



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 7: February 14- February 20**

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

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**SUMMARY:**

- During Week 7 a total of 183 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 21461 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 7.
- Two hundred four Covid-19 associated deaths have been reported in Jefferson County as of Week 7.
- 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
20	5/10/2020	24	336
21	5/17/2020	14	350
22	5/24/2020	18	368
23	5/31/2020	55	423
24	6/7/2020	16	439
25	6/14/2020	35	474
26	6/21/2020	62	536
27	6/28/2020	45	581
28	7/5/2020	166	747
29	7/12/2020	180	927
30	7/19/2020	254	1181
31	7/26/2020	310	1491
32	8/2/2020	327	1818
33	8/9/2020	329	2147
34	8/16/2020	321	2468
35	8/23/2020	407	2875
36	8/30/2020	433	3308
37	9/6/2020	374	3682
38	9/13/2020	492	4174
39	9/20/2020	442	4616
40	9/27/2020	352	4968
41	10/4/2020	307	5275
42	10/11/2020	338	5613
43	10/18/2020	365	5978
44	10/25/2020	663	6641
45	11/1/2020	1015	7656
46	11/8/2020	1629	9285
47	11/15/2020	1373	10658
48	11/22/2020	1328	11986
49	11/29/2020	1284	13270
50	12/6/2020	1074	14344
51	12/13/2020	1029	15373
52	12/20/2020	610	15983
53	12/27/2020	1068	17051
1	1/3/2021	1304	18355
2	1/10/2021	851	19206
3	1/17/2021	813	20019
4	1/24/2021	568	20587
5	1/31/2021	393	20980
6	2/7/2021	298	21278
7	2/14/2021	183	21461

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

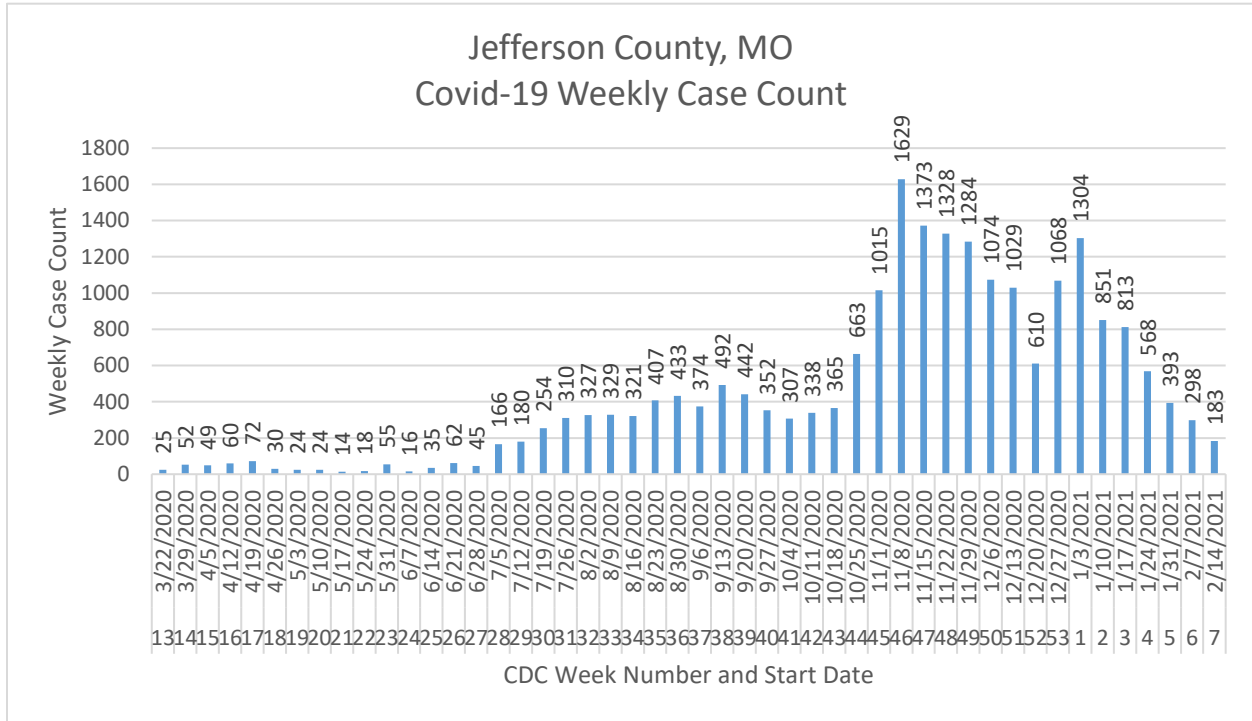


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

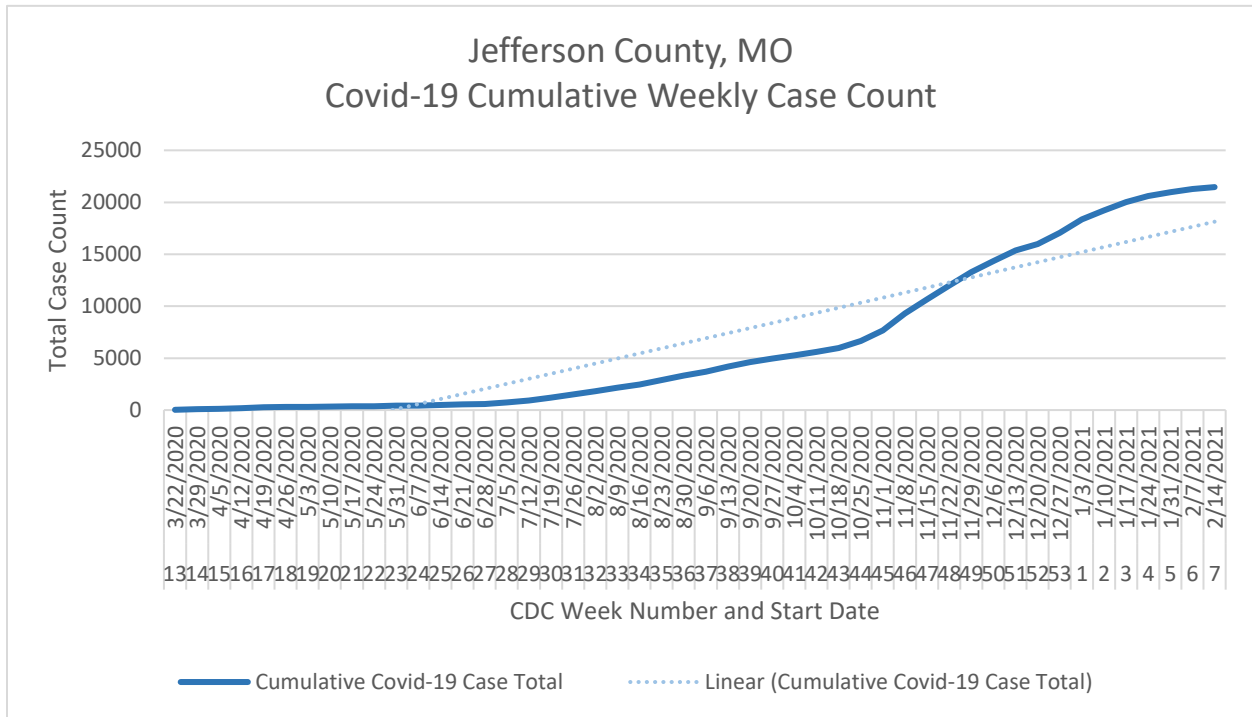


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

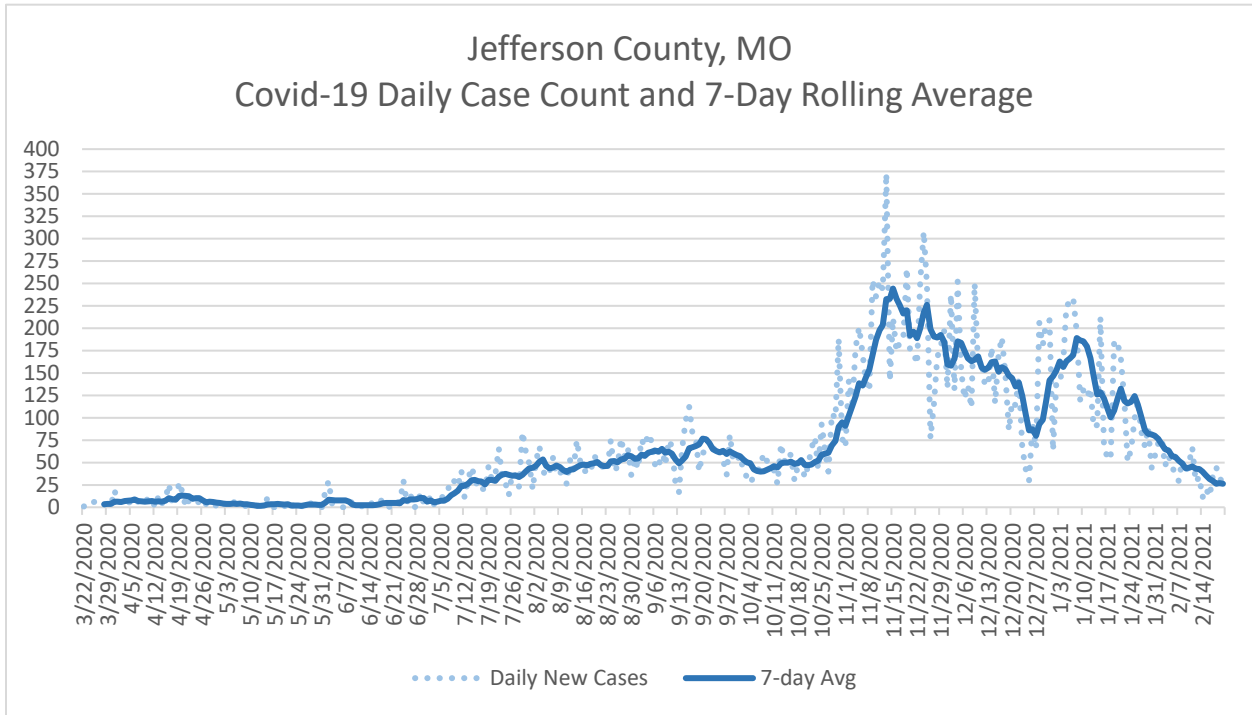


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

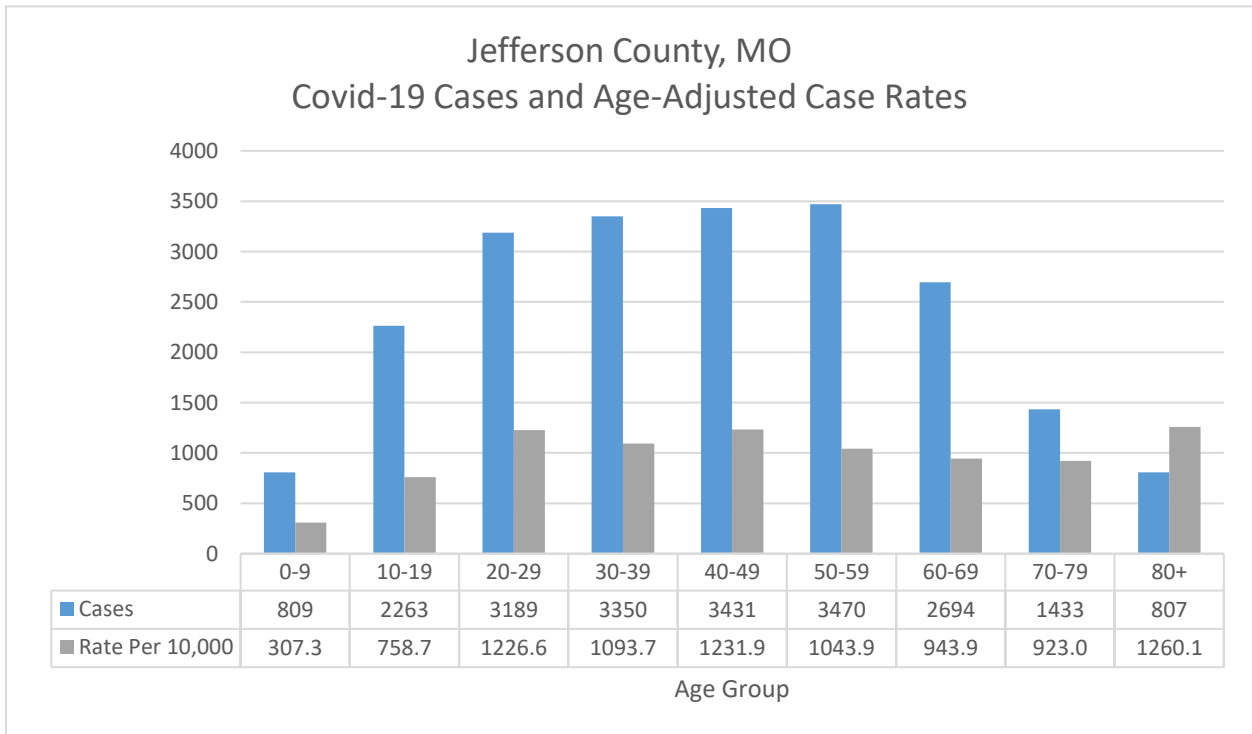


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

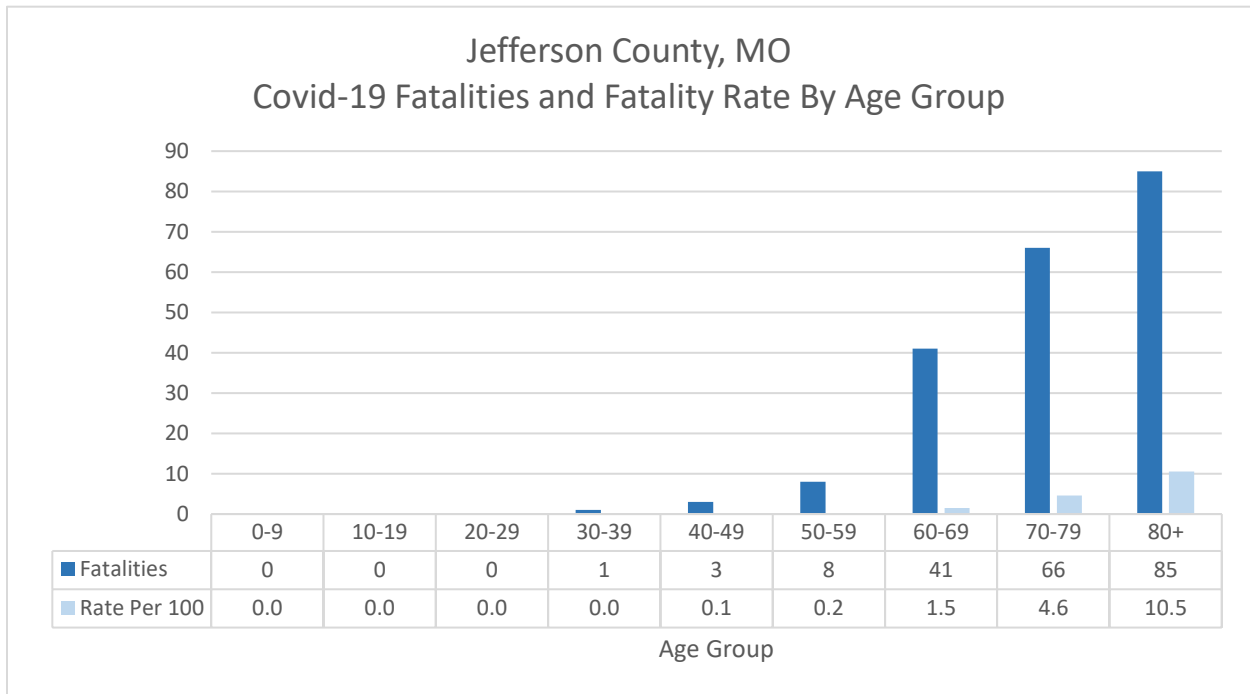


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.95%
Missouri	1.62%
US	1.78%

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

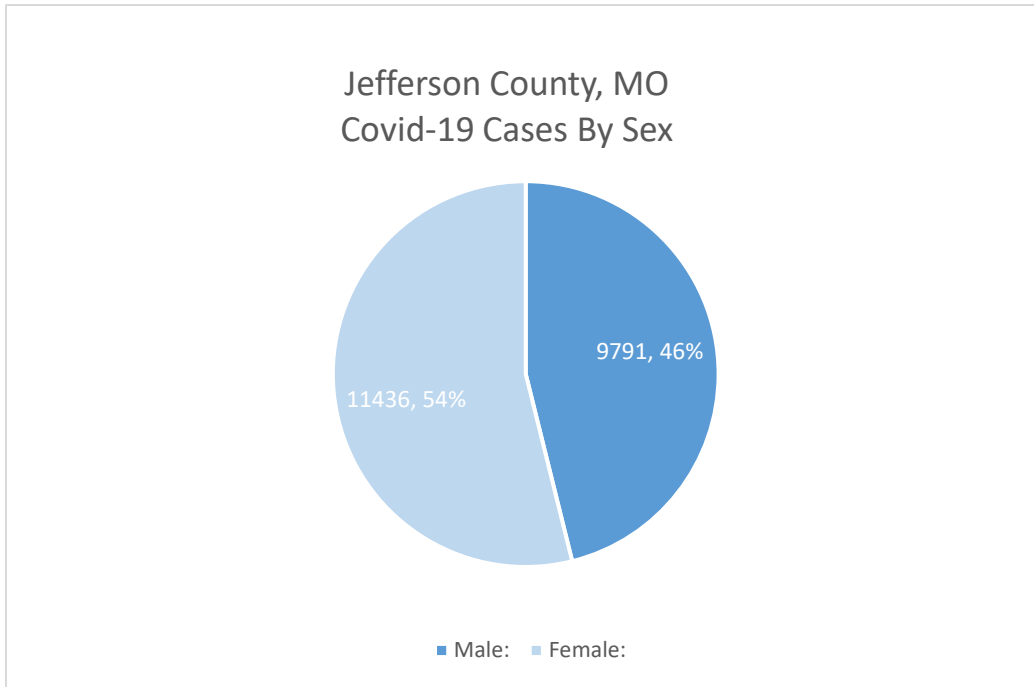


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

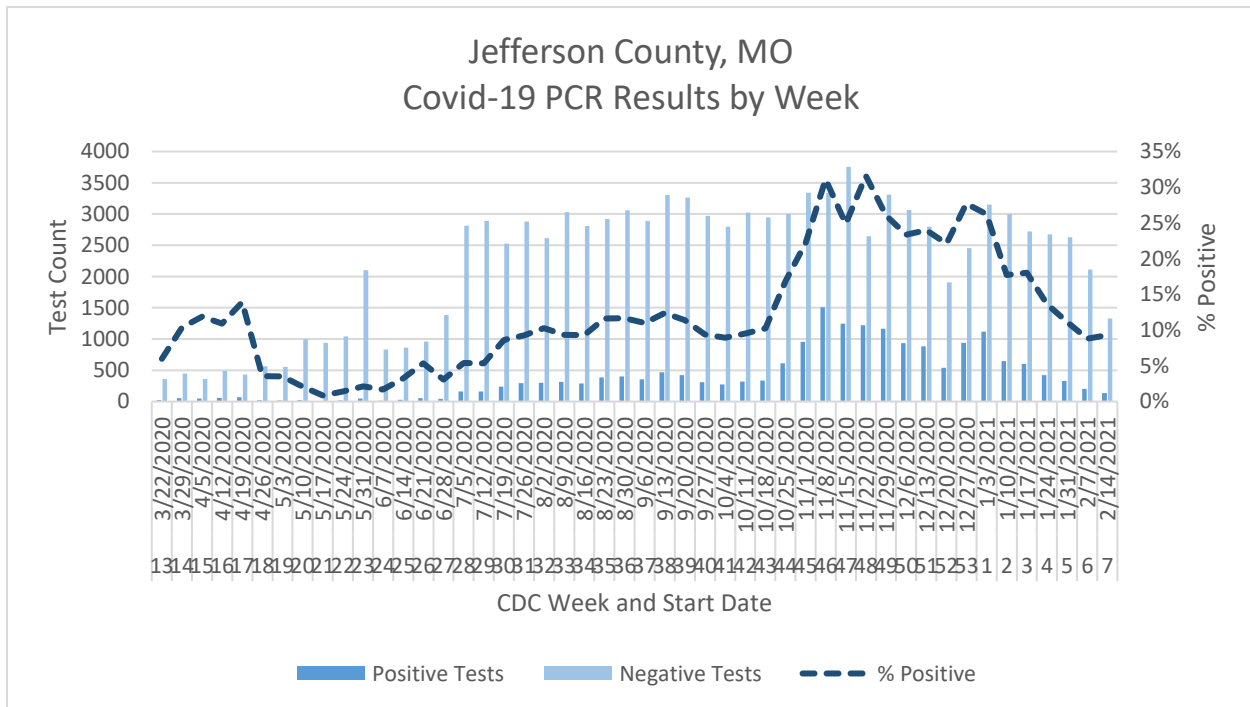


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

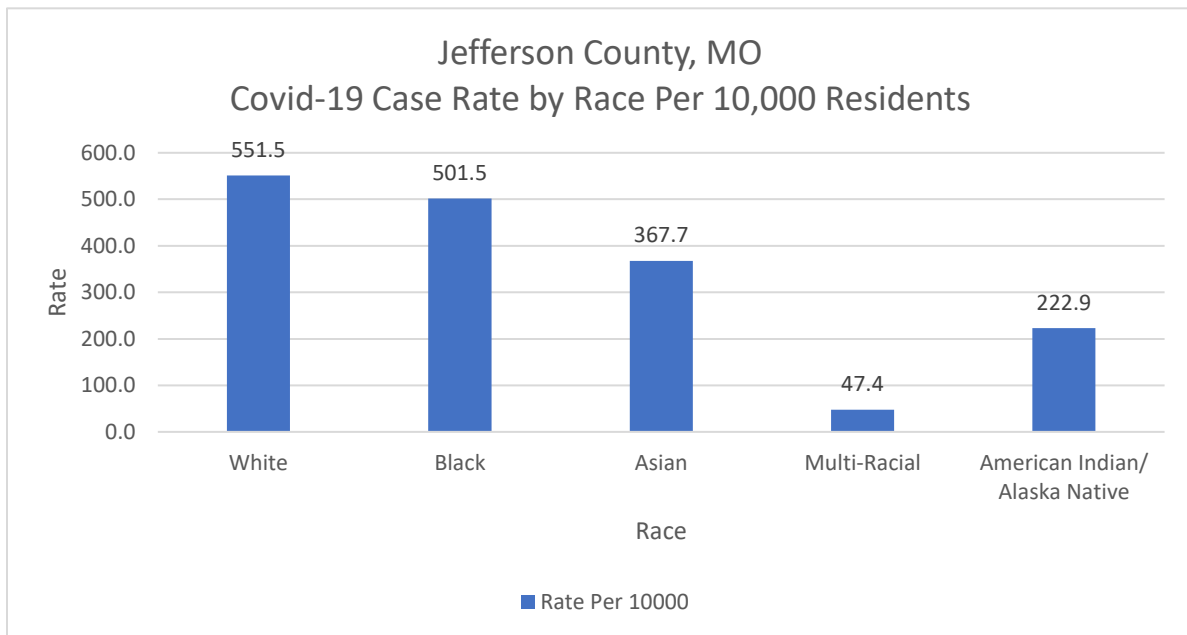
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
18	4/26/2020	21	566	587	3.6%
19	5/3/2020	20	553	573	3.5%
20	5/10/2020	21	997	1018	2.1%
21	5/17/2020	8	938	946	0.8%
22	5/24/2020	15	1040	1055	1.4%
23	5/31/2020	46	2099	2145	2.1%
24	6/7/2020	14	829	843	1.7%
25	6/14/2020	29	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	403	3057	3460	11.6%
37	9/6/2020	357	2889	3246	11.0%
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	1119	3151	4270	26.2%
2	1/10/2021	645	2999	3644	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	2630	2959	11.1%
6	2/7/2021	204	2114	2318	8.8%
7	2/14/2021	136	1330	1466	9.3%

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

Race	Cases	Rate Per 10000
White	11891	551.5
Black	135	501.5
Asian	66	367.7
Multi-Racial	17	47.4
American Indian/ Alaska Native	15	222.9
Unknown	3495	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

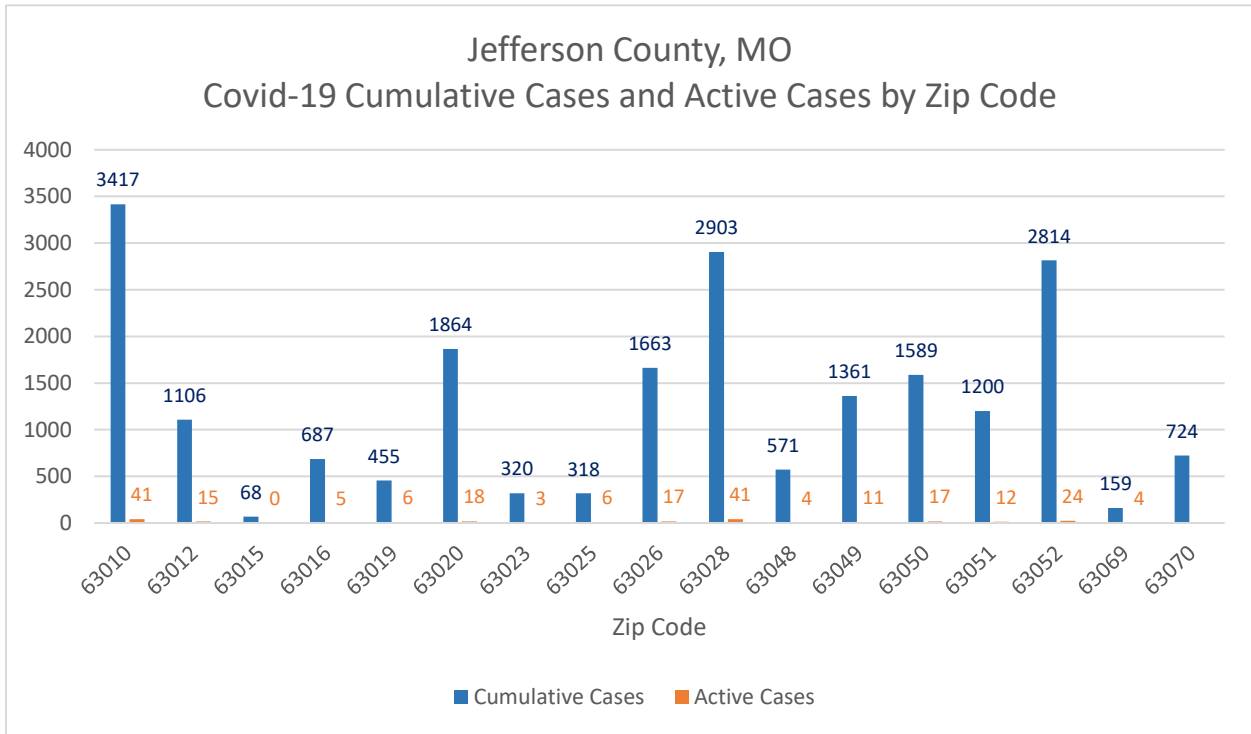
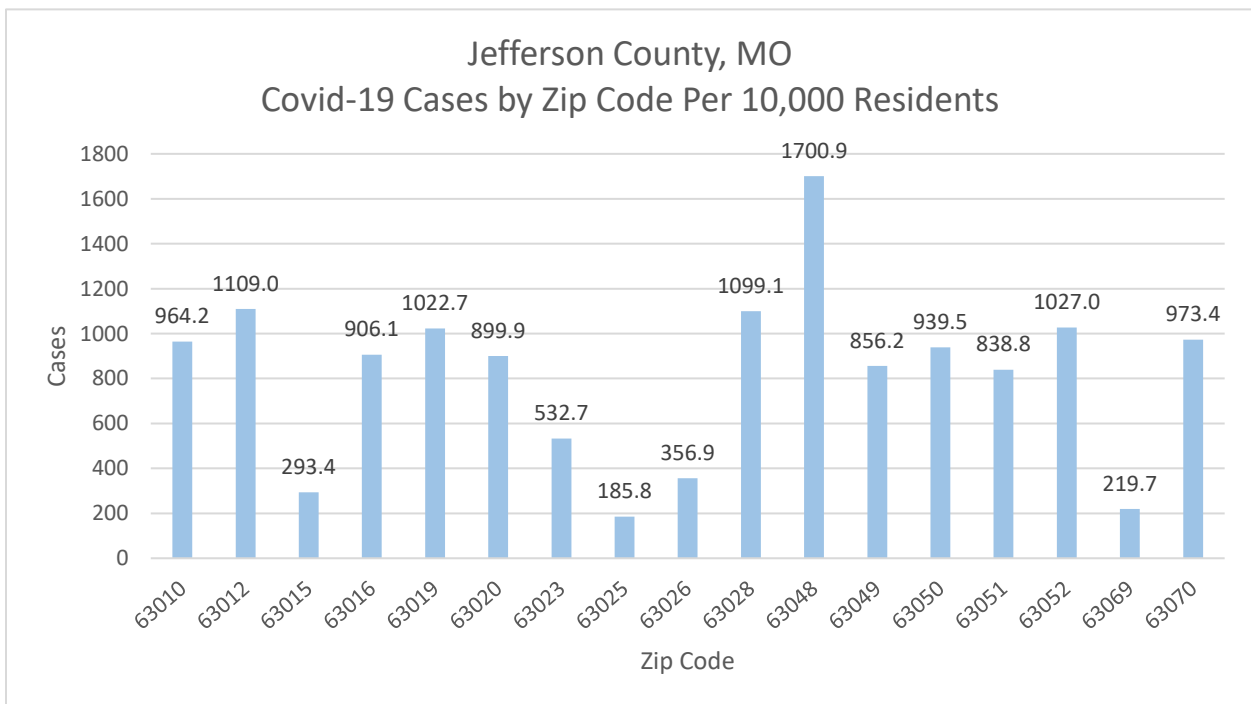


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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 7: February 14- February 20**

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

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**SUMMARY:**

-This is a revised version of the Week 7 Covid-19 report excluding cases associated with LTCFs (Long Term Care Facilities).

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**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
20	5/10/2020	12	214
21	5/17/2020	10	224
22	5/24/2020	13	237
23	5/31/2020	29	266
24	6/7/2020	14	280
25	6/14/2020	33	313
26	6/21/2020	36	349
27	6/28/2020	44	393
28	7/5/2020	161	554
29	7/12/2020	176	730
30	7/19/2020	200	930
31	7/26/2020	259	1189
32	8/2/2020	306	1495
33	8/9/2020	288	1783
34	8/16/2020	291	2074
35	8/23/2020	349	2423
36	8/30/2020	406	2829
37	9/6/2020	345	3174
38	9/13/2020	470	3644
39	9/20/2020	414	4058
40	9/27/2020	332	4390
41	10/4/2020	285	4675
42	10/11/2020	319	4994
43	10/18/2020	350	5344
44	10/25/2020	634	5978
45	11/1/2020	981	6959
46	11/8/2020	1567	8526
47	11/15/2020	1329	9855
48	11/22/2020	1271	11126
49	11/29/2020	1215	12341
50	12/6/2020	1004	13345
51	12/13/2020	988	14333
52	12/20/2020	596	14929
53	12/27/2020	1033	15962
1	1/3/2021	1234	17196
2	1/10/2021	817	18013
3	1/17/2021	752	18765
4	1/24/2021	553	19318
5	1/31/2021	387	19705
6	2/7/2021	293	19998
7	2/14/2021	179	20177

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

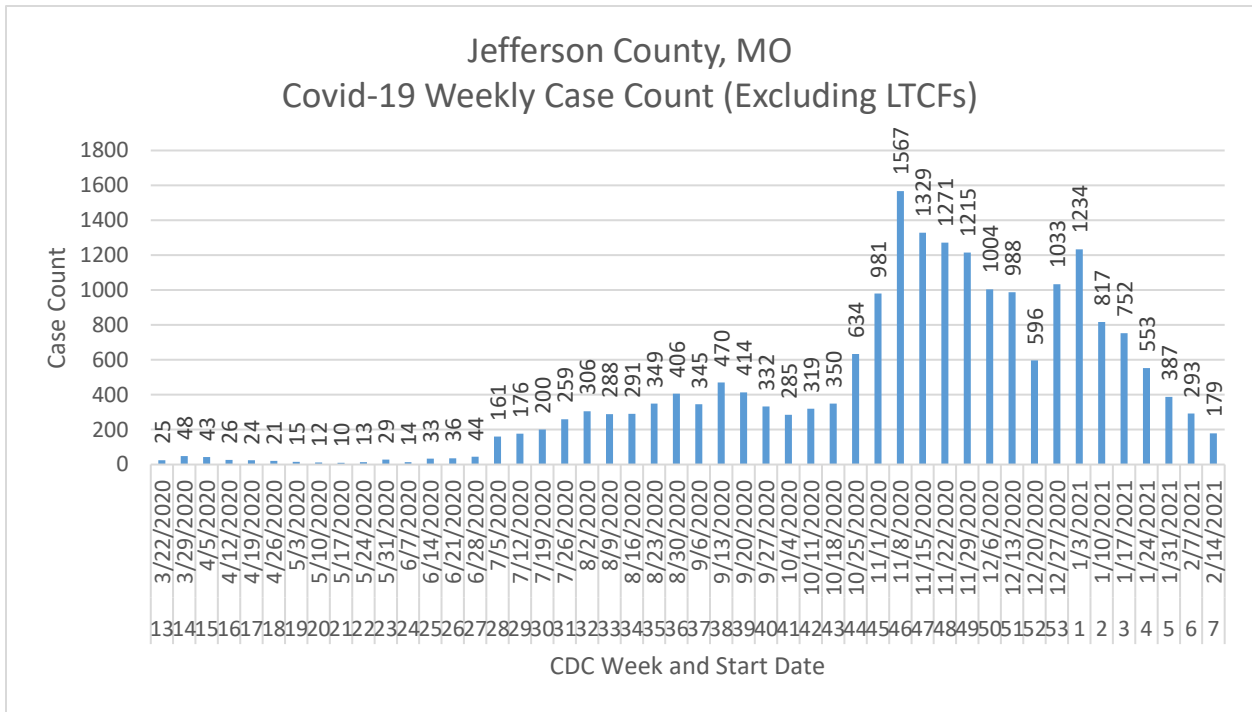


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

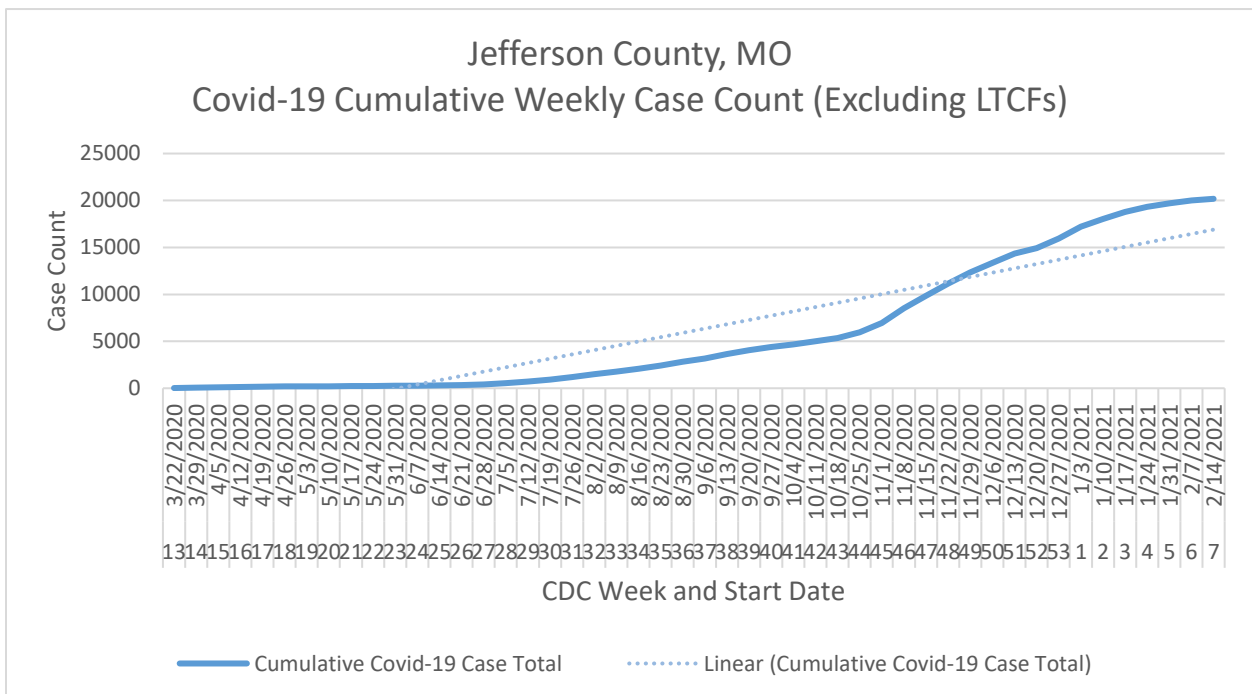


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

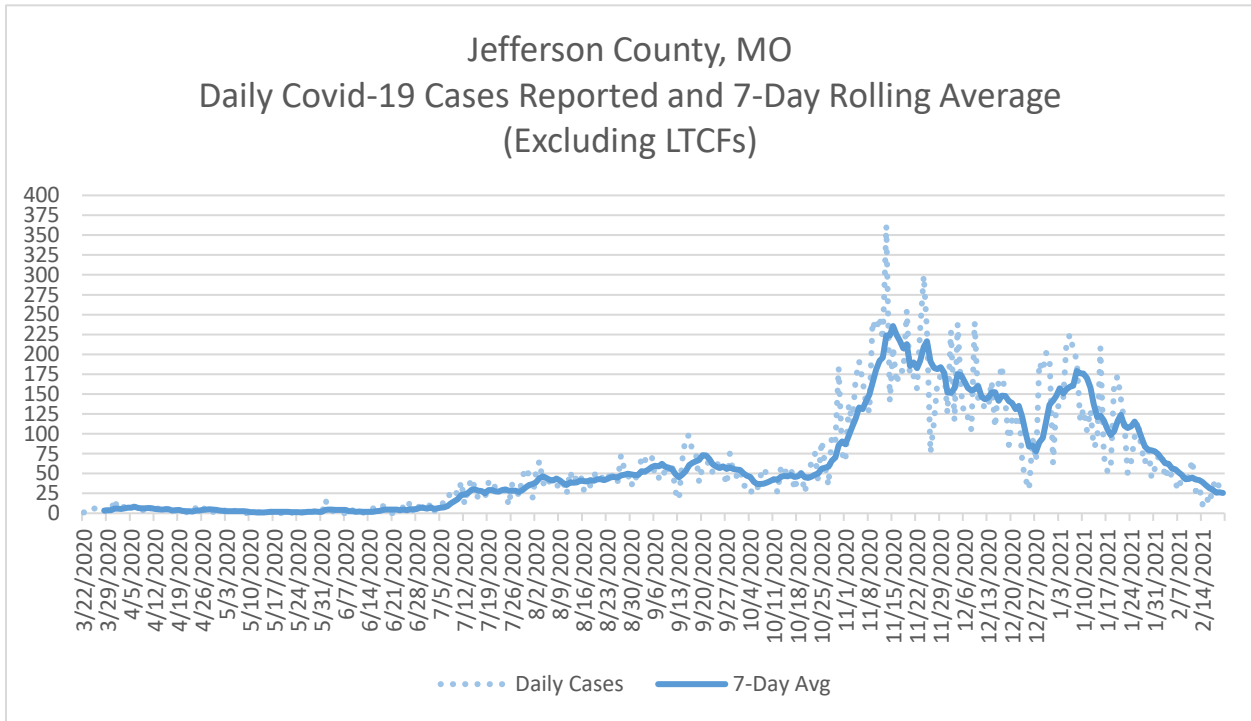


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

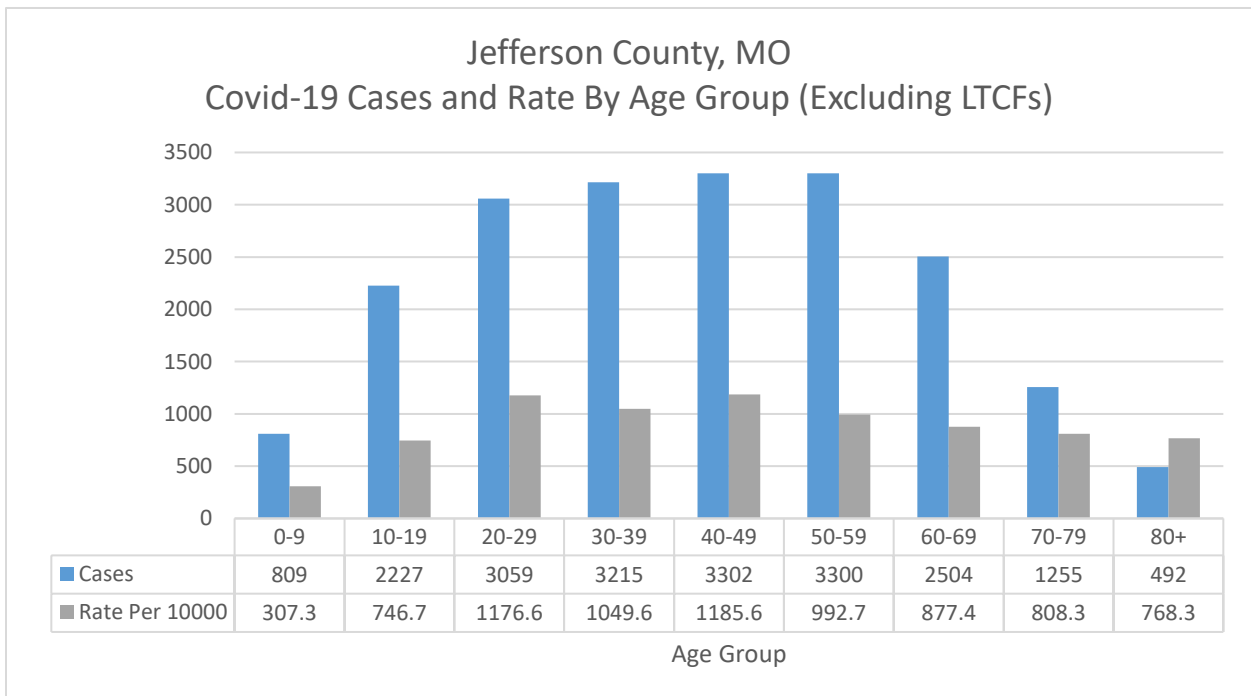


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

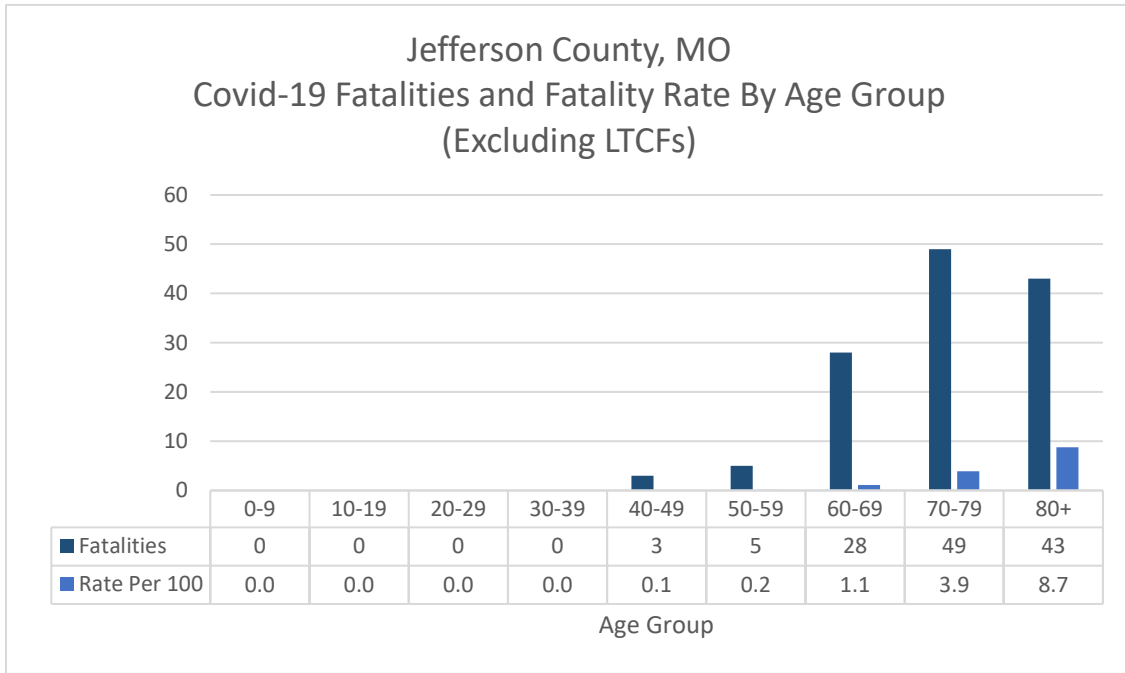


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)\*

<b>Jefferson County</b>	<b>.63%</b>

\*Missouri and United States data unavailable

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

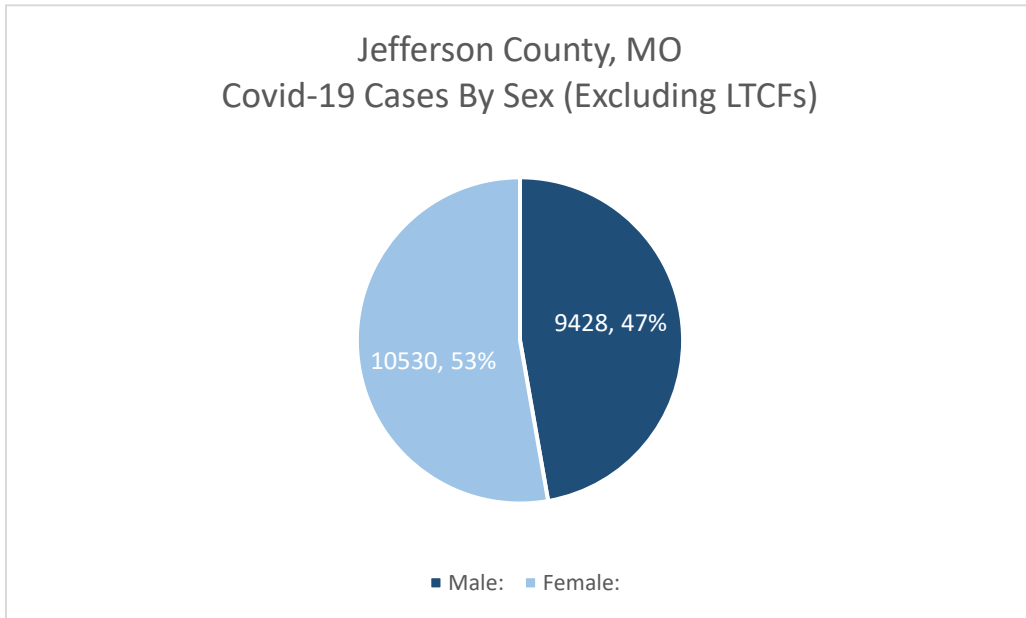


Figure 7. Covid-19 PCR Test Results by Week (Excluding LTCFs), Jefferson County, Missouri

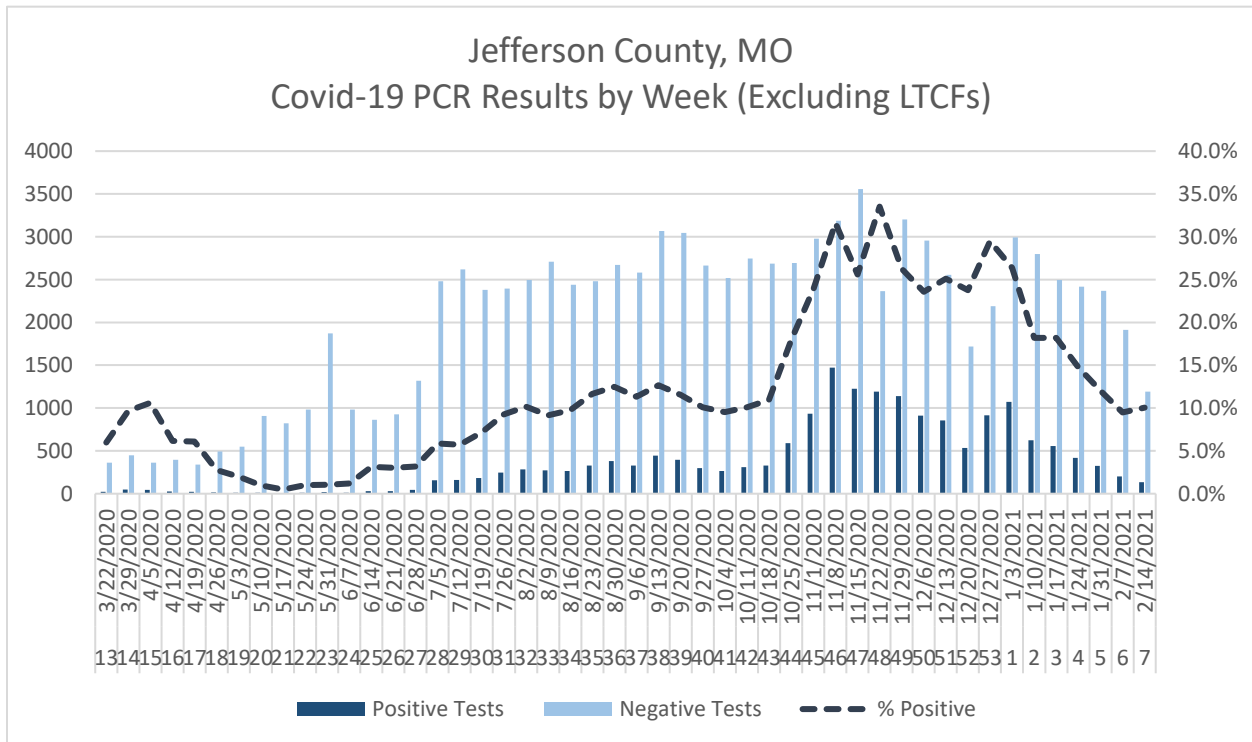


Table 3. Covid-19 PCR Test Results and Percent Positive by Week, Jefferson County (Excluding LTCFs), Missouri

CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
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	381	2672	3053	12.5%
37	9/6/2020	330	2582	2912	11.3%
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	1071	2992	4063	26.4%
2	1/10/2021	623	2798	3421	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	2368	2692	12.0%
6	2/7/2021	201	1914	2115	9.5%
7	2/14/2021	133	1190	1323	10.1%

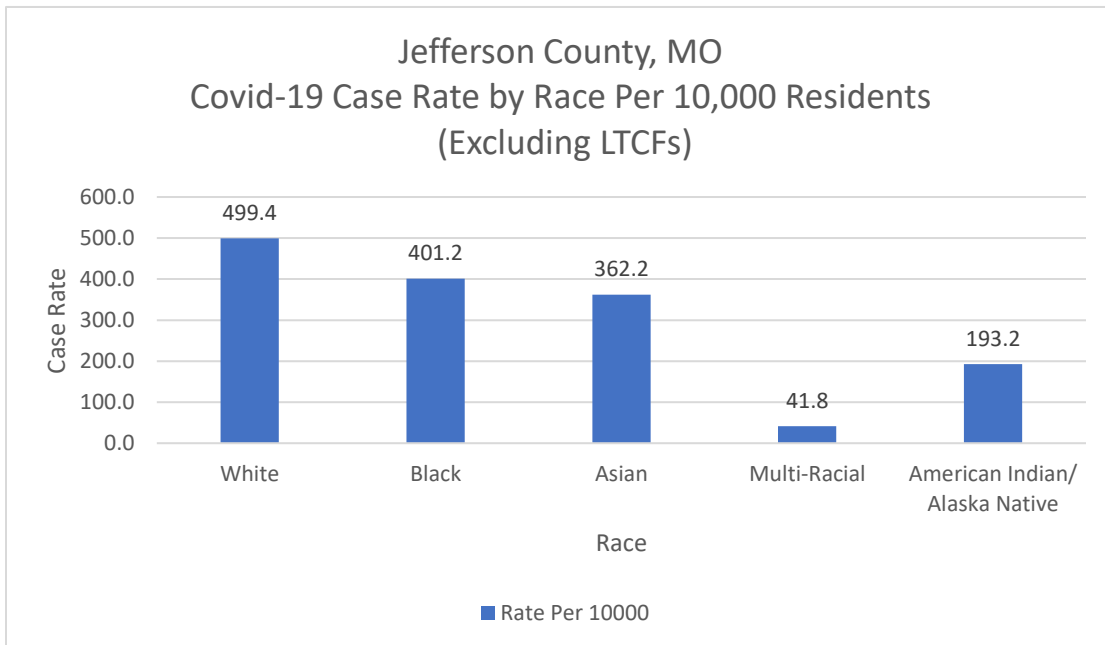


Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County (Excluding LTCFs), Missouri\*

Race	Cases	Rate Per 10000
White	10767	499.4
Black	108	401.2
Asian	65	362.2
Multi-Racial	15	41.8
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

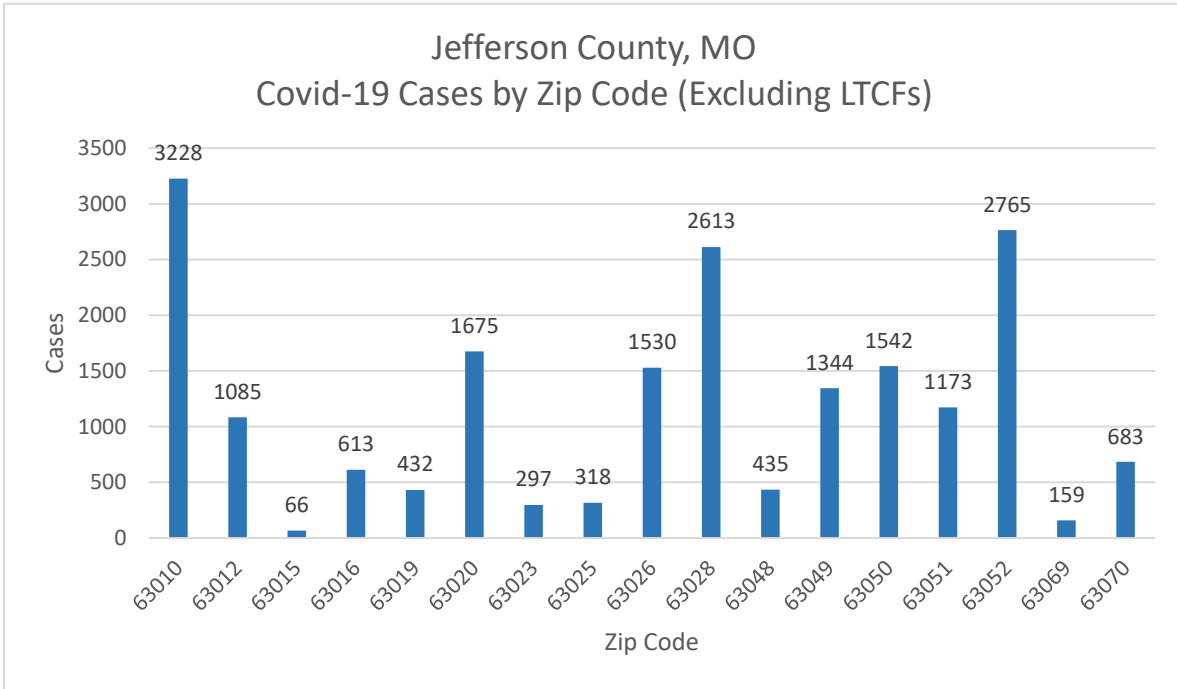
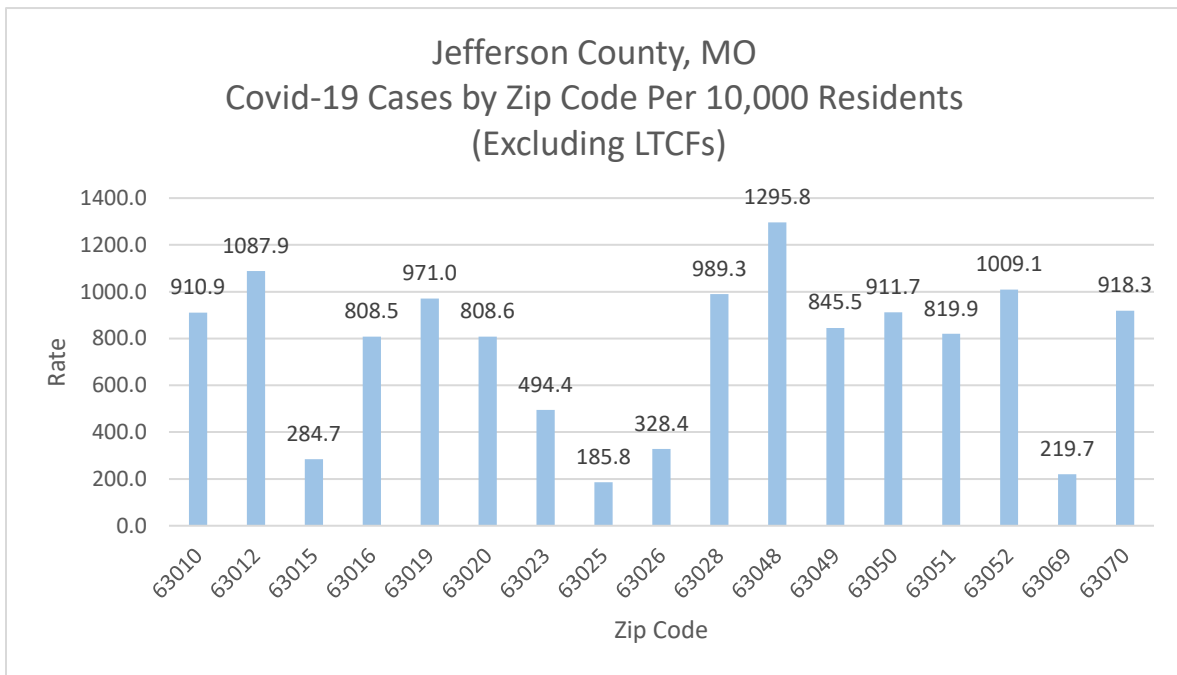


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

**Week 7: February 14- February 20**

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

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**SUMMARY:**

- During Week 7 a total of 30 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3072 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
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	55	431
38	9/13/2020	90	521
39	9/20/2020	67	588
40	9/27/2020	52	640
41	10/4/2020	31	671
42	10/11/2020	41	712
43	10/18/2020	46	758
44	10/25/2020	95	853
45	11/1/2020	159	1012
46	11/8/2020	243	1255
47	11/15/2020	204	1459
48	11/22/2020	158	1617
49	11/29/2020	177	1794
50	12/6/2020	160	1954
51	12/13/2020	158	2112
52	12/20/2020	91	2203
53	12/27/2020	140	2343
1	1/3/2021	218	2561
2	1/10/2021	143	2704
3	1/17/2021	108	2812
4	1/24/2021	83	2895
5	1/31/2021	95	2990
6	2/7/2021	52	3042
7	2/14/2021	30	3072

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

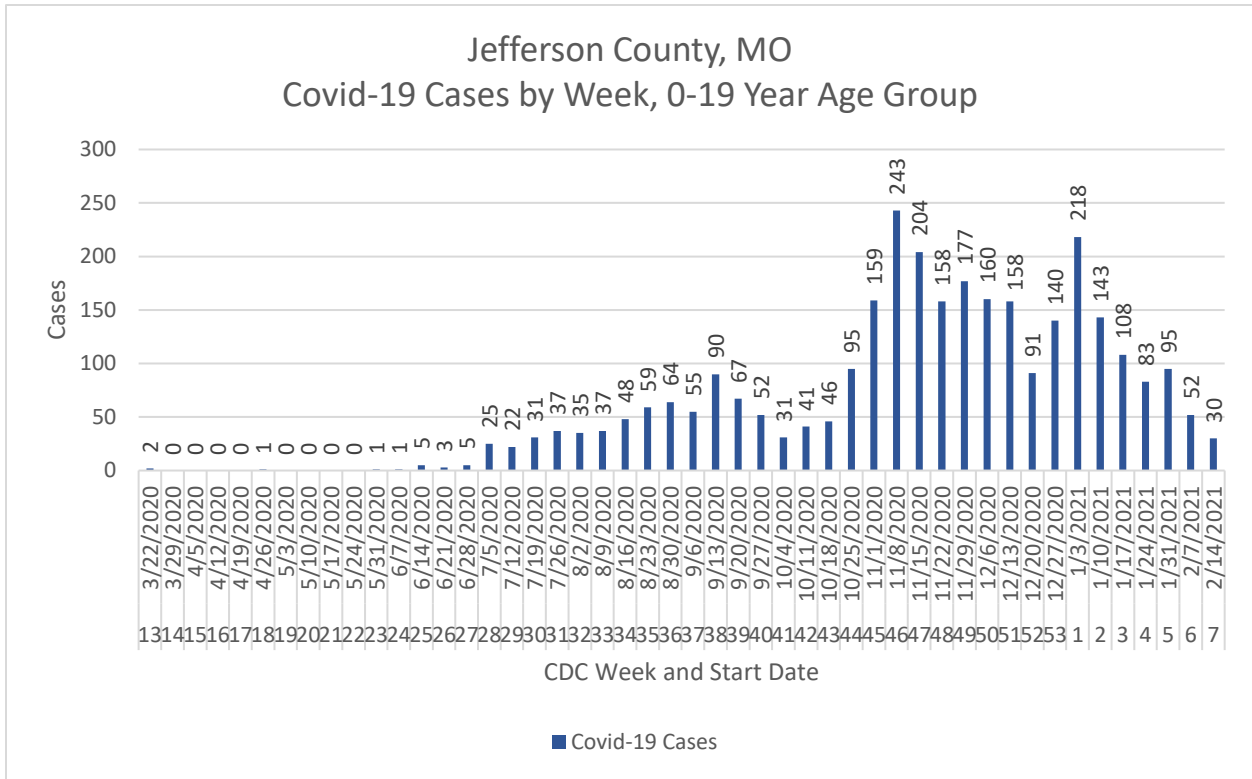


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	809	3.77%
10-19	2263	10.54%
20+	18374	85.62%

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

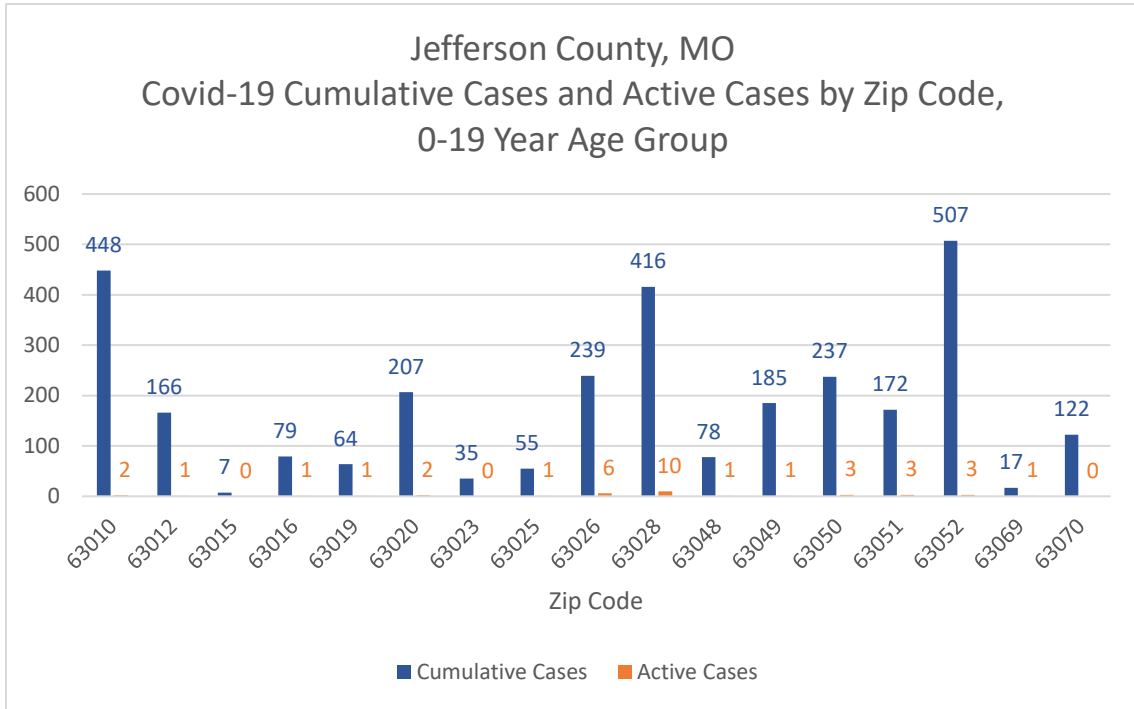


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

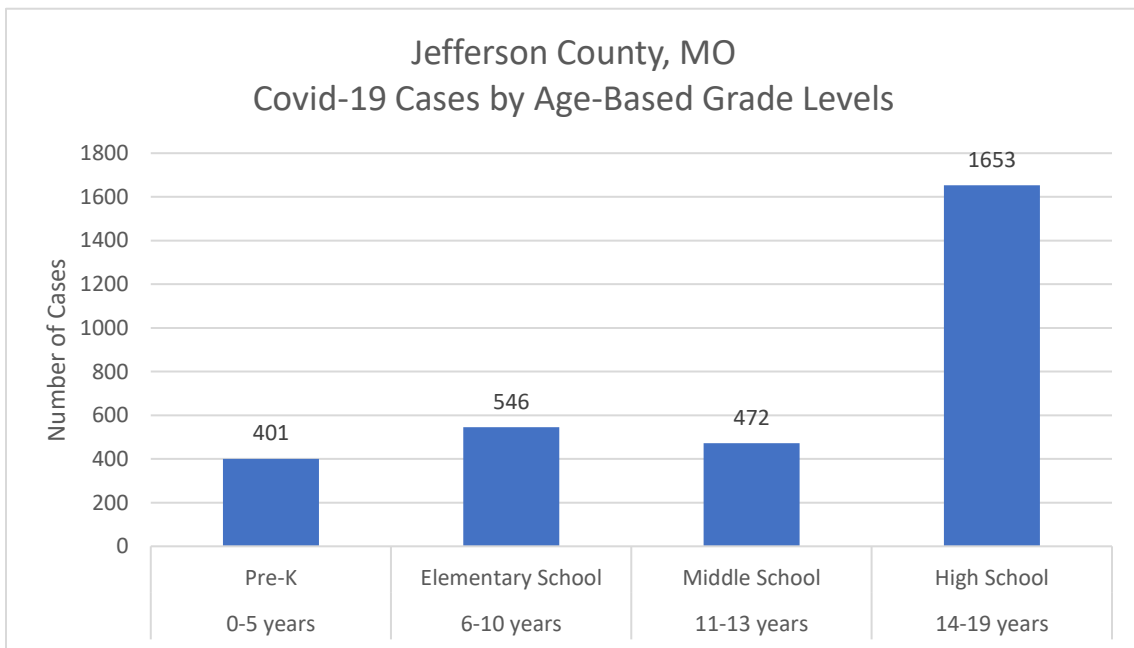


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

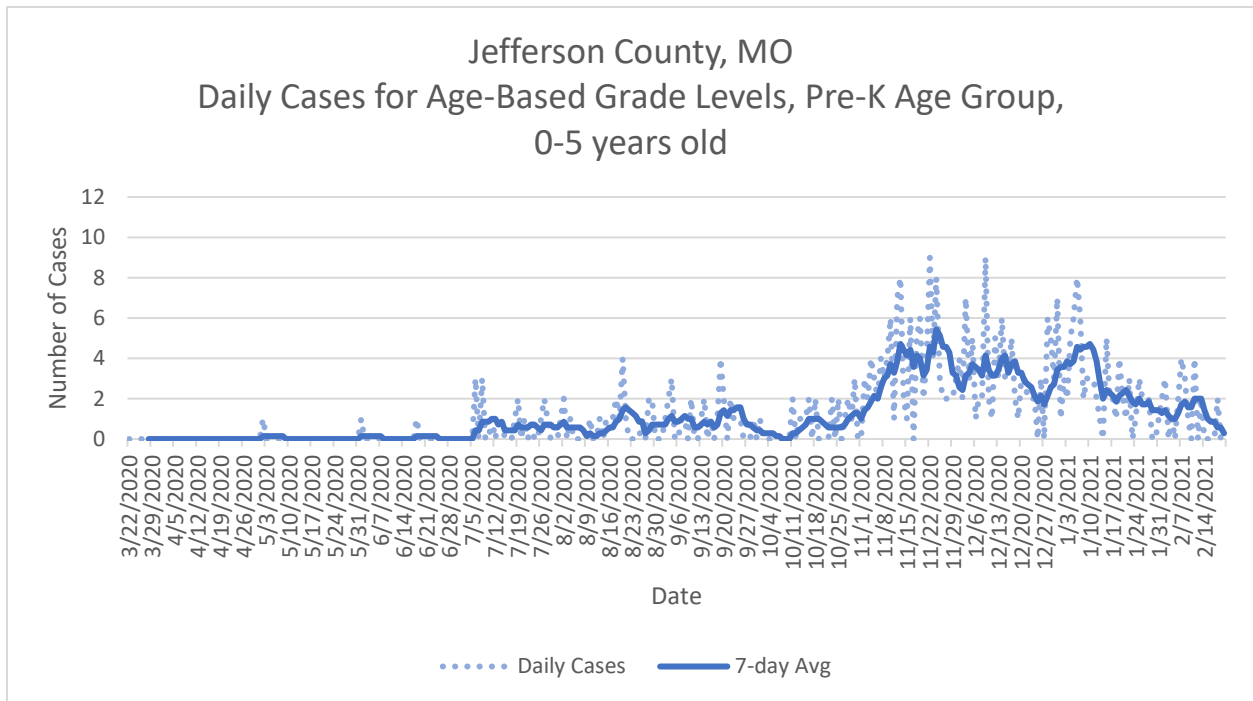


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

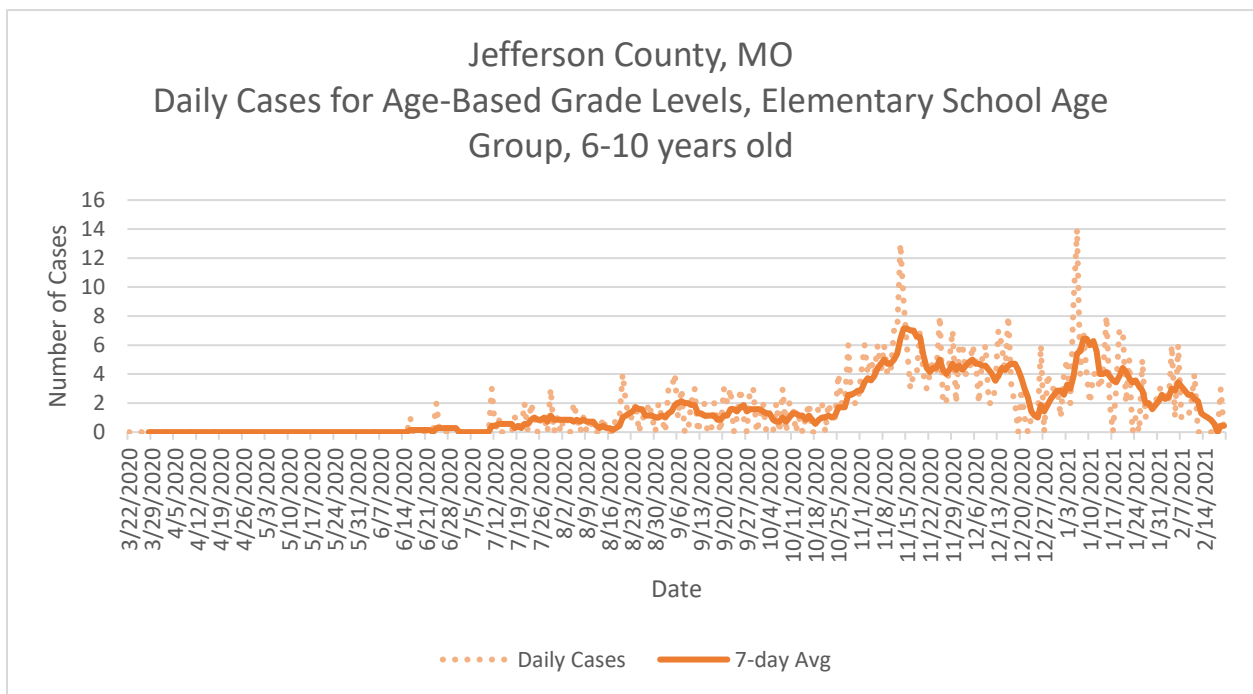


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

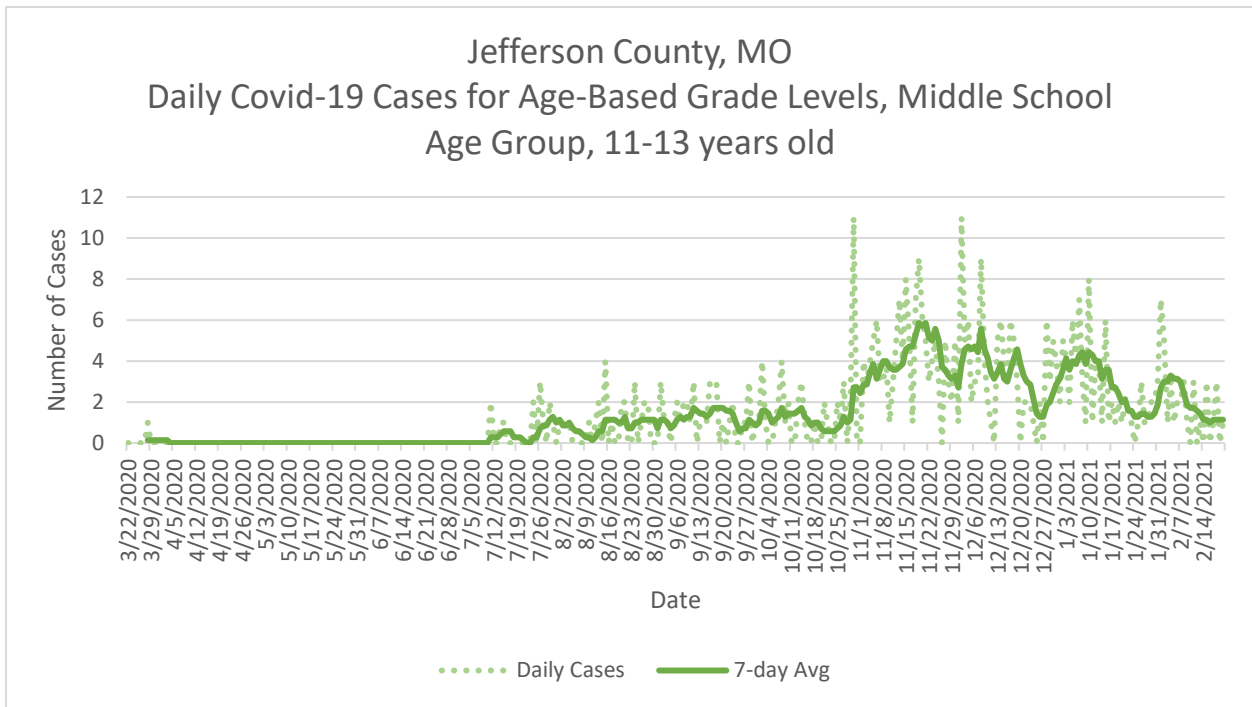


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

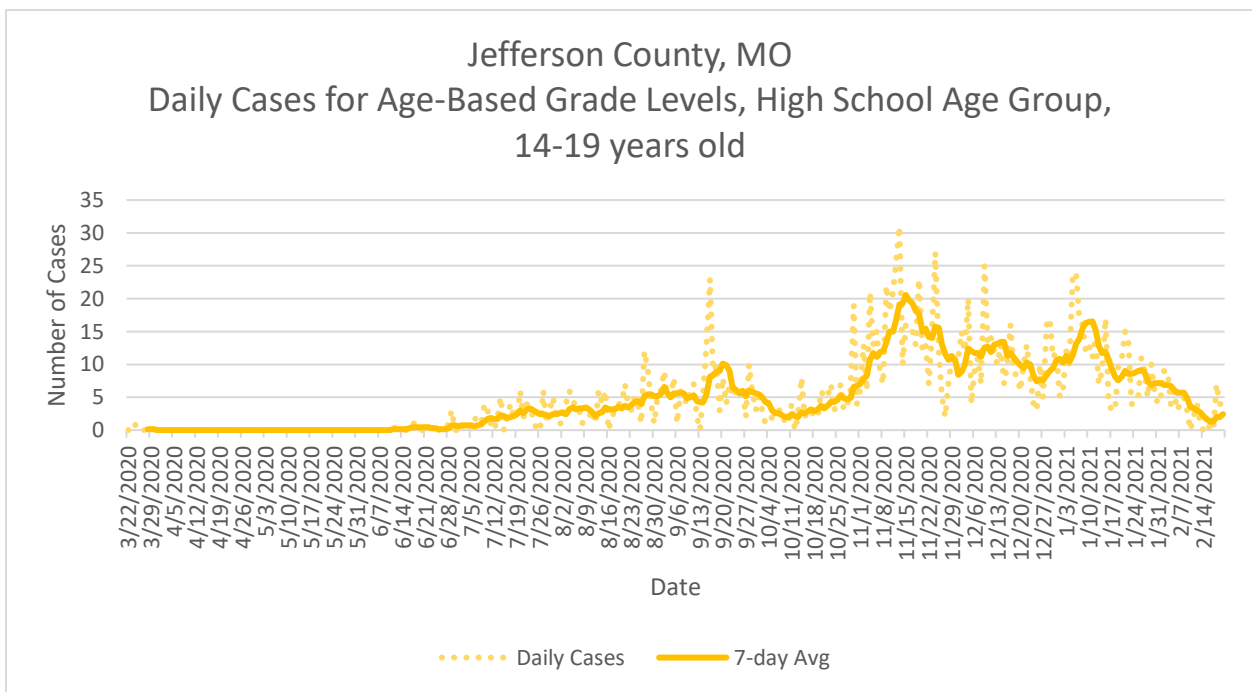




Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

