



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 1: January 3- January 9**

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

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**SUMMARY:**

- During Week 1 a total of 1320 confirmed and probable Covid-19 cases were reported in Jefferson County. A year-to-date total of 18482 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 1.
- One hundred fifty Covid-19 associated deaths have been reported in Jefferson County as of Week 1.
- Twenty-five 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
14	3/29/2020	52	77
15	4/5/2020	49	126
16	4/12/2020	61	187
17	4/19/2020	72	259
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	64	539
27	6/28/2020	45	584
28	7/5/2020	166	750
29	7/12/2020	180	930
30	7/19/2020	255	1185
31	7/26/2020	313	1498
32	8/2/2020	328	1826
33	8/9/2020	327	2153
34	8/16/2020	322	2475
35	8/23/2020	410	2885
36	8/30/2020	433	3318
37	9/6/2020	388	3706
38	9/13/2020	496	4202
39	9/20/2020	440	4642
40	9/27/2020	351	4993
41	10/4/2020	307	5300
42	10/11/2020	344	5644
43	10/18/2020	366	6010
44	10/25/2020	667	6677
45	11/1/2020	1030	7707
46	11/8/2020	1632	9339
47	11/15/2020	1377	10716
48	11/22/2020	1331	12047
49	11/29/2020	1298	13345
50	12/6/2020	1085	14430
51	12/13/2020	1041	15471
52	12/20/2020	616	16087
53	12/27/2020	1075	17162
1	1/3/2021	1320	18482

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

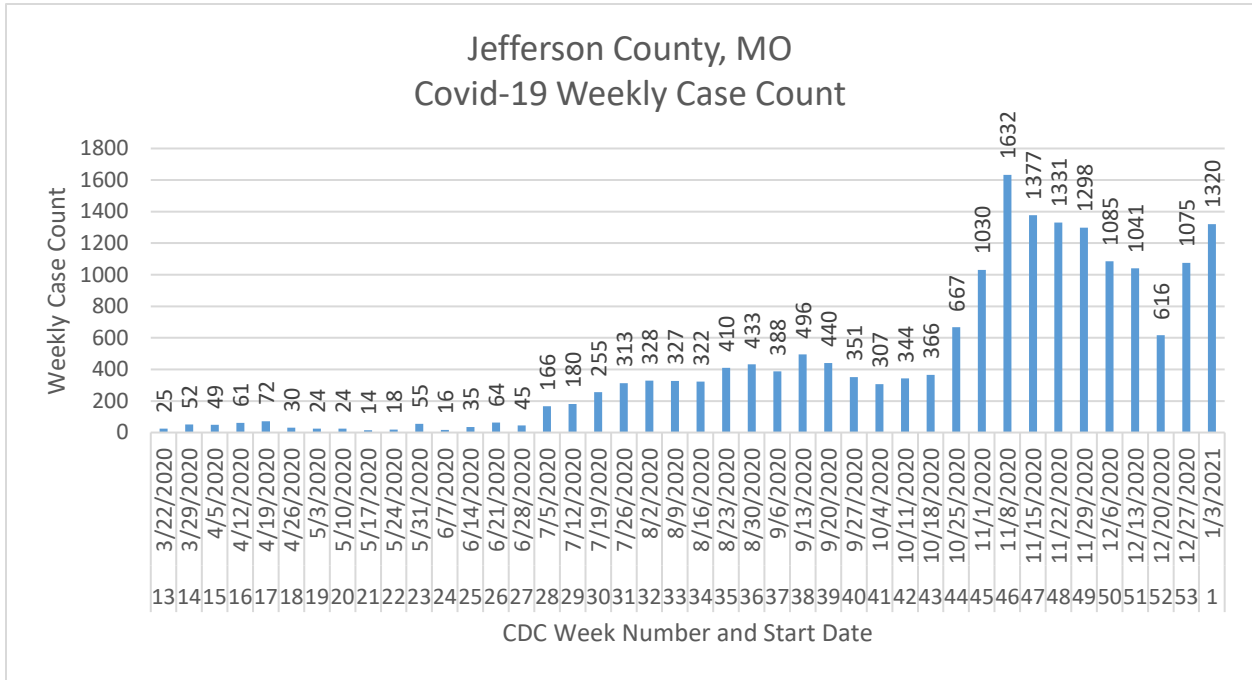


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

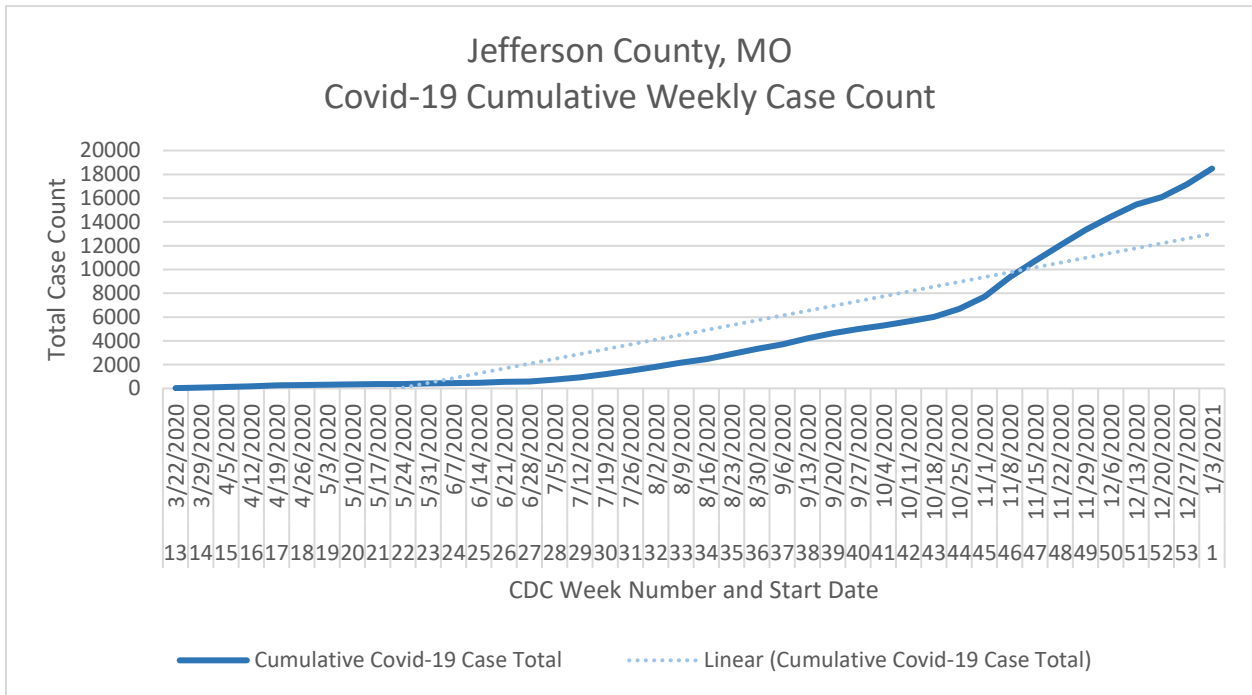


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

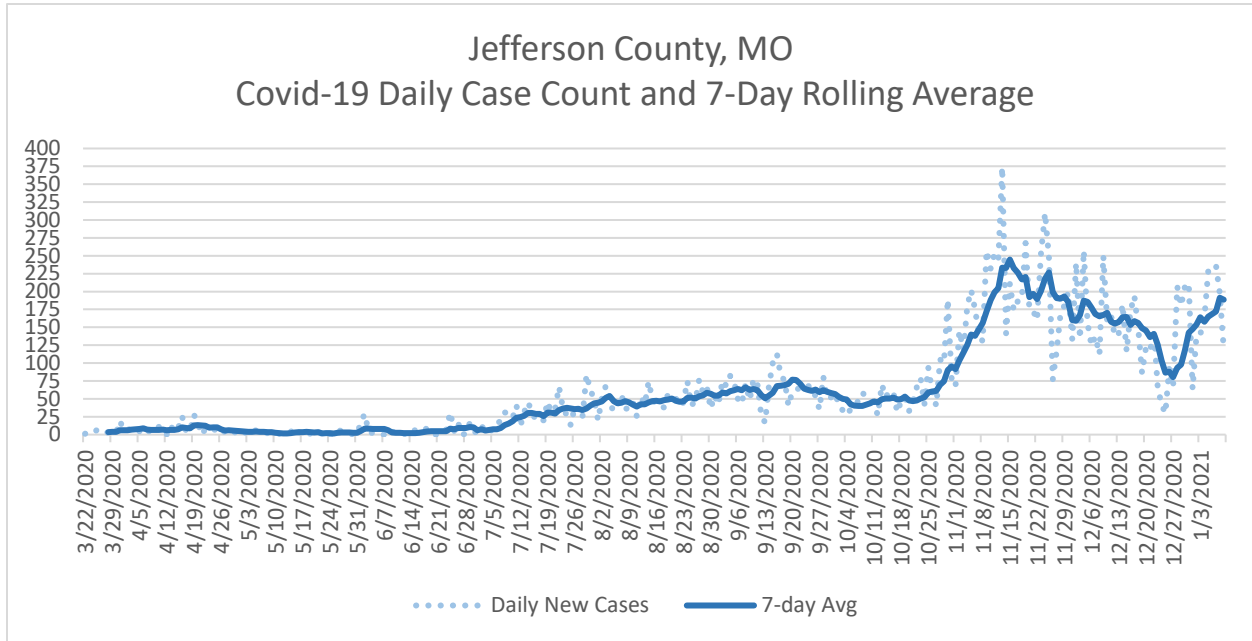


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

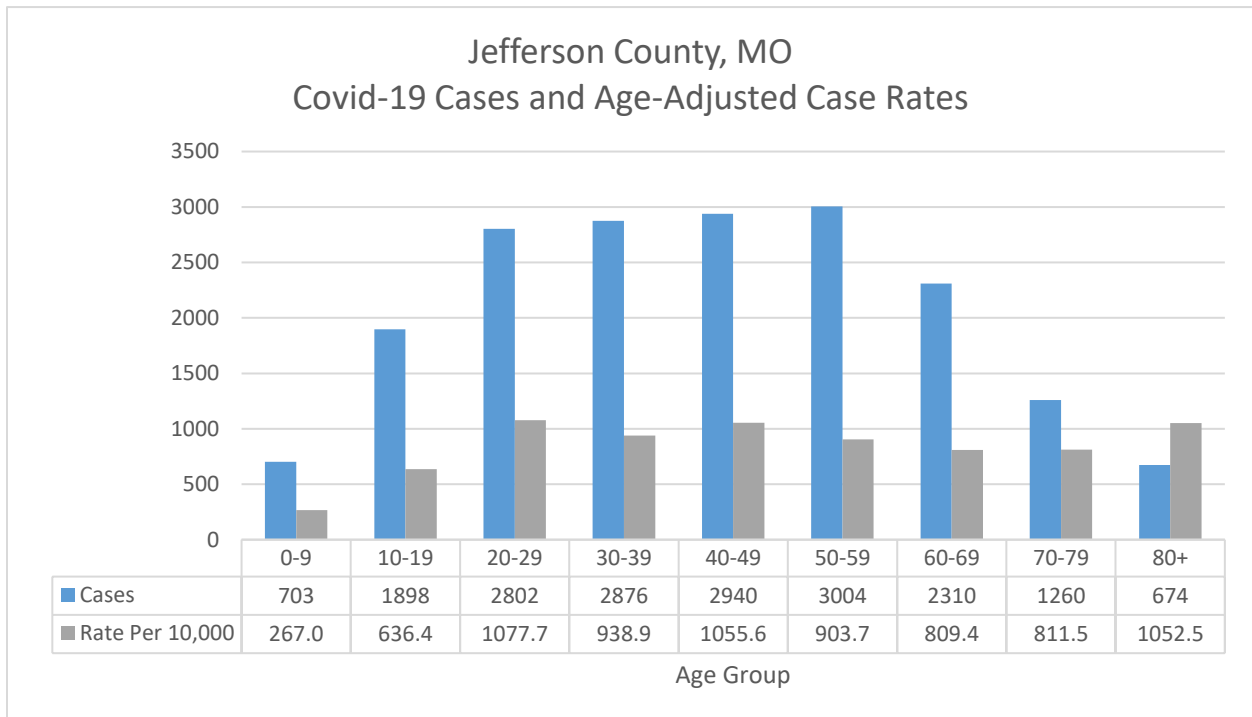


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

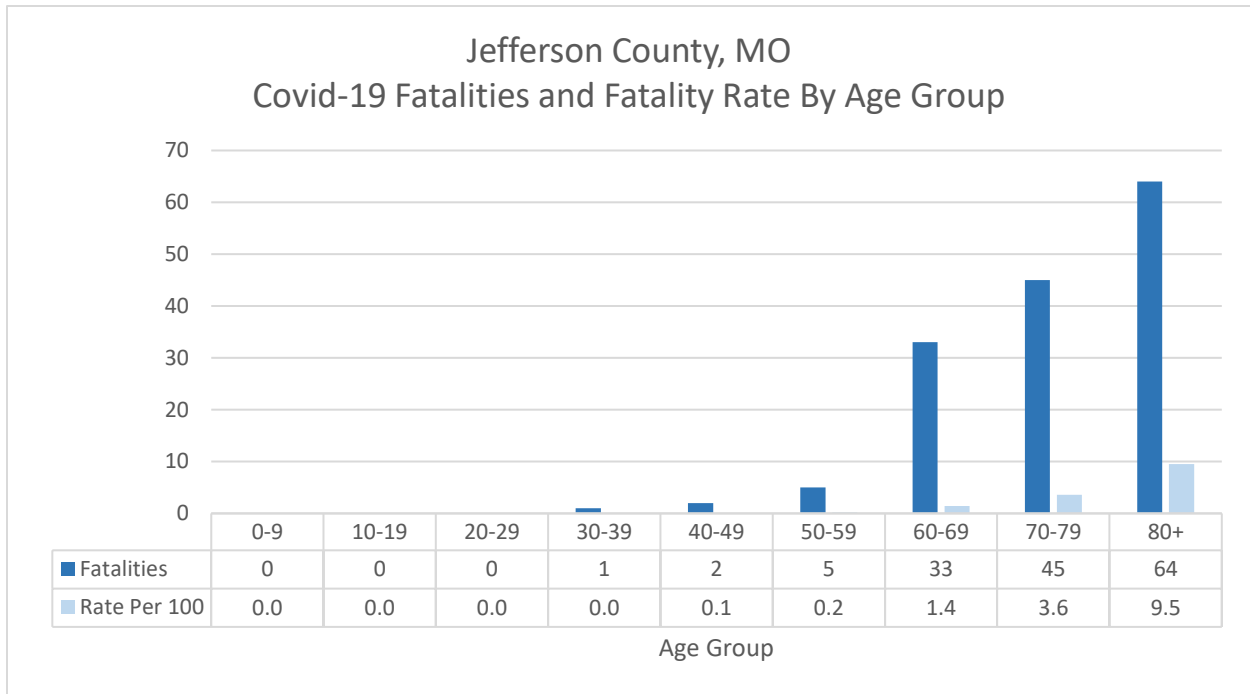


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.81%
Missouri	1.40%
US	1.67%

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

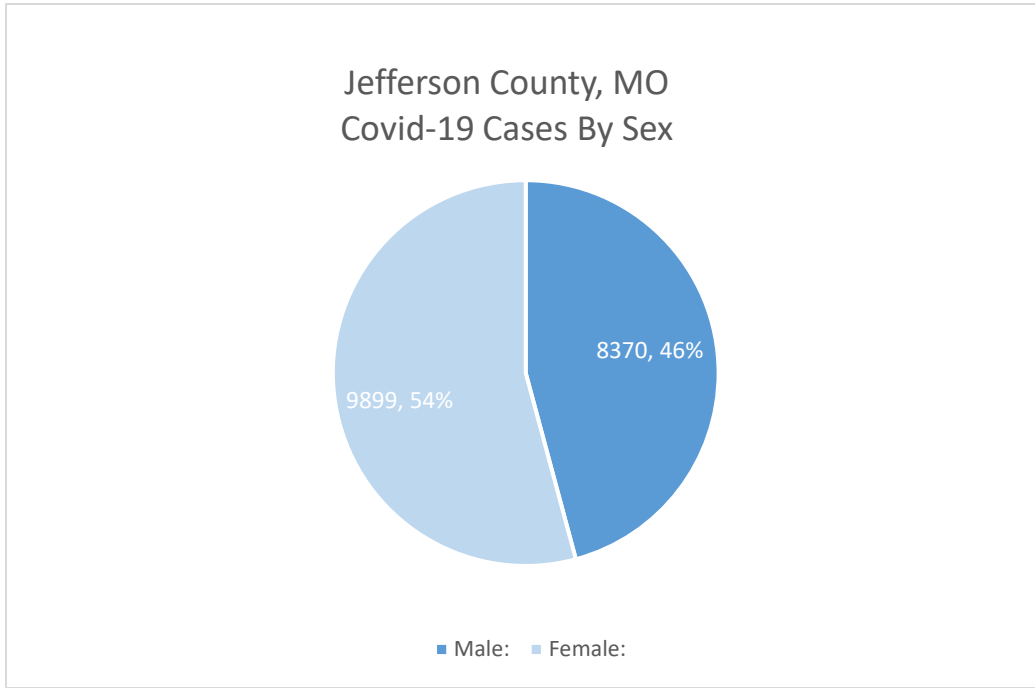


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

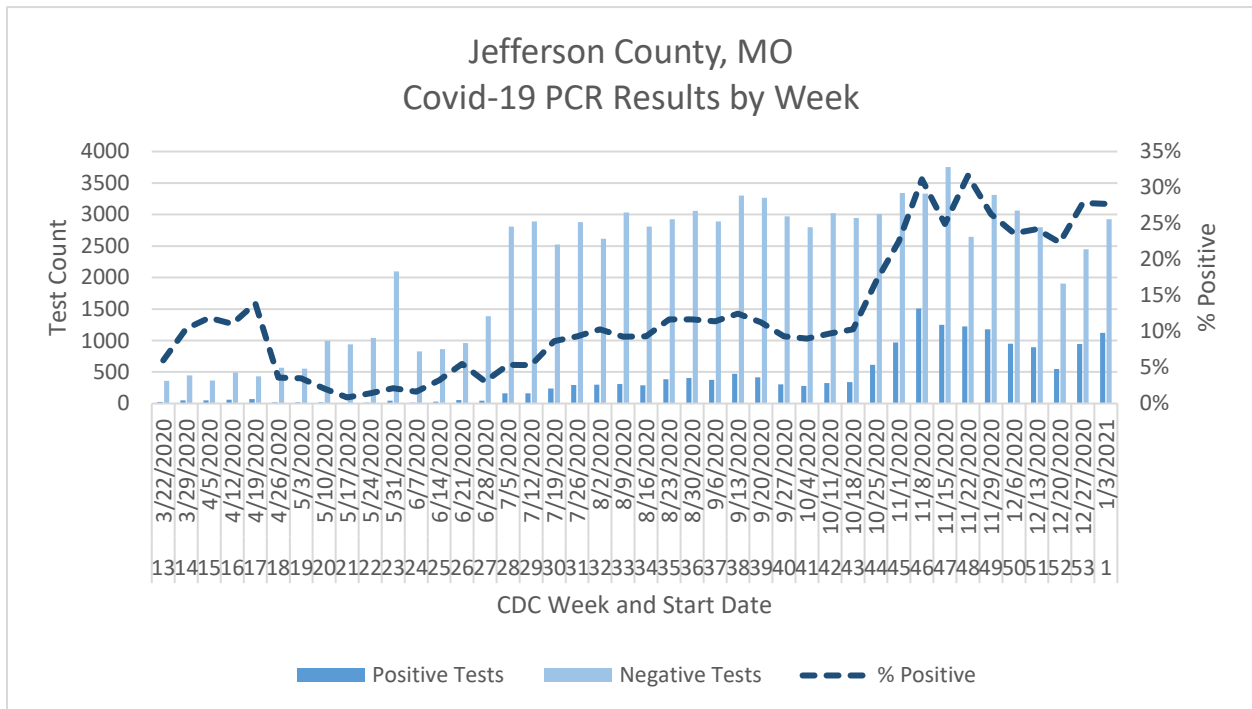


Table 3. Covid-19 PCR Test Results and Percent Positive  
by Week, Jefferson County, Missouri

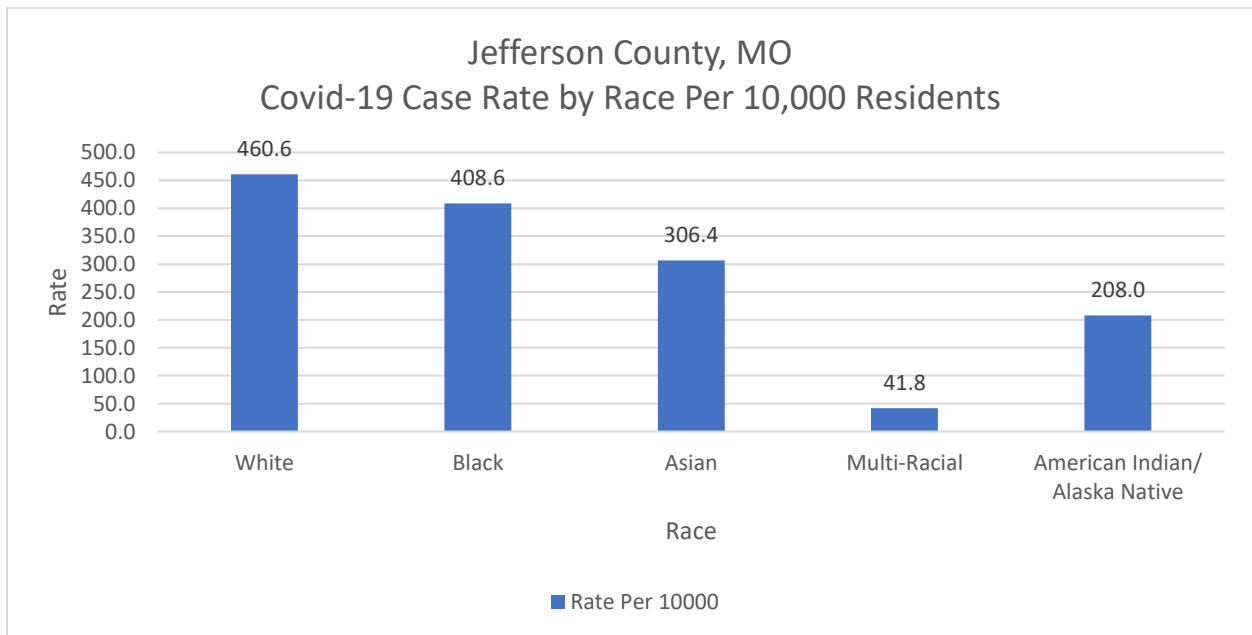
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
13	3/22/2020	23	361	384	6.0%
14	3/29/2020	52	449	501	10.4%
15	4/5/2020	49	363	412	11.9%
16	4/12/2020	61	490	551	11.1%
17	4/19/2020	70	433	503	13.9%
18	4/26/2020	21	566	587	3.6%
19	5/3/2020	20	553	573	3.5%
20	5/10/2020	21	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	56	959	1015	5.5%
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	239	2525	2764	8.6%
31	7/26/2020	296	2878	3174	9.3%
32	8/2/2020	300	2615	2915	10.3%
33	8/9/2020	310	3030	3340	9.3%
34	8/16/2020	289	2807	3096	9.3%
35	8/23/2020	386	2923	3309	11.7%
36	8/30/2020	404	3057	3461	11.7%
37	9/6/2020	373	2889	3262	11.4%
38	9/13/2020	472	3302	3774	12.5%
39	9/20/2020	416	3266	3682	11.3%
40	9/27/2020	306	2972	3278	9.3%
41	10/4/2020	278	2800	3078	9.0%
42	10/11/2020	325	3022	3347	9.7%
43	10/18/2020	338	2946	3284	10.3%
44	10/25/2020	614	3005	3619	17.0%
45	11/1/2020	971	3340	4311	22.5%
46	11/8/2020	1510	3334	4844	31.2%
47	11/15/2020	1247	3754	5001	24.9%
48	11/22/2020	1224	2644	3868	31.6%
49	11/29/2020	1180	3309	4489	26.3%
50	12/6/2020	947	3062	4009	23.6%
51	12/13/2020	895	2798	3693	24.2%
52	12/20/2020	548	1905	2453	22.3%
53	12/27/2020	945	2447	3392	27.9%
1	1/3/2021	1122	2925	4047	27.7%

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

Race	Cases	Rate Per 10000
White	9931	460.6
Black	110	408.6
Asian	55	306.4
Multi-Racial	15	41.8
American Indian/ Alaska Native	14	208.0
Unknown	2724	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

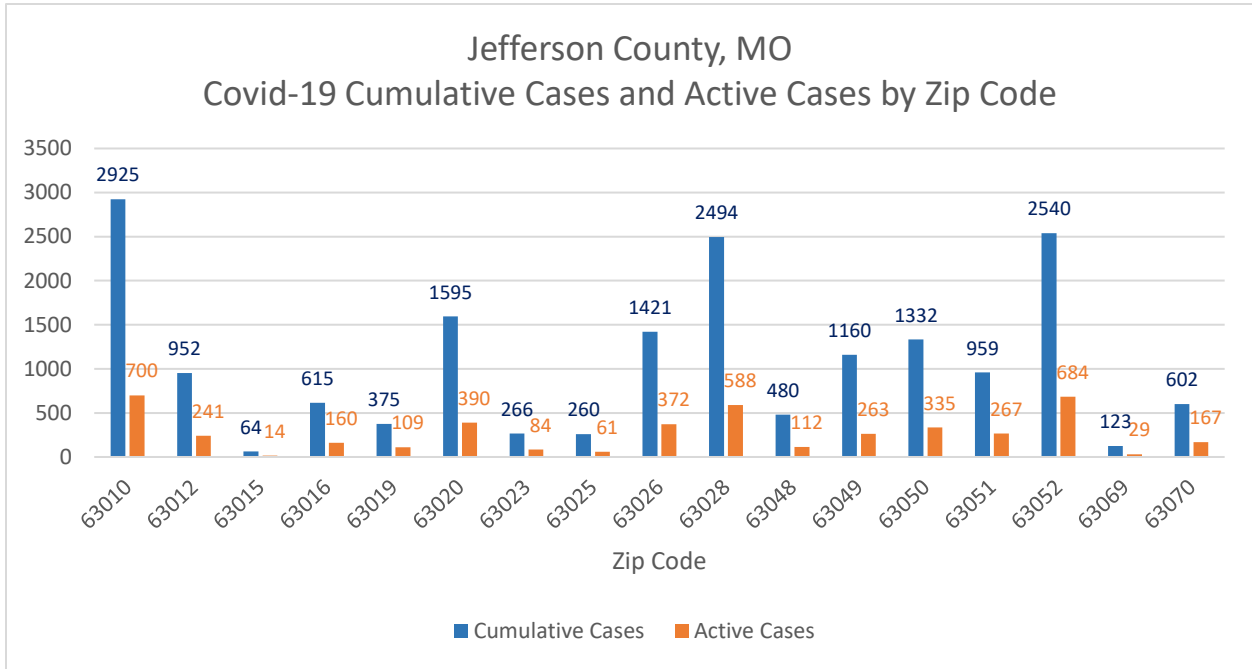
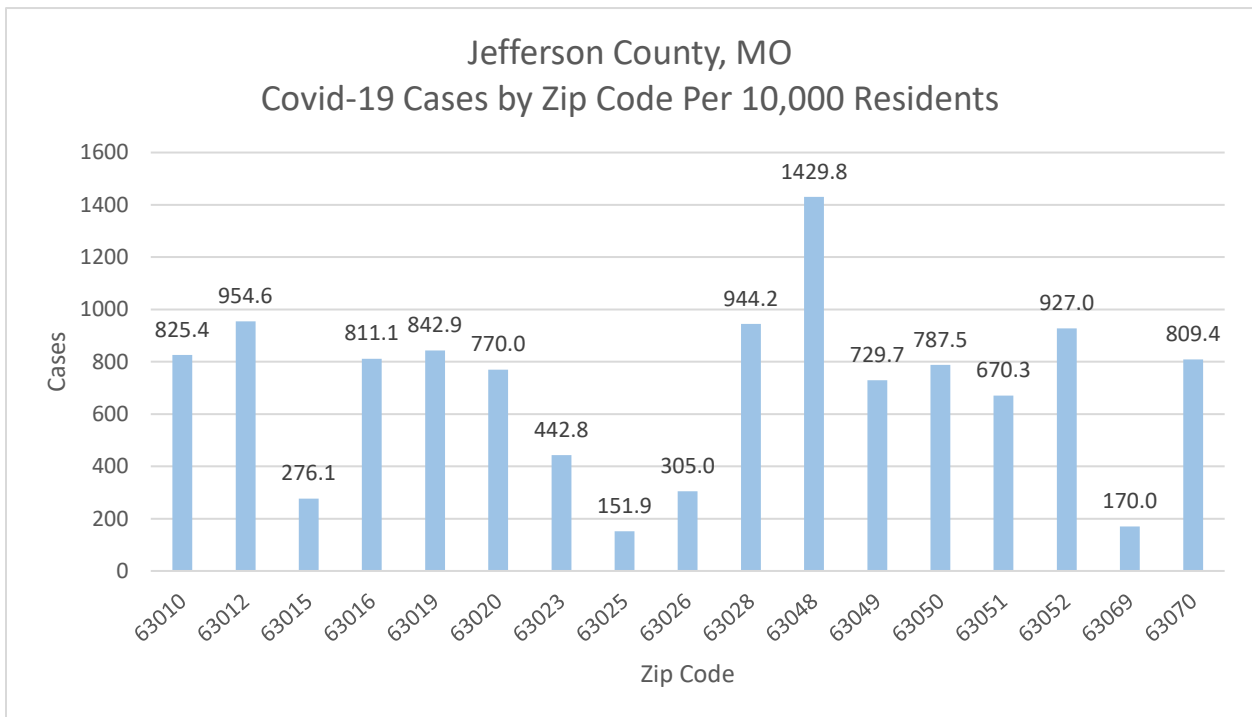


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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 1: January 3- January 9**

*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 1 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
14	3/29/2020	48	73
15	4/5/2020	43	116
16	4/12/2020	27	143
17	4/19/2020	24	167
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	37	351
27	6/28/2020	44	395
28	7/5/2020	161	556
29	7/12/2020	176	732
30	7/19/2020	201	933
31	7/26/2020	262	1195
32	8/2/2020	306	1501
33	8/9/2020	286	1787
34	8/16/2020	292	2079
35	8/23/2020	351	2430
36	8/30/2020	406	2836
37	9/6/2020	358	3194
38	9/13/2020	473	3667
39	9/20/2020	412	4079
40	9/27/2020	331	4410
41	10/4/2020	285	4695
42	10/11/2020	325	5020
43	10/18/2020	351	5371
44	10/25/2020	637	6008
45	11/1/2020	995	7003
46	11/8/2020	1570	8573
47	11/15/2020	1333	9906
48	11/22/2020	1275	11181
49	11/29/2020	1227	12408
50	12/6/2020	1014	13422
51	12/13/2020	999	14421
52	12/20/2020	602	15023
53	12/27/2020	1042	16065
1	1/3/2021	1253	17318

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

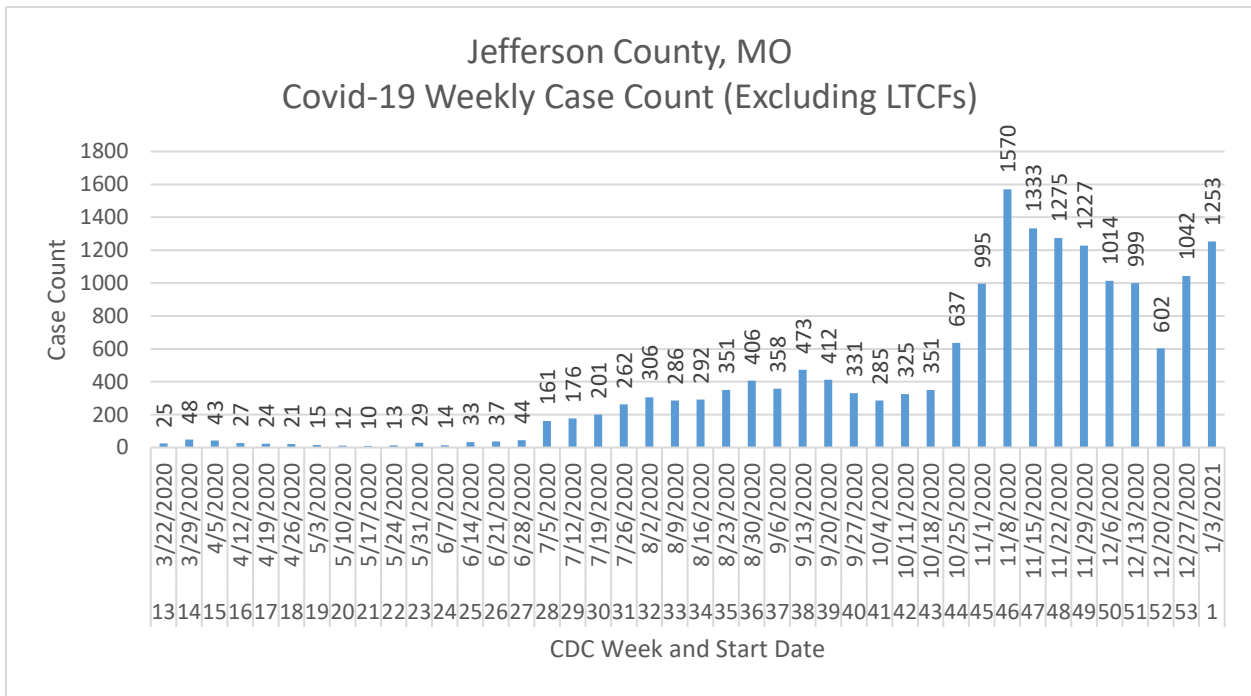


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

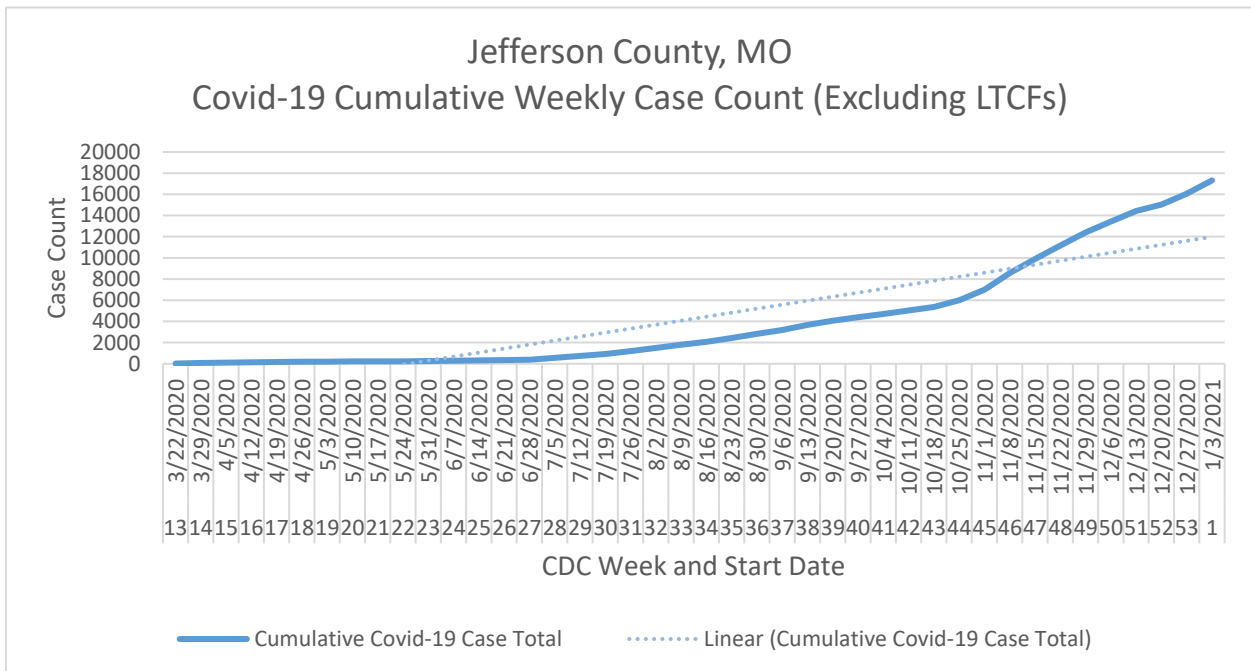


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

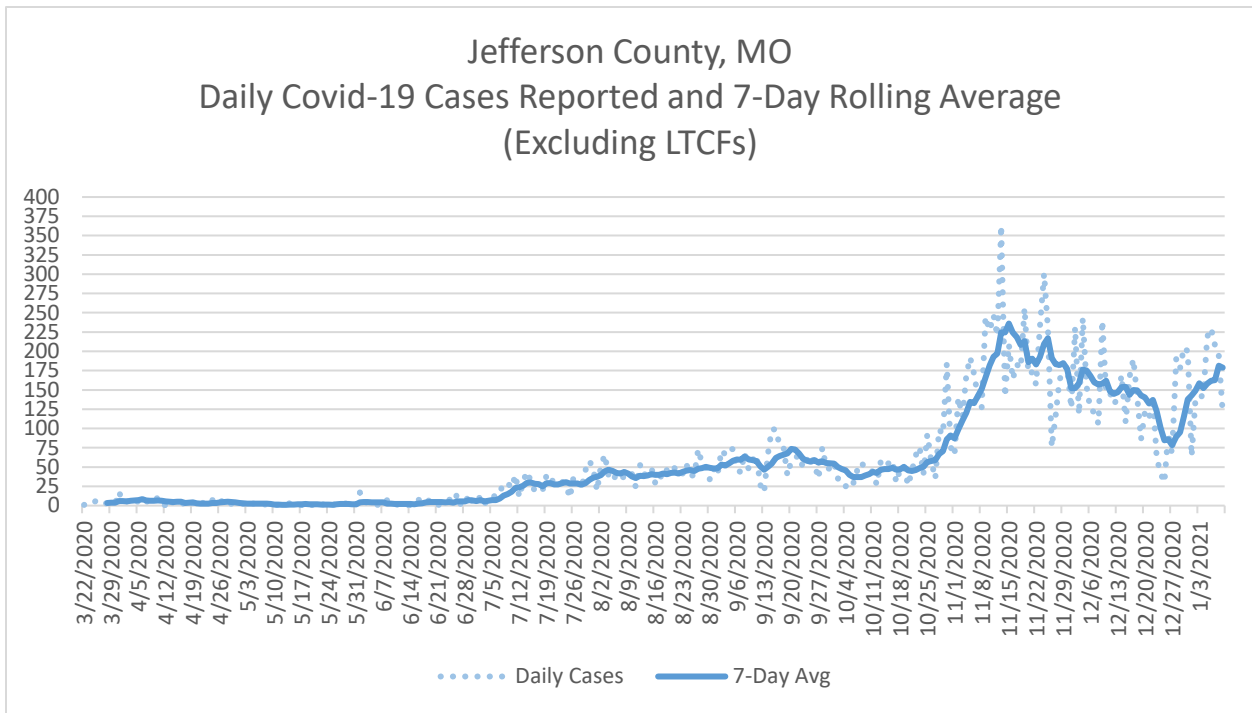


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

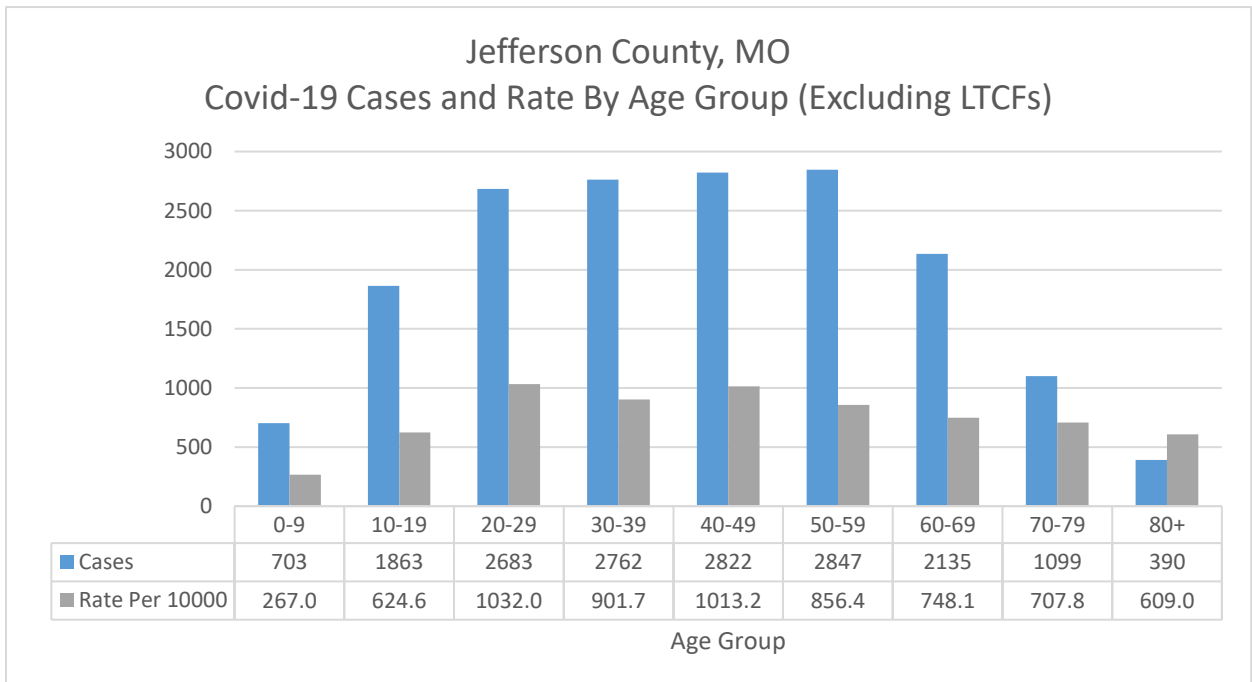


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

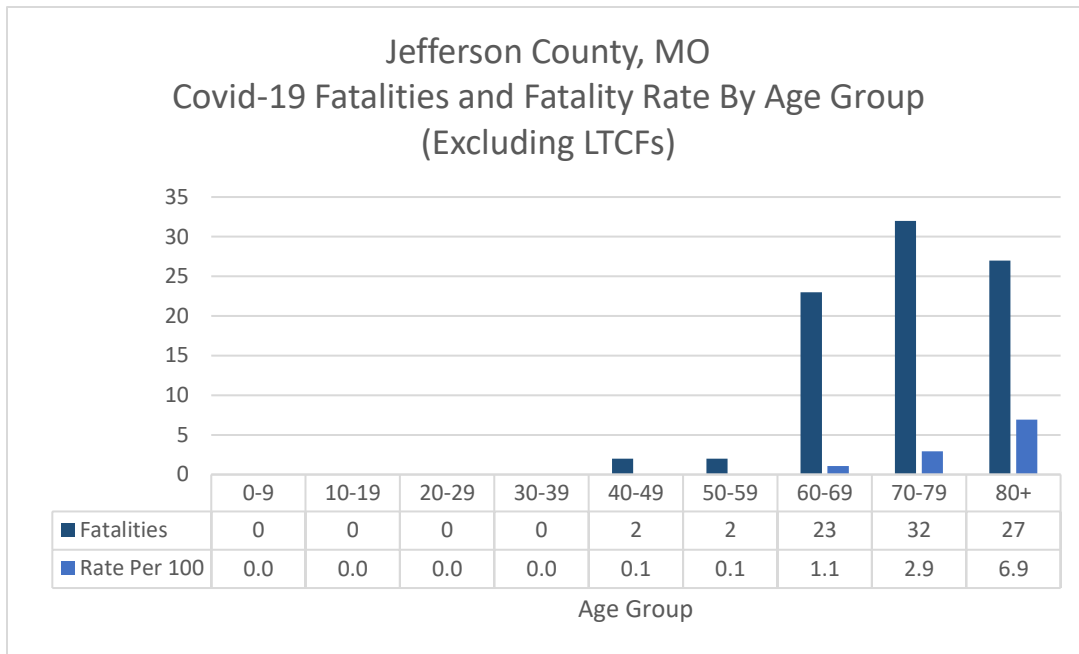


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)\*

<b>Jefferson County</b>	<b>.50%</b>

\*Missouri and United States data unavailable

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

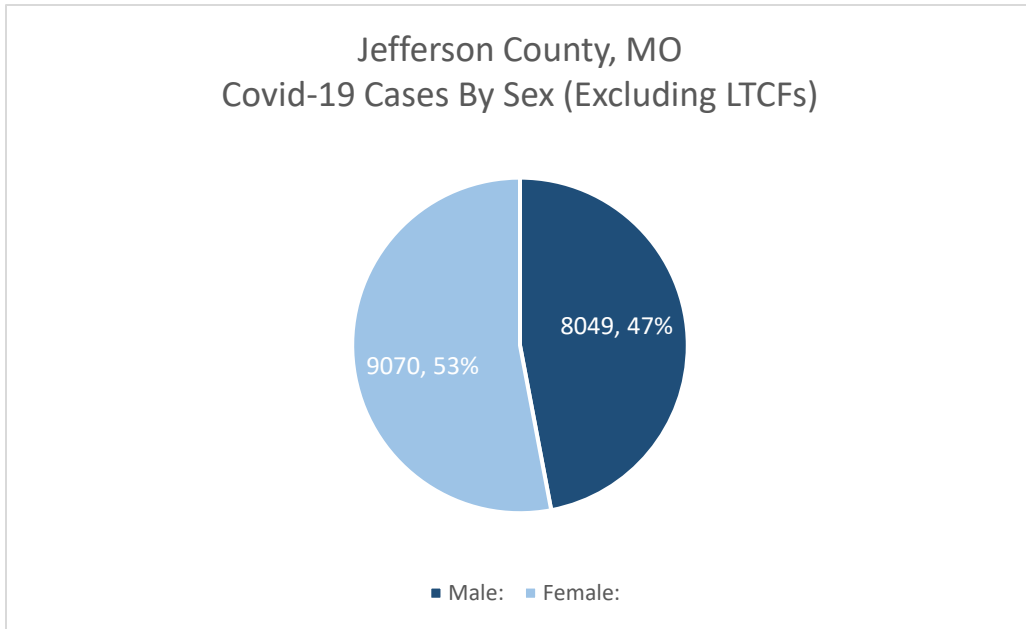


Figure 7. Covid-19 PCR Test Results by Week (Excluding LTCFs), Jefferson County, Missouri

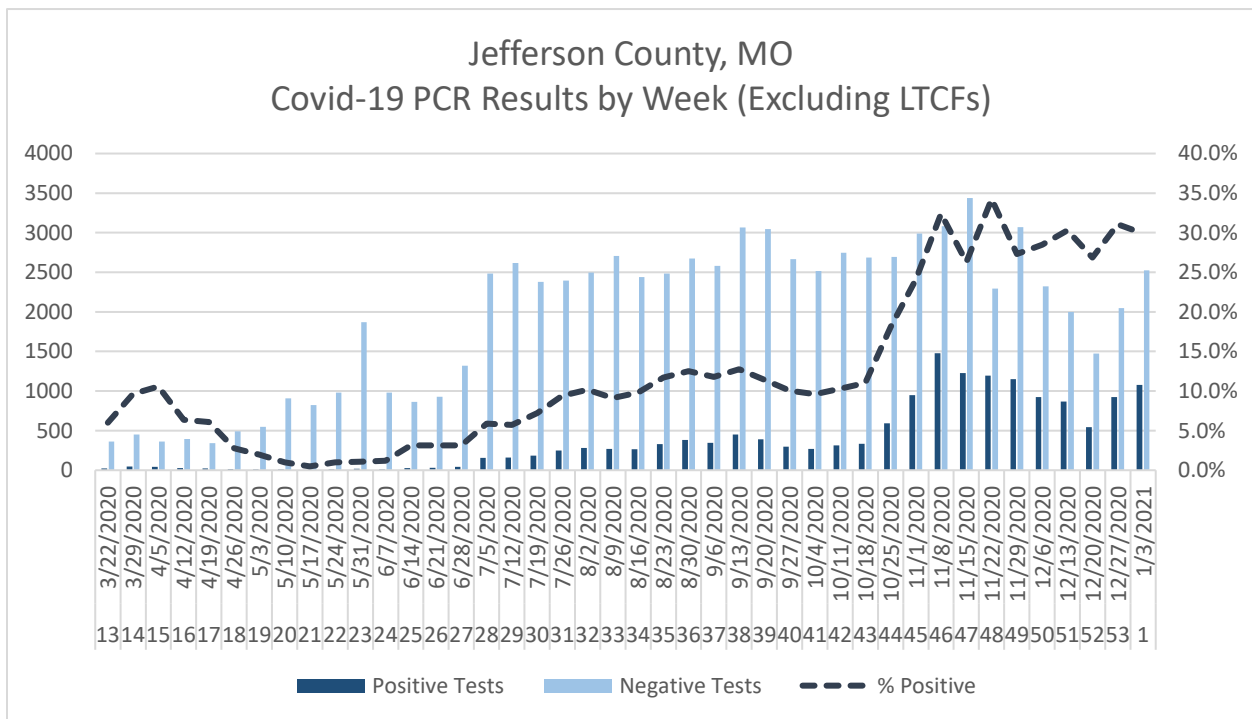


Table 3. Covid-19 PCR Test Results and Percent Positive by Week, Jefferson County (Excluding LTCFs), Missouri

CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
13	3/22/2020	23	361	384	6.0%
14	3/29/2020	48	449	497	9.7%
15	4/5/2020	43	363	406	10.6%
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	30	928	958	3.1%
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	185	2379	2564	7.2%
31	7/26/2020	248	2396	2644	9.4%
32	8/2/2020	282	2497	2779	10.1%
33	8/9/2020	271	2707	2978	9.1%
34	8/16/2020	265	2440	2705	9.8%
35	8/23/2020	329	2482	2811	11.7%
36	8/30/2020	382	2672	3054	12.5%
37	9/6/2020	345	2582	2927	11.8%
38	9/13/2020	449	3066	3515	12.8%
39	9/20/2020	392	3046	3438	11.4%
40	9/27/2020	297	2664	2961	10.0%
41	10/4/2020	268	2518	2786	9.6%
42	10/11/2020	315	2745	3060	10.3%
43	10/18/2020	332	2687	3019	11.0%
44	10/25/2020	593	2695	3288	18.0%
45	11/1/2020	948	2990	3938	24.1%
46	11/8/2020	1477	3083	4560	32.4%
47	11/15/2020	1227	3437	4664	26.3%
48	11/22/2020	1196	2296	3492	34.2%
49	11/29/2020	1152	3069	4221	27.3%
50	12/6/2020	924	2322	3246	28.5%
51	12/13/2020	869	1998	2867	30.3%
52	12/20/2020	542	1475	2017	26.9%
53	12/27/2020	923	2047	2970	31.1%
1	1/3/2021	1077	2525	3602	29.9%

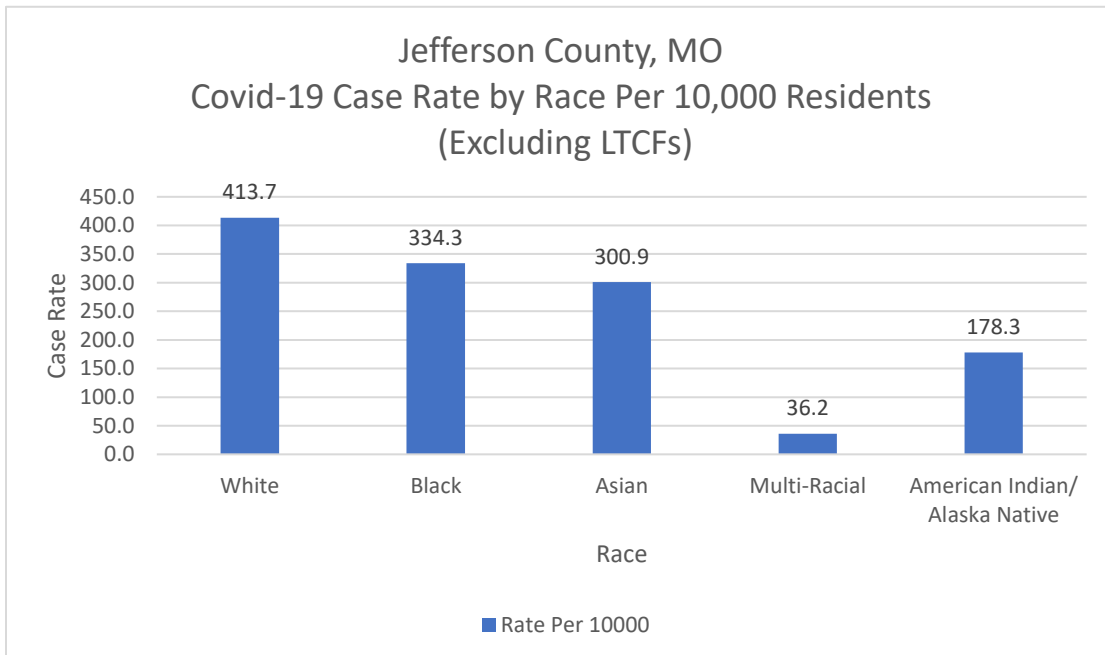


Table 4. Covid-19 Cases and Rate Per 10,000 by Race, Jefferson County (Excluding LTCFs), Missouri\*

Race	Cases	Rate Per 10000
White	8919	413.7
Black	90	334.3
Asian	54	300.9
Multi-Racial	13	36.2
American Indian/ Alaska Native	12	178.3
Unknown	2649	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

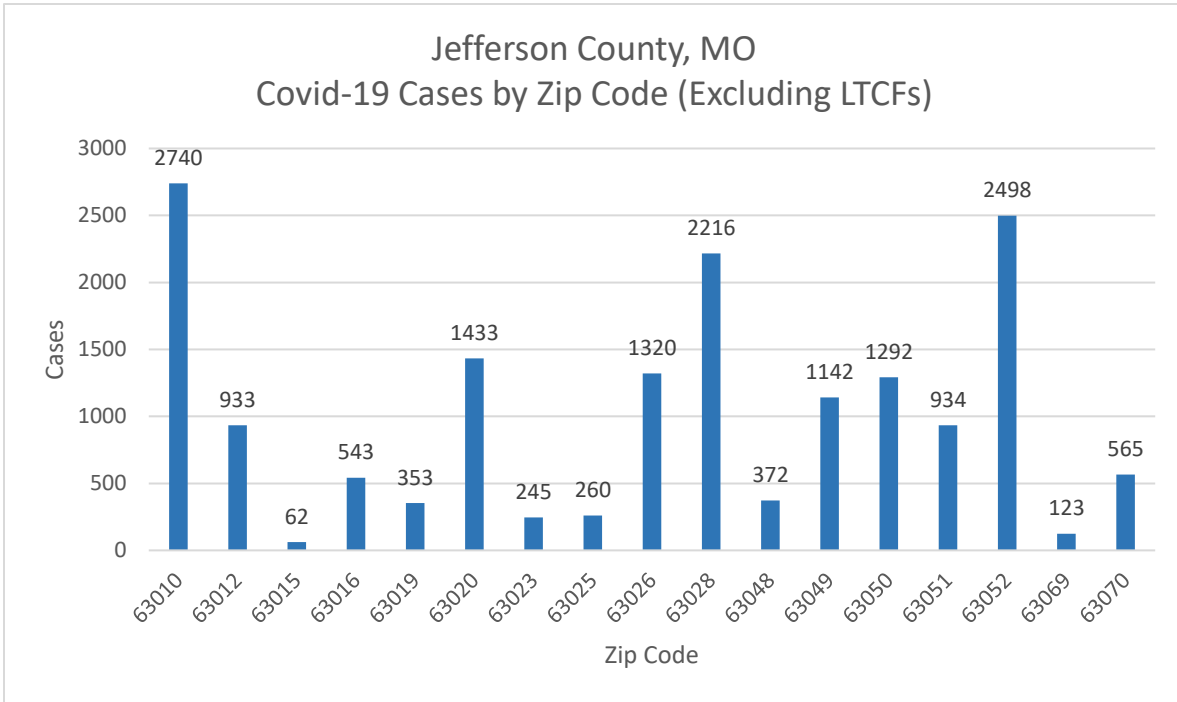
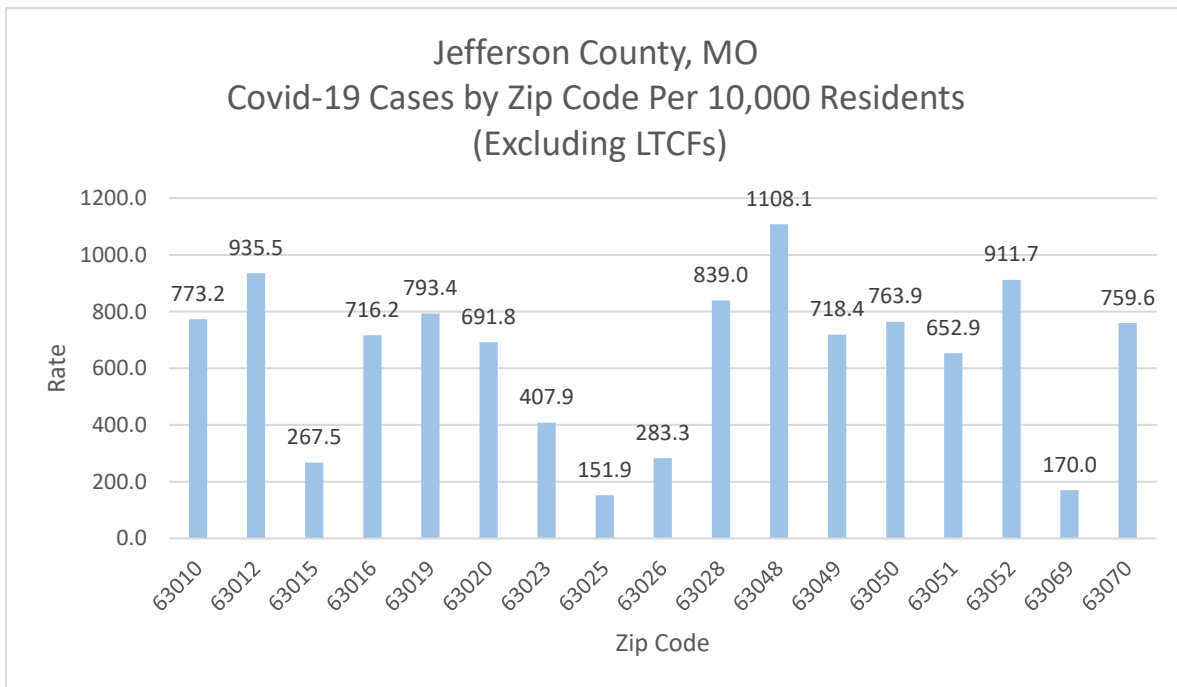


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

**Week 1: January 3- January 9**

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

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**SUMMARY:**

- During Week 1 a total of 225 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A year-to-date total of 2601 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
15	4/5/2020	0	2
16	4/12/2020	0	2
17	4/19/2020	0	2
18	4/26/2020	1	3
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	4	14
27	6/28/2020	5	19
28	7/5/2020	25	44
29	7/12/2020	23	67
30	7/19/2020	33	100
31	7/26/2020	37	137
32	8/2/2020	35	172
33	<b>8/9/2020</b>	<b>38</b>	<b>210</b>
34	8/16/2020	48	258
35	8/23/2020	61	319
36	8/30/2020	66	385
37	9/6/2020	61	446
38	9/13/2020	94	540
39	9/20/2020	68	608
40	9/27/2020	52	660
41	10/4/2020	32	692
42	10/11/2020	41	733
43	10/18/2020	47	780
44	10/25/2020	97	877
45	11/1/2020	162	1039
46	11/8/2020	244	1283
47	11/15/2020	204	1487
48	11/22/2020	159	1646
49	11/29/2020	179	1825
50	12/6/2020	159	1984
51	12/13/2020	160	2144
52	12/20/2020	91	2235
53	12/27/2020	141	2376
1	1/3/2021	225	2601

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

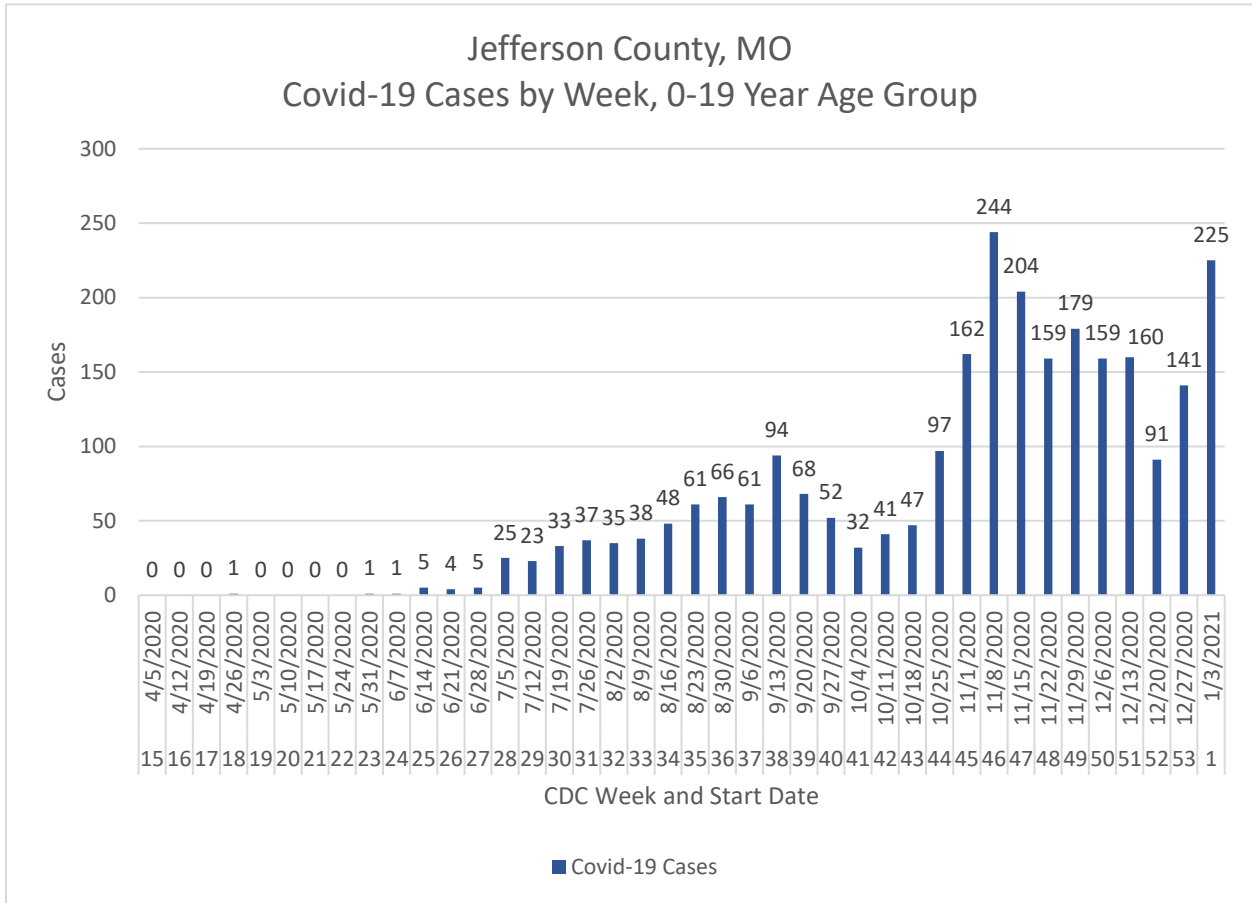


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	703	3.80%
10-19	1898	10.27%
20+	15866	85.85%

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

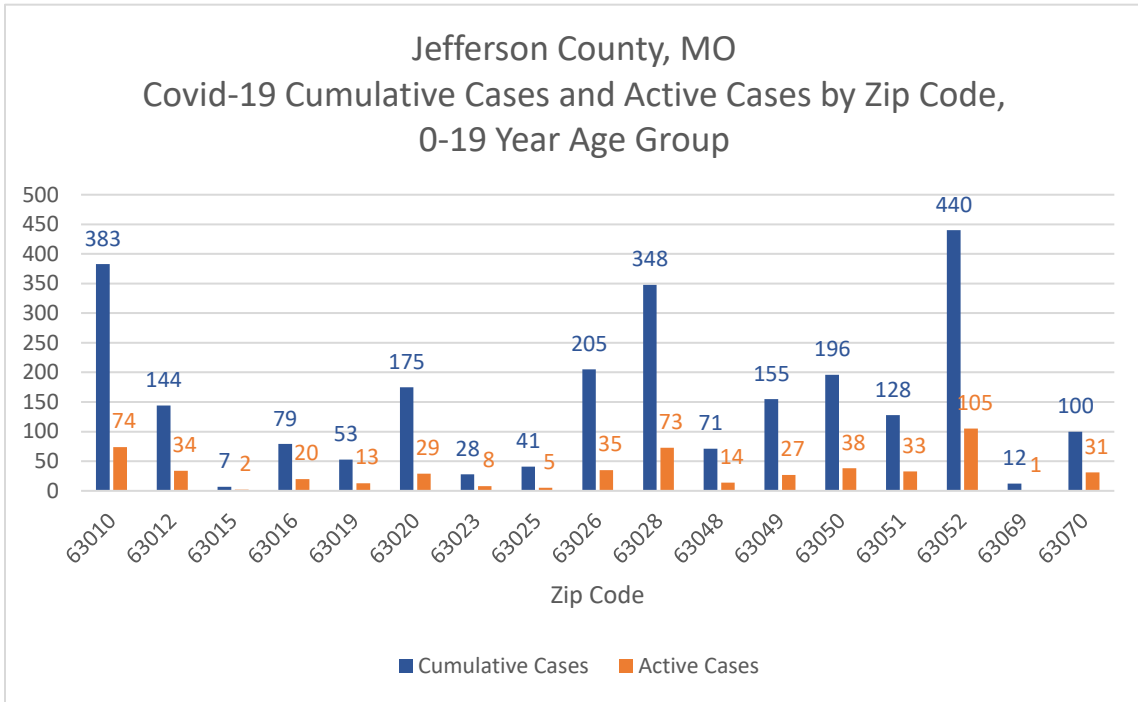


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

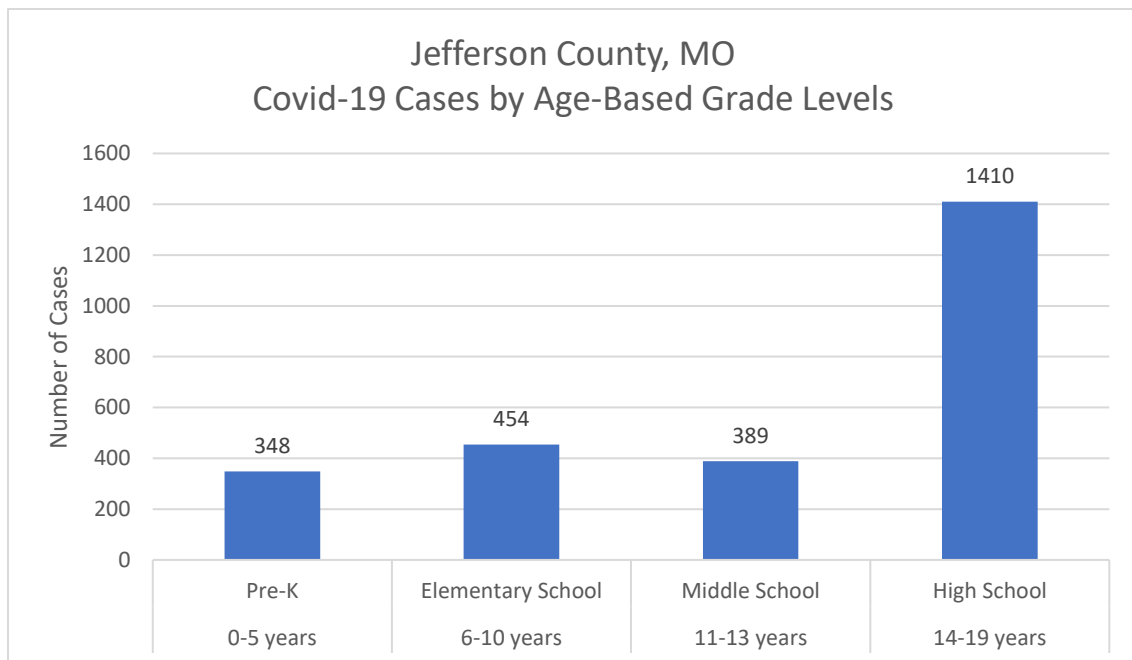


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

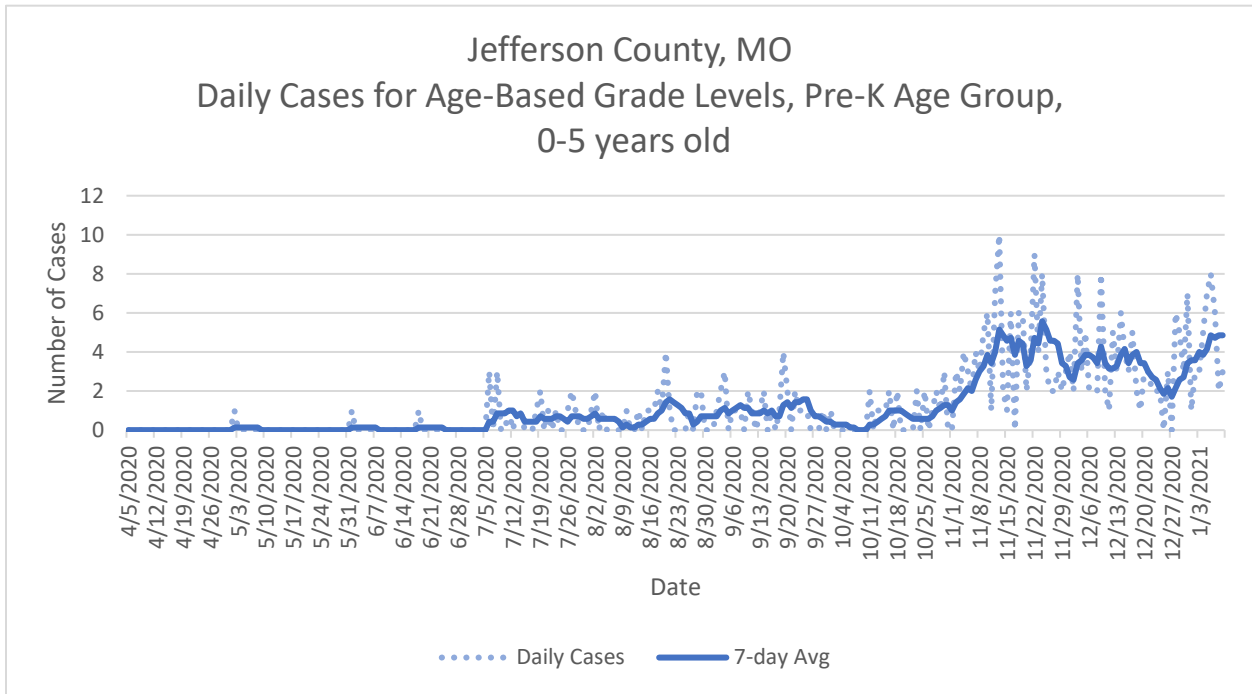


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

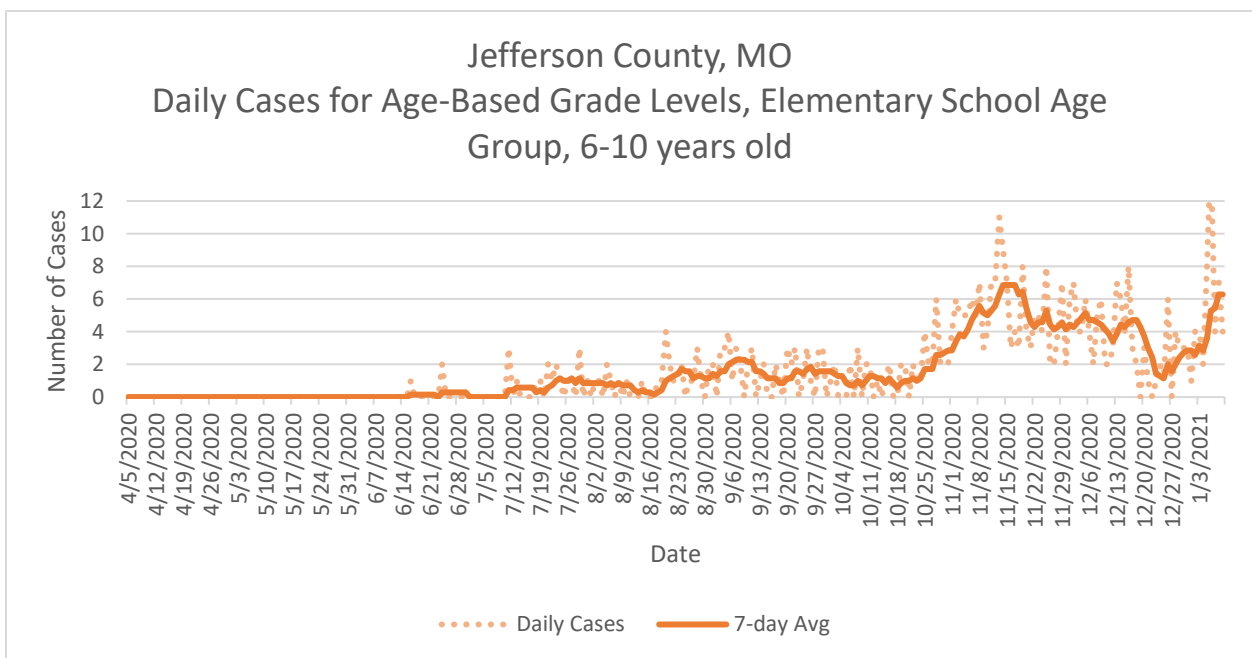


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

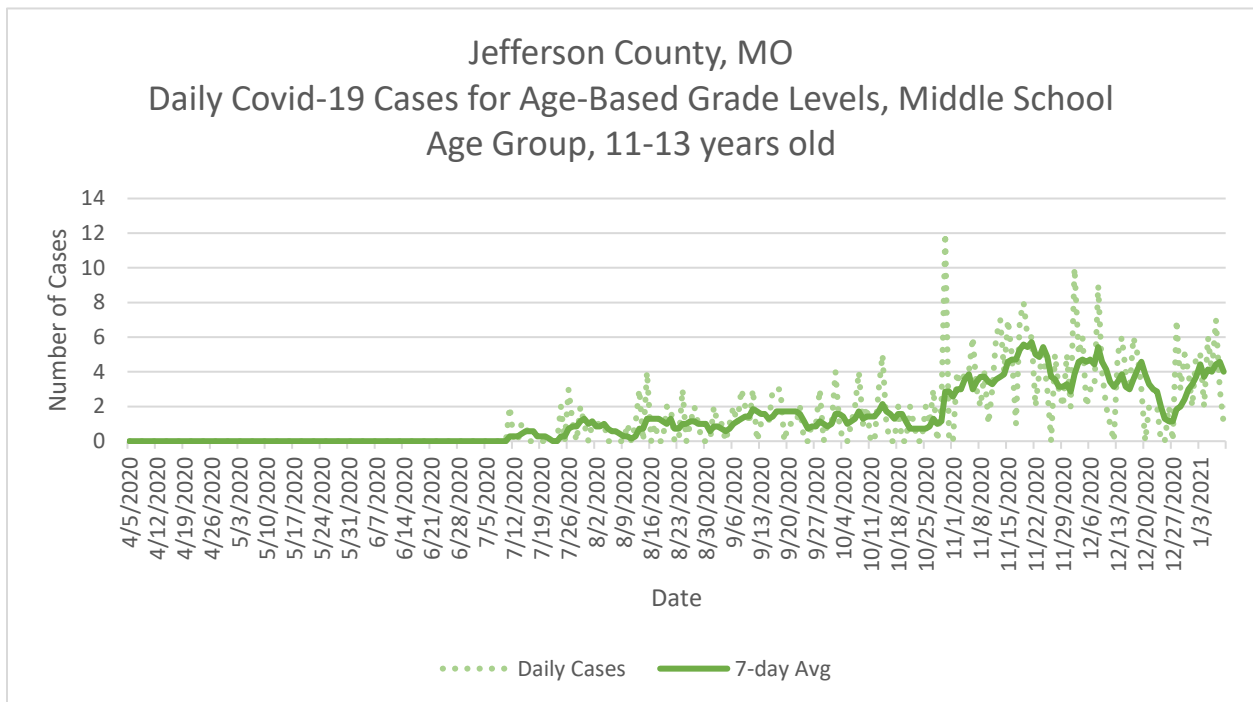


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

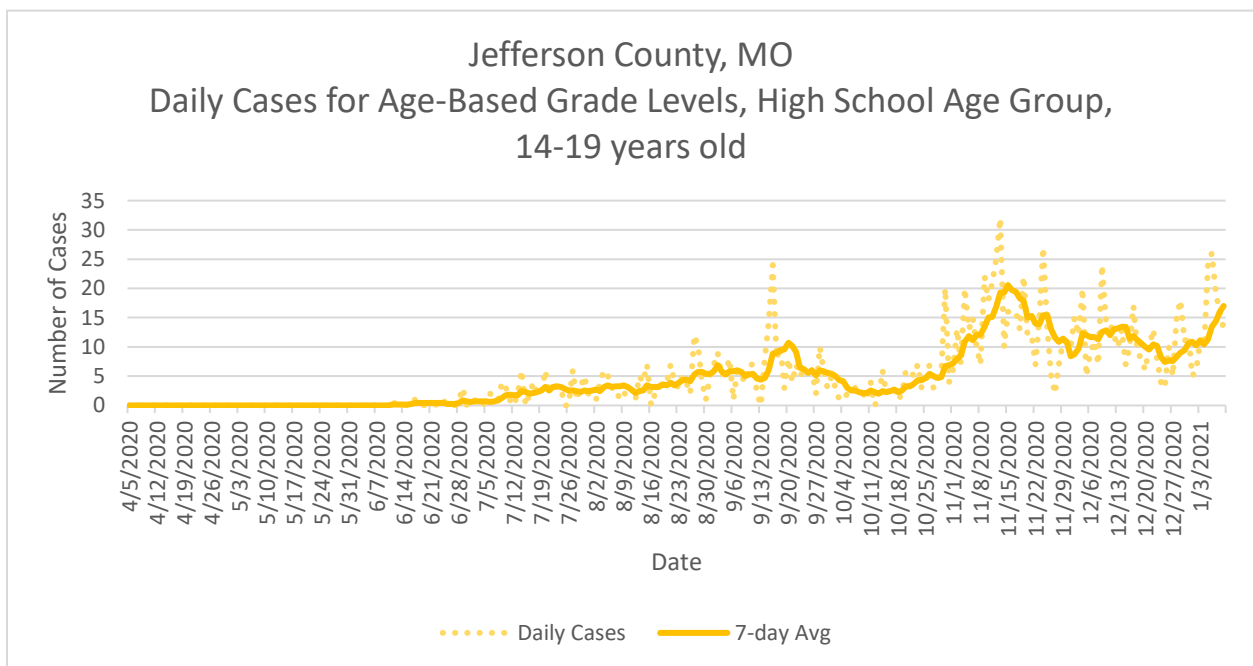




Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

