



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 5: January 31- February 6**

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

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**SUMMARY:**

- During Week 5 a total of 393 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 20997 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 5.
- One hundred eighty Covid-19 associated deaths have been reported in Jefferson County as of Week 5.
- 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
18	4/26/2020	30	289
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	408	2877
36	8/30/2020	434	3311
37	9/6/2020	383	3694
38	9/13/2020	495	4189
39	9/20/2020	442	4631
40	9/27/2020	352	4983
41	10/4/2020	307	5290
42	10/11/2020	341	5631
43	10/18/2020	365	5996
44	10/25/2020	663	6659
45	11/1/2020	1015	7674
46	11/8/2020	1629	9303
47	11/15/2020	1373	10676
48	11/22/2020	1328	12004
49	11/29/2020	1284	13288
50	12/6/2020	1074	14362
51	12/13/2020	1028	15390
52	12/20/2020	610	16000
53	12/27/2020	1068	17068
1	1/3/2021	1303	18371
2	1/10/2021	852	19223
3	1/17/2021	813	20036
4	1/24/2021	568	20604
5	1/31/2021	393	20997

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

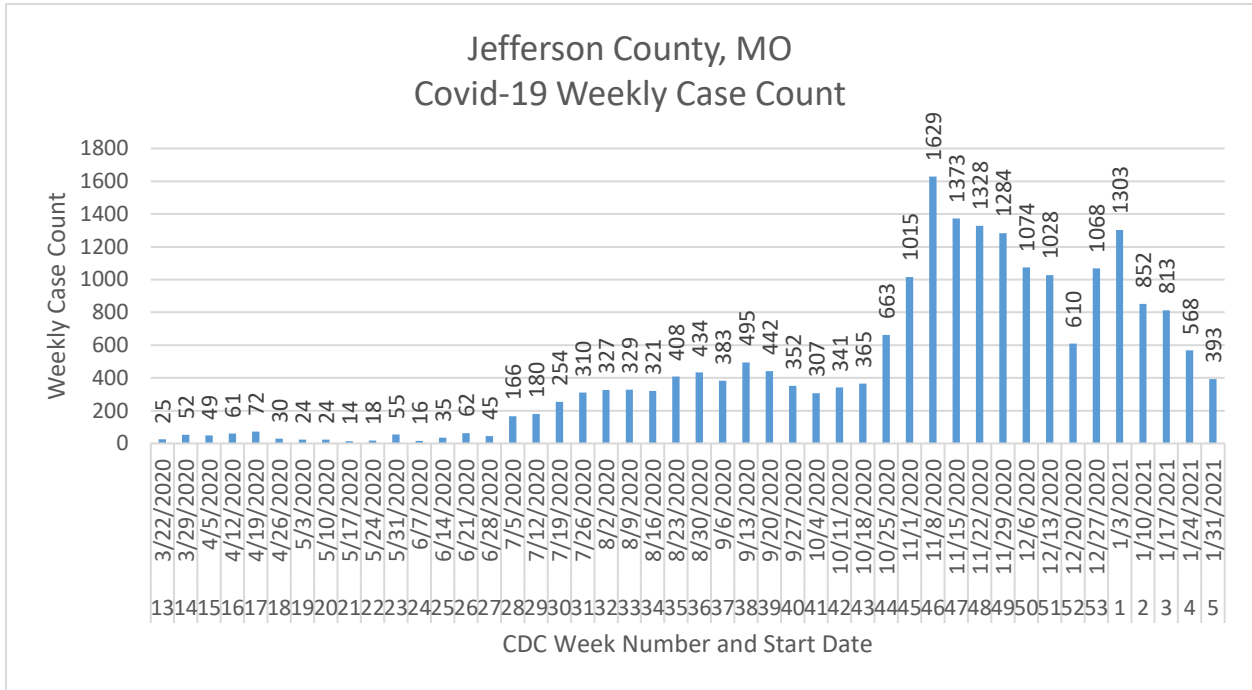


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

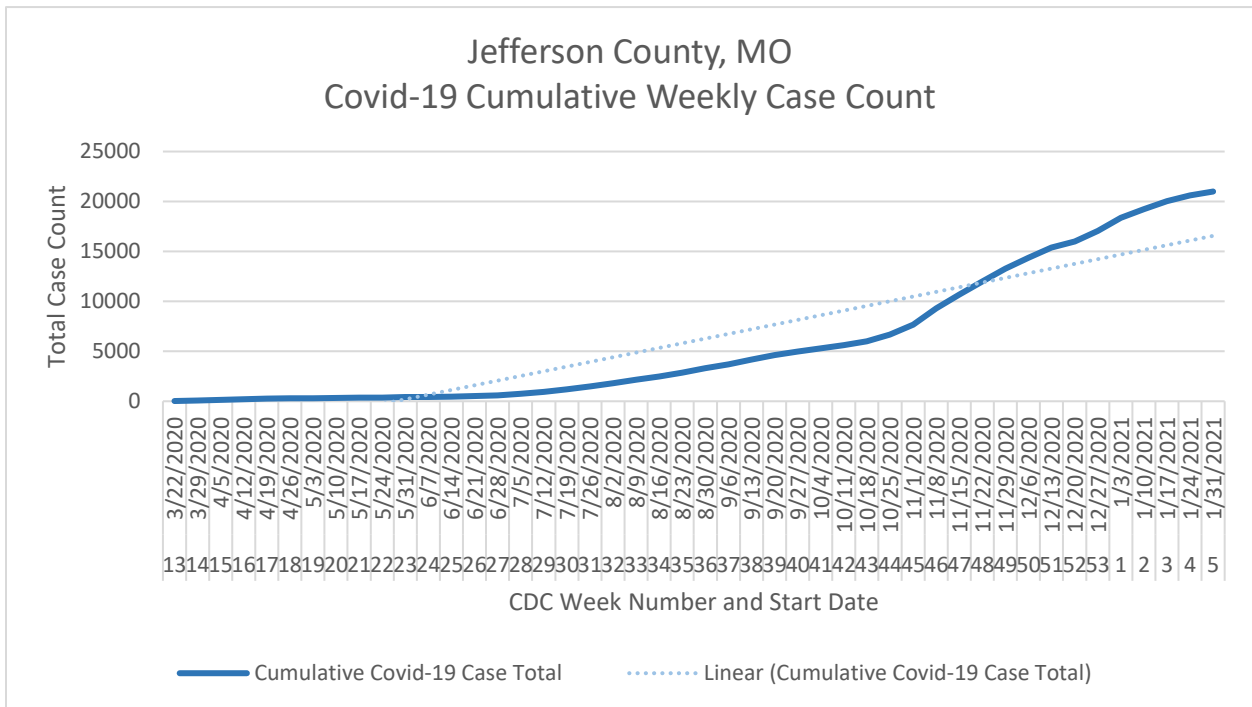


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

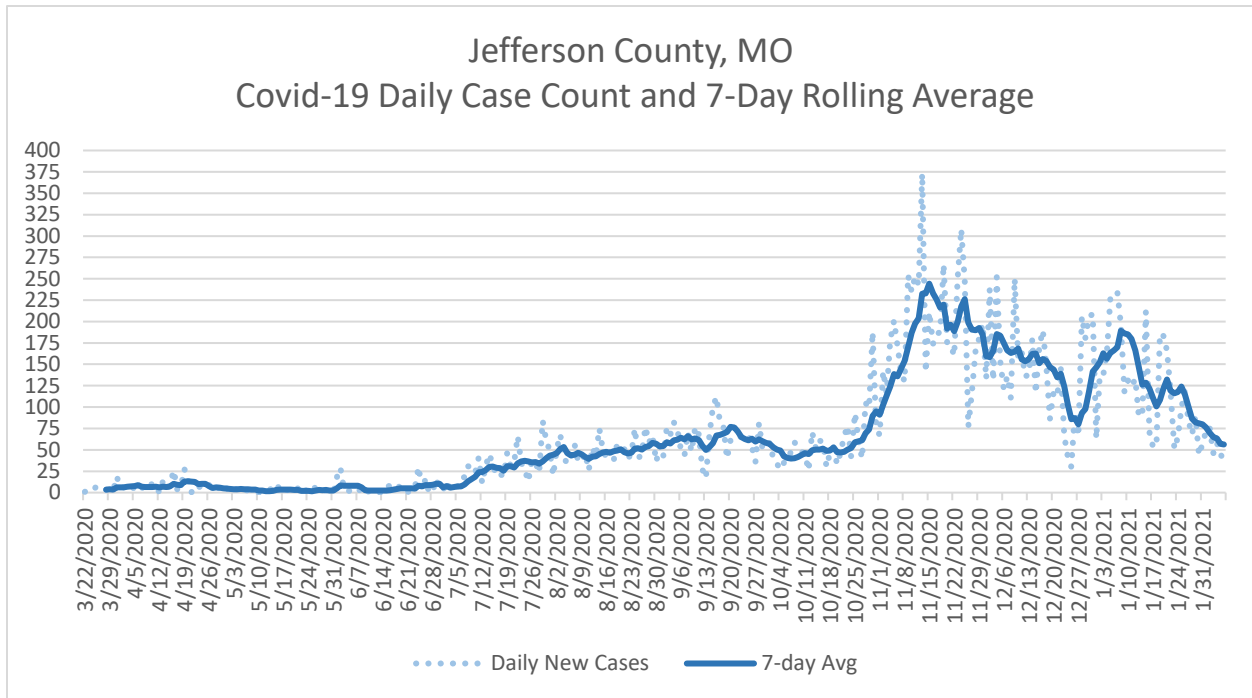


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

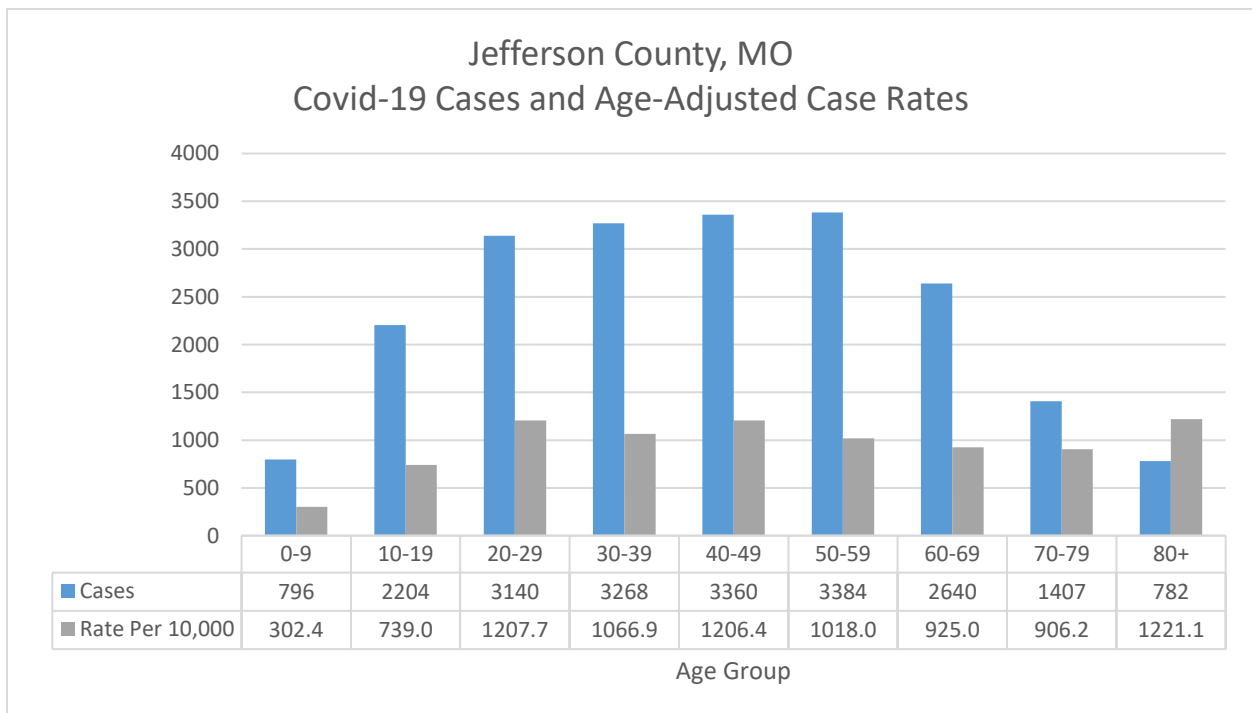


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

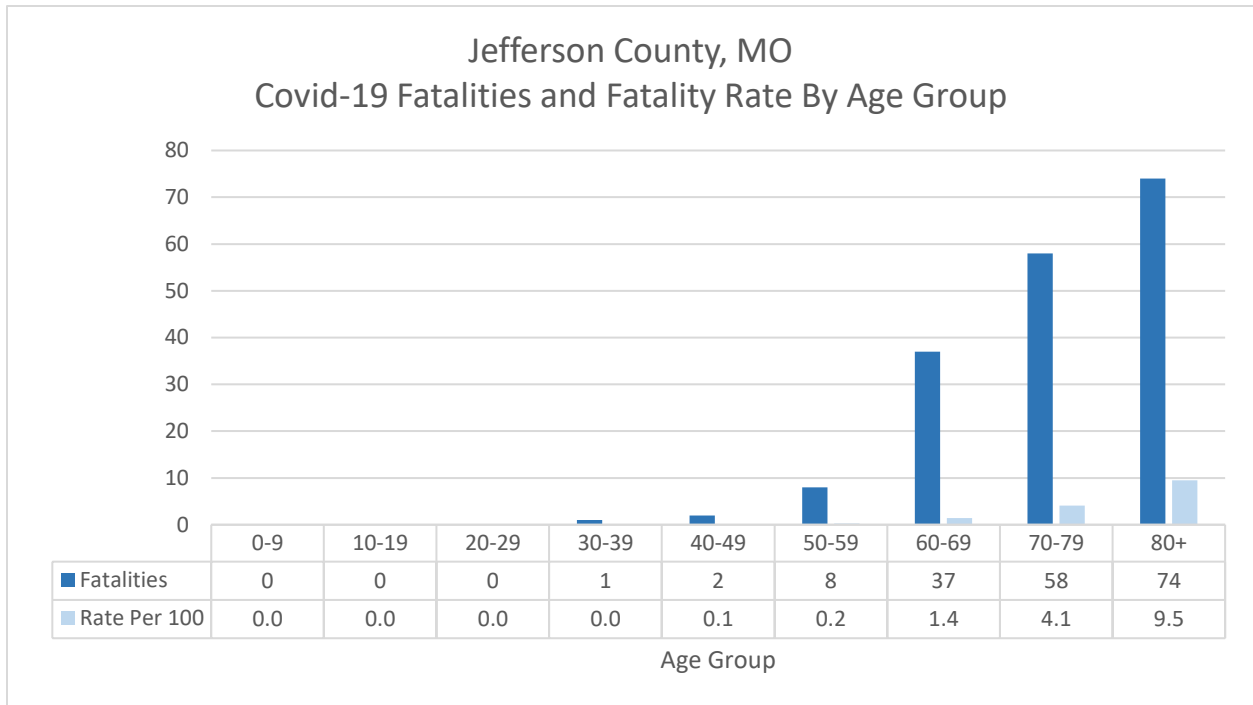


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.86%
Missouri	1.53%
US	1.72%

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

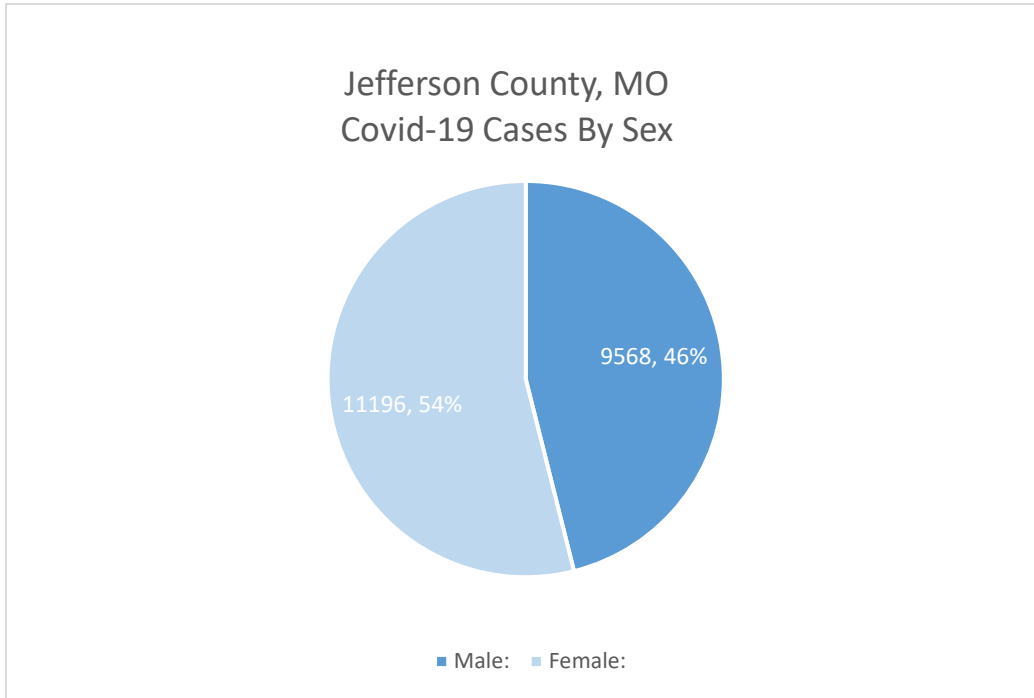


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

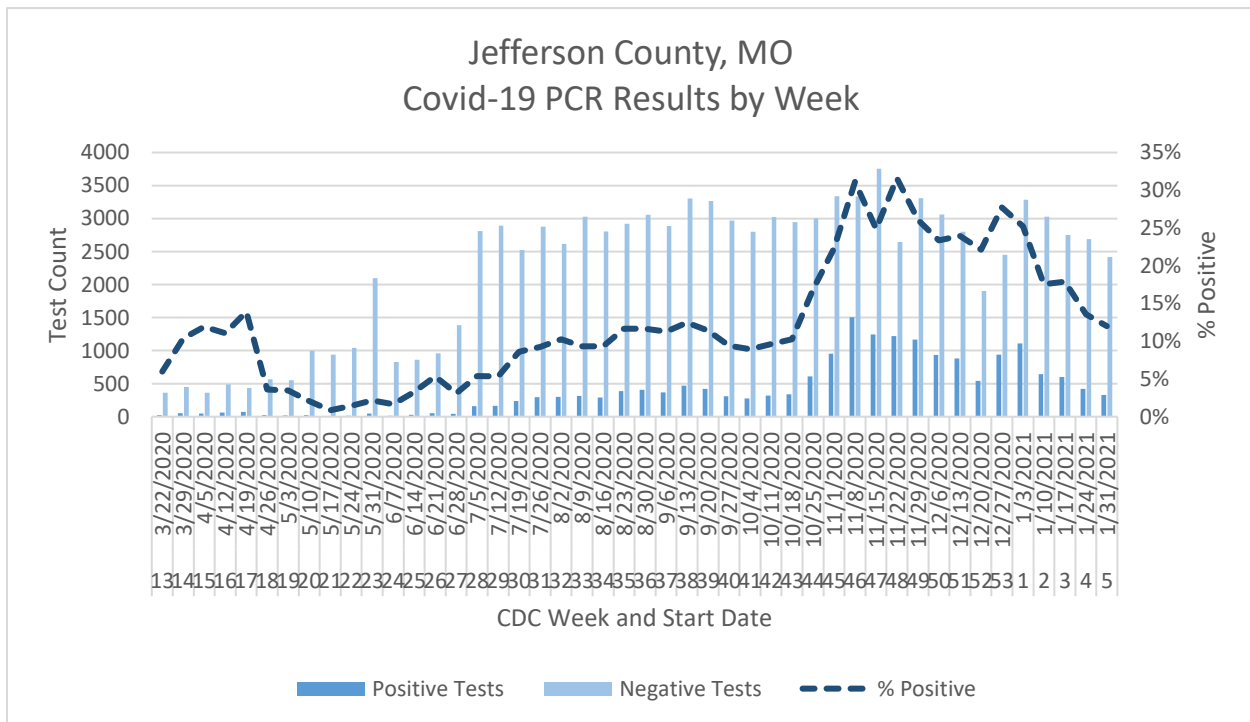


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

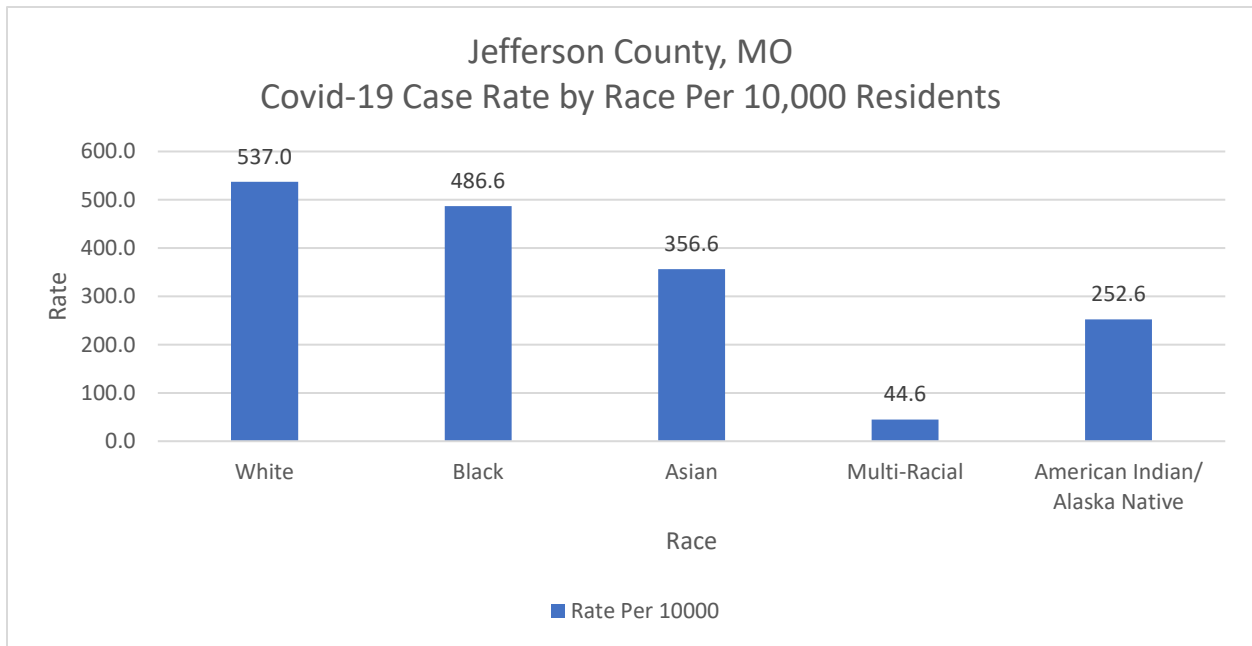
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
16	4/12/2020	61	490	551	11.1%
17	4/19/2020	70	433	503	13.9%
18	4/26/2020	21	566	587	3.6%
19	5/3/2020	20	553	573	3.5%
20	5/10/2020	21	997	1018	2.1%
21	5/17/2020	8	938	946	0.8%
22	5/24/2020	15	1040	1055	1.4%
23	5/31/2020	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	385	2923	3308	11.6%
36	8/30/2020	404	3057	3461	11.7%
37	9/6/2020	367	2889	3256	11.3%
38	9/13/2020	470	3302	3772	12.5%
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	321	3022	3343	9.6%
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	881	2798	3679	23.9%
52	12/20/2020	541	1905	2446	22.1%
53	12/27/2020	940	2453	3393	27.7%
1	1/3/2021	1107	3283	4390	25.2%
2	1/10/2021	644	3030	3674	17.5%
3	1/17/2021	599	2751	3350	17.9%
4	1/24/2021	422	2689	3111	13.6%
5	1/31/2021	329	2417	2746	12.0%

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

Race	Cases	Rate Per 10000
White	11578	537.0
Black	131	486.6
Asian	64	356.6
Multi-Racial	16	44.6
American Indian/ Alaska Native	17	252.6
Unknown	3367	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

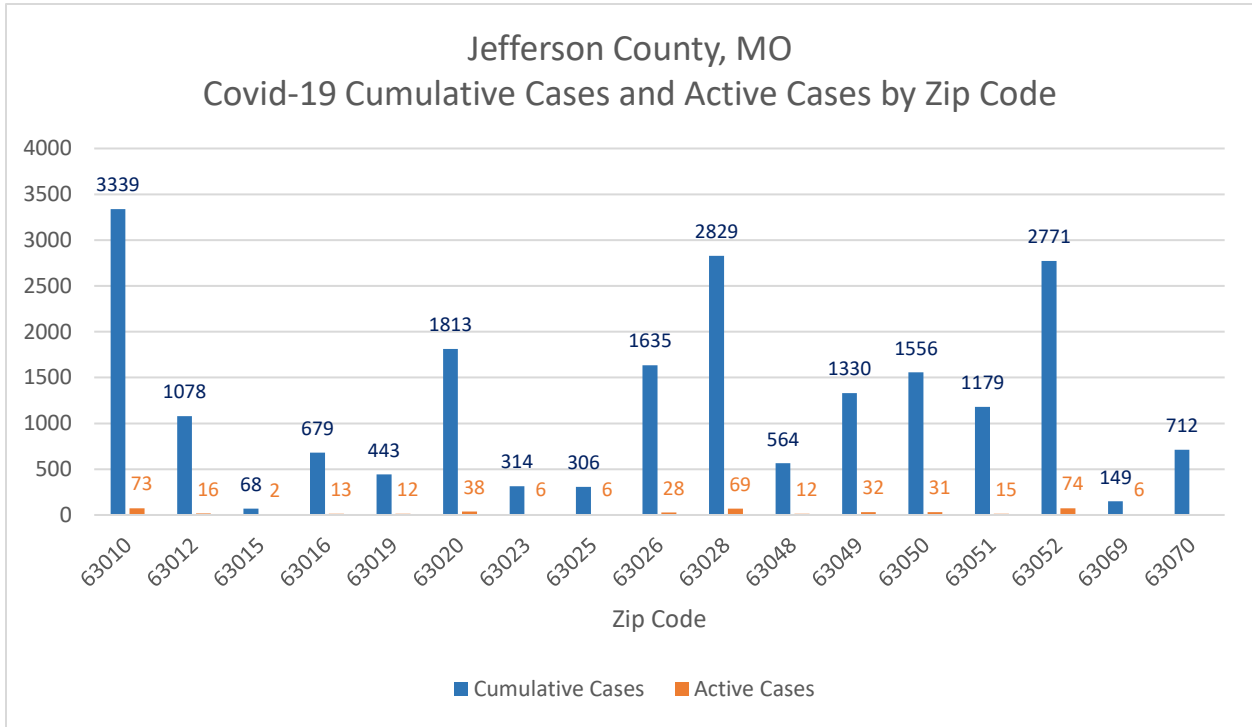
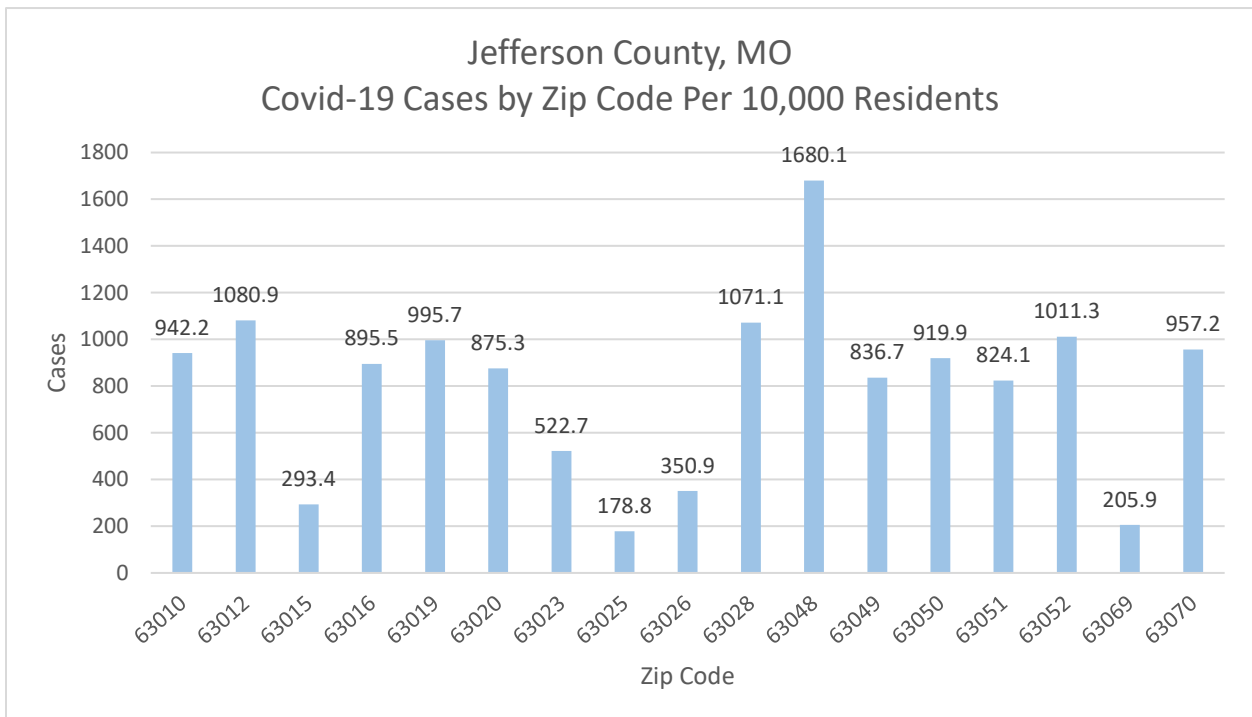


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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 5: January 31- February 6**

*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 5 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
18	4/26/2020	21	188
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	350	2425
36	8/30/2020	407	2832
37	9/6/2020	354	3186
38	9/13/2020	473	3659
39	9/20/2020	414	4073
40	9/27/2020	332	4405
41	10/4/2020	285	4690
42	10/11/2020	322	5012
43	10/18/2020	350	5362
44	10/25/2020	634	5996
45	11/1/2020	981	6977
46	11/8/2020	1567	8544
47	11/15/2020	1329	9873
48	11/22/2020	1271	11144
49	11/29/2020	1215	12359
50	12/6/2020	1004	13363
51	12/13/2020	987	14350
52	12/20/2020	596	14946
53	12/27/2020	1033	15979
1	1/3/2021	1233	17212
2	1/10/2021	818	18030
3	1/17/2021	752	18782
4	1/24/2021	553	19335
5	1/31/2021	388	19723

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

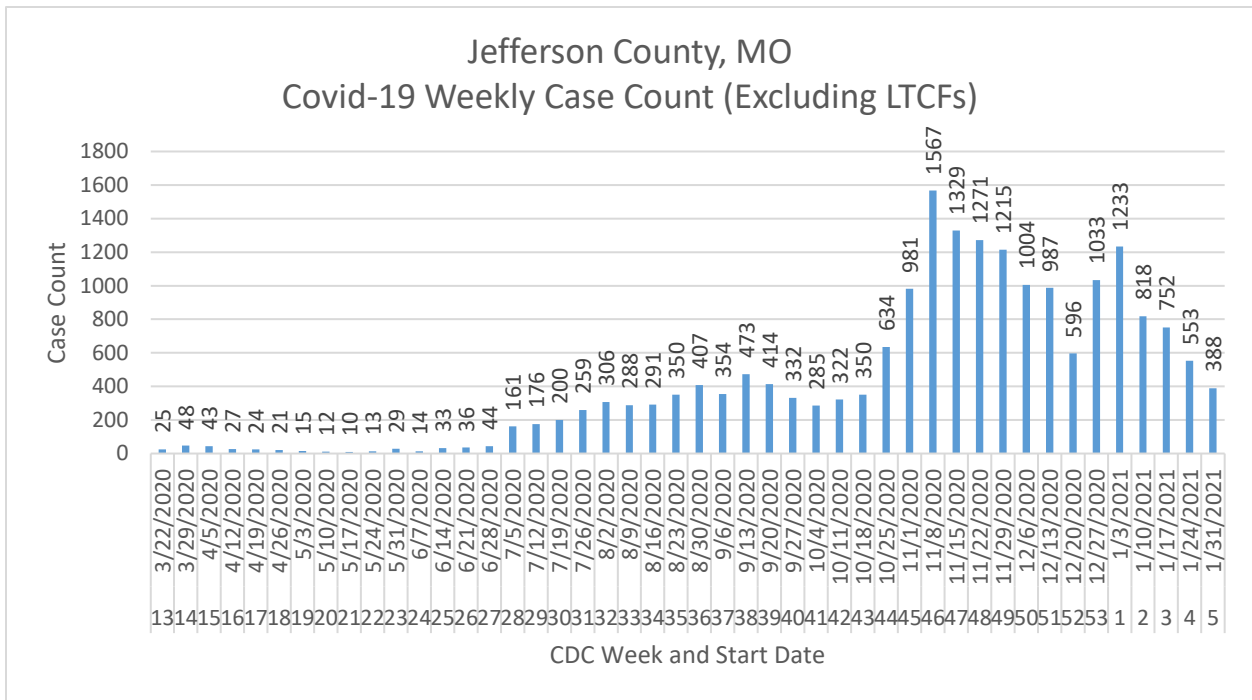


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

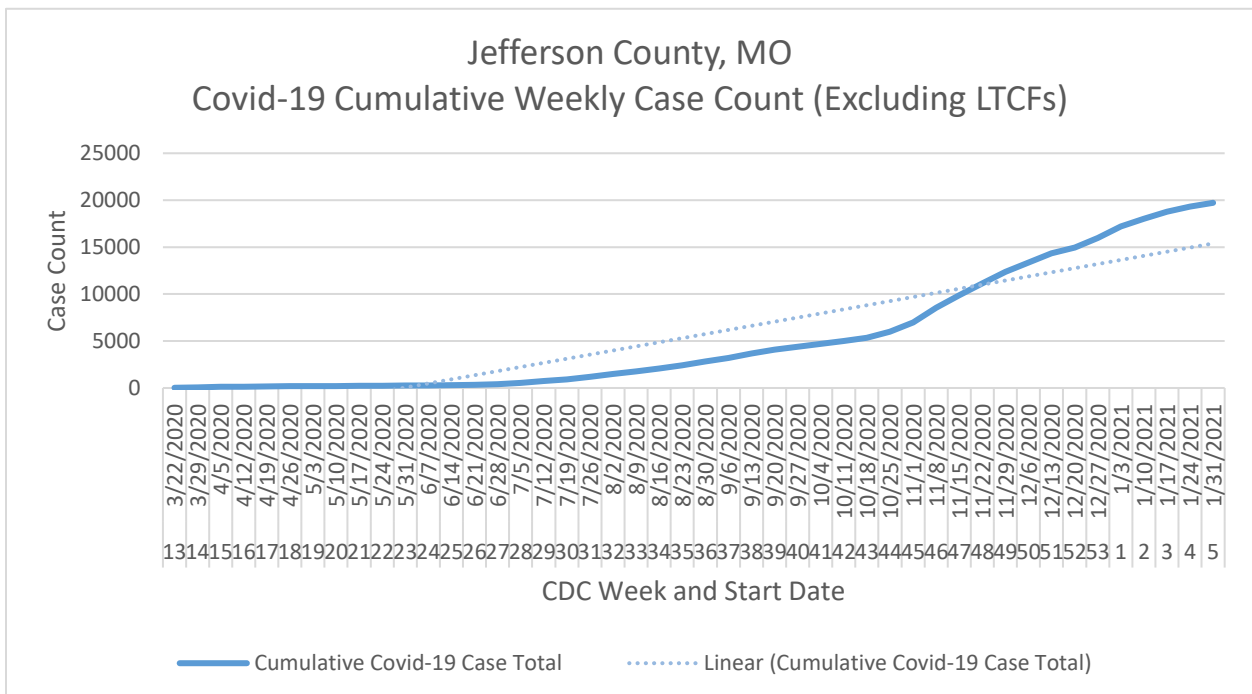


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

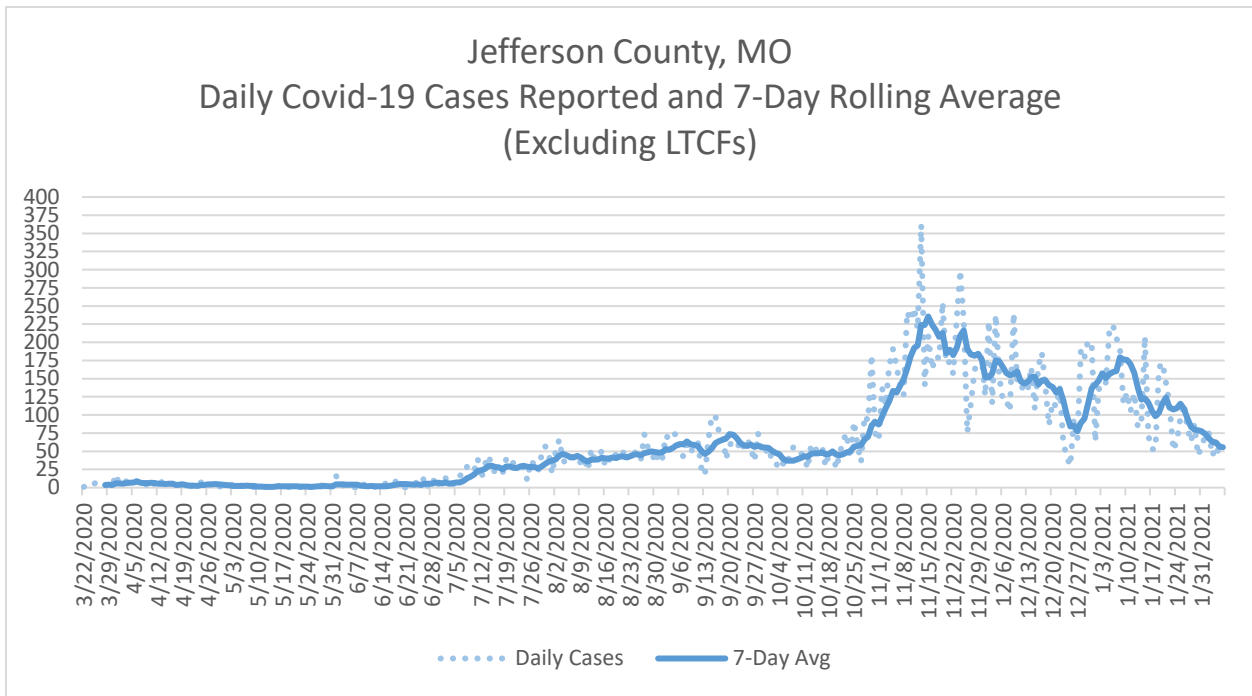


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

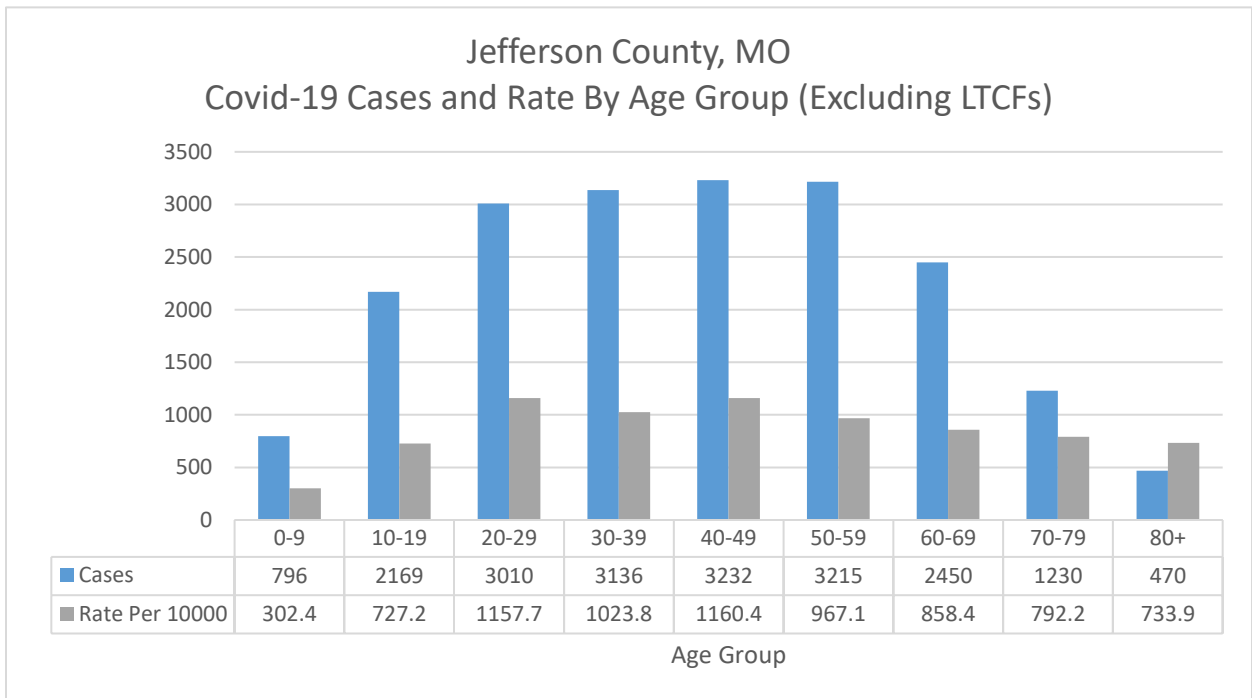


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

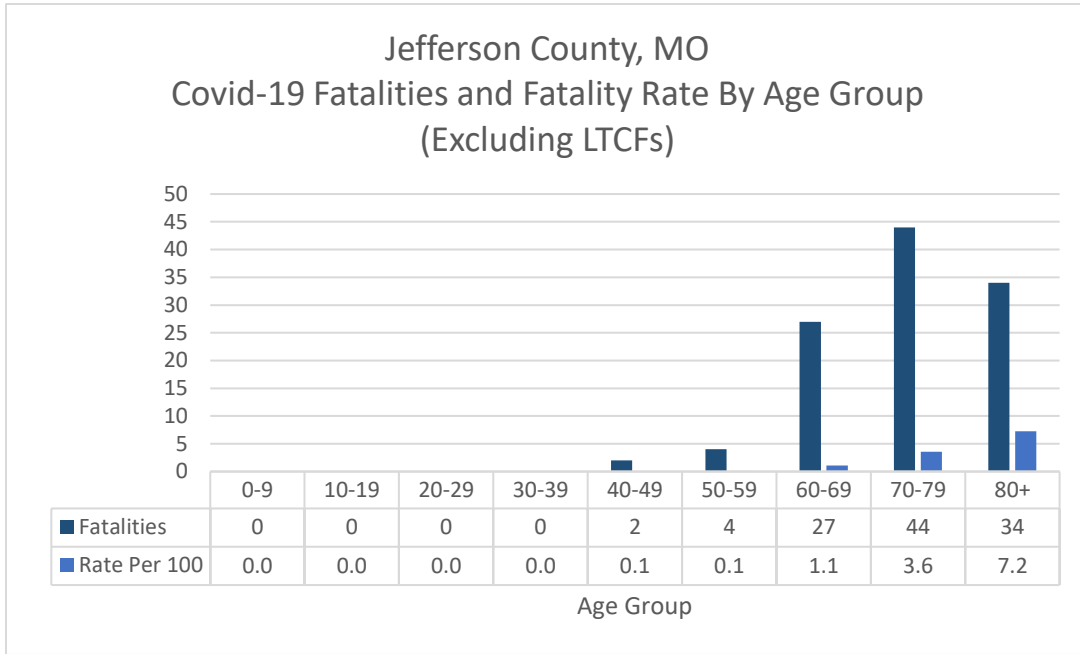


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)\*

<b>Jefferson County</b>	<b>.56%</b>

\*Missouri and United States data unavailable

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

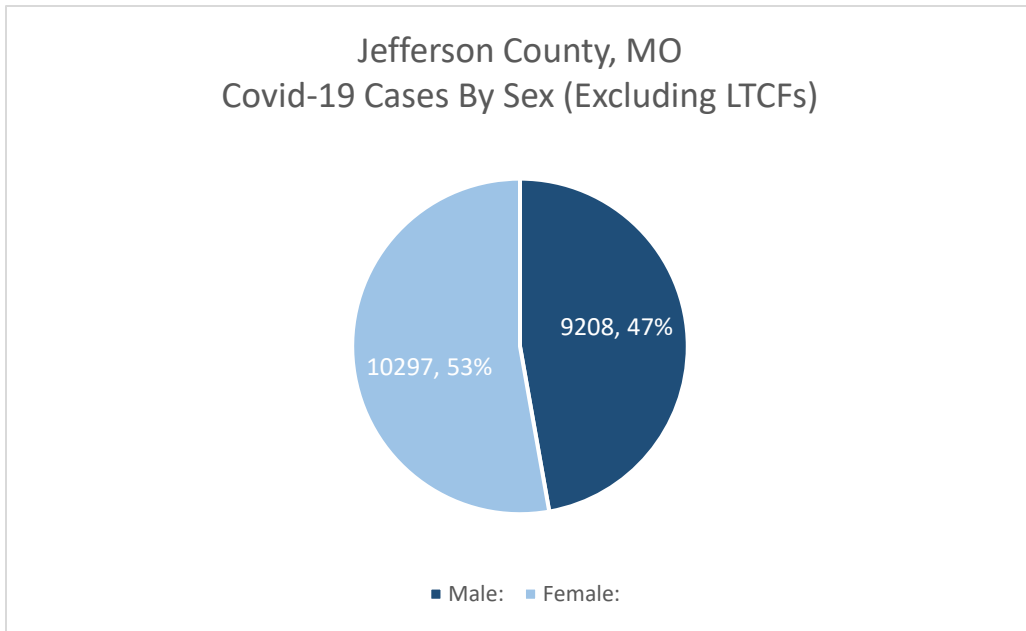


Figure 7. Covid-19 PCR Test Results by Week (Excluding LTCFs), Jefferson County, Missouri

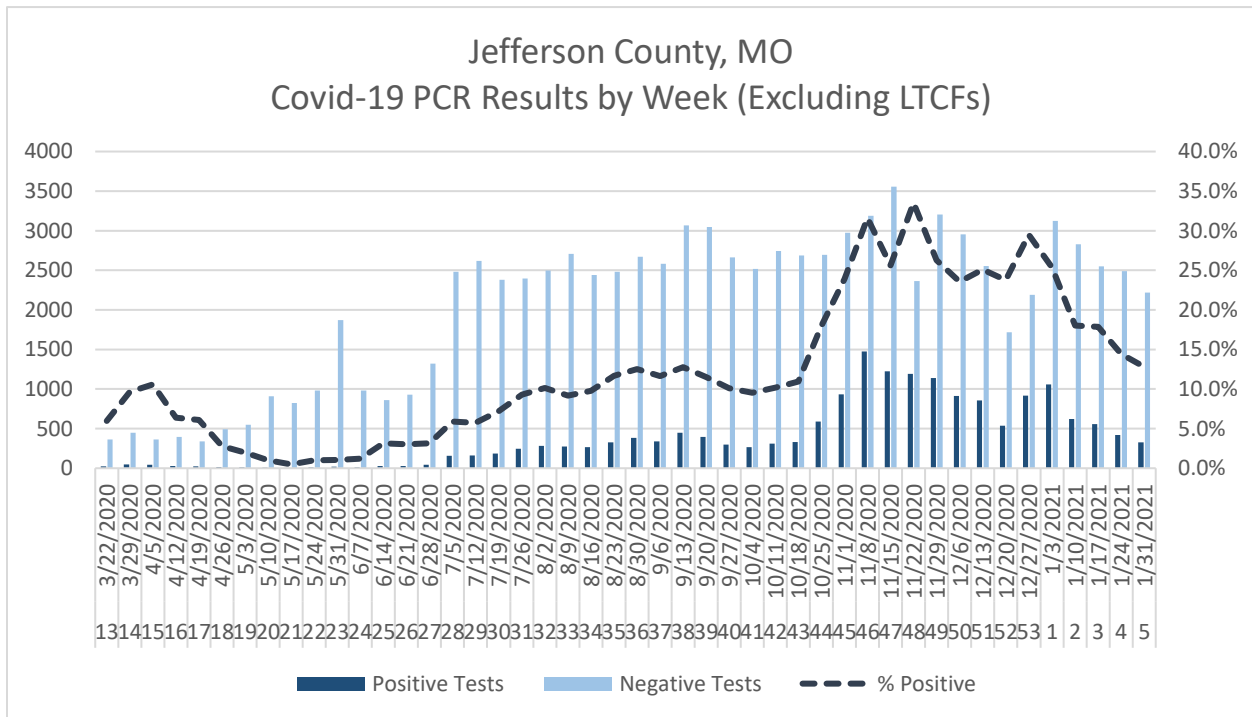


Table 3. Covid-19 PCR Test Results and Percent Positive by Week, Jefferson County (Excluding LTCFs), Missouri

CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
16	4/12/2020	27	396	423	6.4%
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	328	2482	2810	11.7%
36	8/30/2020	382	2672	3054	12.5%
37	9/6/2020	340	2582	2922	11.6%
38	9/13/2020	448	3066	3514	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	311	2745	3056	10.2%
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	856	2555	3411	25.1%
52	12/20/2020	535	1717	2252	23.8%
53	12/27/2020	916	2189	3105	29.5%
1	1/3/2021	1059	3124	4183	25.3%
2	1/10/2021	622	2829	3451	18.0%
3	1/17/2021	555	2551	3106	17.9%
4	1/24/2021	419	2489	2908	14.4%
5	1/31/2021	325	2217	2542	12.8%

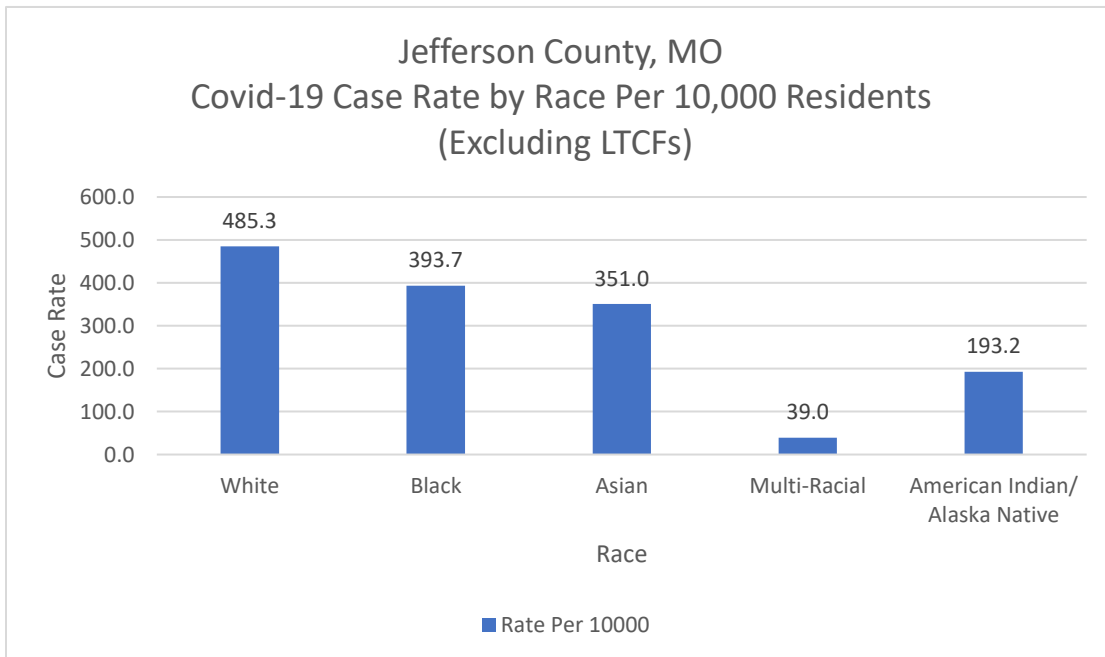


Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County (Excluding LTCFs), Missouri\*

Race	Cases	Rate Per 10000
White	10463	485.3
Black	106	393.7
Asian	63	351.0
Multi-Racial	14	39.0
American Indian/ Alaska Native	13	193.2
Unknown	3289	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

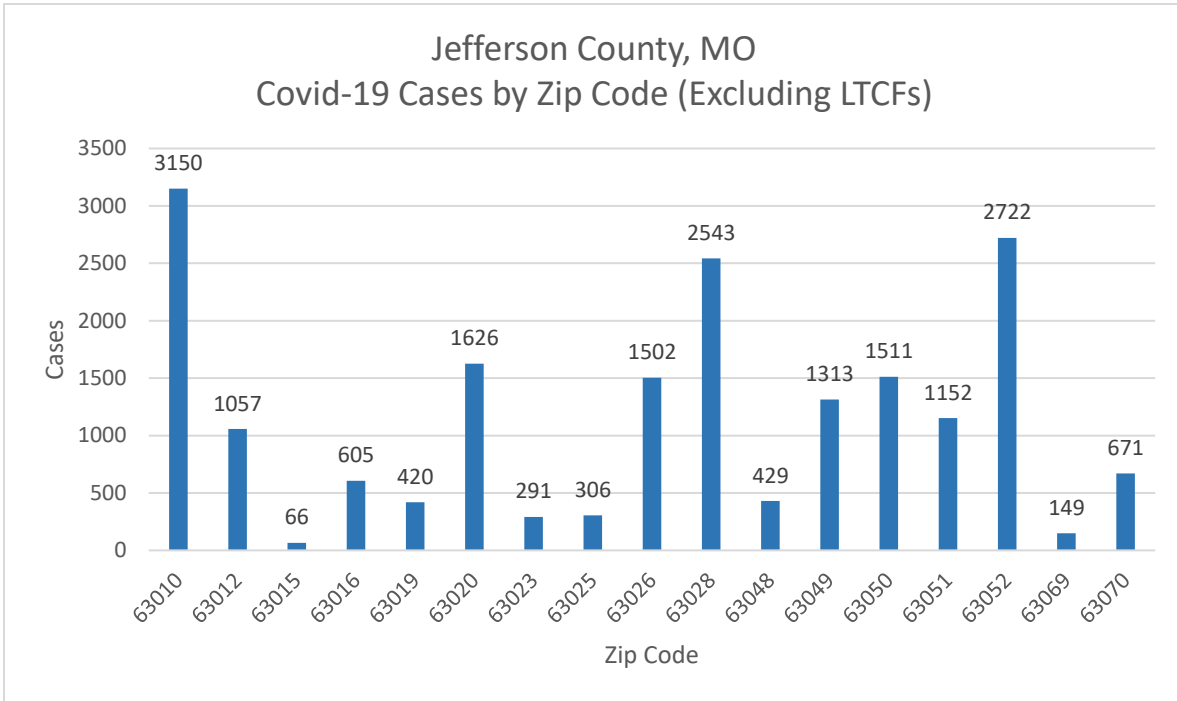
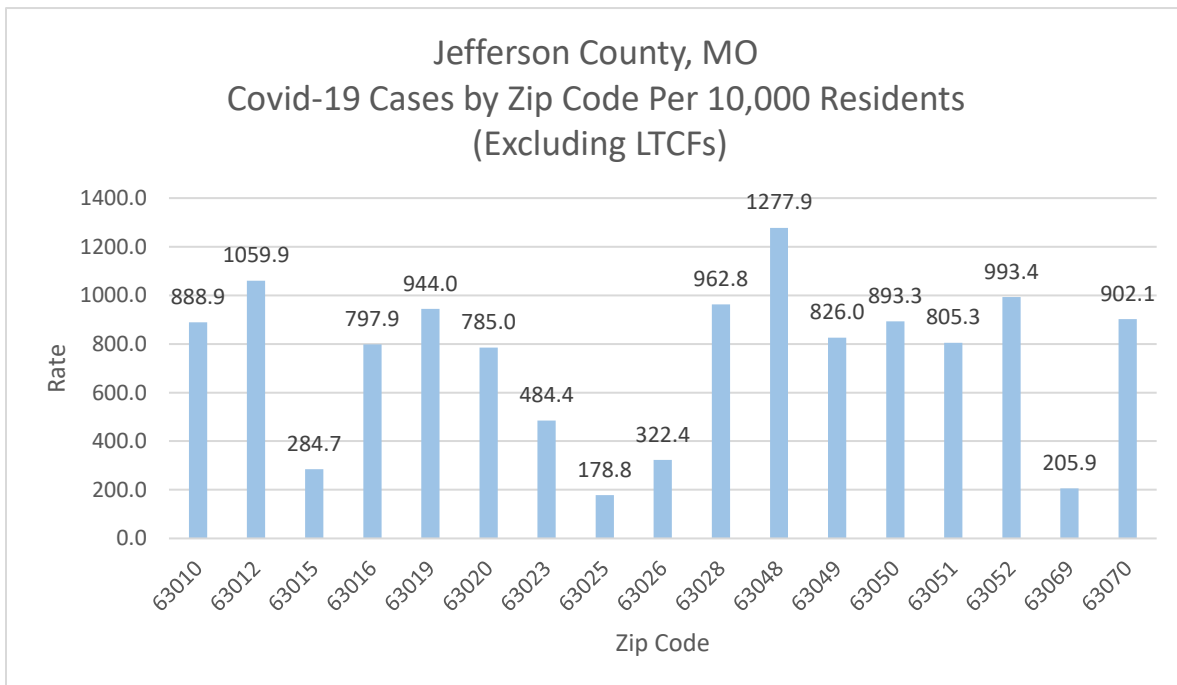


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

**Week 5: January 31- February 6**

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

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**SUMMARY:**

- During Week 5 a total of 95 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 3000 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
19	5/3/2020	0	3
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	38	206
34	8/16/2020	48	254
35	8/23/2020	59	313
36	8/30/2020	64	377
37	9/6/2020	61	438
38	9/13/2020	92	530
39	9/20/2020	67	597
40	9/27/2020	52	649
41	10/4/2020	31	680
42	10/11/2020	41	721
43	10/18/2020	46	767
44	10/25/2020	95	862
45	11/1/2020	159	1021
46	11/8/2020	243	1264
47	11/15/2020	204	1468
48	11/22/2020	158	1626
49	11/29/2020	177	1803
50	12/6/2020	160	1963
51	12/13/2020	158	2121
52	12/20/2020	91	2212
53	12/27/2020	140	2352
1	1/3/2021	218	2570
2	1/10/2021	144	2714
3	1/17/2021	108	2822
4	1/24/2021	83	2905
5	1/31/2021	95	3000

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

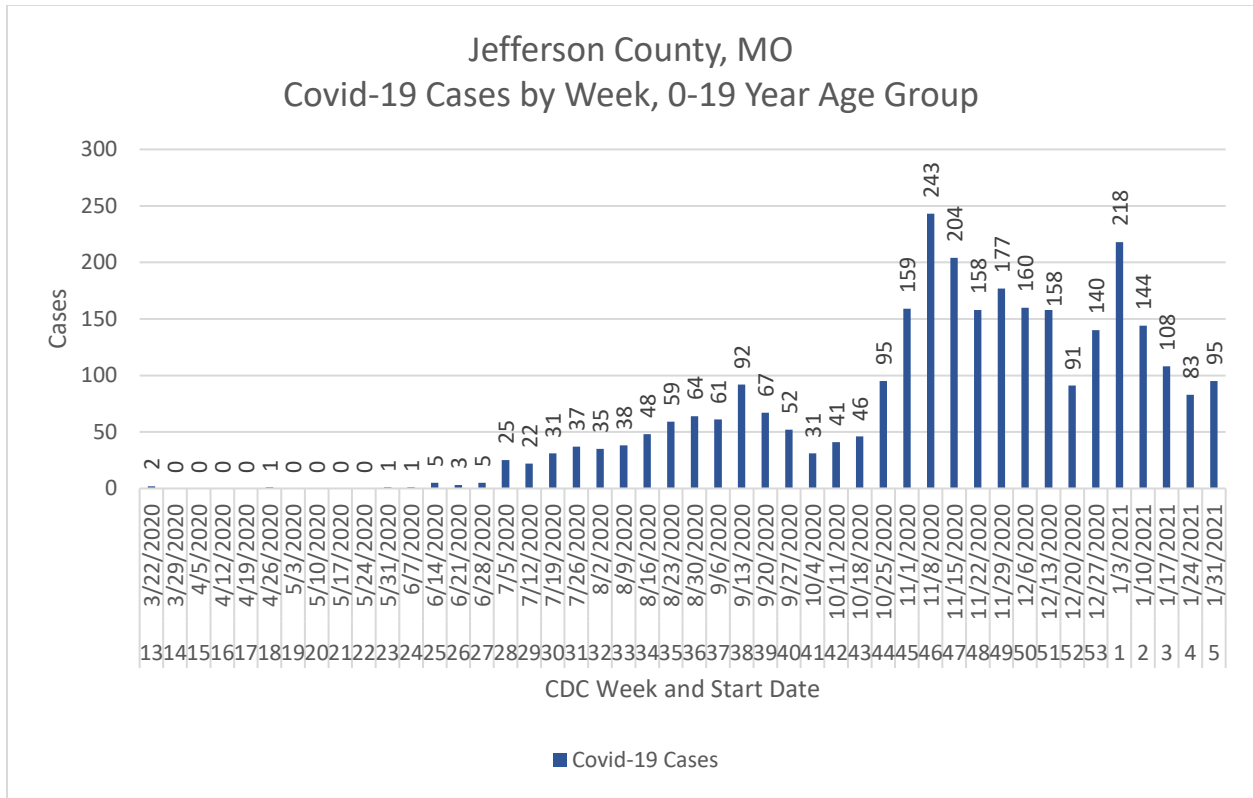


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	796	3.79%
10-19	2204	10.50%
20+	17981	85.64%

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

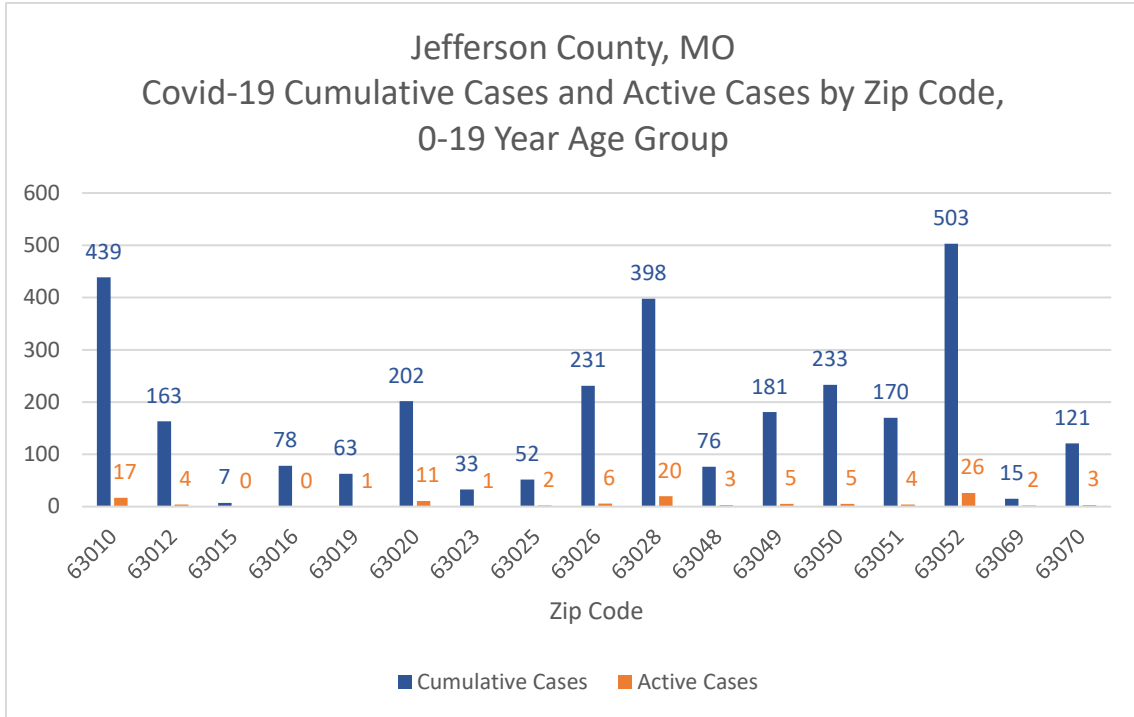


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

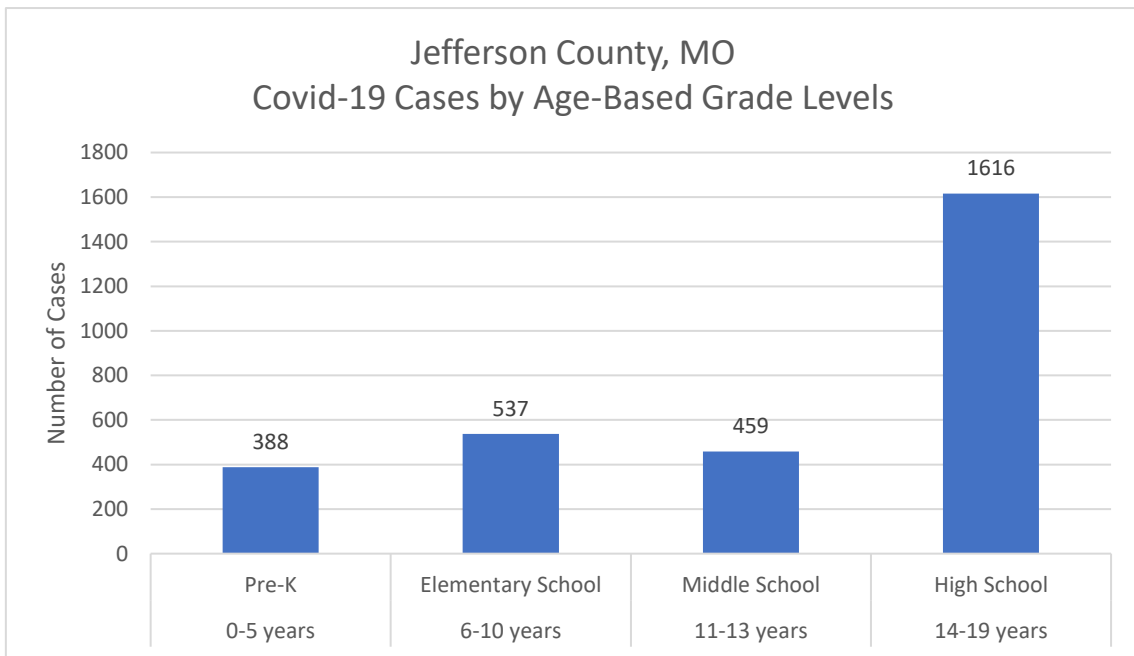


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

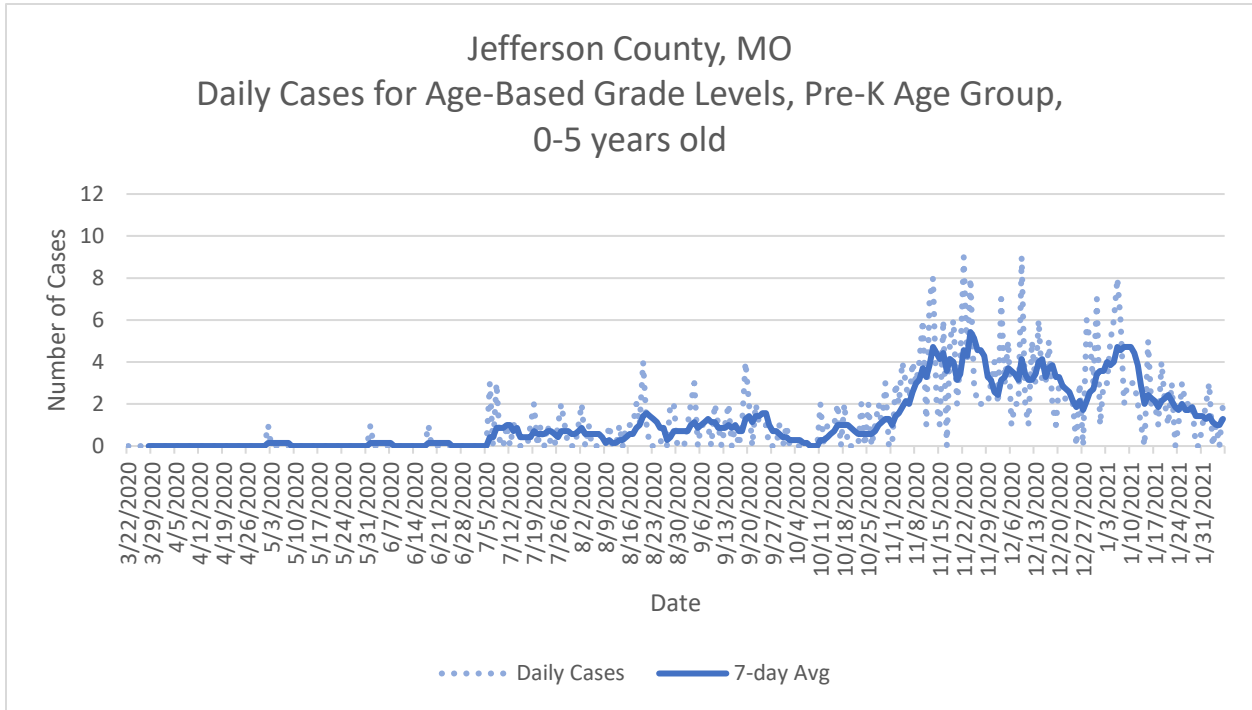


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

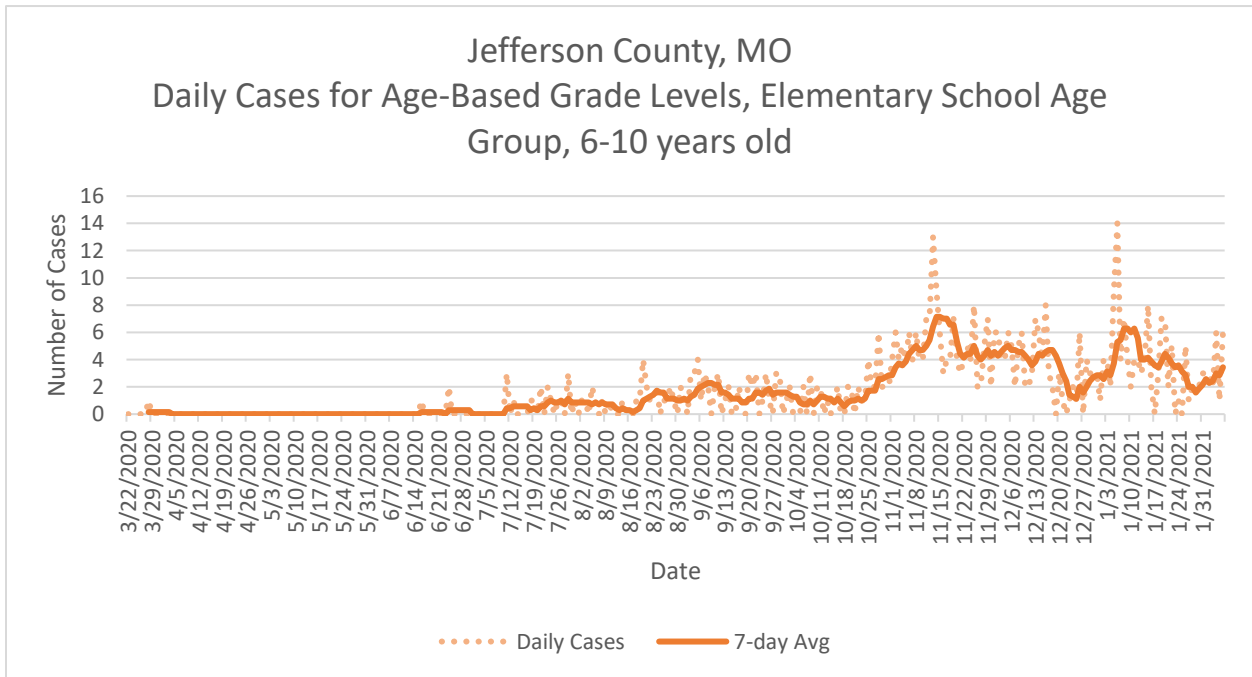


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

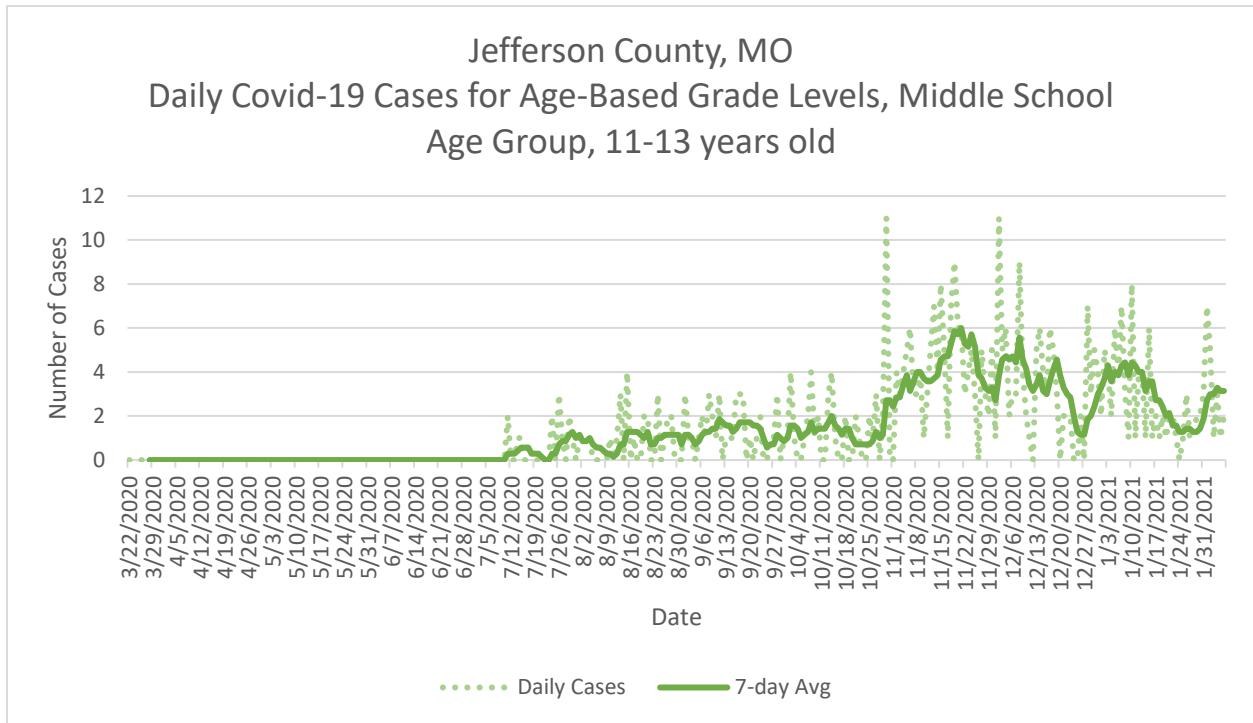


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

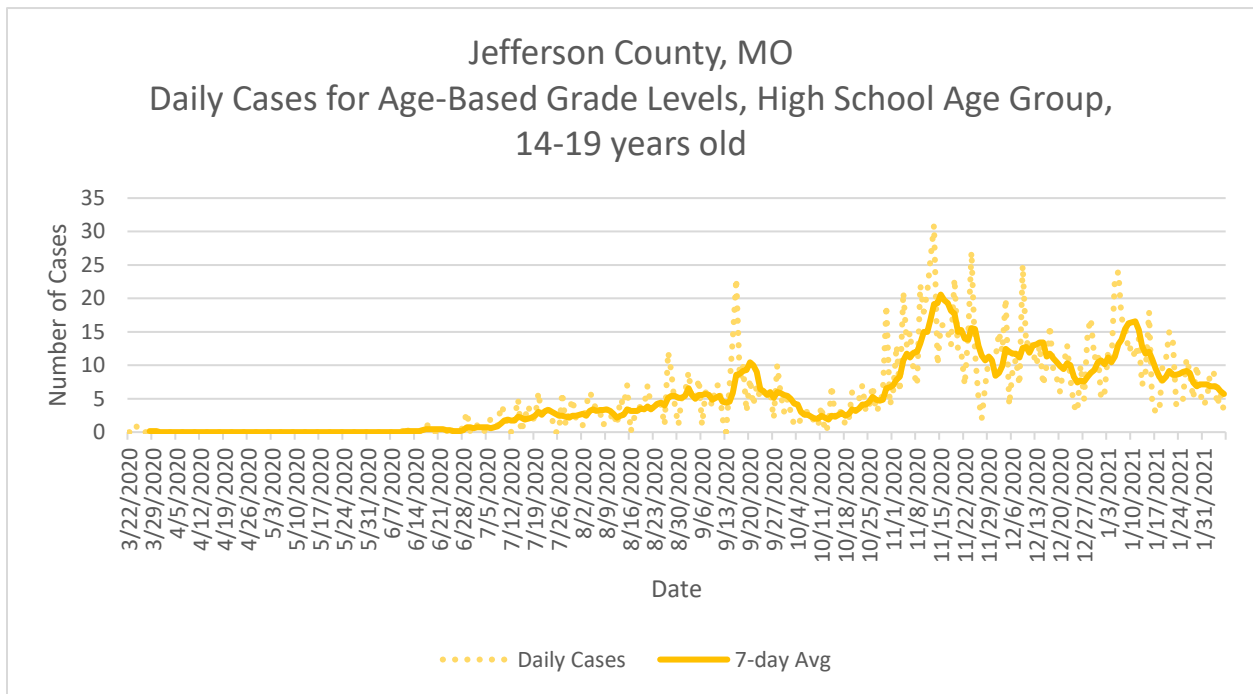




Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

