



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

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

Week 6: February 7- February 13

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

SUMMARY:

- During Week 6 a total of 298 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 21289 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 6.
- One hundred ninety-four Covid-19 associated deaths have been reported in Jefferson County as of Week 6.
- Twenty-six outbreaks of Covid-19 have been reported in long-term care facilities (LTCF) in Jefferson County.¹

¹Outbreaks 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
19	5/3/2020	24	313
20	5/10/2020	24	337
21	5/17/2020	14	351
22	5/24/2020	18	369
23	5/31/2020	55	424
24	6/7/2020	16	440
25	6/14/2020	35	475
26	6/21/2020	62	537
27	6/28/2020	45	582
28	7/5/2020	166	748
29	7/12/2020	180	928
30	7/19/2020	254	1182
31	7/26/2020	310	1492
32	8/2/2020	327	1819
33	8/9/2020	329	2148
34	8/16/2020	321	2469
35	8/23/2020	407	2876
36	8/30/2020	434	3310
37	9/6/2020	383	3693
38	9/13/2020	492	4185
39	9/20/2020	442	4627
40	9/27/2020	352	4979
41	10/4/2020	307	5286
42	10/11/2020	338	5624
43	10/18/2020	365	5989
44	10/25/2020	663	6652
45	11/1/2020	1015	7667
46	11/8/2020	1629	9296
47	11/15/2020	1373	10669
48	11/22/2020	1328	11997
49	11/29/2020	1284	13281
50	12/6/2020	1074	14355
51	12/13/2020	1029	15384
52	12/20/2020	610	15994
53	12/27/2020	1068	17062
1	1/3/2021	1303	18365
2	1/10/2021	852	19217
3	1/17/2021	813	20030
4	1/24/2021	568	20598
5	1/31/2021	393	20991
6	2/7/2021	298	21289

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

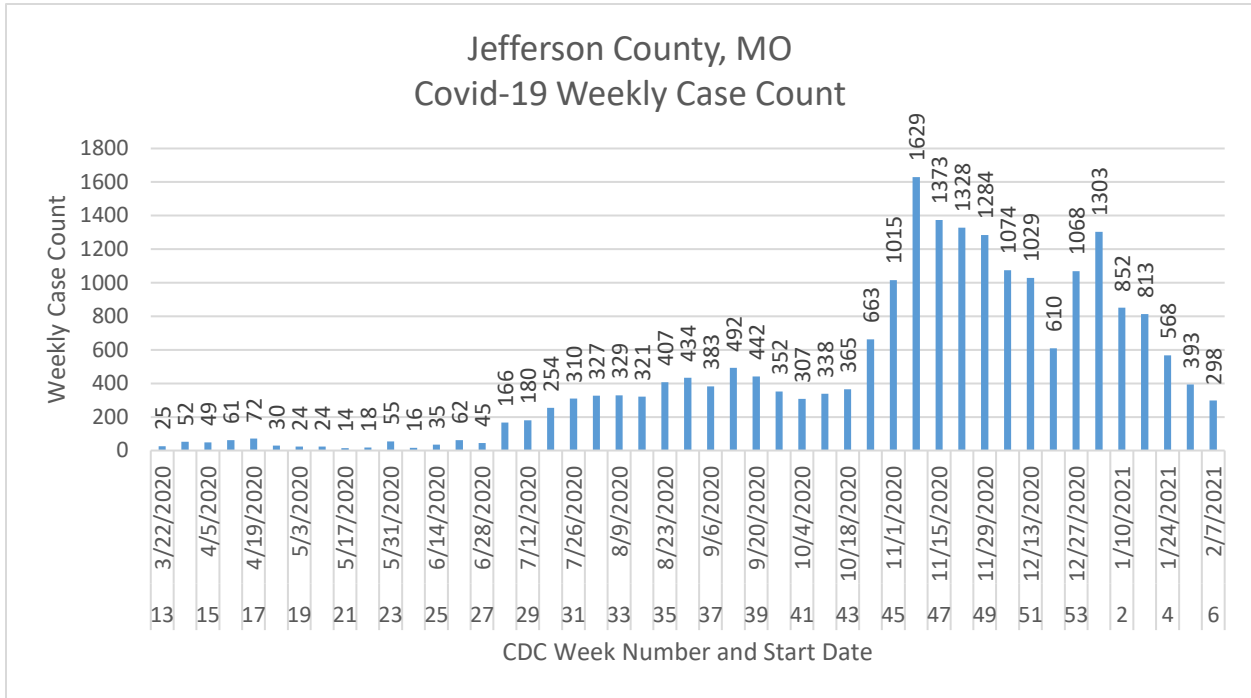


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

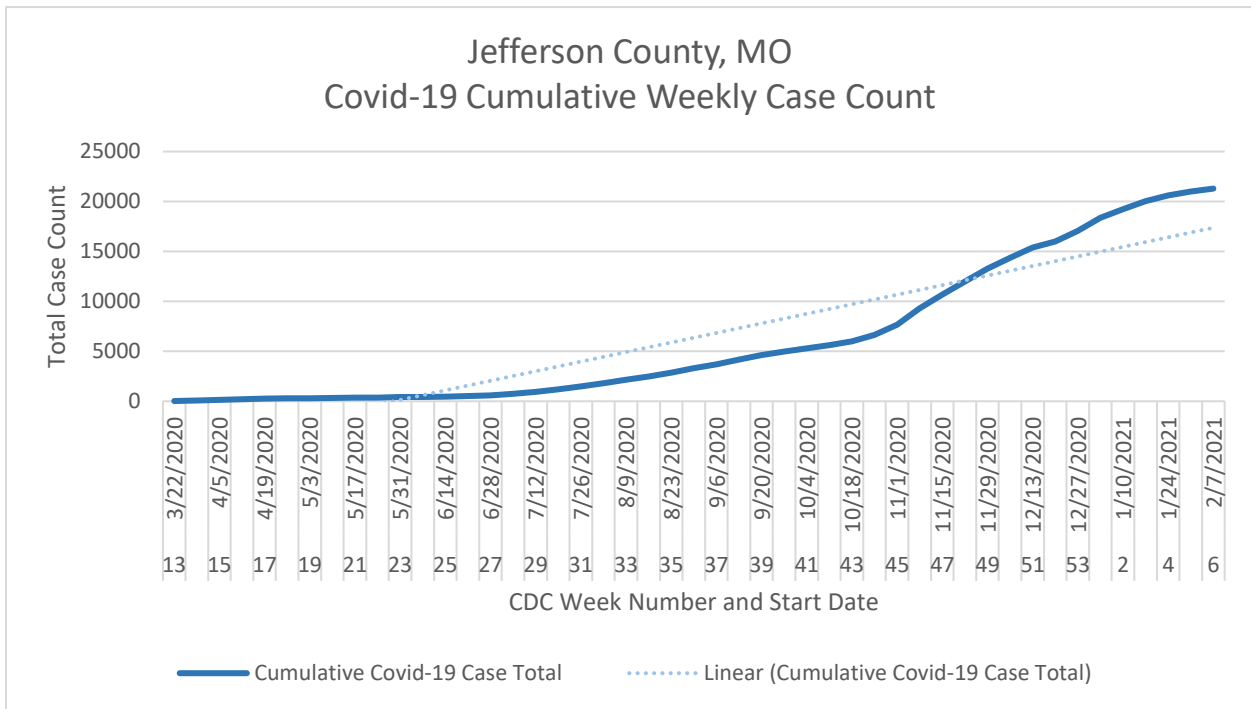


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

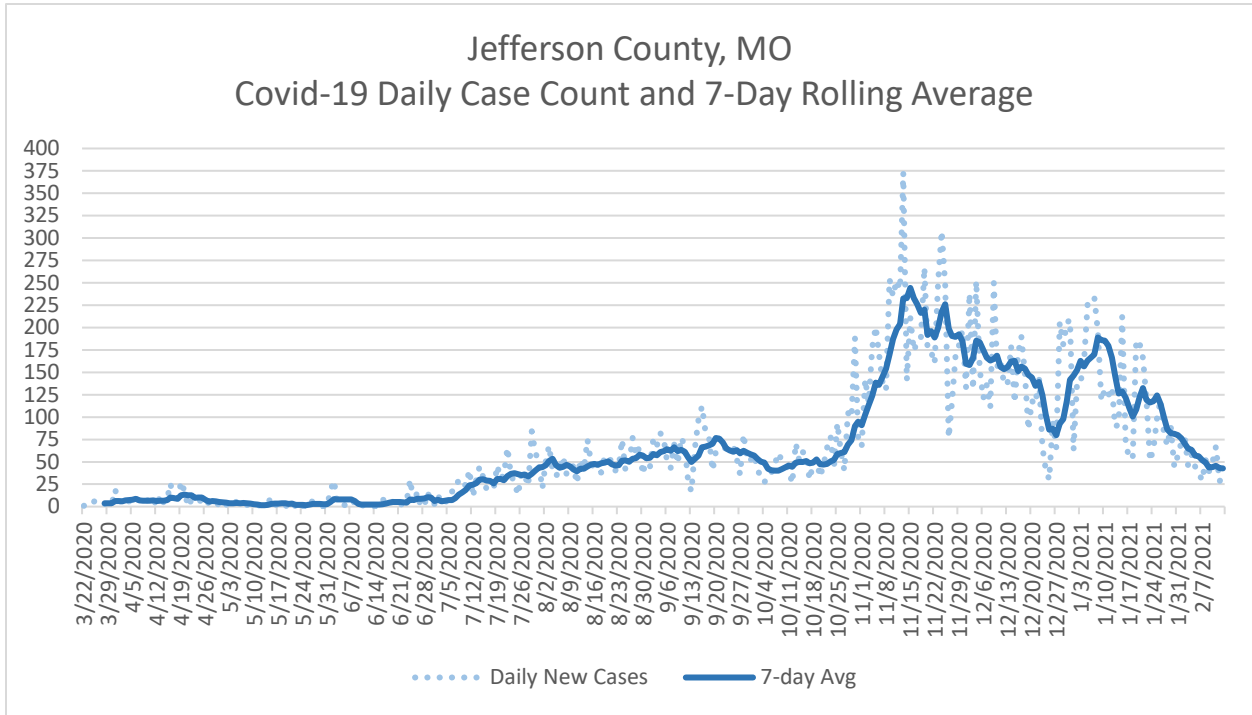


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

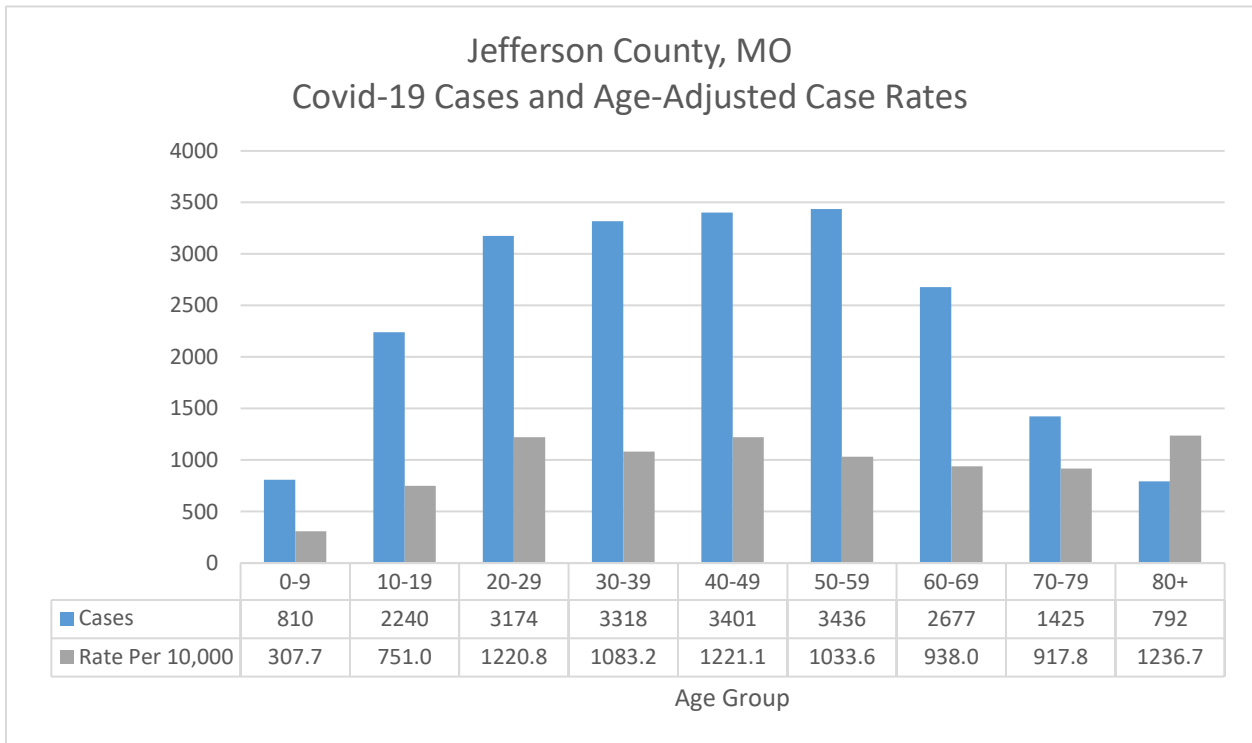


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

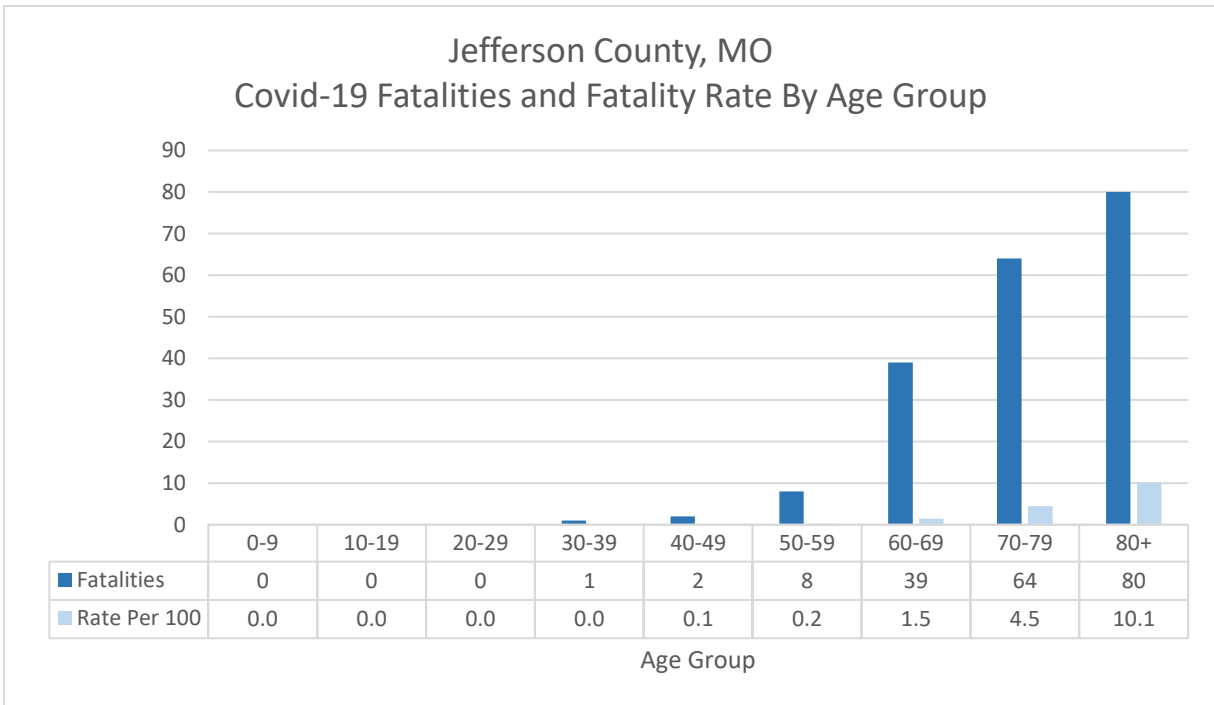


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.91%
Missouri	1.58%
US	1.76%

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

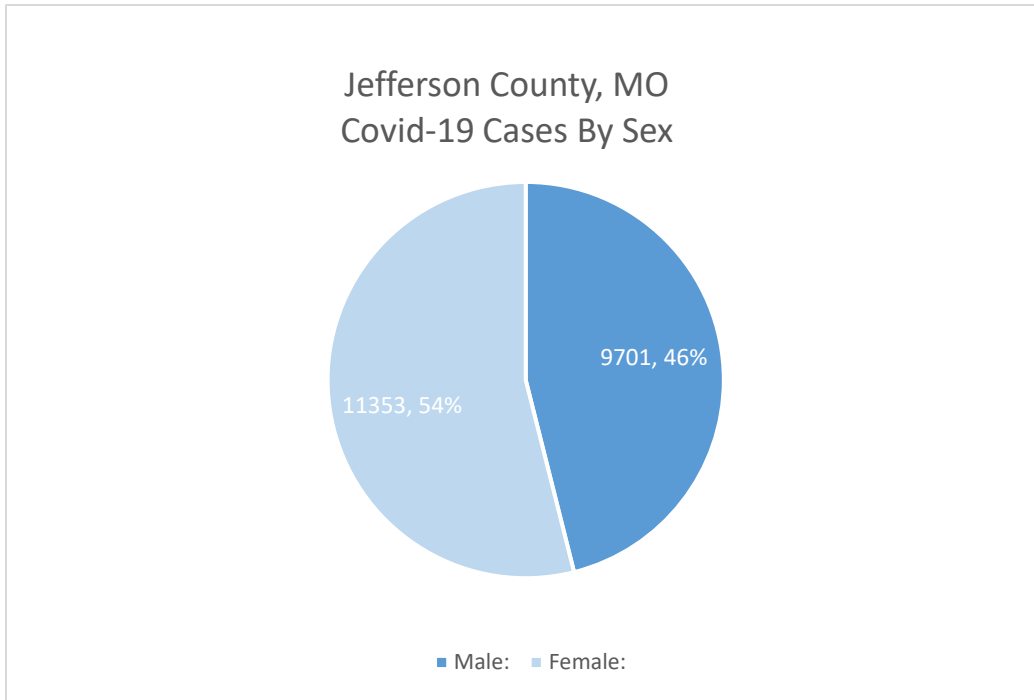


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

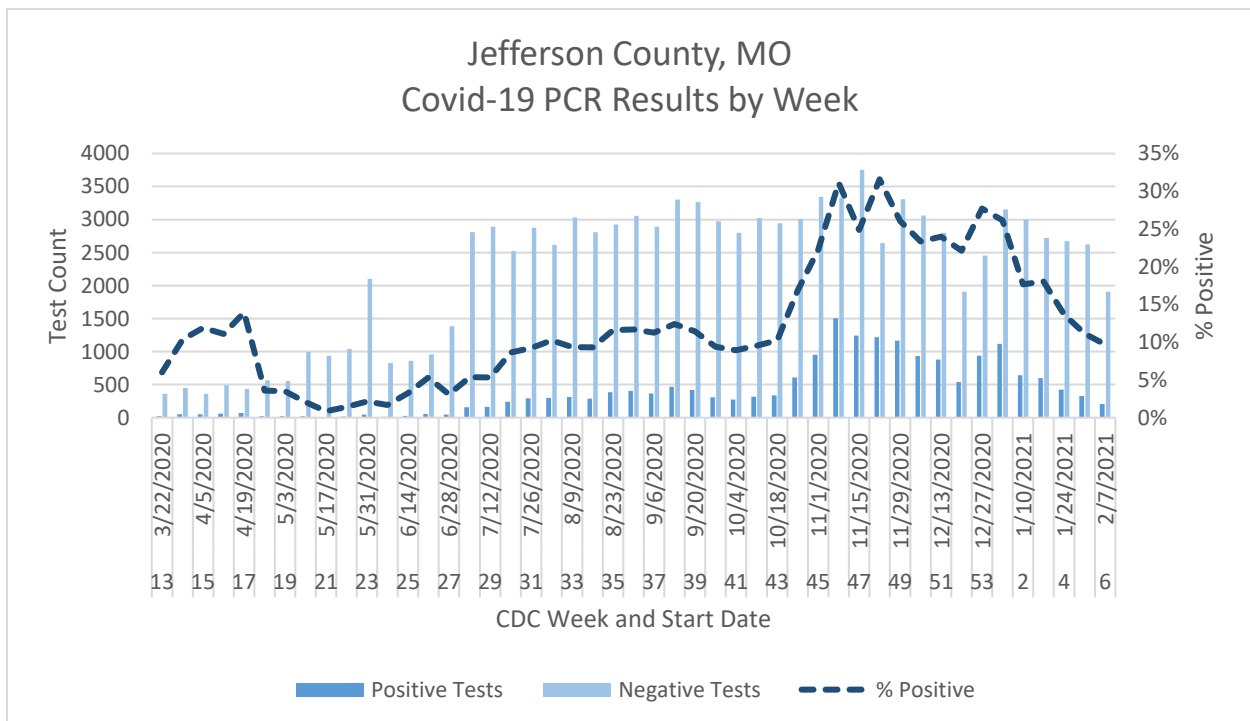


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

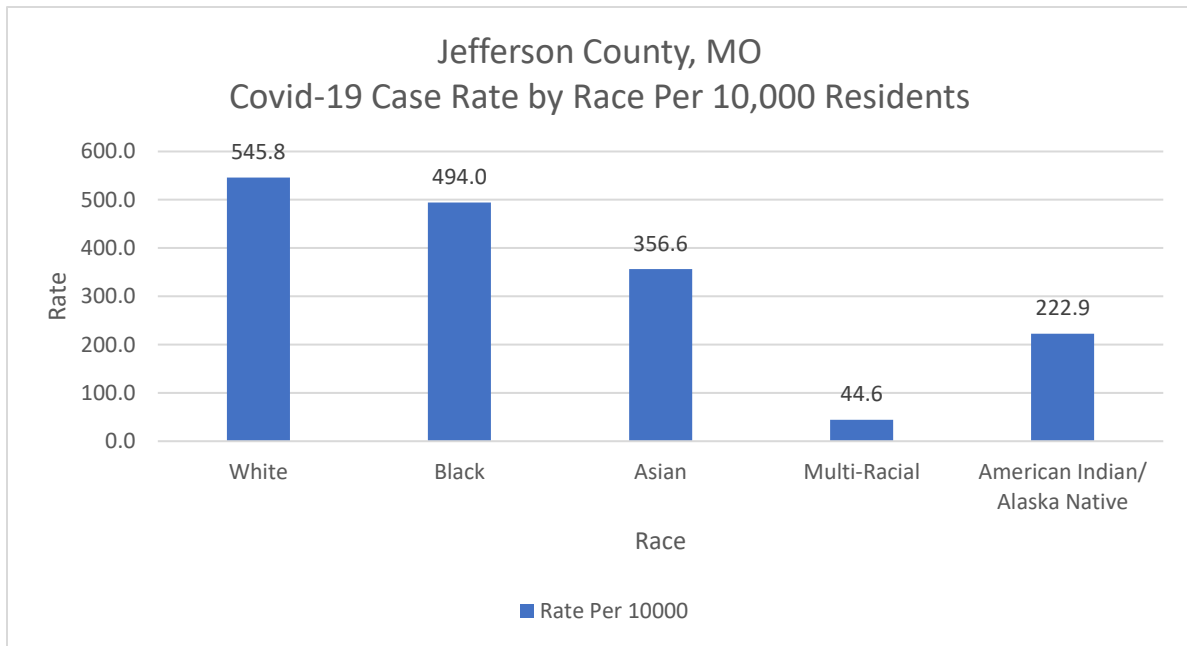
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
17	4/19/2020	70	433	503	13.9%
18	4/26/2020	21	566	587	3.6%
19	5/3/2020	20	553	573	3.5%
20	5/10/2020	21	997	1018	2.1%
21	5/17/2020	8	938	946	0.8%
22	5/24/2020	15	1040	1055	1.4%
23	5/31/2020	46	2099	2145	2.1%
24	6/7/2020	14	829	843	1.7%
25	6/14/2020	29	862	891	3.3%
26	6/21/2020	54	959	1013	5.3%
27	6/28/2020	44	1385	1429	3.1%
28	7/5/2020	160	2811	2971	5.4%
29	7/12/2020	163	2891	3054	5.3%
30	7/19/2020	238	2525	2763	8.6%
31	7/26/2020	293	2878	3171	9.2%
32	8/2/2020	299	2615	2914	10.3%
33	8/9/2020	312	3030	3342	9.3%
34	8/16/2020	288	2807	3095	9.3%
35	8/23/2020	384	2923	3307	11.6%
36	8/30/2020	404	3057	3461	11.7%
37	9/6/2020	367	2889	3256	11.3%
38	9/13/2020	467	3302	3769	12.4%
39	9/20/2020	421	3266	3687	11.4%
40	9/27/2020	308	2972	3280	9.4%
41	10/4/2020	275	2800	3075	8.9%
42	10/11/2020	318	3022	3340	9.5%
43	10/18/2020	336	2946	3282	10.2%
44	10/25/2020	610	3005	3615	16.9%
45	11/1/2020	955	3340	4295	22.2%
46	11/8/2020	1506	3334	4840	31.1%
47	11/15/2020	1244	3754	4998	24.9%
48	11/22/2020	1221	2644	3865	31.6%
49	11/29/2020	1166	3309	4475	26.1%
50	12/6/2020	933	3062	3995	23.4%
51	12/13/2020	882	2798	3680	24.0%
52	12/20/2020	541	1905	2446	22.1%
53	12/27/2020	940	2454	3394	27.7%
1	1/3/2021	1116	3151	4267	26.2%
2	1/10/2021	644	2999	3643	17.7%
3	1/17/2021	599	2721	3320	18.0%
4	1/24/2021	422	2674	3096	13.6%
5	1/31/2021	329	2624	2953	11.1%
6	2/7/2021	204	1905	2109	9.7%

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

Race	Cases	Rate Per 10000
White	11767	545.8
Black	133	494.0
Asian	64	356.6
Multi-Racial	16	44.6
American Indian/ Alaska Native	15	222.9
Unknown	3460	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

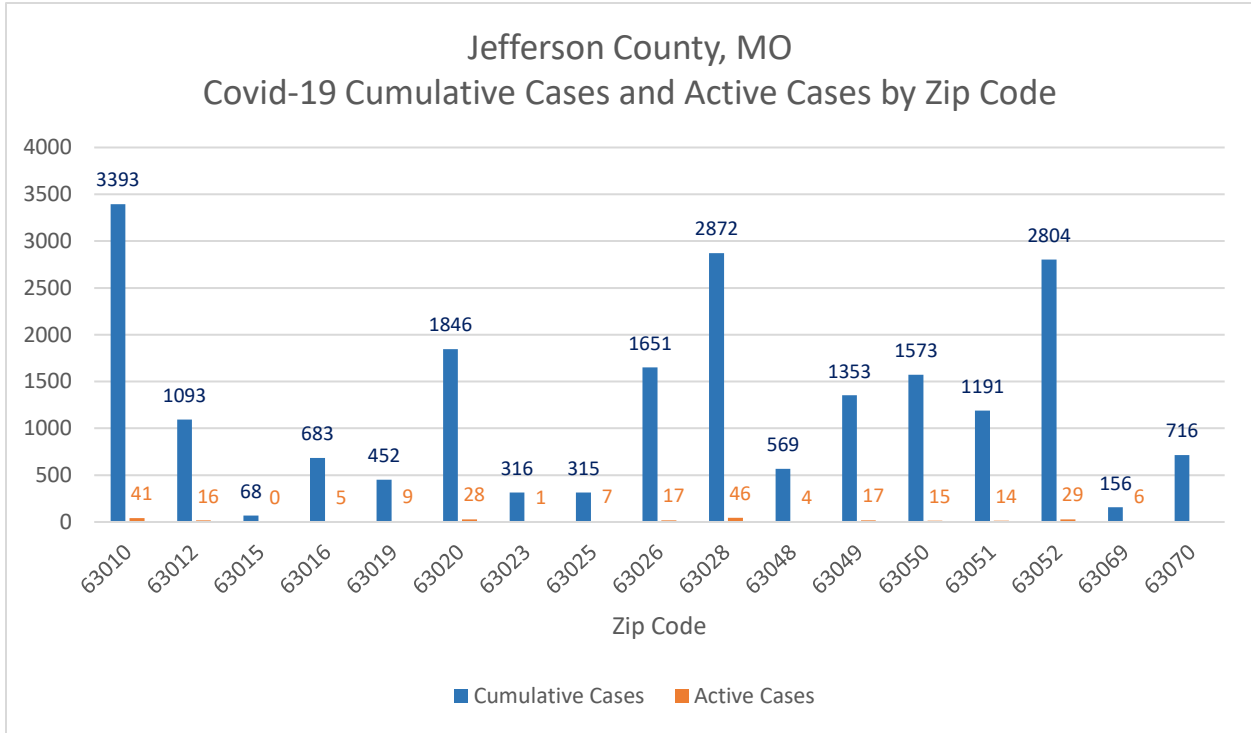
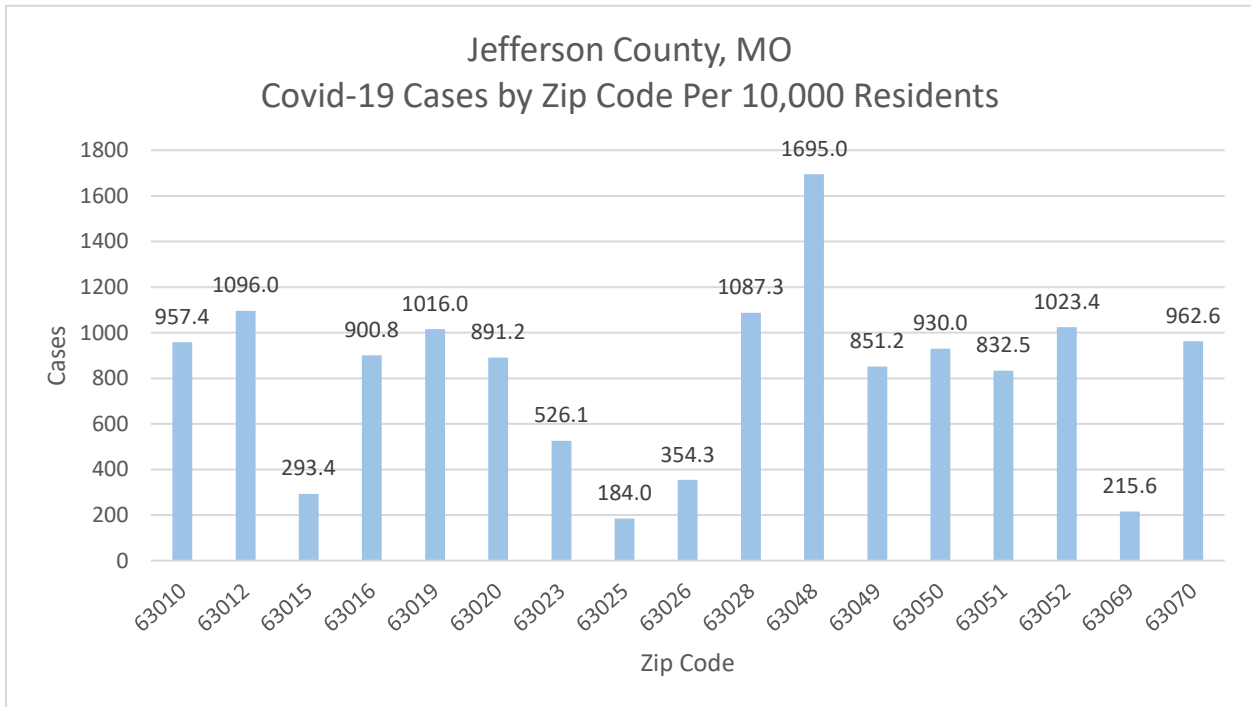


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

Jefferson County, Missouri
Weekly Community Based Covid-19 Surveillance Report
Excludes Long Term Care Facility Cases

Week 6: February 7- February 13

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

SUMMARY:

-This is a revised version of the Week 6 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
19	5/3/2020	15	203
20	5/10/2020	12	215
21	5/17/2020	10	225
22	5/24/2020	13	238
23	5/31/2020	29	267
24	6/7/2020	14	281
25	6/14/2020	33	314
26	6/21/2020	36	350
27	6/28/2020	44	394
28	7/5/2020	161	555
29	7/12/2020	176	731
30	7/19/2020	200	931
31	7/26/2020	259	1190
32	8/2/2020	306	1496
33	8/9/2020	288	1784
34	8/16/2020	291	2075
35	8/23/2020	349	2424
36	8/30/2020	407	2831
37	9/6/2020	354	3185
38	9/13/2020	470	3655
39	9/20/2020	414	4069
40	9/27/2020	332	4401
41	10/4/2020	285	4686
42	10/11/2020	319	5005
43	10/18/2020	350	5355
44	10/25/2020	634	5989
45	11/1/2020	981	6970
46	11/8/2020	1567	8537
47	11/15/2020	1329	9866
48	11/22/2020	1271	11137
49	11/29/2020	1215	12352
50	12/6/2020	1004	13356
51	12/13/2020	988	14344
52	12/20/2020	596	14940
53	12/27/2020	1033	15973
1	1/3/2021	1233	17206
2	1/10/2021	818	18024
3	1/17/2021	752	18776
4	1/24/2021	553	19329
5	1/31/2021	387	19716
6	2/7/2021	293	20009

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

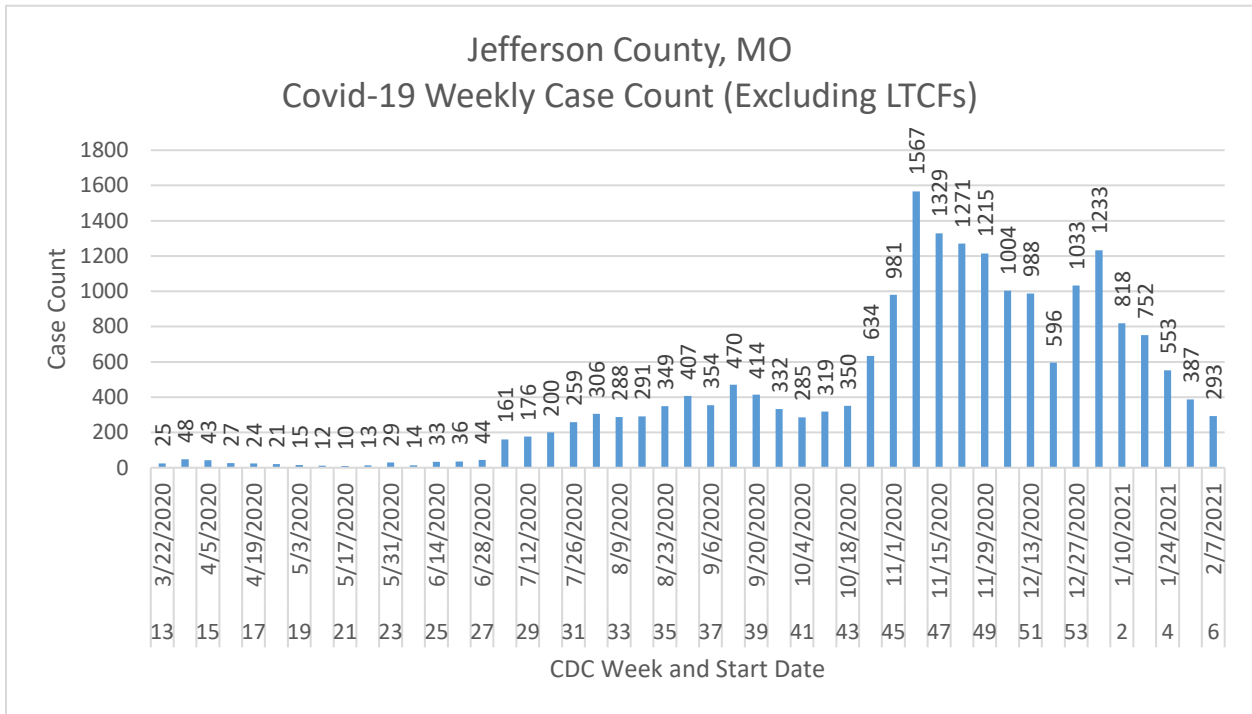


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

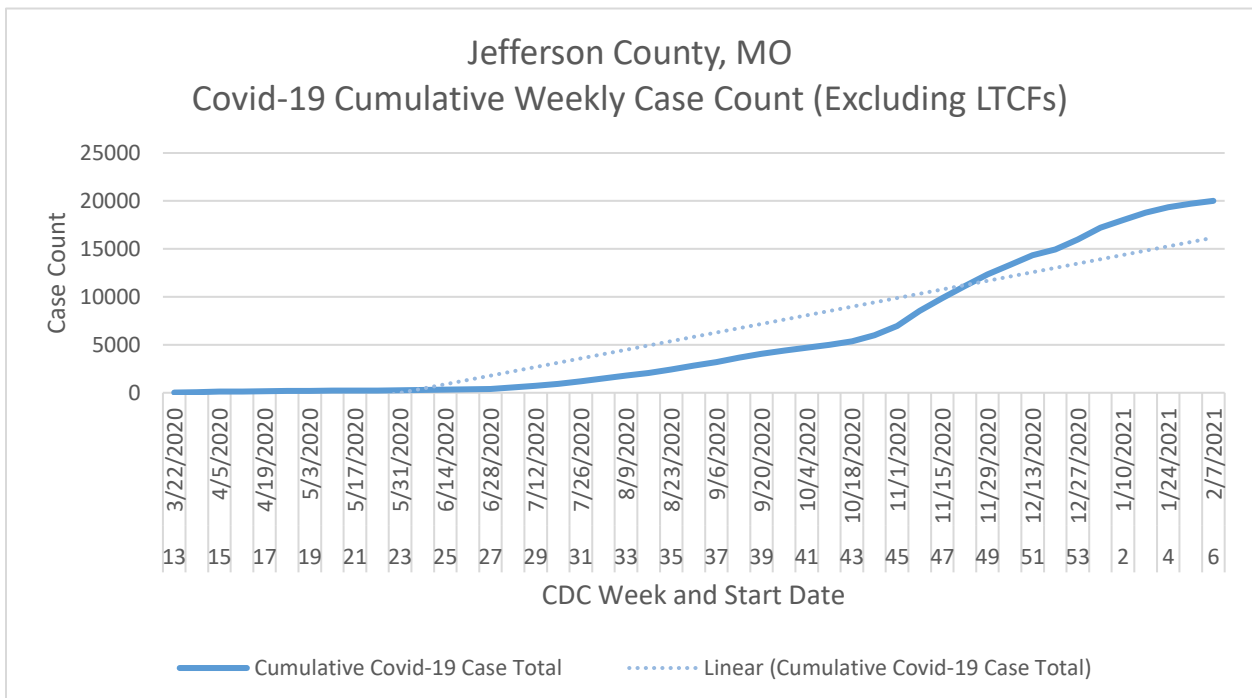


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

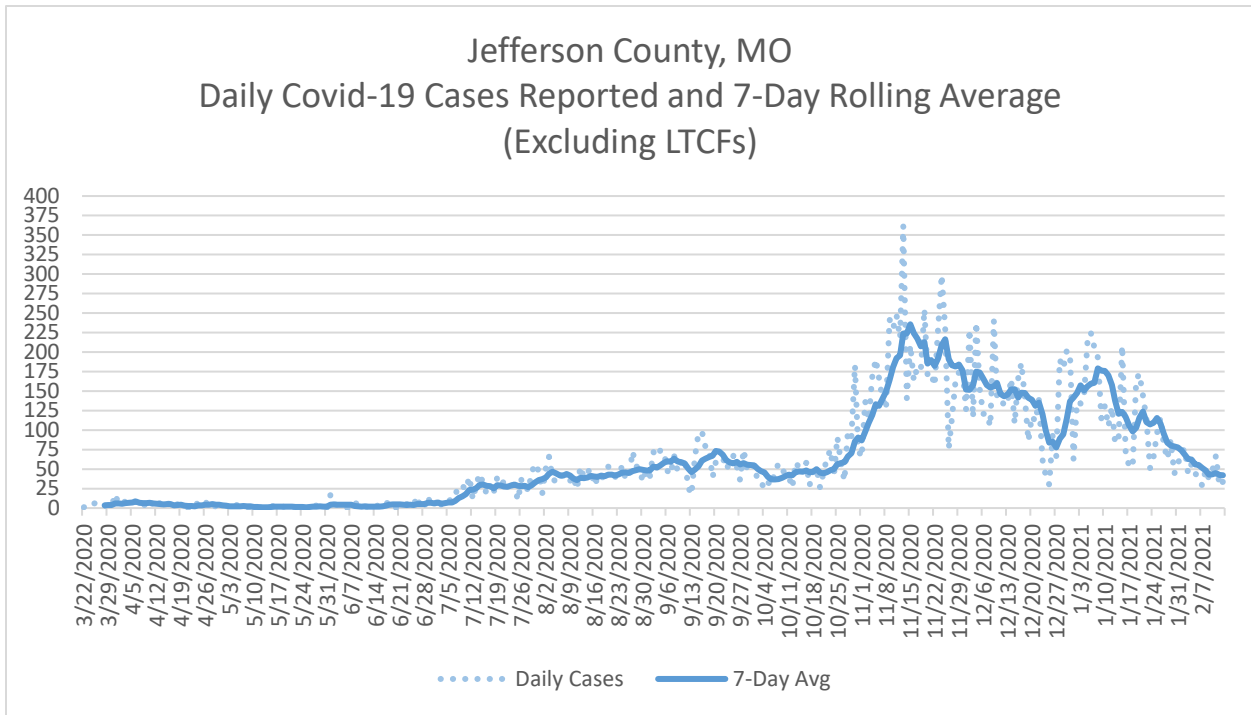


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

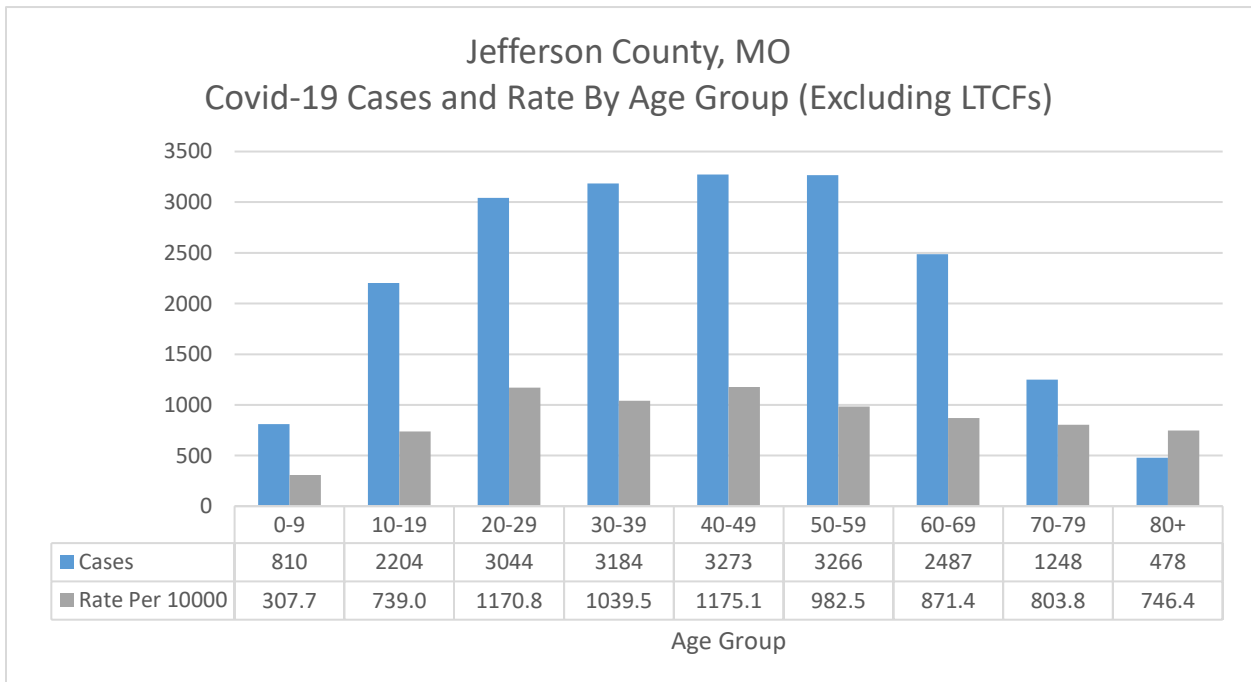


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

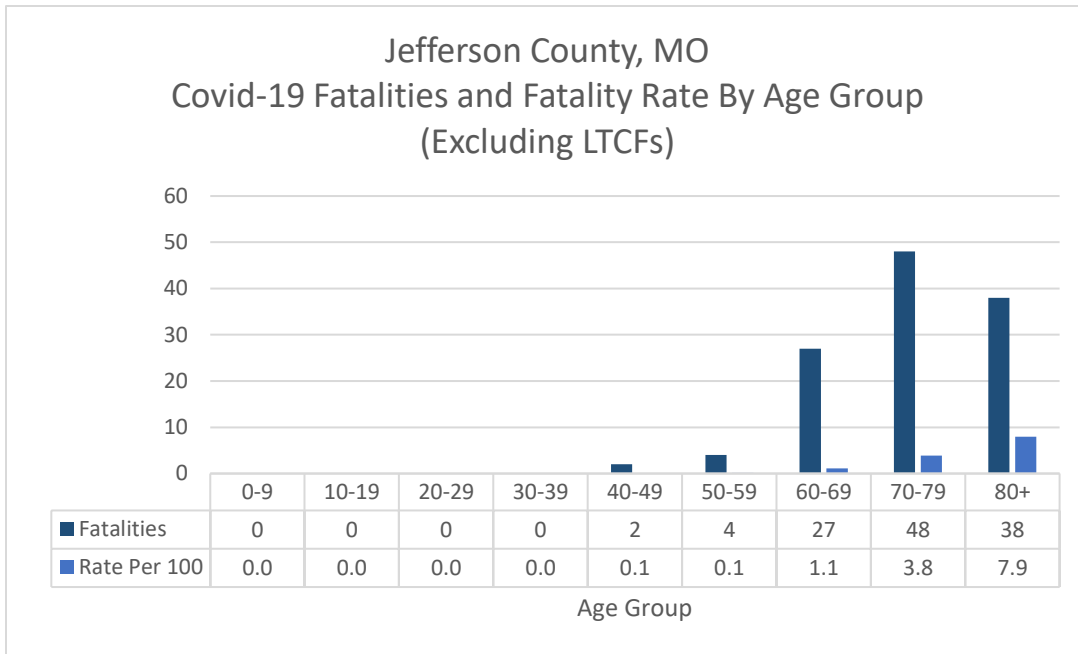


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)*

Jefferson County	.59%

*Missouri and United States data unavailable

Figure 6. Covid-19 Cases by Sex (Excluding LTCFs), Jefferson County, Missouri

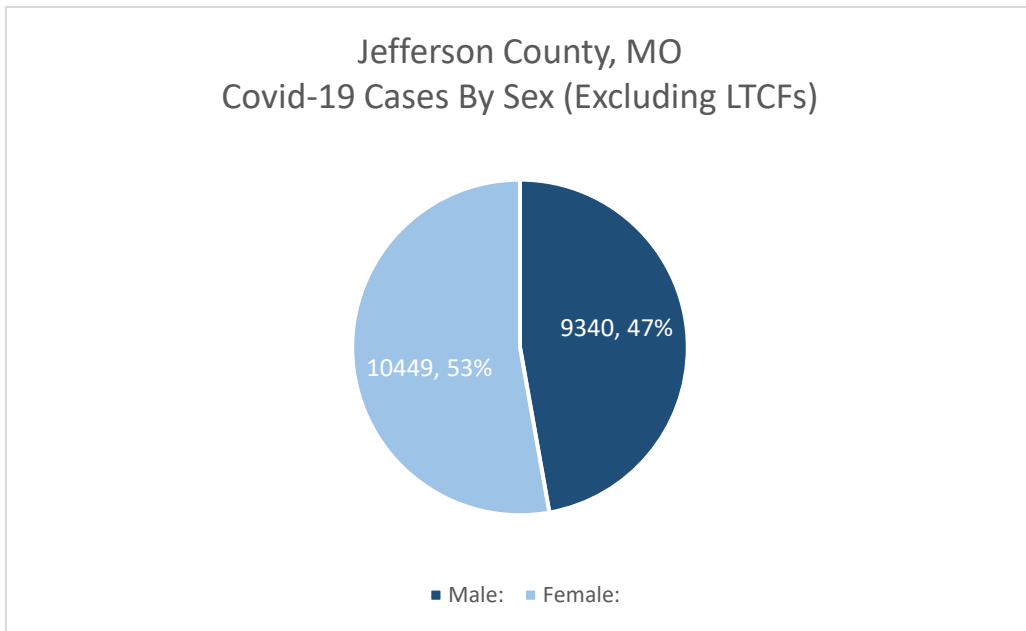


Figure 7. Covid-19 PCR Test Results by Week (Excluding LTCFs), Jefferson County, Missouri

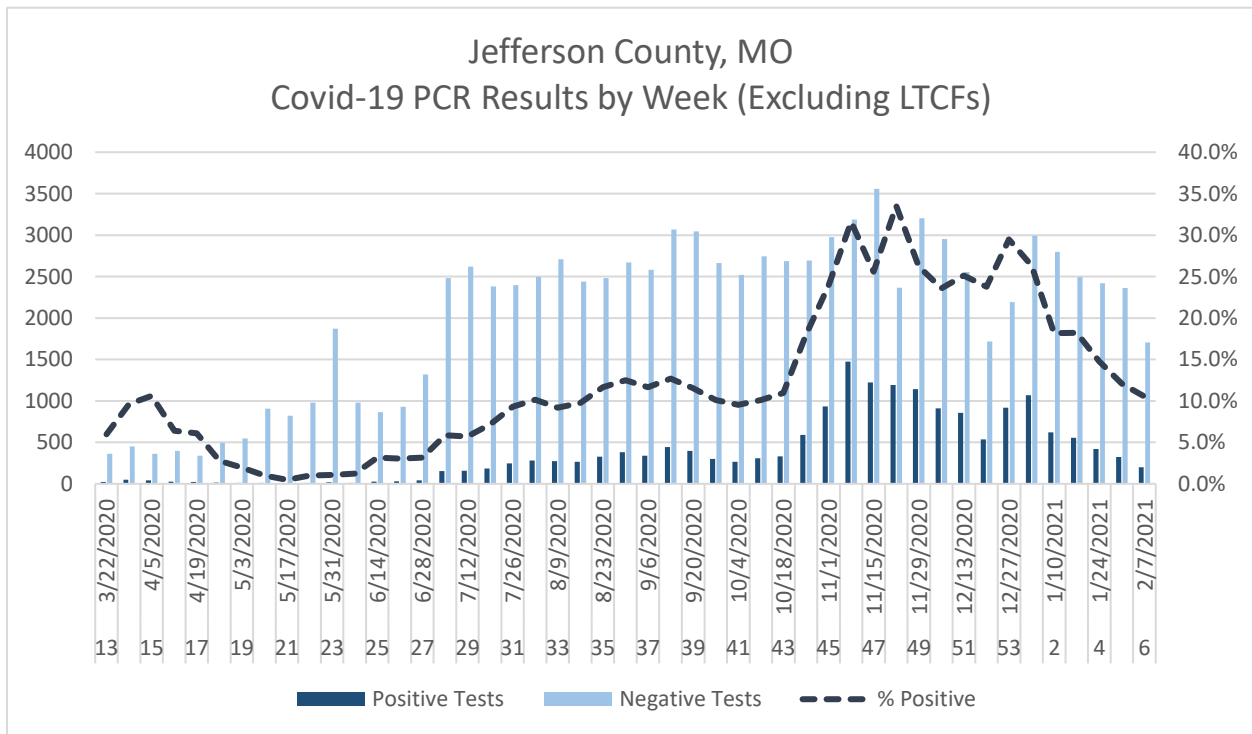


Table 3. Covid-19 PCR Test Results and Percent Positive by Week, Jefferson County (Excluding LTCFs), Missouri

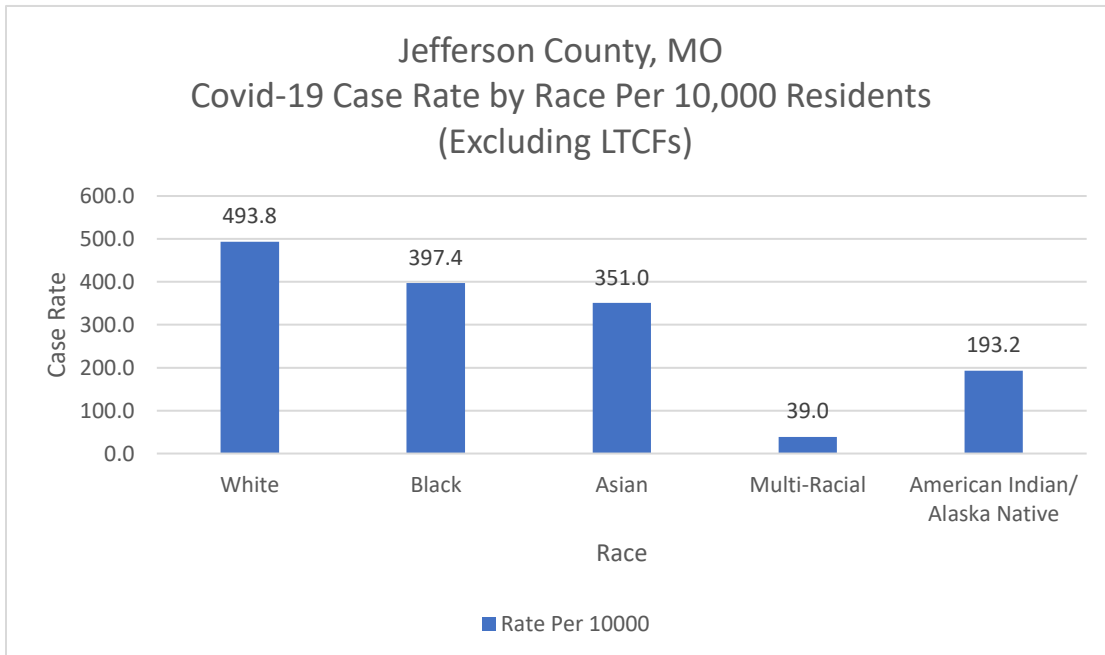
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
17	4/19/2020	22	340	362	6.1%
18	4/26/2020	14	493	507	2.8%
19	5/3/2020	11	549	560	2.0%
20	5/10/2020	9	907	916	1.0%
21	5/17/2020	4	823	827	0.5%
22	5/24/2020	10	981	991	1.0%
23	5/31/2020	20	1870	1890	1.1%
24	6/7/2020	12	981	993	1.2%
25	6/14/2020	28	862	890	3.1%
26	6/21/2020	29	928	957	3.0%
27	6/28/2020	43	1320	1363	3.2%
28	7/5/2020	155	2482	2637	5.9%
29	7/12/2020	159	2619	2778	5.7%
30	7/19/2020	184	2379	2563	7.2%
31	7/26/2020	245	2396	2641	9.3%
32	8/2/2020	282	2497	2779	10.1%
33	8/9/2020	273	2707	2980	9.2%
34	8/16/2020	264	2440	2704	9.8%
35	8/23/2020	327	2482	2809	11.6%
36	8/30/2020	382	2672	3054	12.5%
37	9/6/2020	340	2582	2922	11.6%
38	9/13/2020	445	3066	3511	12.7%
39	9/20/2020	397	3046	3443	11.5%
40	9/27/2020	299	2664	2963	10.1%
41	10/4/2020	265	2518	2783	9.5%
42	10/11/2020	308	2745	3053	10.1%
43	10/18/2020	330	2687	3017	10.9%
44	10/25/2020	590	2695	3285	18.0%
45	11/1/2020	933	2976	3909	23.9%
46	11/8/2020	1473	3188	4661	31.6%
47	11/15/2020	1224	3557	4781	25.6%
48	11/22/2020	1192	2364	3556	33.5%
49	11/29/2020	1140	3203	4343	26.2%
50	12/6/2020	911	2954	3865	23.6%
51	12/13/2020	857	2555	3412	25.1%
52	12/20/2020	535	1717	2252	23.8%
53	12/27/2020	916	2190	3106	29.5%
1	1/3/2021	1068	2992	4060	26.3%
2	1/10/2021	622	2798	3420	18.2%
3	1/17/2021	555	2494	3049	18.2%
4	1/24/2021	419	2418	2837	14.8%
5	1/31/2021	324	2362	2686	12.1%
6	2/7/2021	201	1705	1906	10.5%

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

Race	Cases	Rate Per 10000
White	10646	493.8
Black	107	397.4
Asian	63	351.0
Multi-Racial	14	39.0
American Indian/ Alaska Native	13	193.2
Unknown	3383	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 (Excluding LTCFs), Missouri*



*Case Rates calculated excluding unknown and missing race data.

Figure 9. Covid-19 Cases by Zip Code, Jefferson County (Excluding LTCFs), Missouri

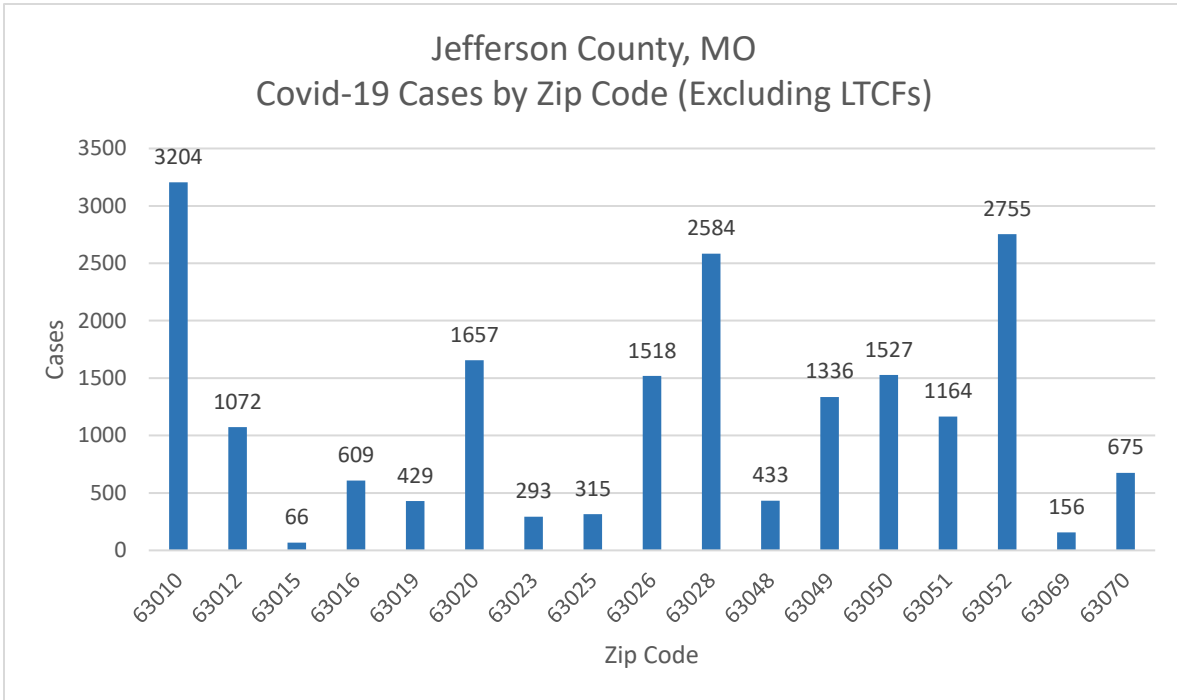
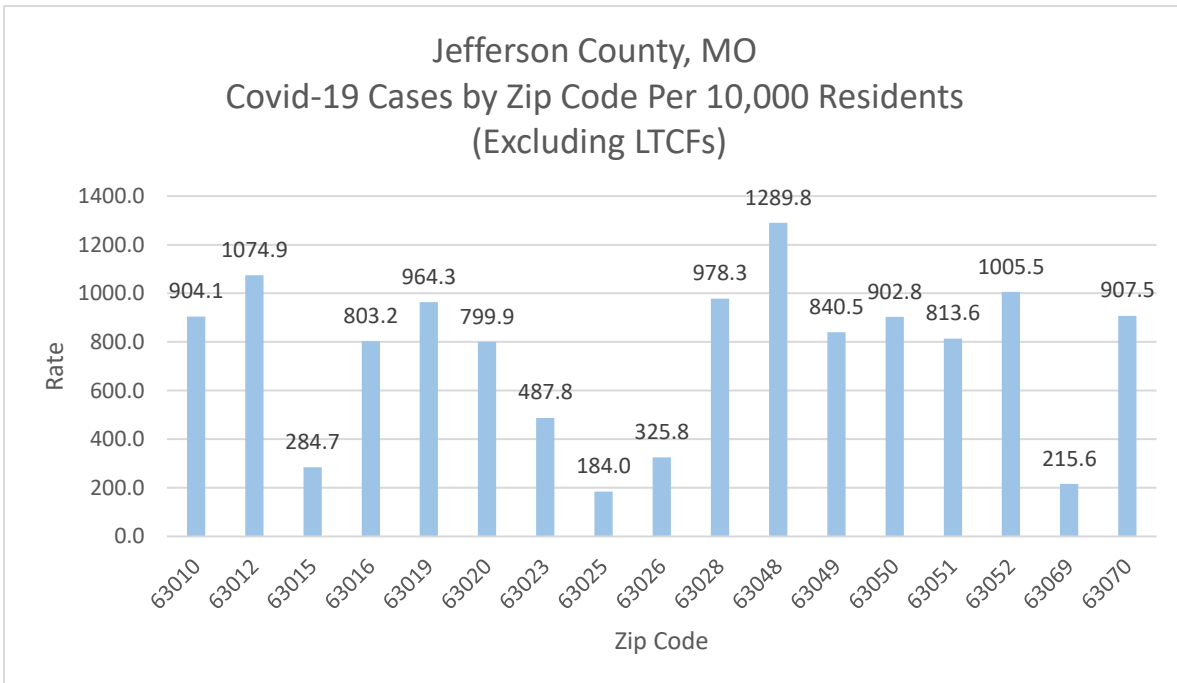


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

Week 6: February 7- February 13

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

SUMMARY:

- During Week 6 a total of 52 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3050 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
20	5/10/2020	0	3
21	5/17/2020	0	3
22	5/24/2020	0	3
23	5/31/2020	1	4
24	6/7/2020	1	5
25	6/14/2020	5	10
26	6/21/2020	3	13
27	6/28/2020	5	18
28	7/5/2020	25	43
29	7/12/2020	22	65
30	7/19/2020	31	96
31	7/26/2020	37	133
32	8/2/2020	35	168
33	8/9/2020	37	205
34	8/16/2020	48	253
35	8/23/2020	59	312
36	8/30/2020	64	376
37	9/6/2020	61	437
38	9/13/2020	91	528
39	9/20/2020	67	595
40	9/27/2020	52	647
41	10/4/2020	31	678
42	10/11/2020	41	719
43	10/18/2020	46	765
44	10/25/2020	95	860
45	11/1/2020	159	1019
46	11/8/2020	243	1262
47	11/15/2020	204	1466
48	11/22/2020	158	1624
49	11/29/2020	177	1801
50	12/6/2020	160	1961
51	12/13/2020	158	2119
52	12/20/2020	91	2210
53	12/27/2020	140	2350
1	1/3/2021	218	2568
2	1/10/2021	144	2712
3	1/17/2021	108	2820
4	1/24/2021	83	2903
5	1/31/2021	95	2998
6	2/7/2021	52	3050

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

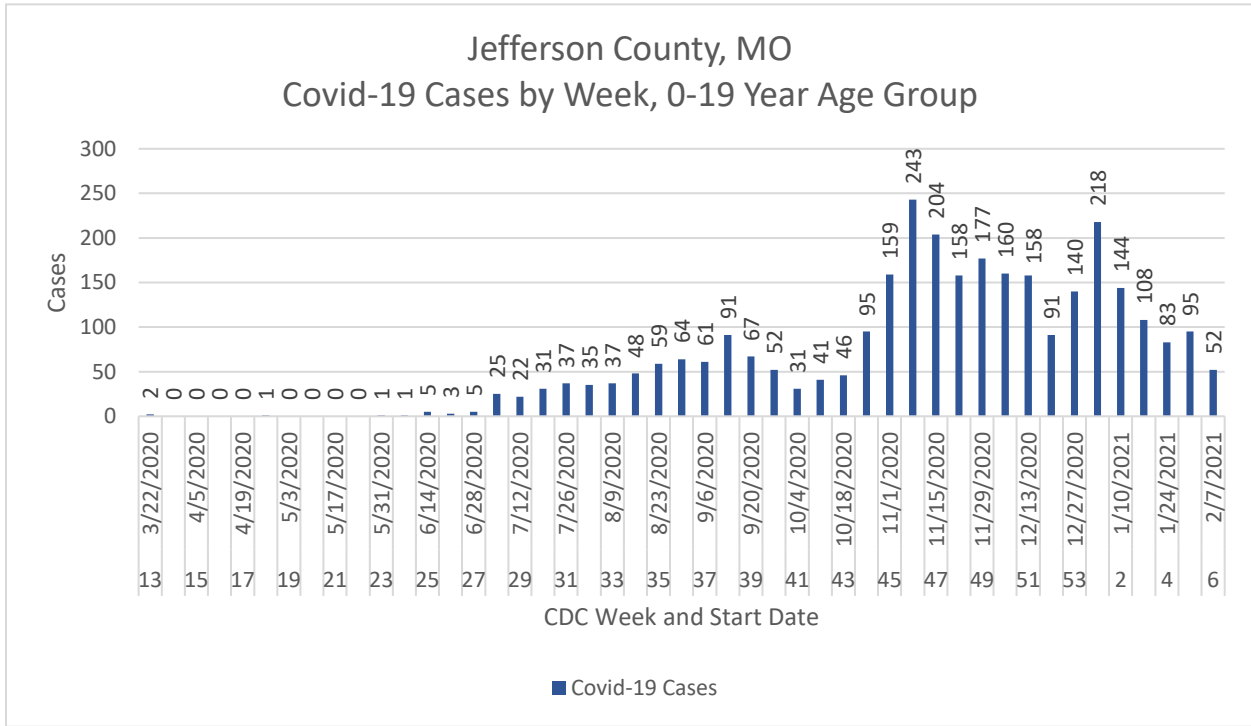


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	810	3.80%
10-19	2240	10.52%
20+	18223	85.60%

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

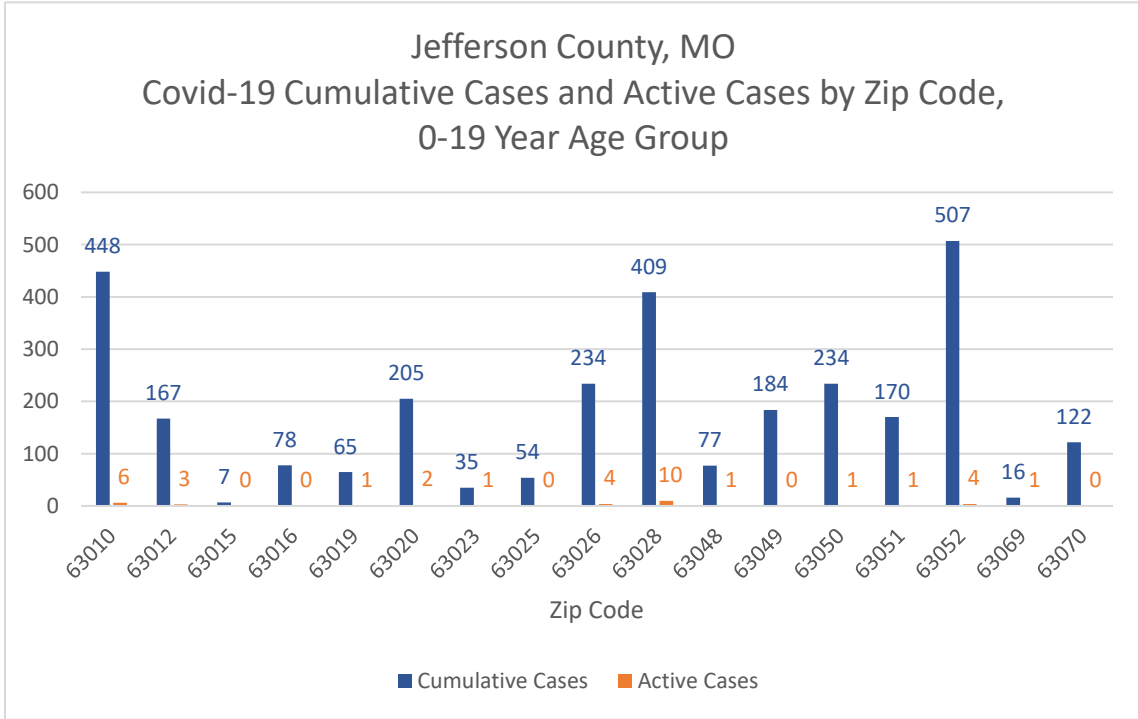


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

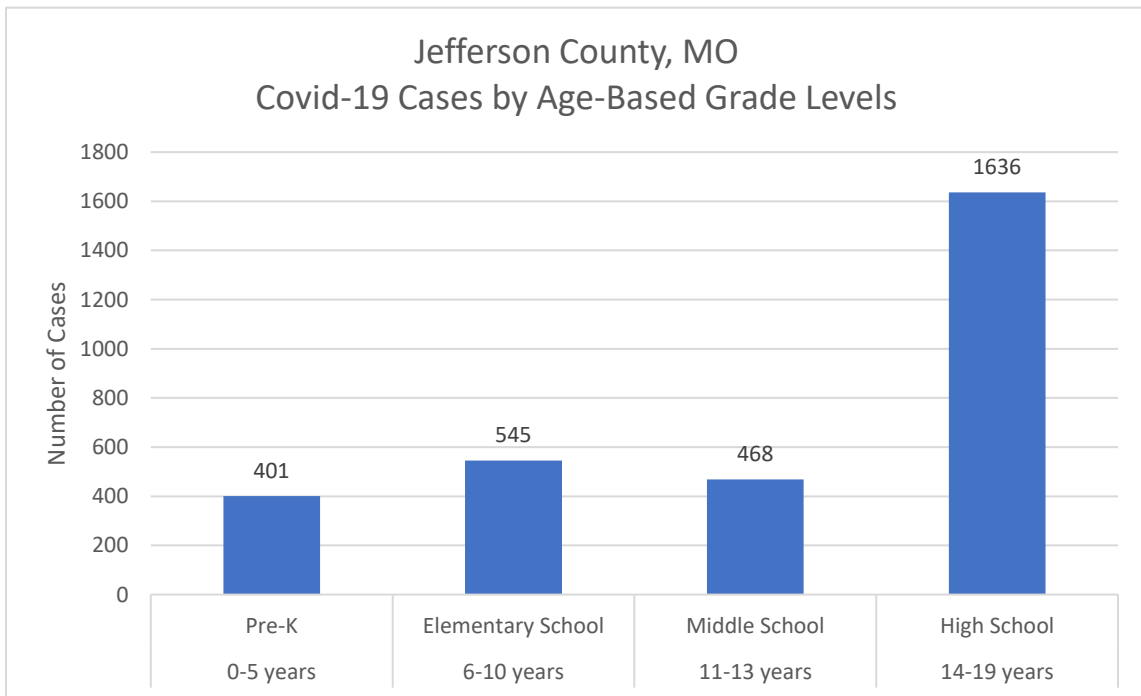


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

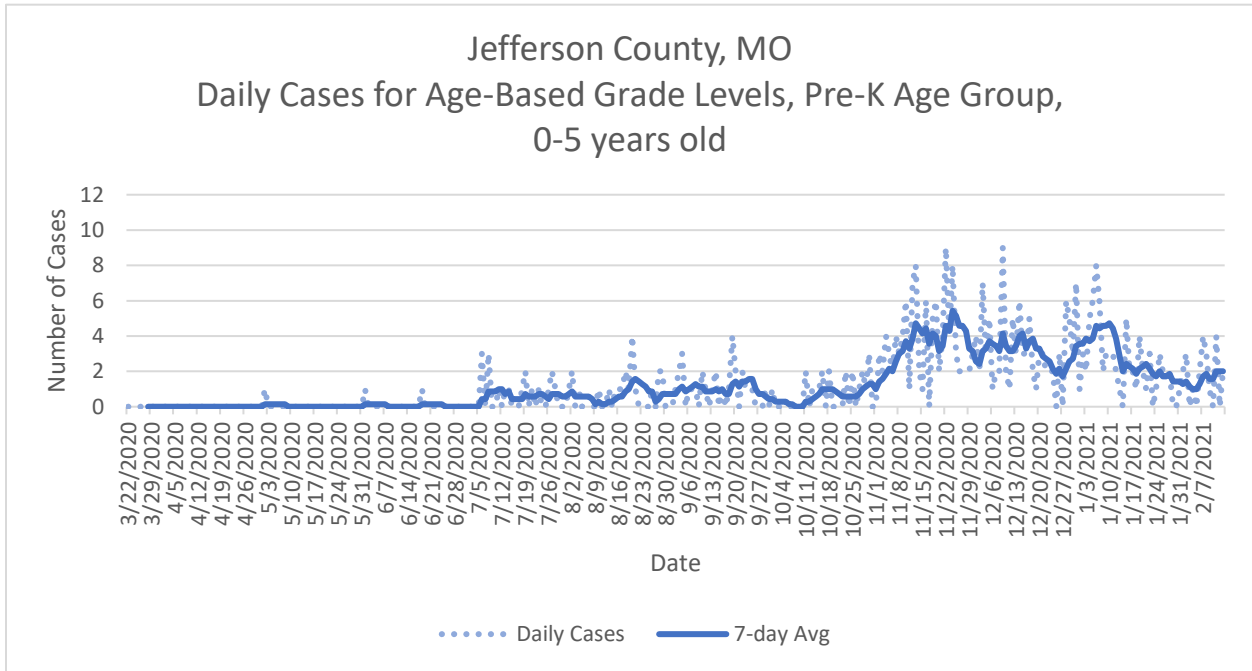


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

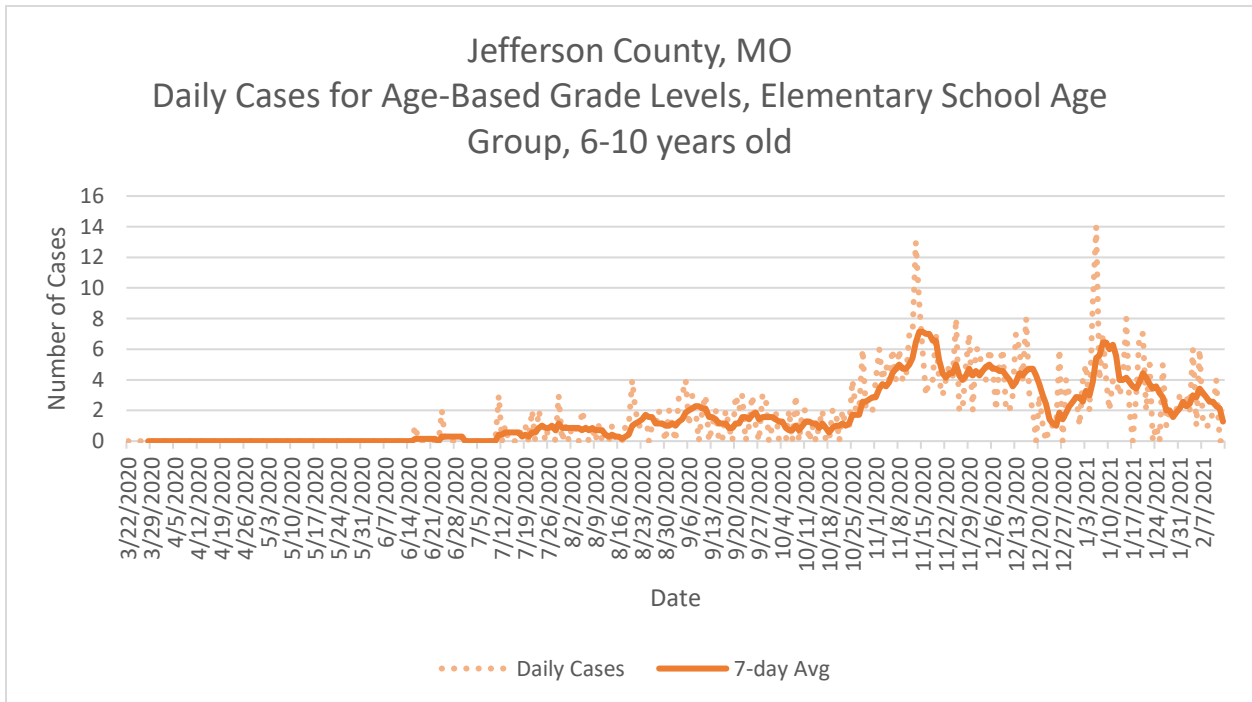


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

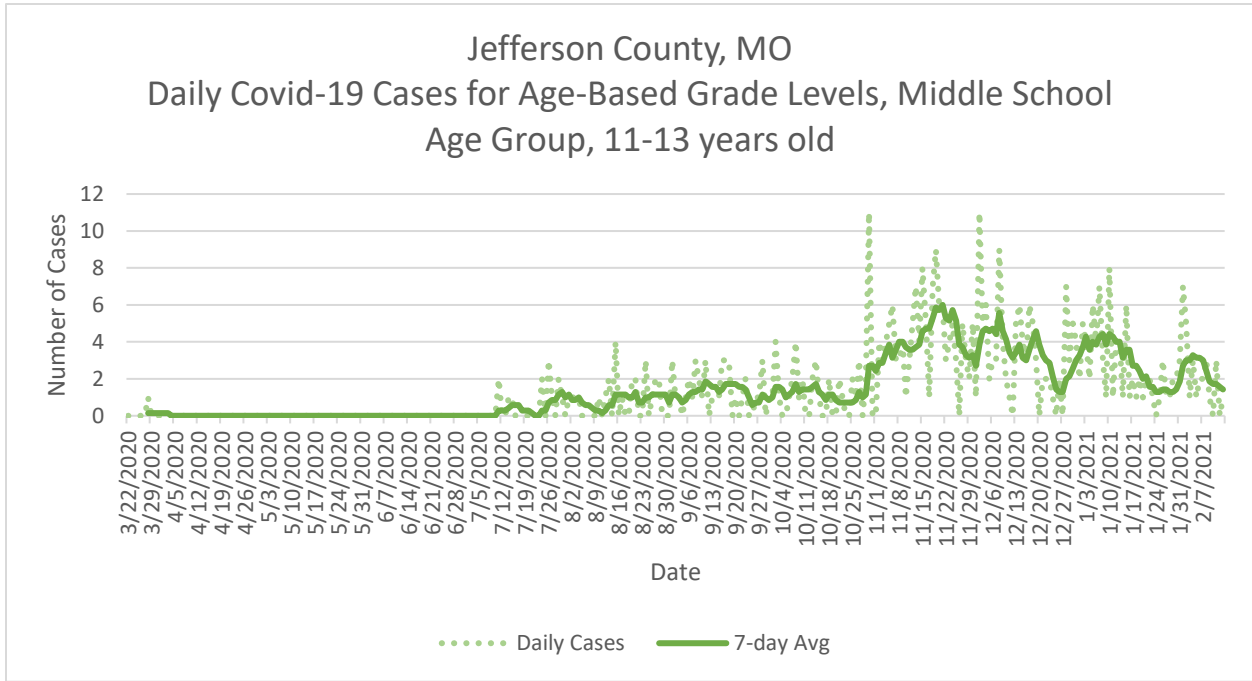


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

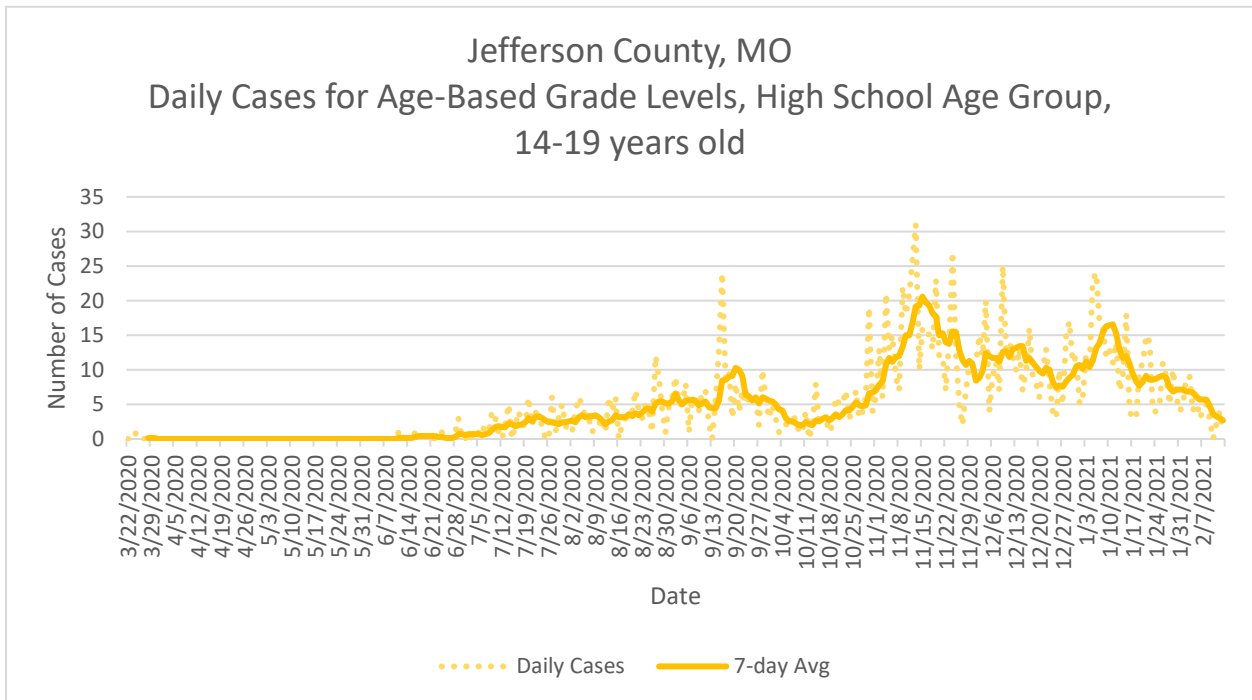


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

