



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 8: February 21- February 27

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

SUMMARY:

- During Week 8 a total of 194 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 21651 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 8.
- Two hundred nine Covid-19 associated deaths have been reported in Jefferson County as of Week 8.
- 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
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	322	2469
35	8/23/2020	407	2876
36	8/30/2020	430	3306
37	9/6/2020	374	3680
38	9/13/2020	492	4172
39	9/20/2020	442	4614
40	9/27/2020	352	4966
41	10/4/2020	307	5273
42	10/11/2020	338	5611
43	10/18/2020	365	5976
44	10/25/2020	663	6639
45	11/1/2020	1015	7654
46	11/8/2020	1629	9283
47	11/15/2020	1373	10656
48	11/22/2020	1328	11984
49	11/29/2020	1284	13268
50	12/6/2020	1074	14342
51	12/13/2020	1029	15371
52	12/20/2020	610	15981
53	12/27/2020	1068	17049
1	1/3/2021	1303	18352
2	1/10/2021	850	19202
3	1/17/2021	813	20015
4	1/24/2021	568	20583
5	1/31/2021	393	20976
6	2/7/2021	298	21274
7	2/14/2021	183	21457
8	2/21/2021	194	21651

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

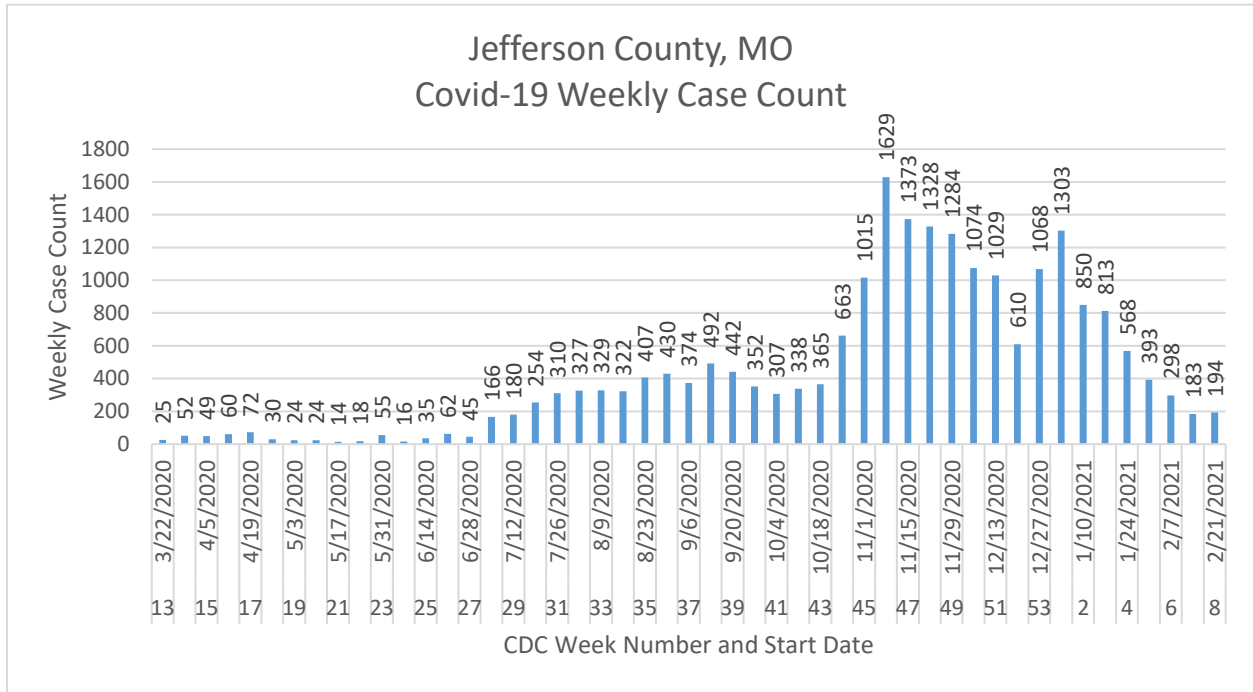


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

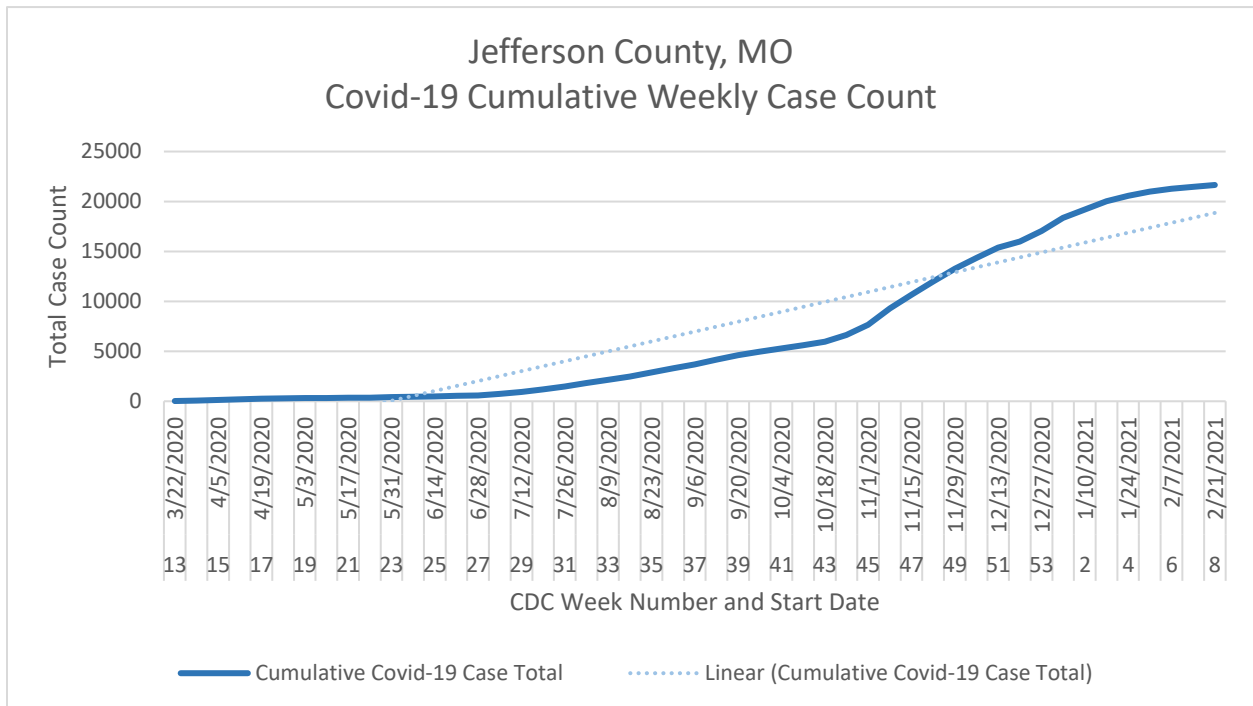


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

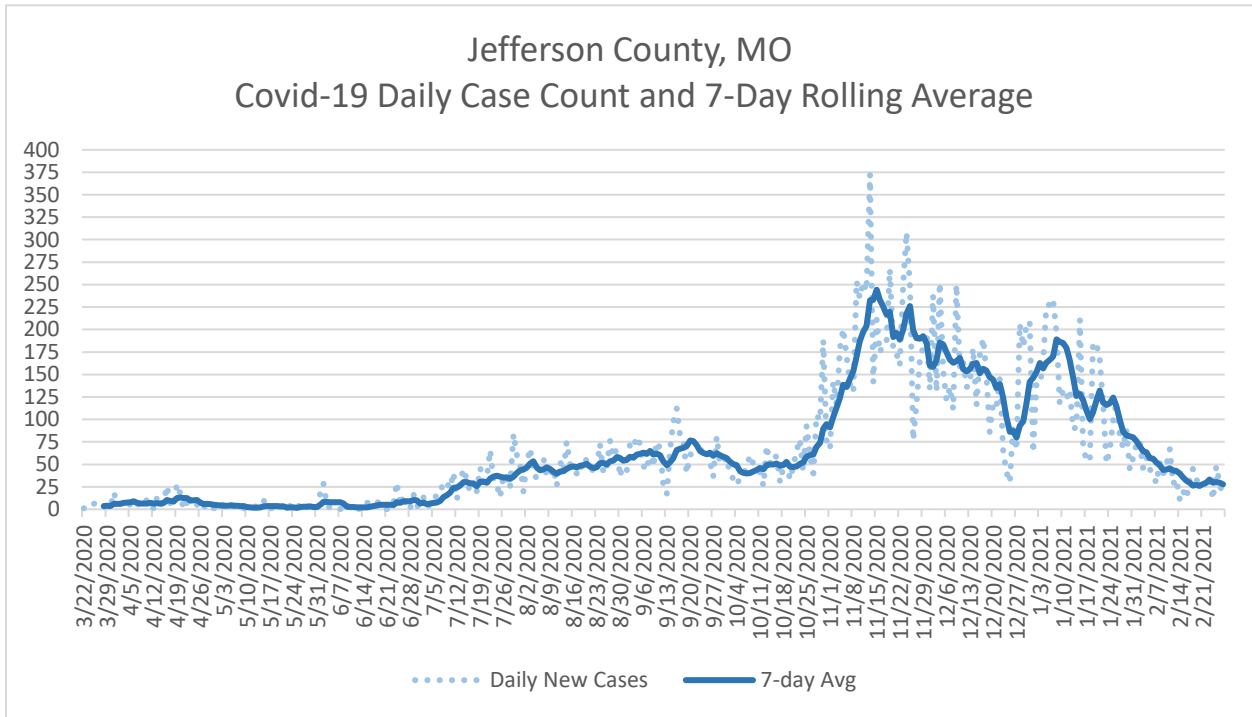


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

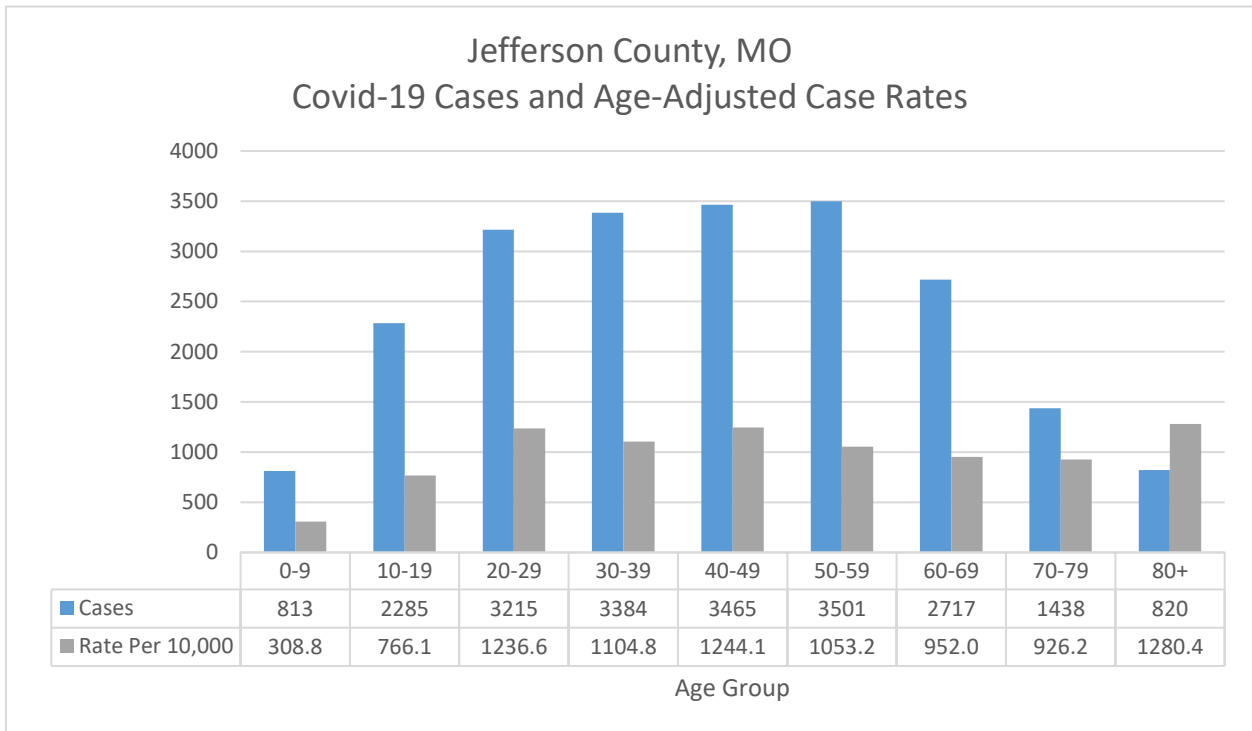


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

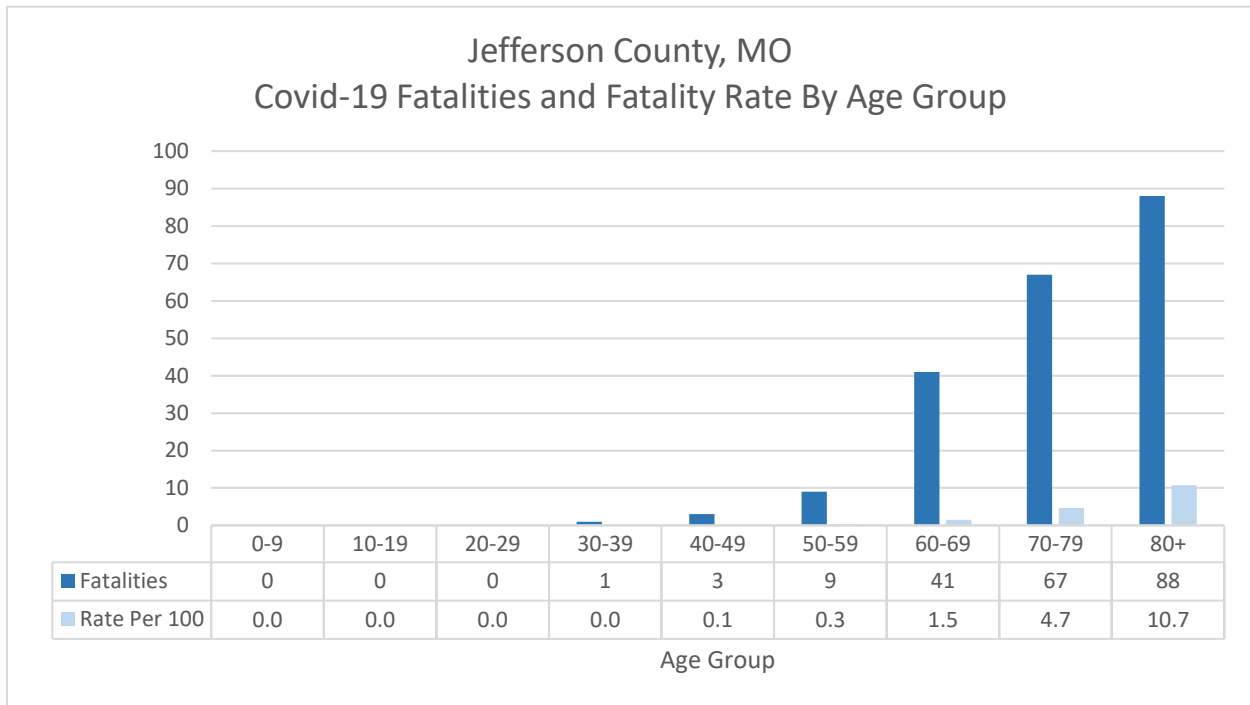


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.97%
Missouri	1.66%
US	1.80%

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

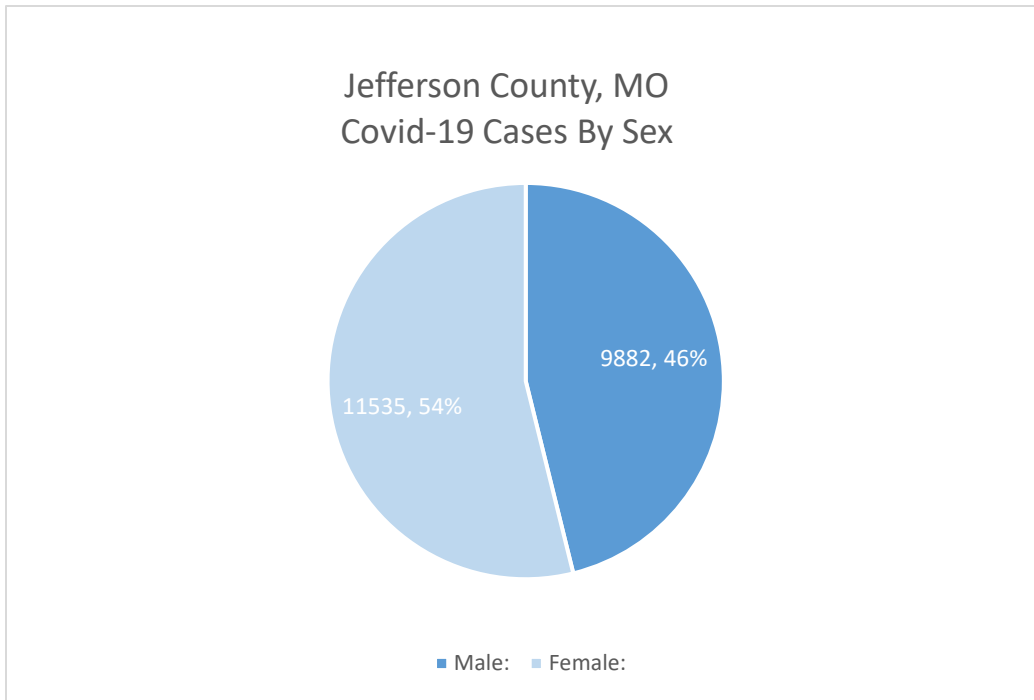


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

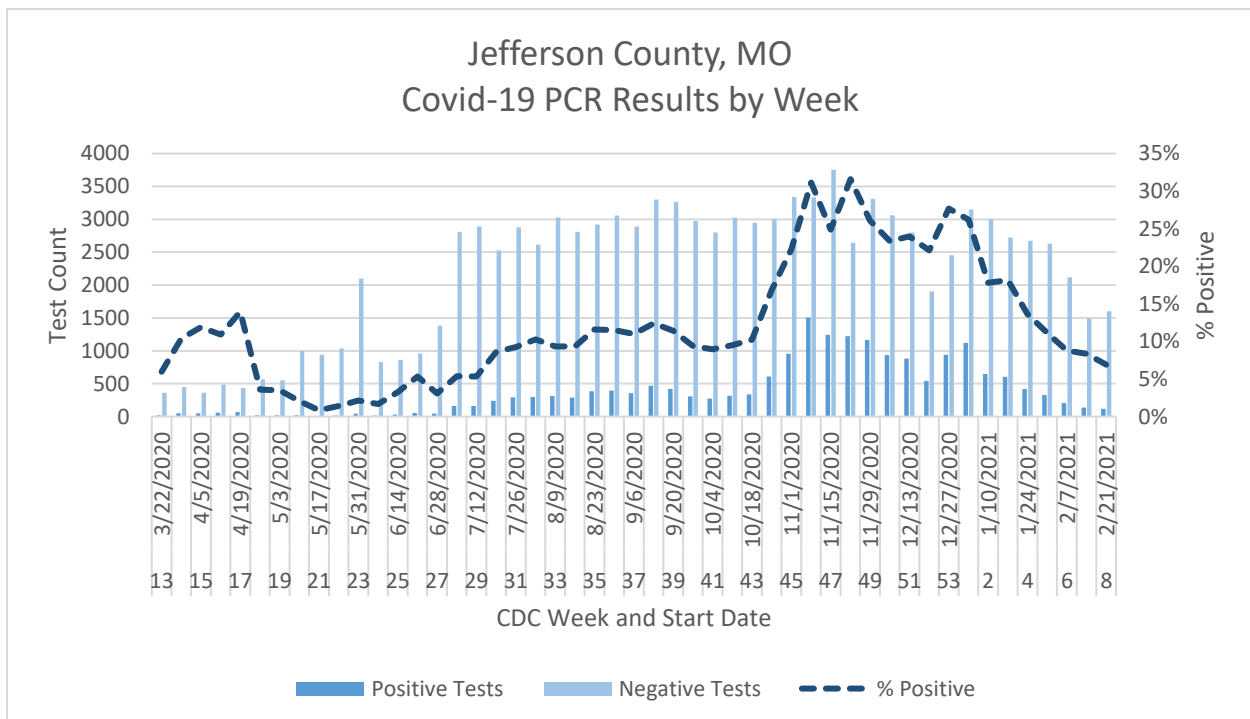


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

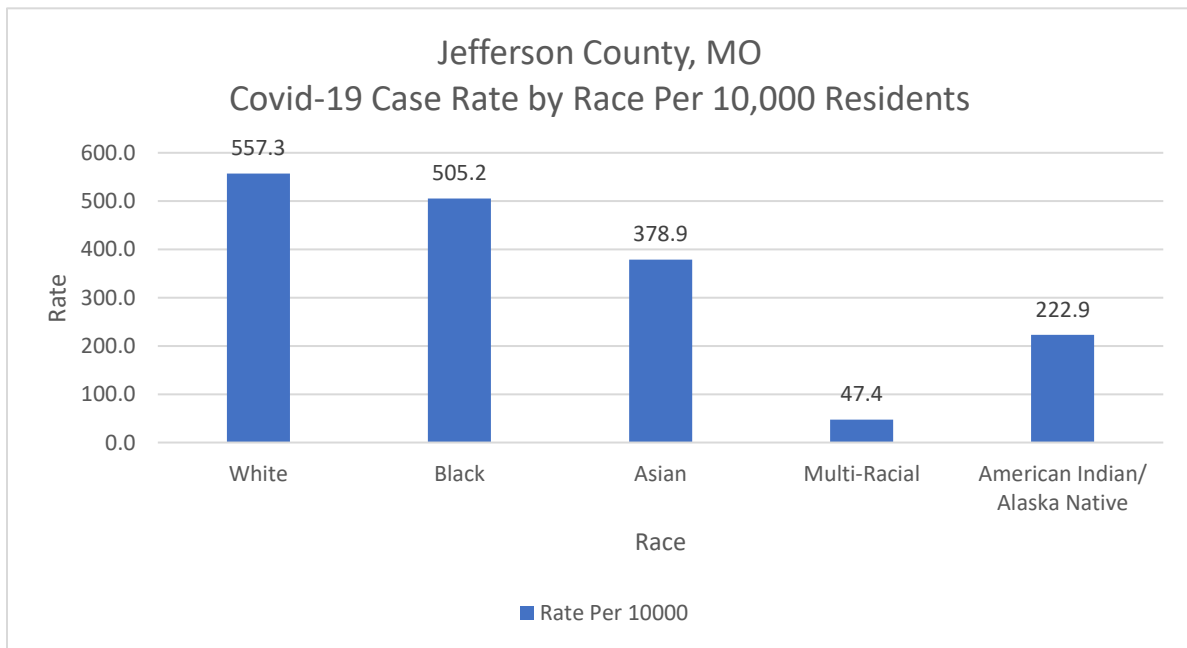
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
19	5/3/2020	20	553	573	3.5%
20	5/10/2020	21	997	1018	2.1%
21	5/17/2020	8	938	946	0.8%
22	5/24/2020	15	1040	1055	1.4%
23	5/31/2020	46	2099	2145	2.1%
24	6/7/2020	14	829	843	1.7%
25	6/14/2020	29	862	891	3.3%
26	6/21/2020	54	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	289	2807	3096	9.3%
35	8/23/2020	384	2923	3307	11.6%
36	8/30/2020	397	3057	3454	11.5%
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	1118	3151	4269	26.2%
2	1/10/2021	650	2999	3649	17.8%
3	1/17/2021	604	2721	3325	18.2%
4	1/24/2021	422	2674	3096	13.6%
5	1/31/2021	329	2631	2960	11.1%
6	2/7/2021	204	2117	2321	8.8%
7	2/14/2021	136	1491	1627	8.4%
8	2/21/2021	119	1601	1720	6.9%

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

Race	Cases	Rate Per 10000
White	12016	557.3
Black	136	505.2
Asian	68	378.9
Multi-Racial	17	47.4
American Indian/ Alaska Native	15	222.9
Unknown	3542	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

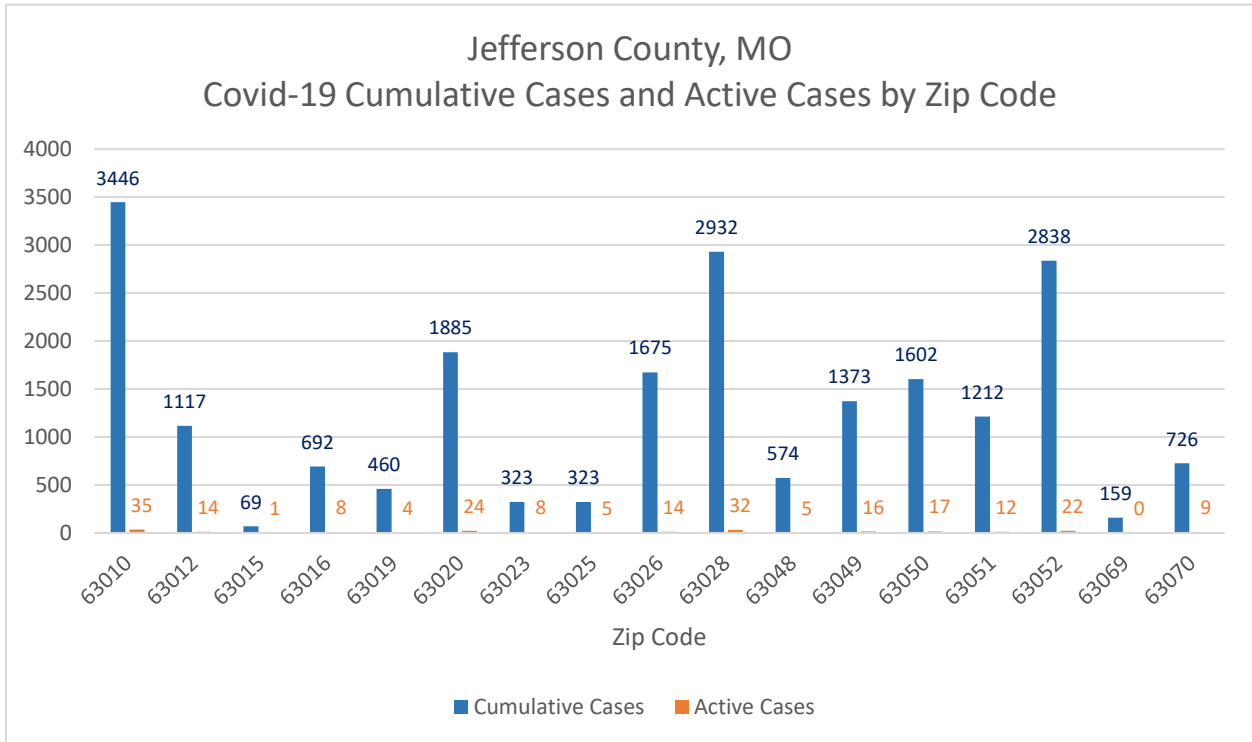
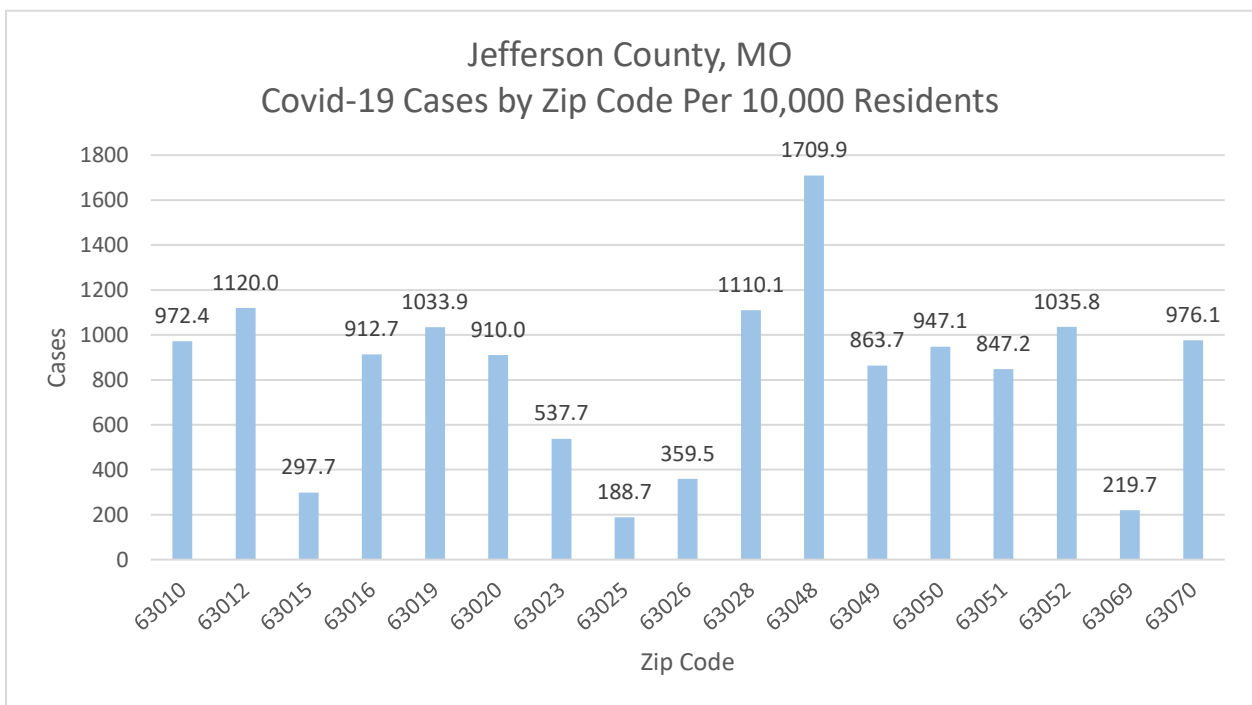


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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 8: February 21- February 27

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

SUMMARY:

-This is a revised version of the Week 8 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
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	292	2075
35	8/23/2020	348	2423
36	8/30/2020	404	2827
37	9/6/2020	345	3172
38	9/13/2020	470	3642
39	9/20/2020	414	4056
40	9/27/2020	332	4388
41	10/4/2020	285	4673
42	10/11/2020	319	4992
43	10/18/2020	350	5342
44	10/25/2020	634	5976
45	11/1/2020	981	6957
46	11/8/2020	1567	8524
47	11/15/2020	1329	9853
48	11/22/2020	1271	11124
49	11/29/2020	1215	12339
50	12/6/2020	1004	13343
51	12/13/2020	988	14331
52	12/20/2020	596	14927
53	12/27/2020	1033	15960
1	1/3/2021	1233	17193
2	1/10/2021	816	18009
3	1/17/2021	751	18760
4	1/24/2021	553	19313
5	1/31/2021	387	19700
6	2/7/2021	293	19993
7	2/14/2021	179	20172
8	2/21/2021	193	20365

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

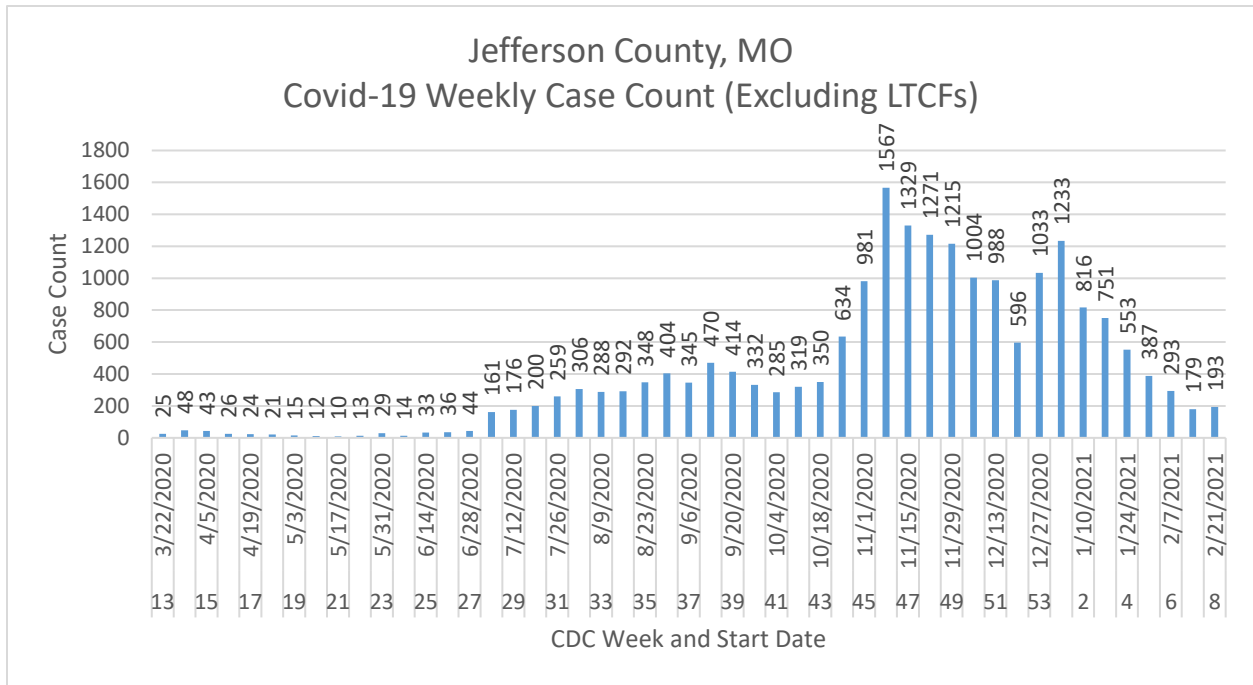


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

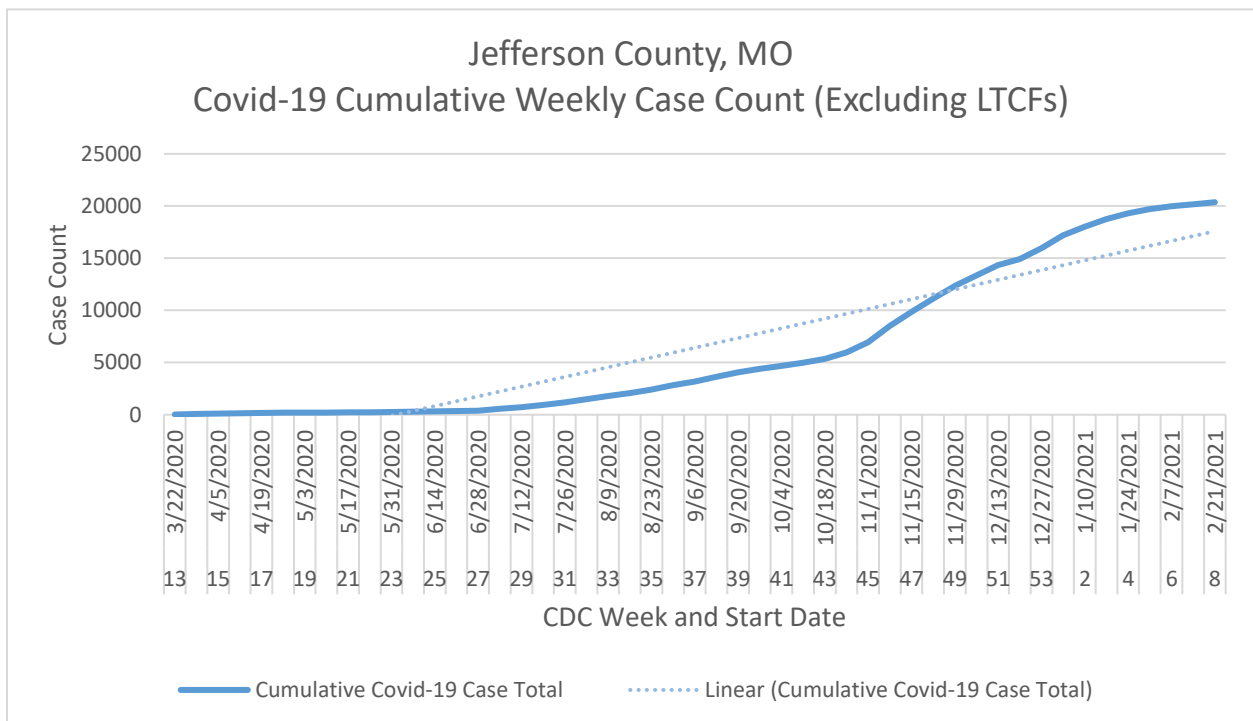


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

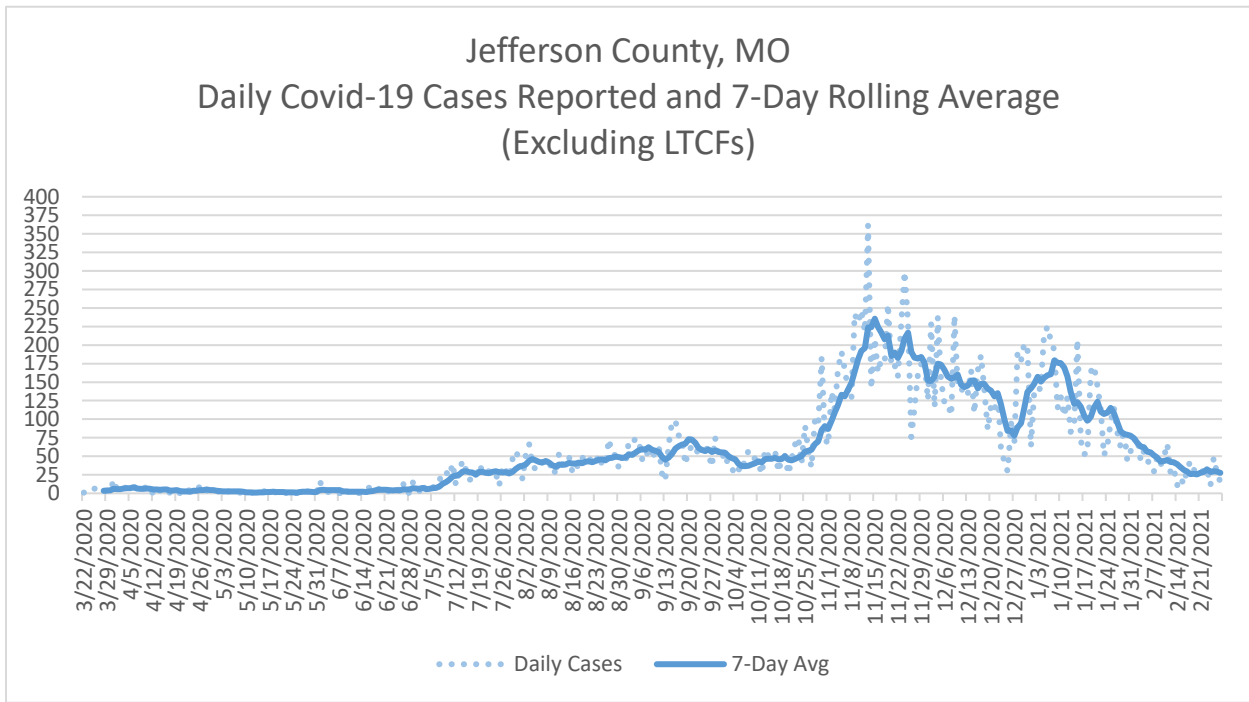


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

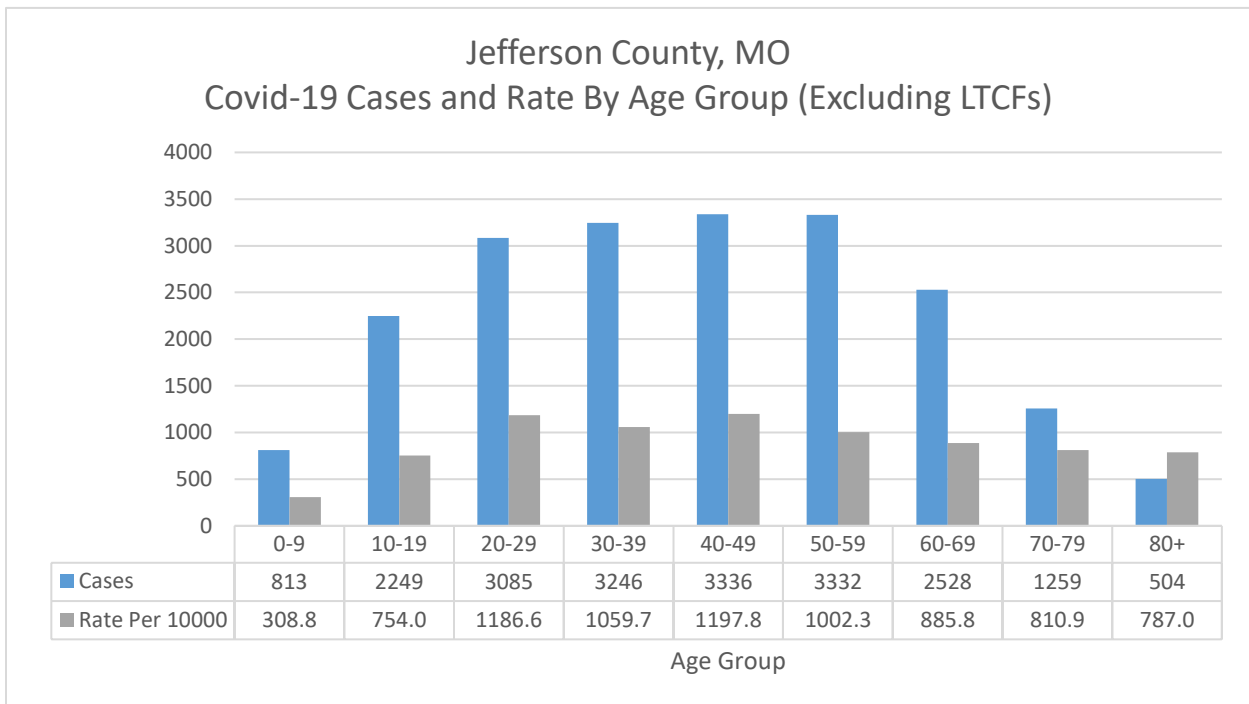


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

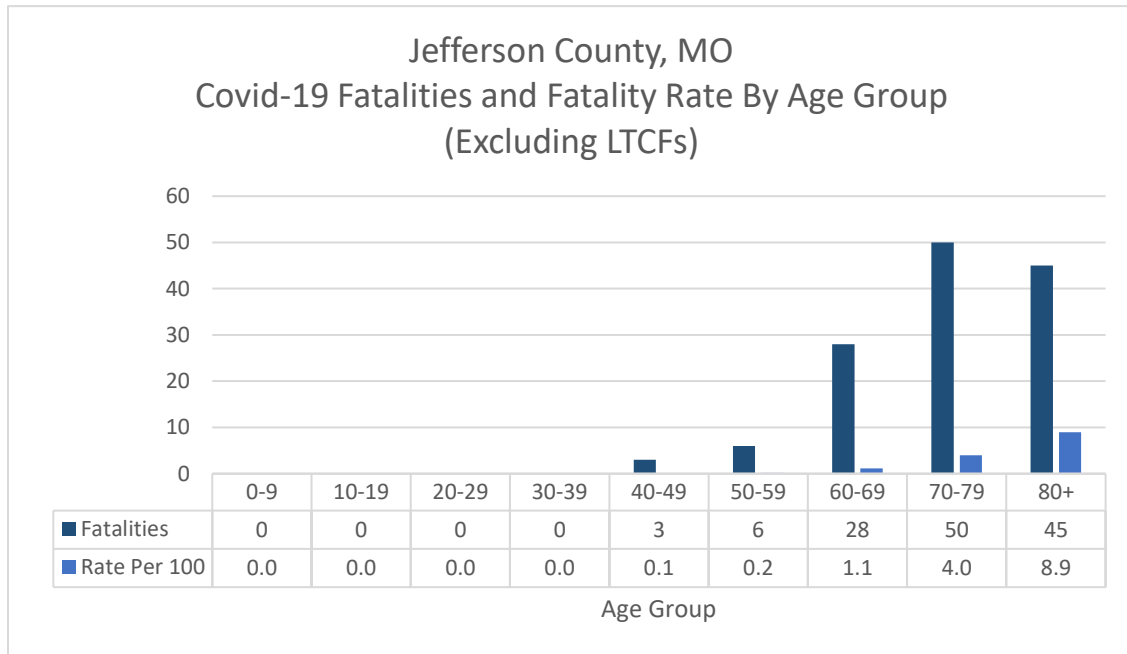


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)*

Jefferson County	.65%

*Missouri and United States data unavailable

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

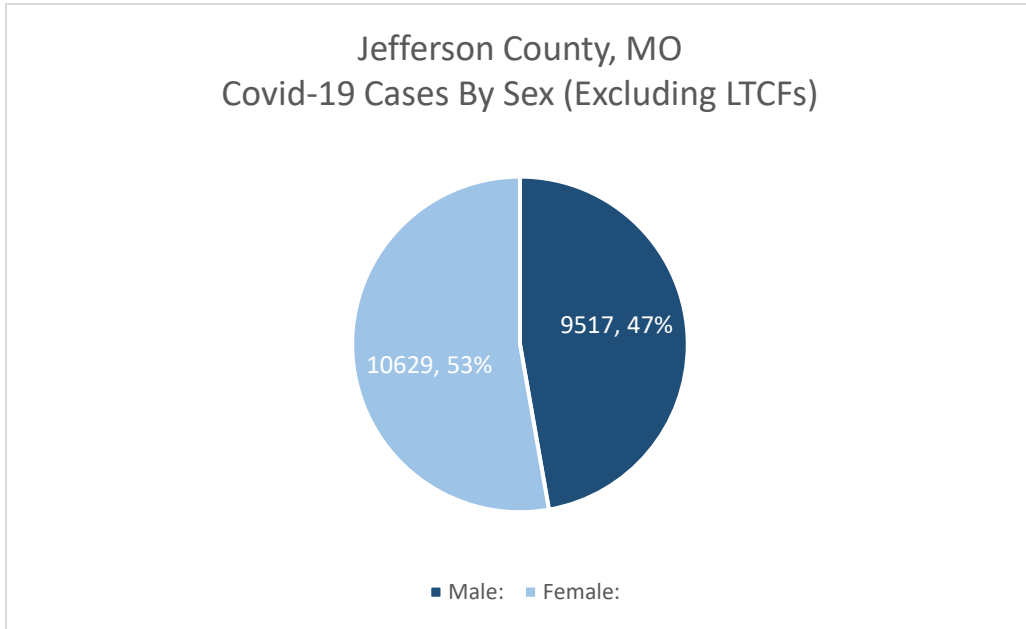


Figure 7. Covid-19 PCR Test Results by Week (Excluding LTCFs), Jefferson County, Missouri

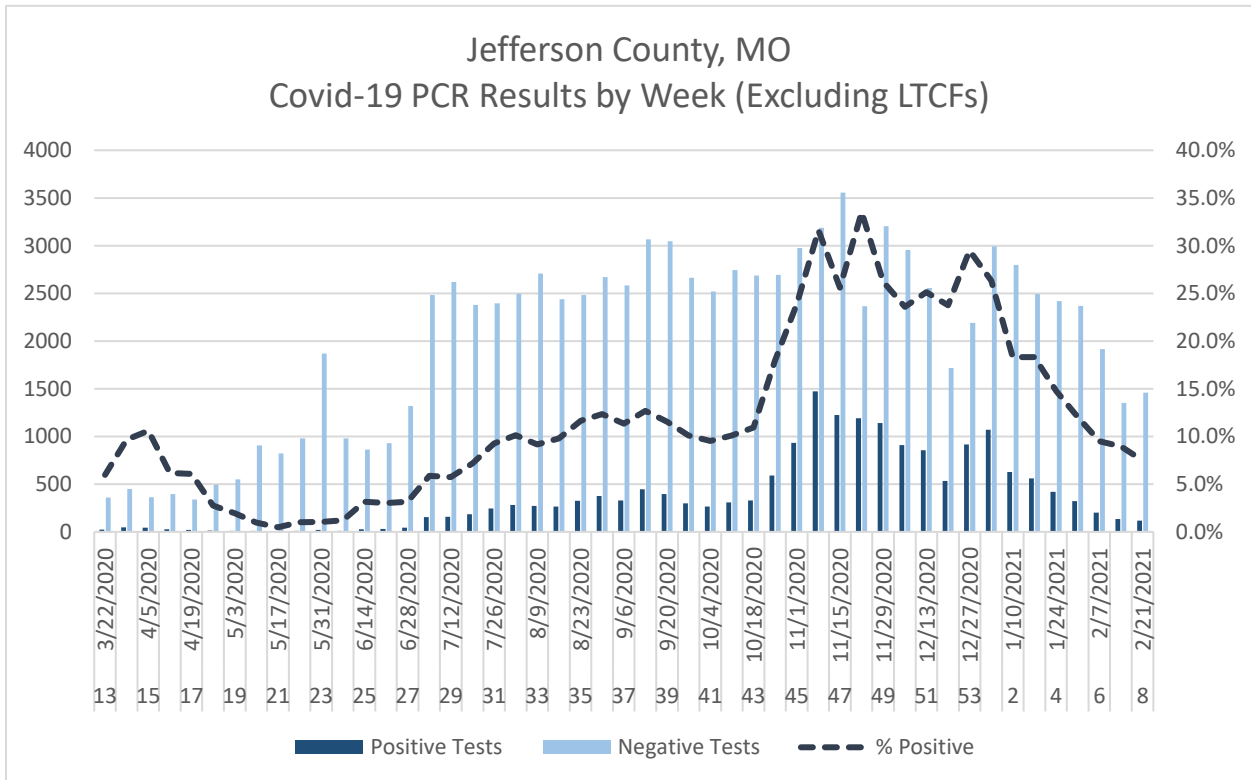


Table 3. Covid-19 PCR Test Results and Percent Positive by Week, Jefferson County (Excluding LTCFs), Missouri

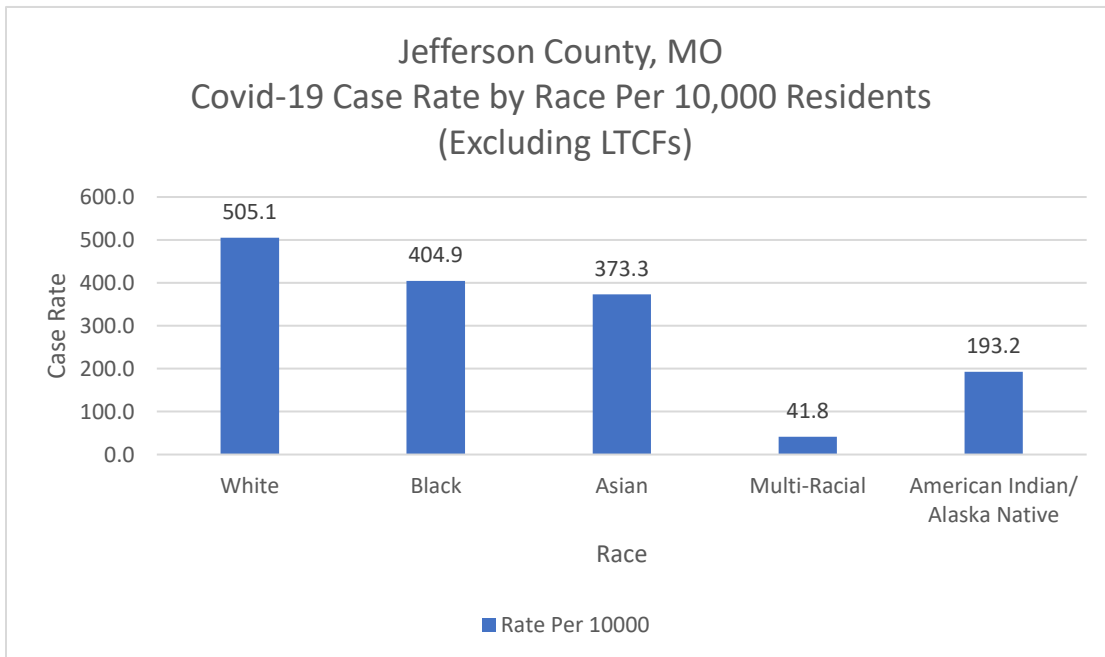
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
19	5/3/2020	11	549	560	2.0%
20	5/10/2020	9	907	916	1.0%
21	5/17/2020	4	823	827	0.5%
22	5/24/2020	10	981	991	1.0%
23	5/31/2020	20	1870	1890	1.1%
24	6/7/2020	12	981	993	1.2%
25	6/14/2020	28	862	890	3.1%
26	6/21/2020	29	928	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	265	2440	2705	9.8%
35	8/23/2020	327	2482	2809	11.6%
36	8/30/2020	376	2672	3048	12.3%
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	1070	2992	4062	26.3%
2	1/10/2021	628	2798	3426	18.3%
3	1/17/2021	559	2494	3053	18.3%
4	1/24/2021	419	2418	2837	14.8%
5	1/31/2021	324	2369	2693	12.0%
6	2/7/2021	201	1917	2118	9.5%
7	2/14/2021	133	1351	1484	9.0%
8	2/21/2021	118	1461	1579	7.5%

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

Race	Cases	Rate Per 10000
White	10890	505.1
Black	109	404.9
Asian	67	373.3
Multi-Racial	15	41.8
American Indian/ Alaska Native	13	193.2
Unknown	3465	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

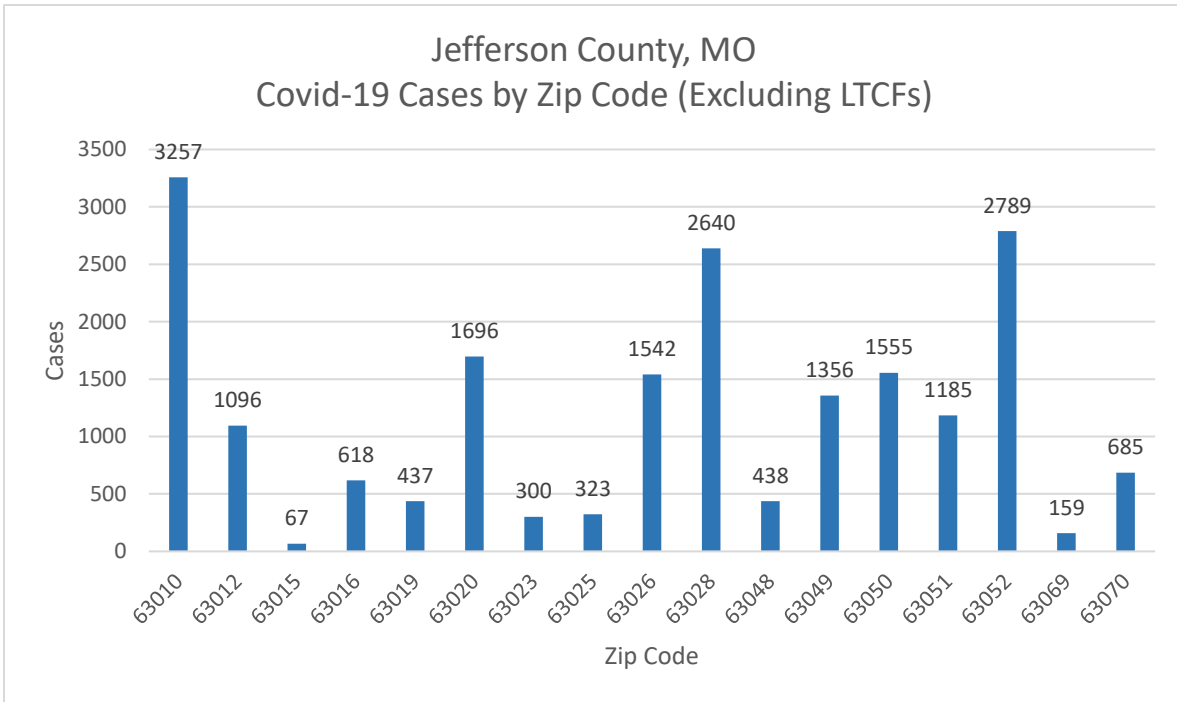
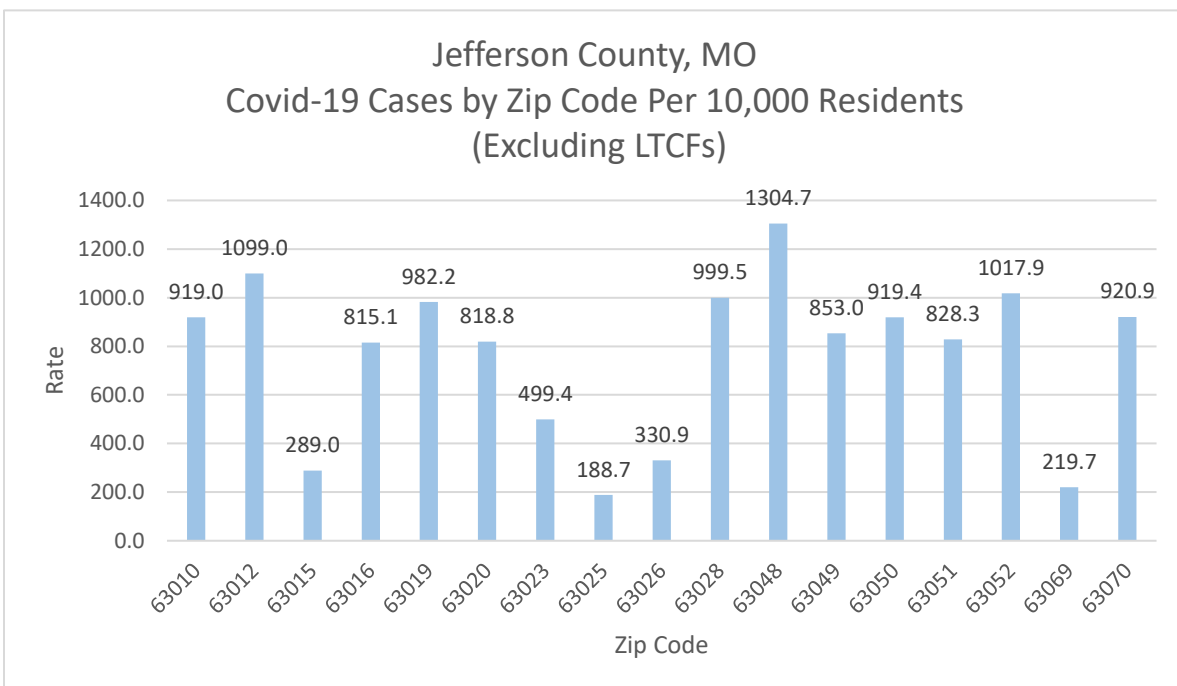


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

Week 8: February 21- February 27

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

SUMMARY:

- During Week 8 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 3098 confirmed and probable Covid-19 cases have been reported in 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
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	30	95
31	7/26/2020	37	132
32	8/2/2020	35	167
33	8/9/2020	37	204
34	8/16/2020	48	252
35	8/23/2020	59	311
36	8/30/2020	64	375
37	9/6/2020	55	430
38	9/13/2020	90	520
39	9/20/2020	67	587
40	9/27/2020	52	639
41	10/4/2020	31	670
42	10/11/2020	41	711
43	10/18/2020	46	757
44	10/25/2020	95	852
45	11/1/2020	159	1011
46	11/8/2020	242	1253
47	11/15/2020	204	1457
48	11/22/2020	158	1615
49	11/29/2020	175	1790
50	12/6/2020	160	1950
51	12/13/2020	158	2108
52	12/20/2020	91	2199
53	12/27/2020	140	2339
1	1/3/2021	218	2557
2	1/10/2021	143	2700
3	1/17/2021	108	2808
4	1/24/2021	83	2891
5	1/31/2021	95	2986
6	2/7/2021	52	3038
7	2/14/2021	30	3068
8	2/21/2021	30	3098

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

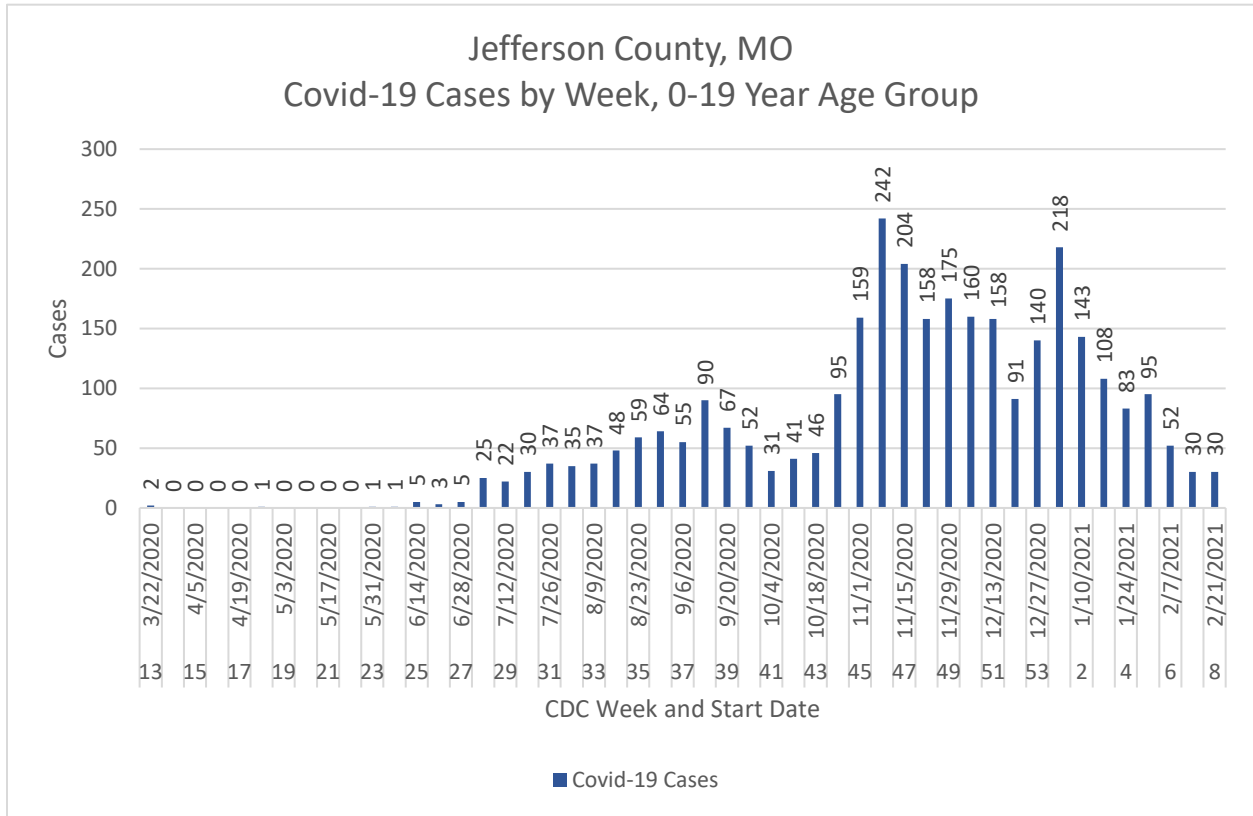


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	813	3.76%
10-19	2285	10.55%
20+	18540	85.63%

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

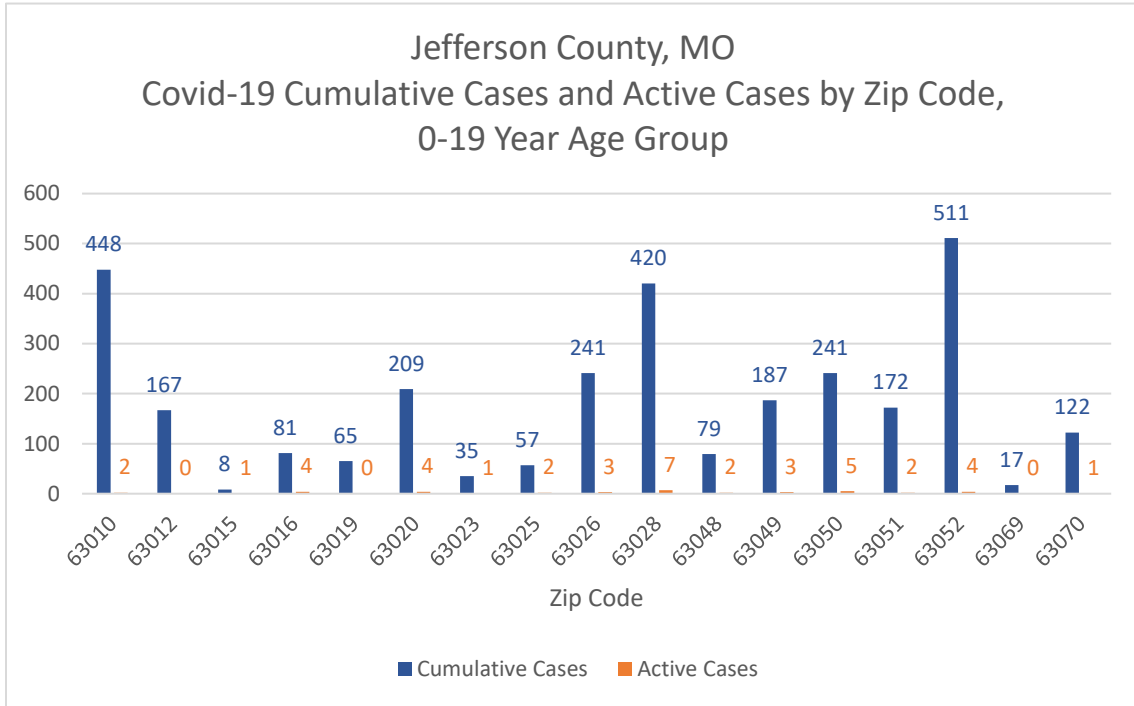


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

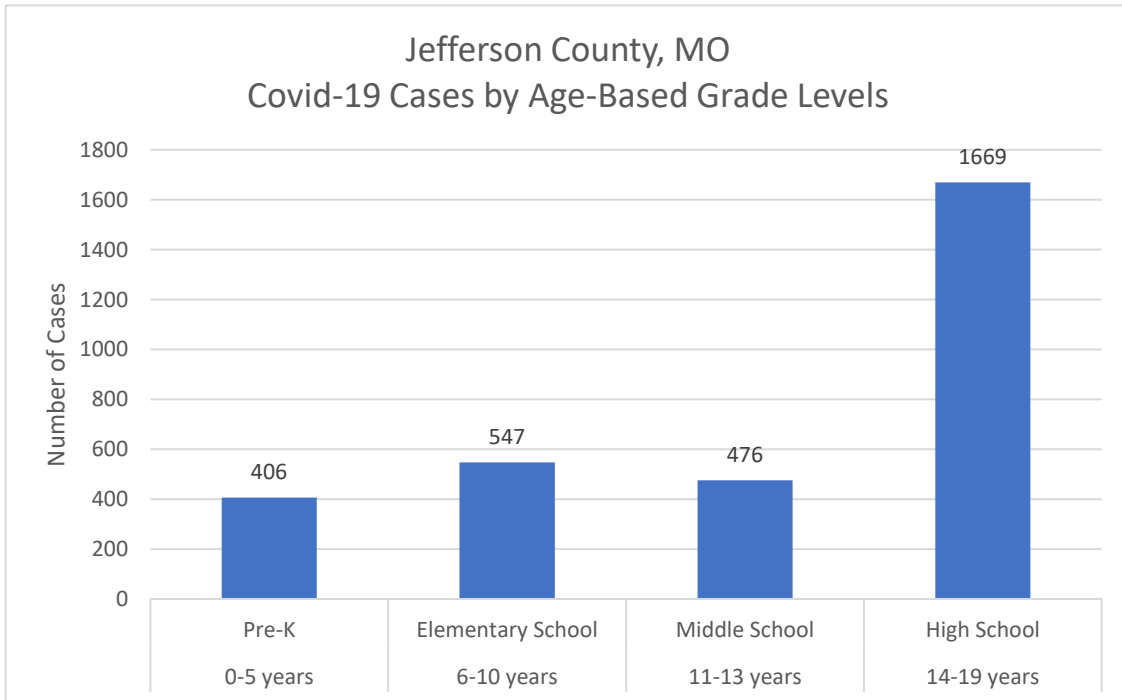


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

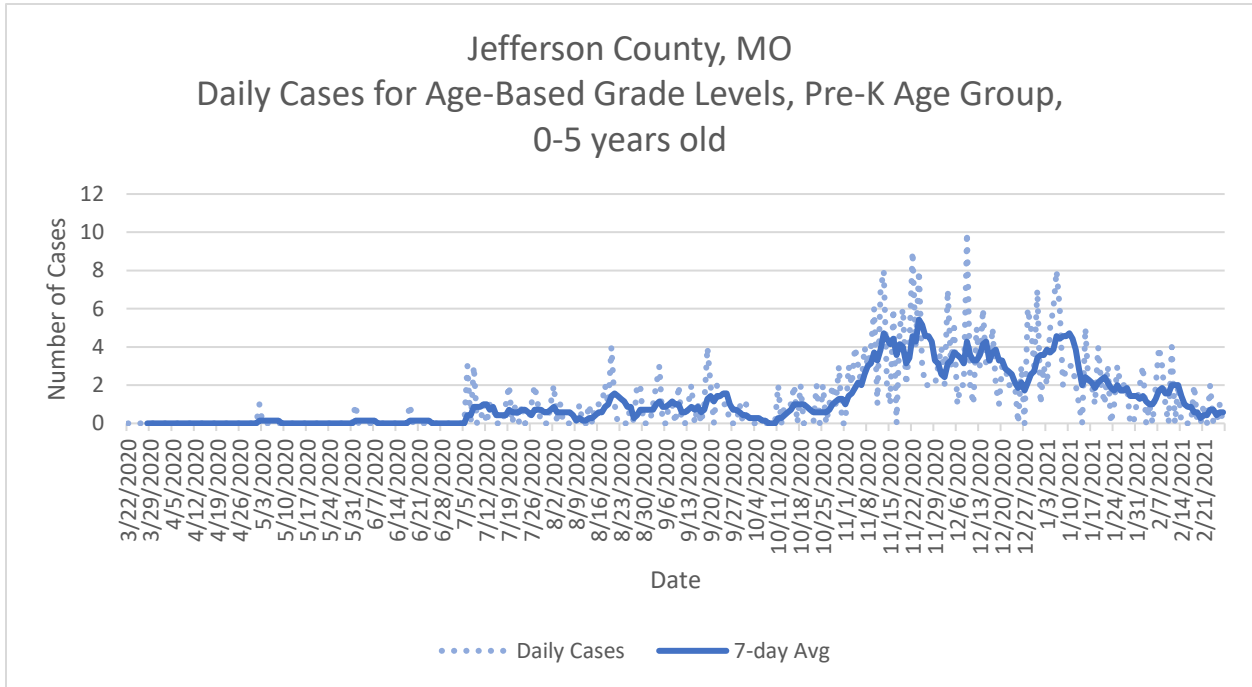


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

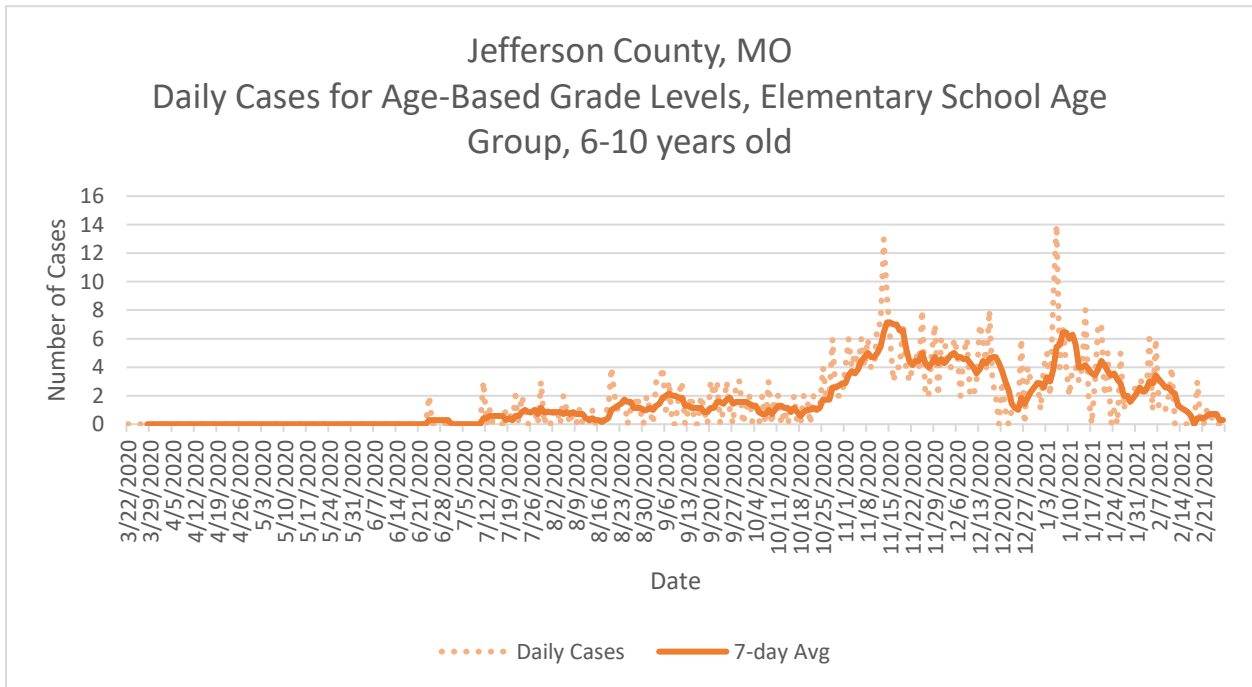


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

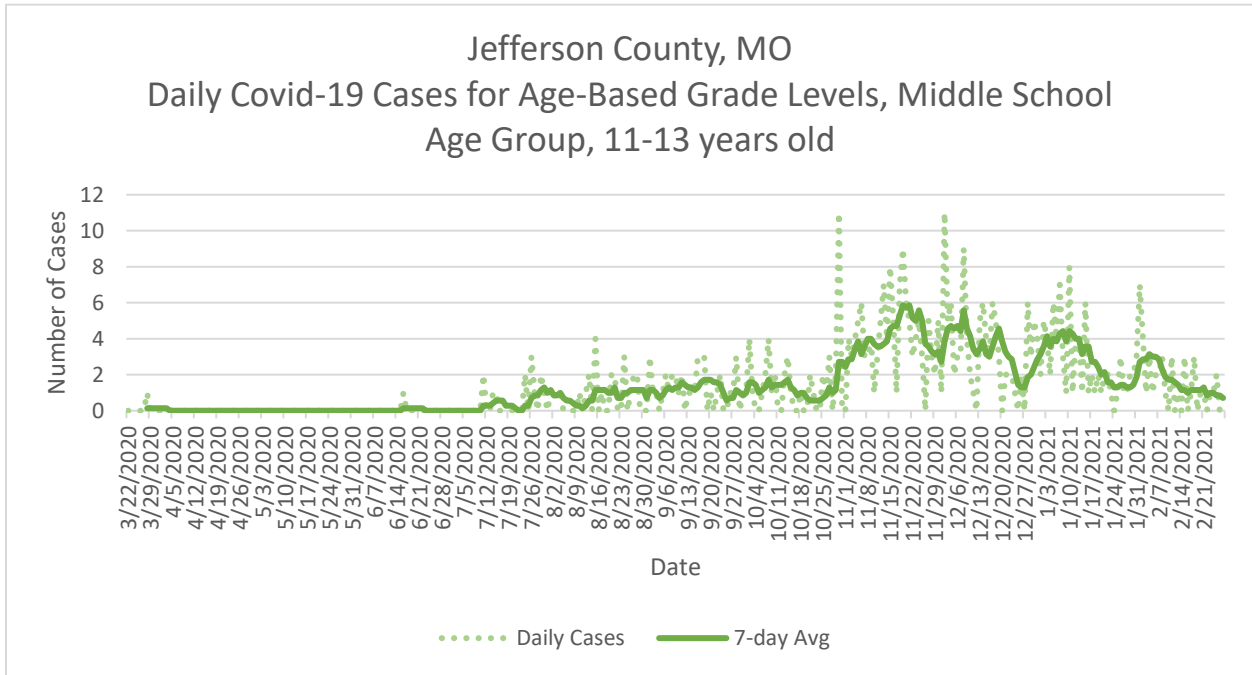


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

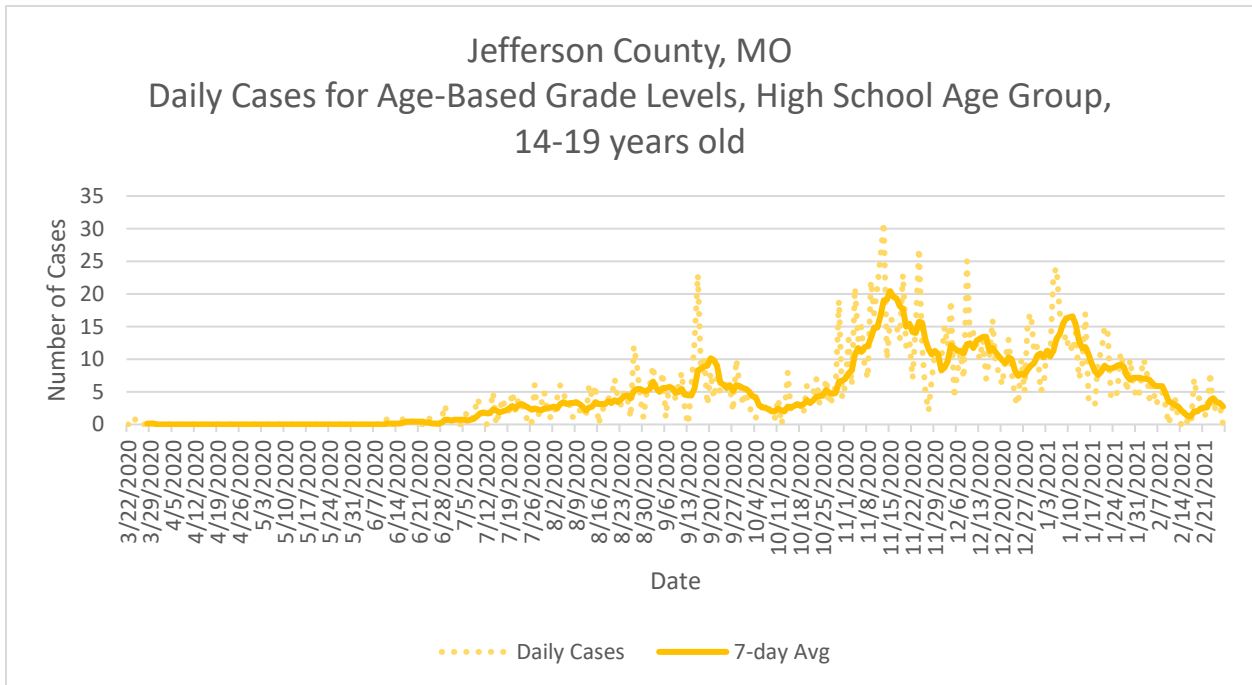


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

