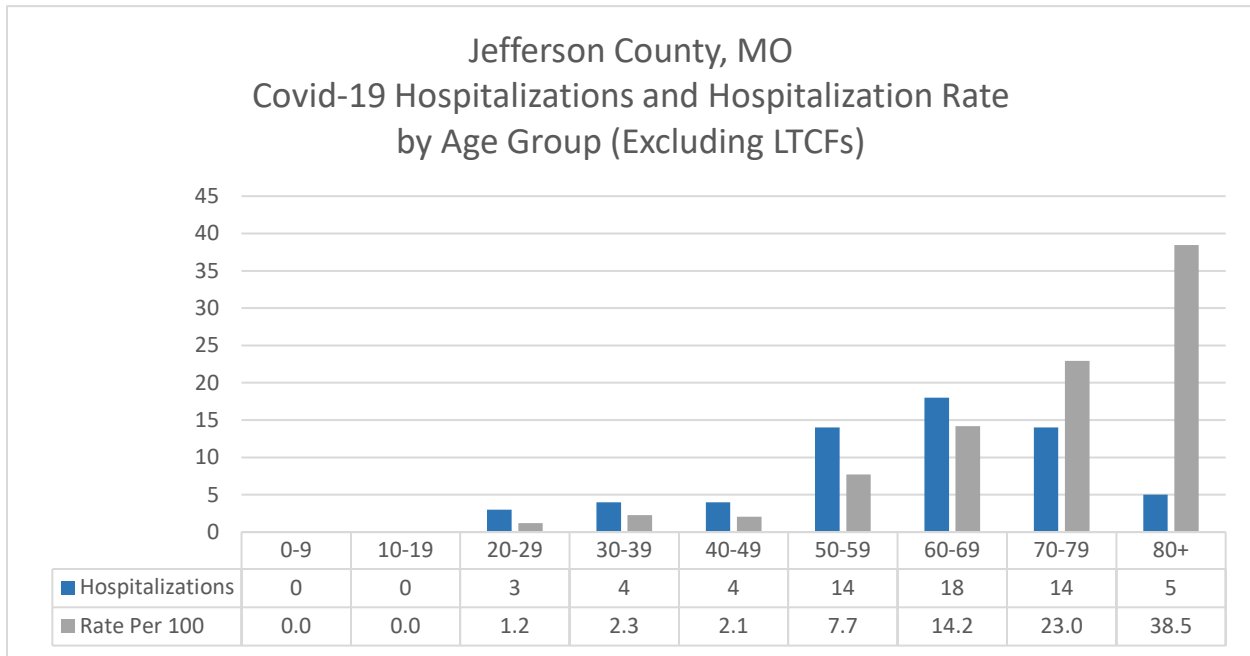


Figure 6. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

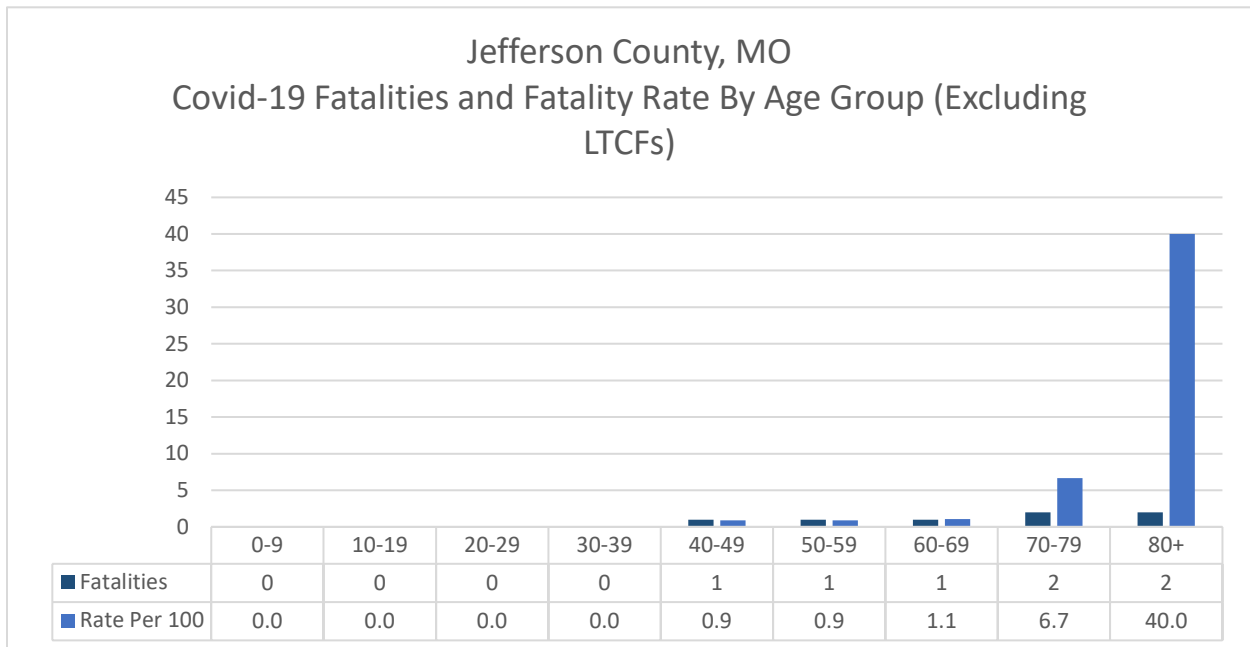


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)*

Jefferson County	.60%

*Missouri and United States data unavailable

Figure 7. Covid-19 Cases by Sex (Excluding LTCFs), Jefferson County, Missouri

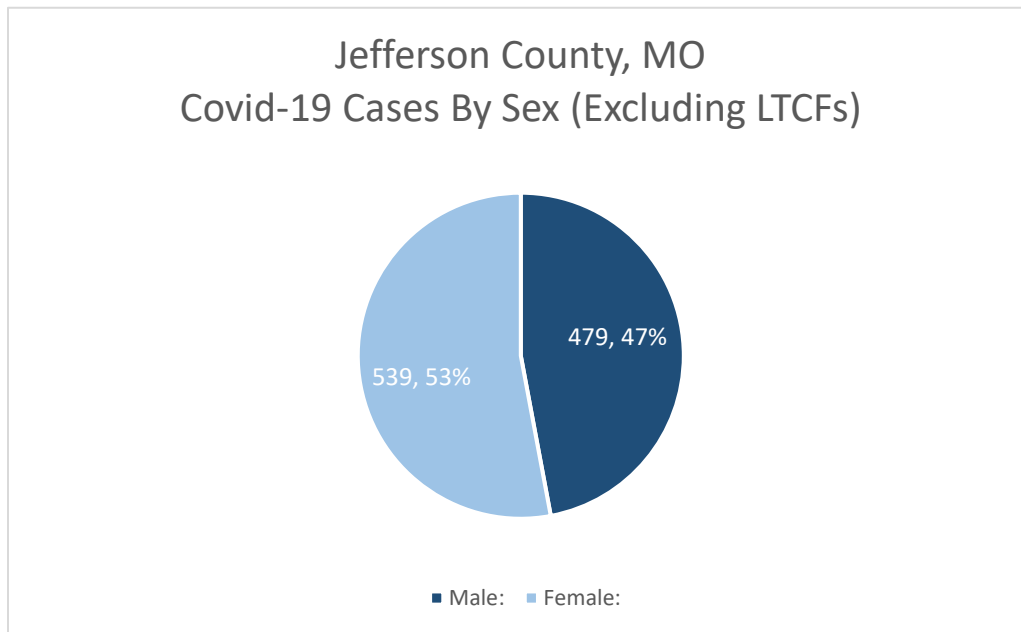


Figure 8. Covid-19 PCR Test Results by Week, Jefferson County (Excluding LTCFs), Missouri

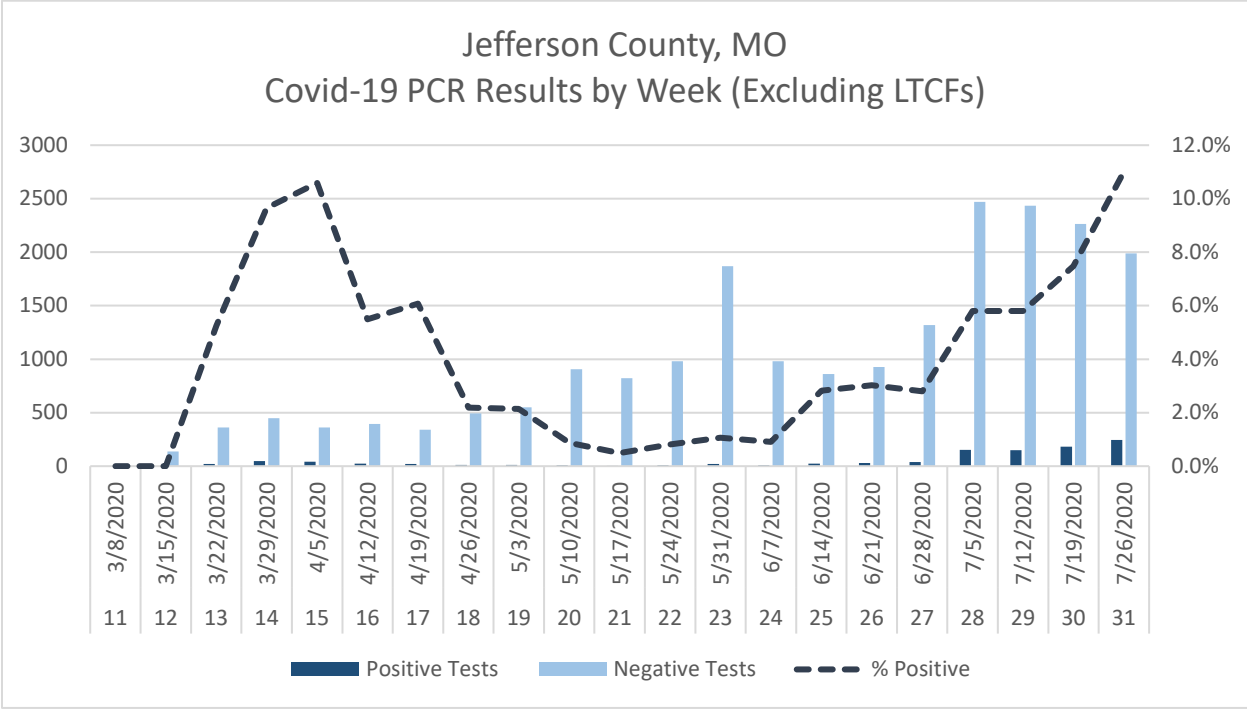


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County (Excluding LTCFs),
Missouri

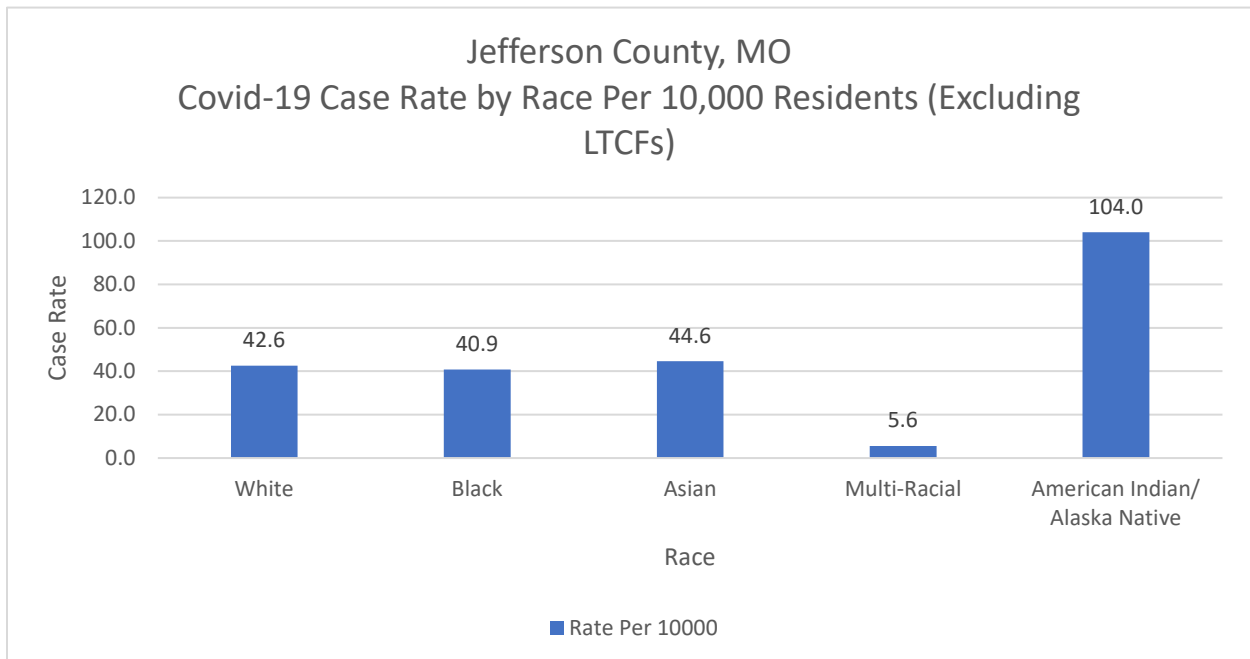
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
11	3/8/2020	0	7	7	0.0%
12	3/15/2020	0	137	137	0.0%
13	3/22/2020	20	361	381	5.2%
14	3/29/2020	48	449	497	9.7%
15	4/5/2020	43	363	406	10.6%
16	4/12/2020	23	396	419	5.5%
17	4/19/2020	22	340	362	6.1%
18	4/26/2020	11	493	504	2.2%
19	5/3/2020	12	549	561	2.1%
20	5/10/2020	8	907	915	0.9%
21	5/17/2020	4	823	827	0.5%
22	5/24/2020	8	981	989	0.8%
23	5/31/2020	20	1870	1890	1.1%
24	6/7/2020	9	981	990	0.9%
25	6/14/2020	25	862	887	2.8%
26	6/21/2020	29	928	957	3.0%
27	6/28/2020	38	1320	1358	2.8%
28	7/5/2020	152	2469	2621	5.8%
29	7/12/2020	150	2433	2583	5.8%
30	7/19/2020	183	2265	2448	7.5%
31	7/26/2020	246	1989	2235	11.0%

Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County (Excluding LTCFs), Missouri*

Race	Cases	Rate Per 10000
White	919	42.6
Black	11	40.9
Asian	8	44.6
Multi-Racial	2	5.6
American Indian/ Alaska Native	7	104.0
Unknown	16	N/A

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

Figure 9. Covid-19 Case Rate by Race Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri*



*Case Rates calculated excluding unknown and missing race data.

Figure 10. Covid-19 Cases by Zip Code, Jefferson County (Excluding LTCFs), Missouri

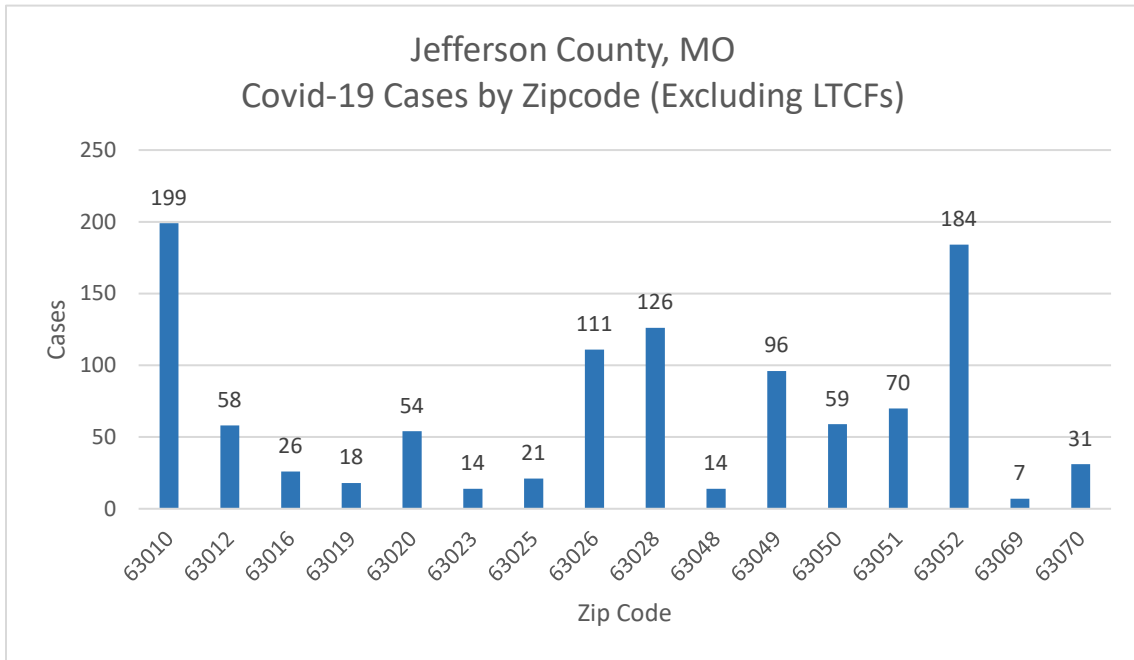
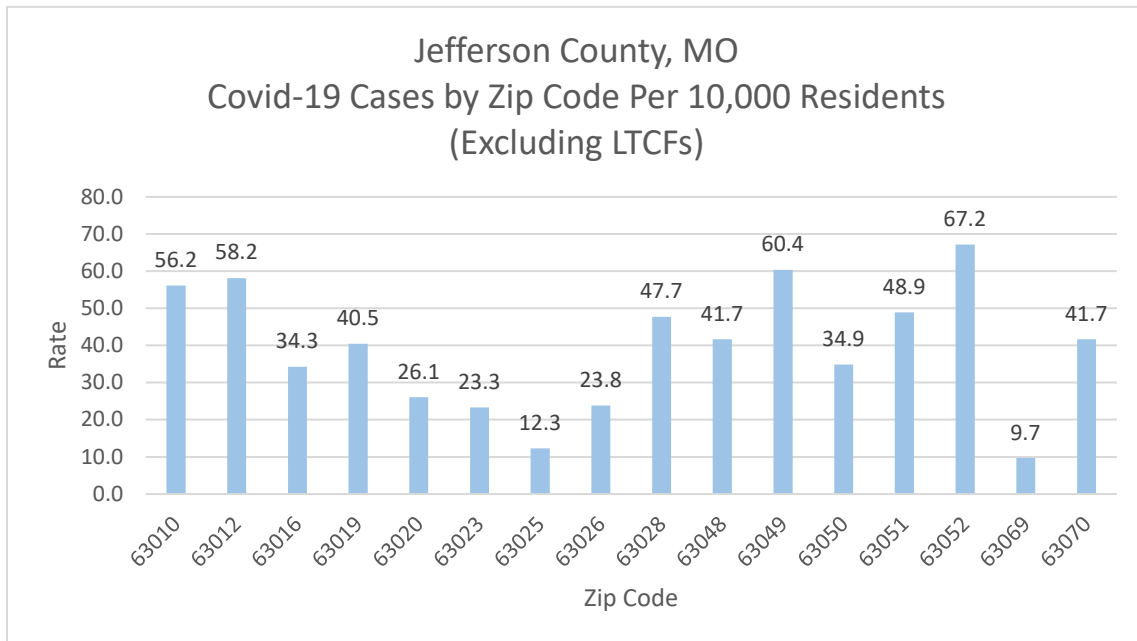


Figure 11. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

-As of 8/1/2020 there have been 131 confirmed and probable Covid-19 cases reported in the 0-19 year age group in Jefferson County, Missouri

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
12	3/15/2020	0	0
13	3/22/2020	2	2
14	3/29/2020	0	2
15	4/5/2020	1	3
16	4/12/2020	0	3
17	4/19/2020	1	4
18	4/26/2020	1	5
19	5/3/2020	0	5
20	5/10/2020	0	5
21	5/17/2020	0	5
22	5/24/2020	1	6
23	5/31/2020	1	7
24	6/7/2020	0	7
25	6/14/2020	5	12
26	6/21/2020	3	15
27	6/28/2020	5	20
28	7/5/2020	25	45
29	7/12/2020	23	68
30	7/19/2020	30	98
31	7/26/2020	33	131

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

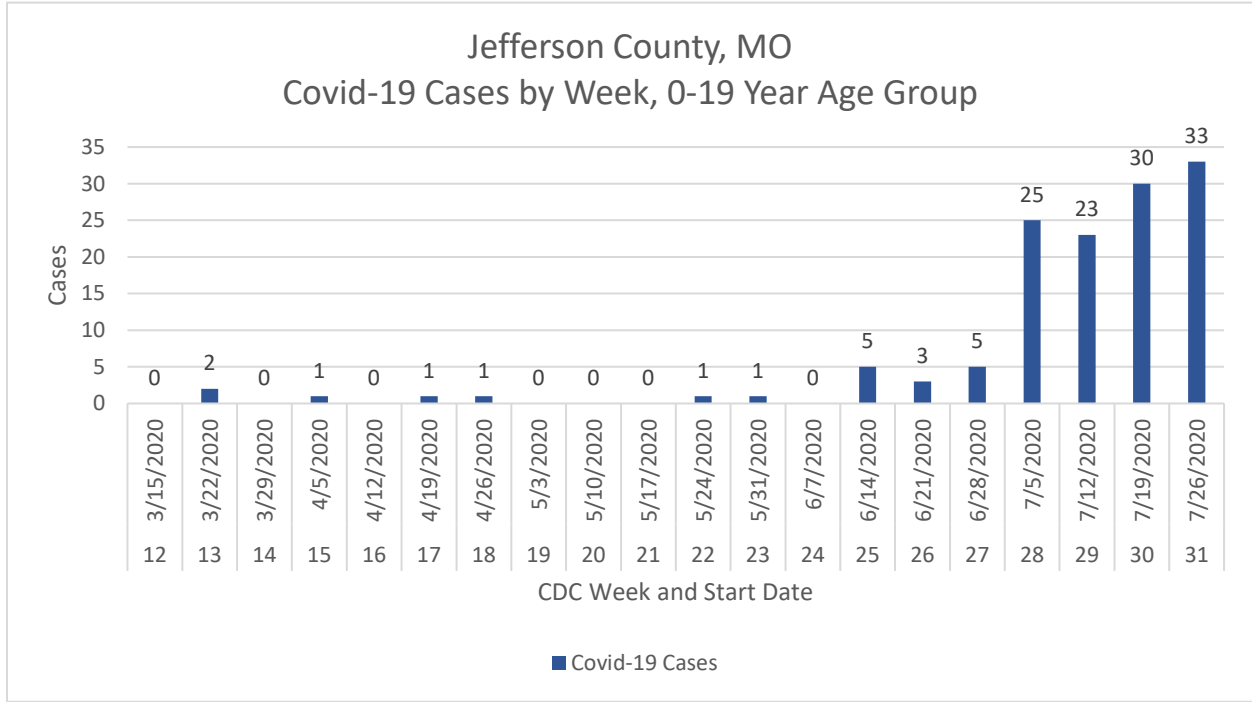


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	39	2.66%
10-19	92	6.28%
20+	1299	88.73%

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

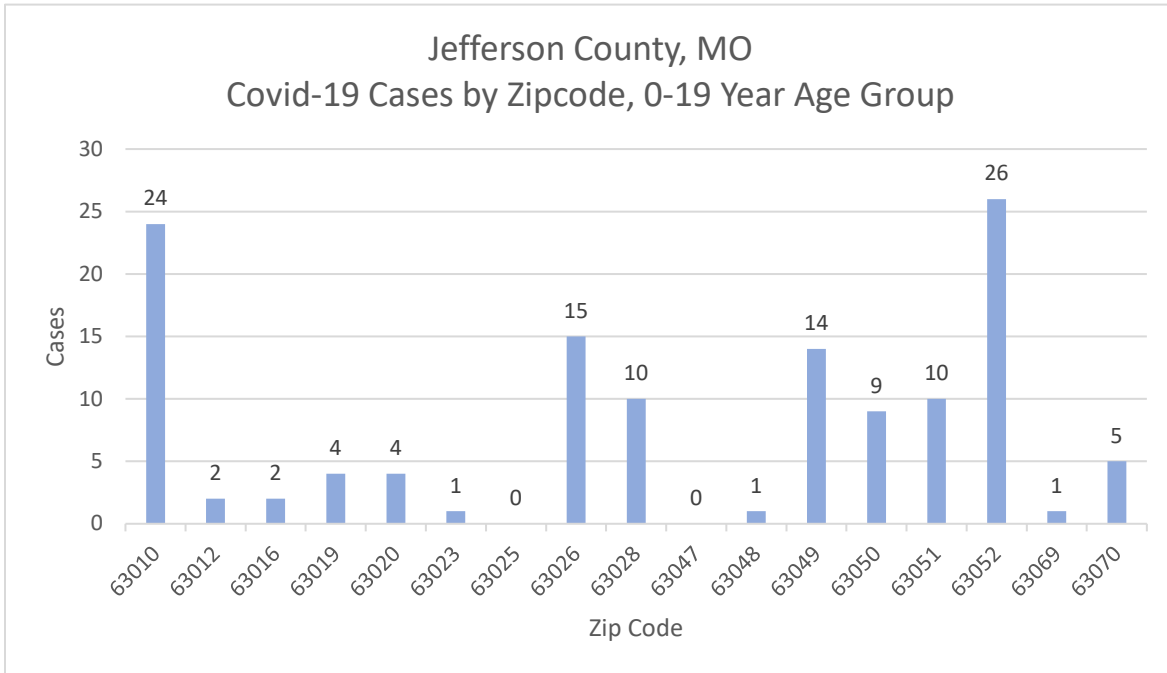


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

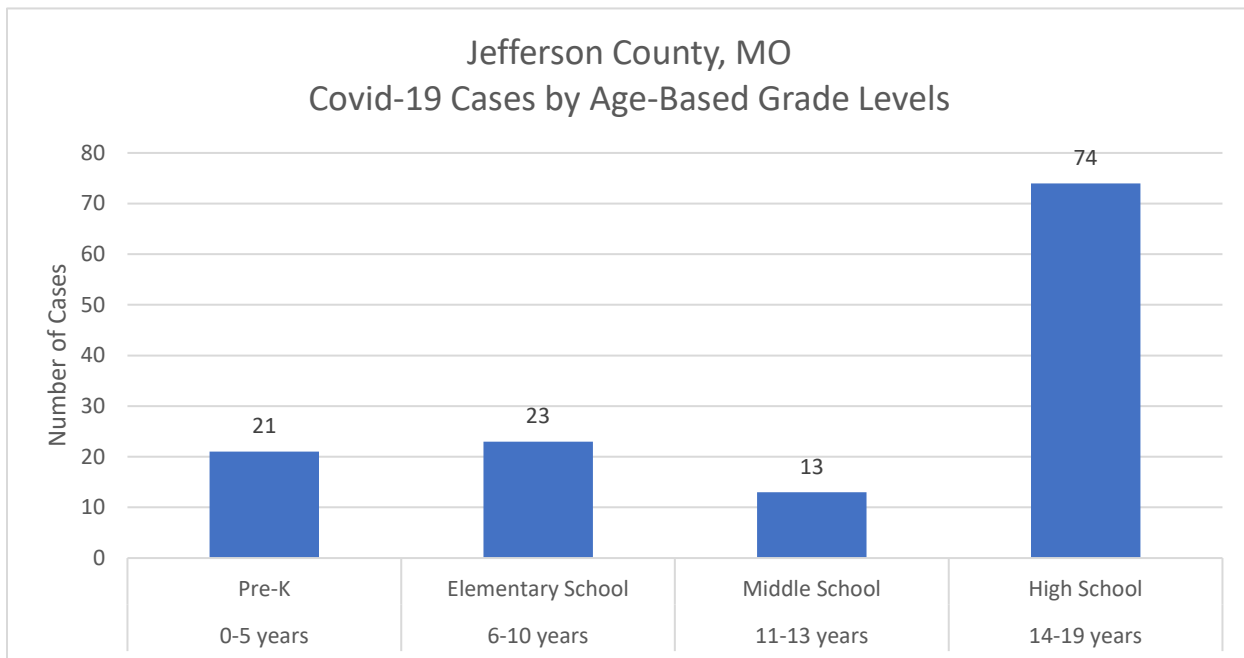


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group Jefferson County, Missouri

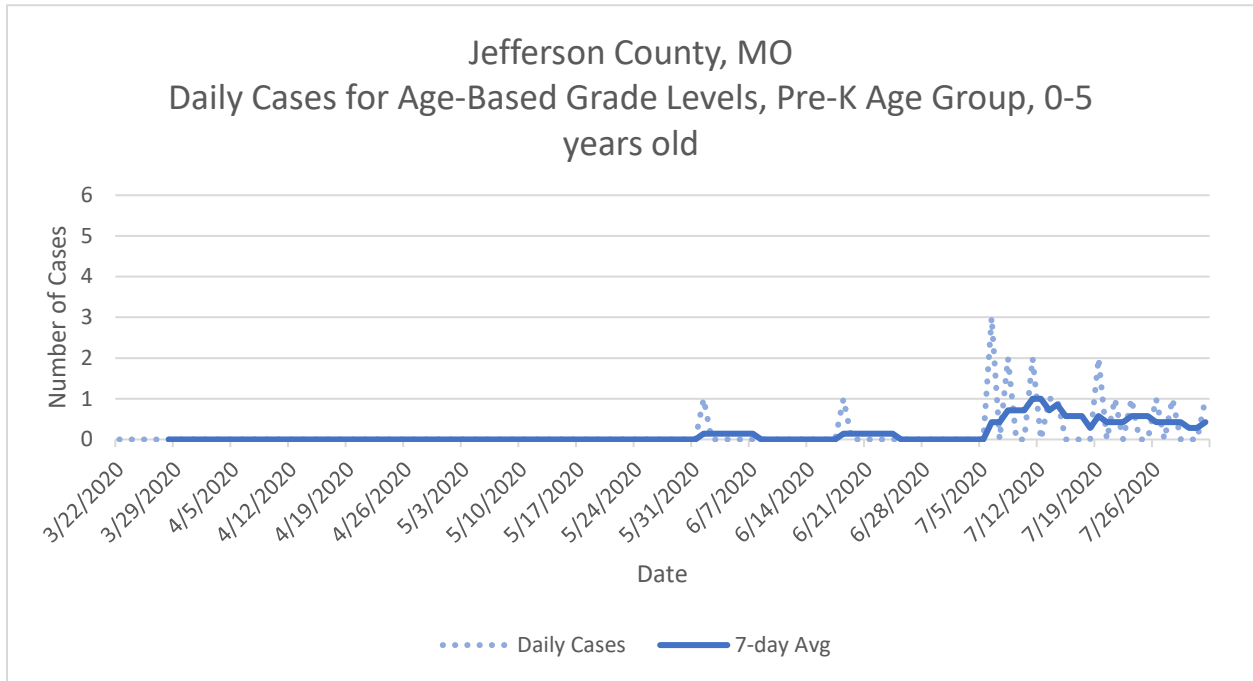


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group Jefferson County, Missouri

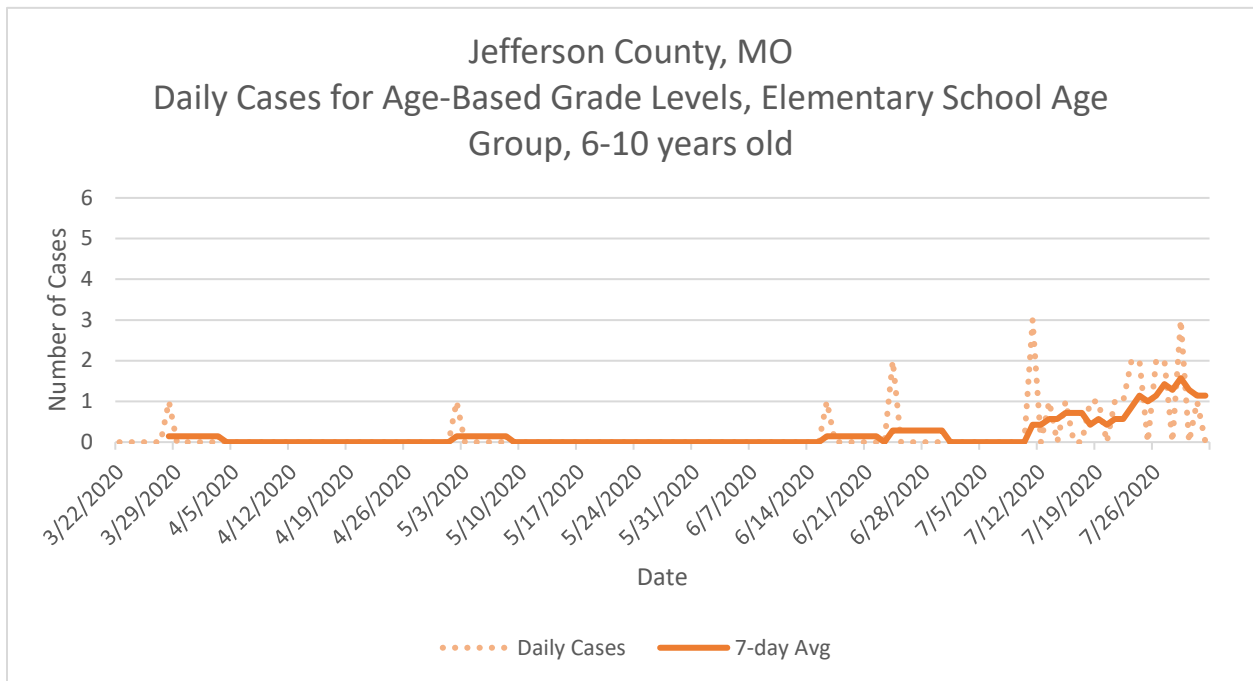


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group Jefferson County, Missouri

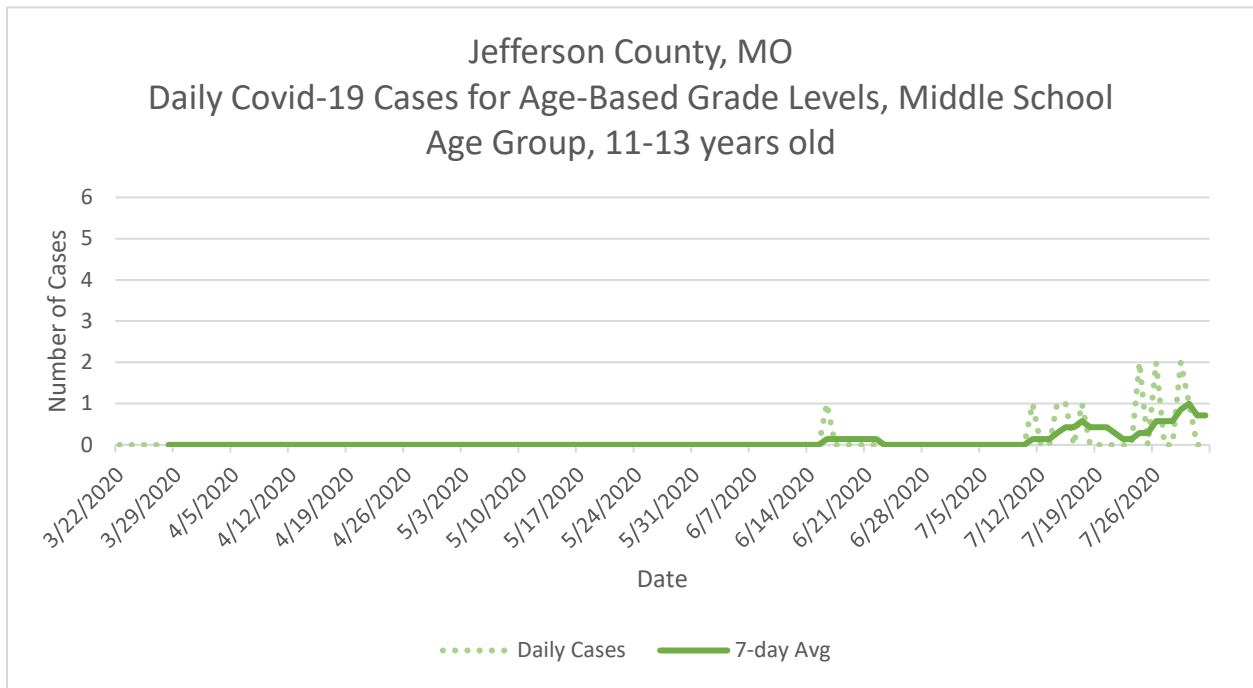


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group Jefferson County, Missouri

