



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 45: November 7- November 13

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

SUMMARY:

- During Week 45 a total of 460 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 33428 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 45.
- During Week 45 a total of eleven Covid-19 associated deaths were reported in Jefferson County. A cumulative total of 346 Covid-19 associated deaths have been reported in Jefferson County as of Week 45.
- Five outbreaks of Covid-19 were reported in long-term care facilities (LTCF) in Jefferson County during Week 45.¹

¹ 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
5	1/31/2021	371	20075
6	2/7/2021	253	20328
7	2/14/2021	210	20538
8	2/21/2021	189	20727
9	2/28/2021	169	20896
10	3/7/2021	174	21070
11	3/14/2021	207	21277
12	3/21/2021	280	21557
13	3/28/2021	313	21870
14	4/4/2021	326	22196
15	4/11/2021	263	22459
16	4/18/2021	199	22658
17	4/25/2021	181	22839
18	5/2/2021	137	22976
19	5/9/2021	112	23088
20	5/16/2021	73	23161
21	5/23/2021	57	23218
22	5/30/2021	57	23275
23	6/6/2021	55	23330
24	6/13/2021	71	23401
25	6/20/2021	88	23489
26	6/27/2021	144	23633
27	7/4/2021	178	23811
28	7/11/2021	293	24104
29	7/18/2021	399	24503
30	7/25/2021	551	25054
31	8/1/2021	583	25637
32	8/8/2021	613	26250
33	8/15/2021	595	26845
34	8/22/2021	600	27445
35	8/29/2021	701	28146
36	9/5/2021	735	28881
37	9/12/2021	778	29659
38	9/19/2021	671	30330
39	9/26/2021	593	30923
40	10/3/2021	543	31466
41	10/10/2021	423	31889
42	10/17/2021	345	32234
43	10/24/2021	359	32593
44	10/31/2021	375	32968
45	11/7/2021	460	33428

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

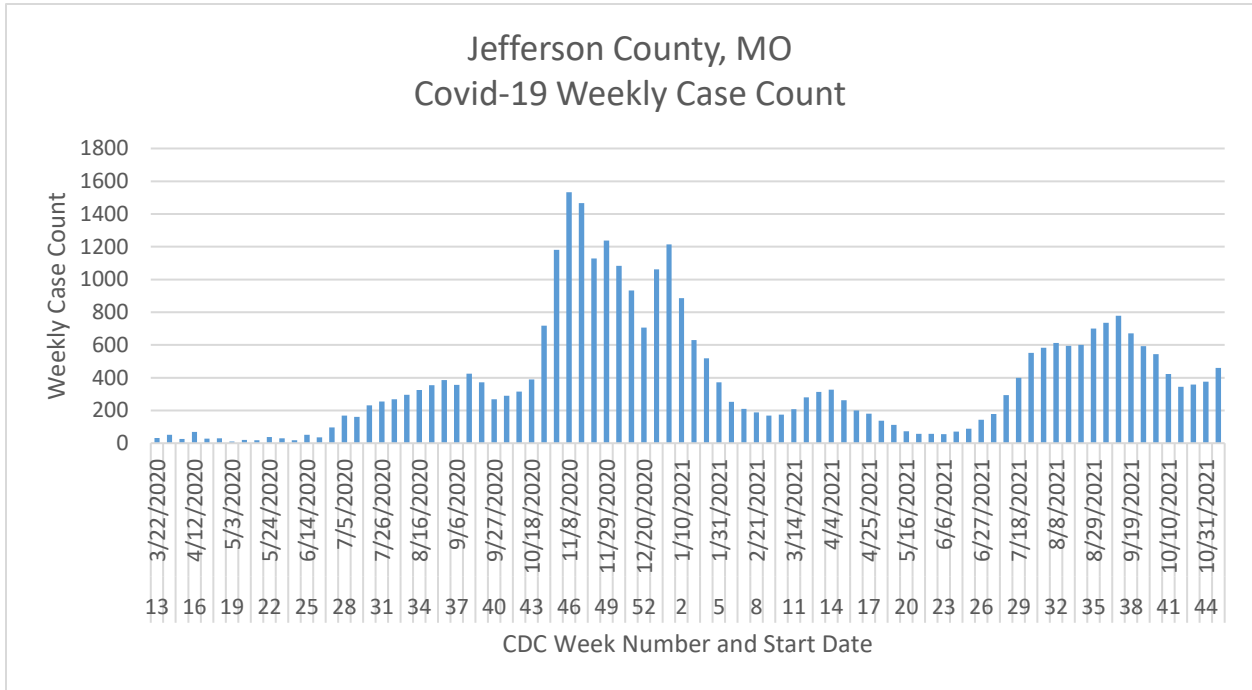


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

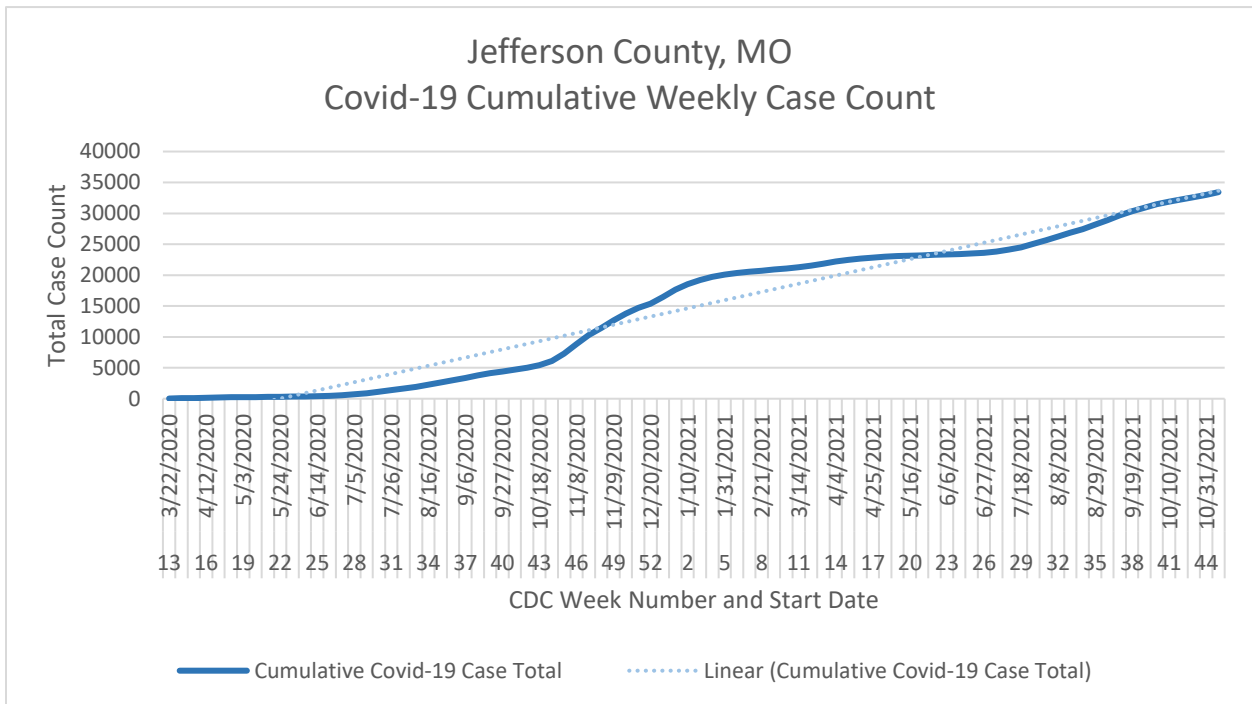


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

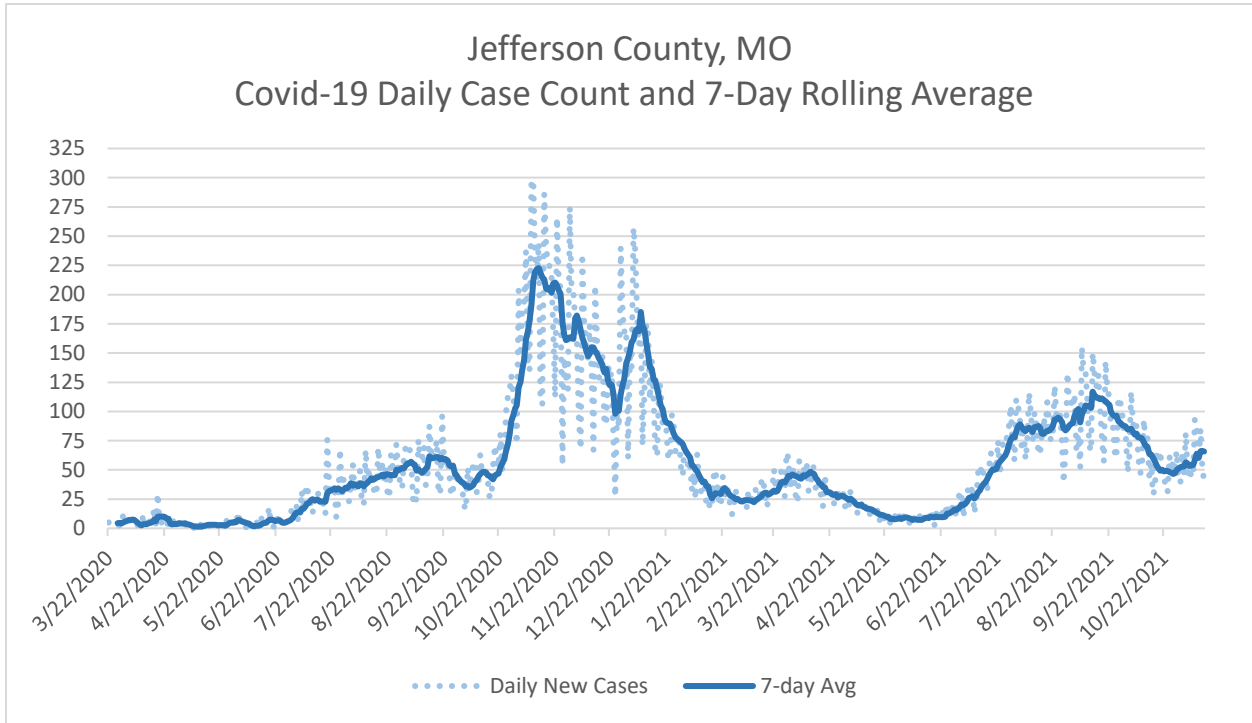


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

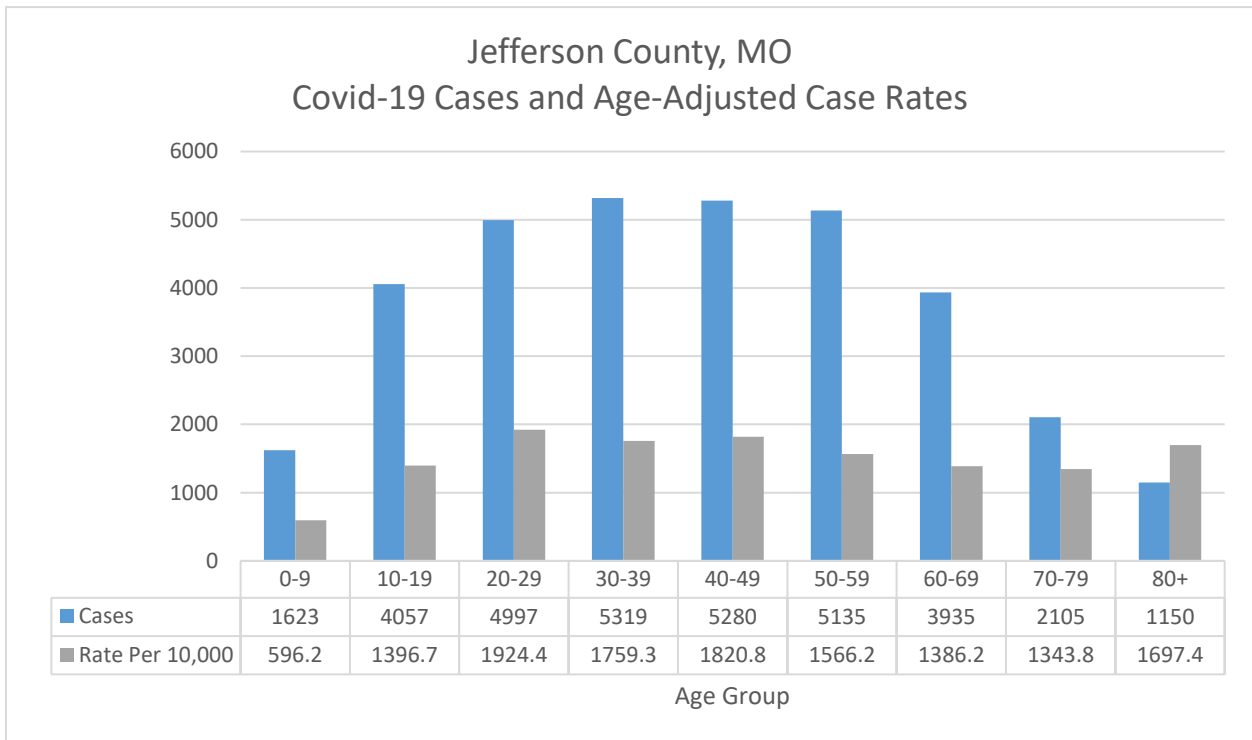


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

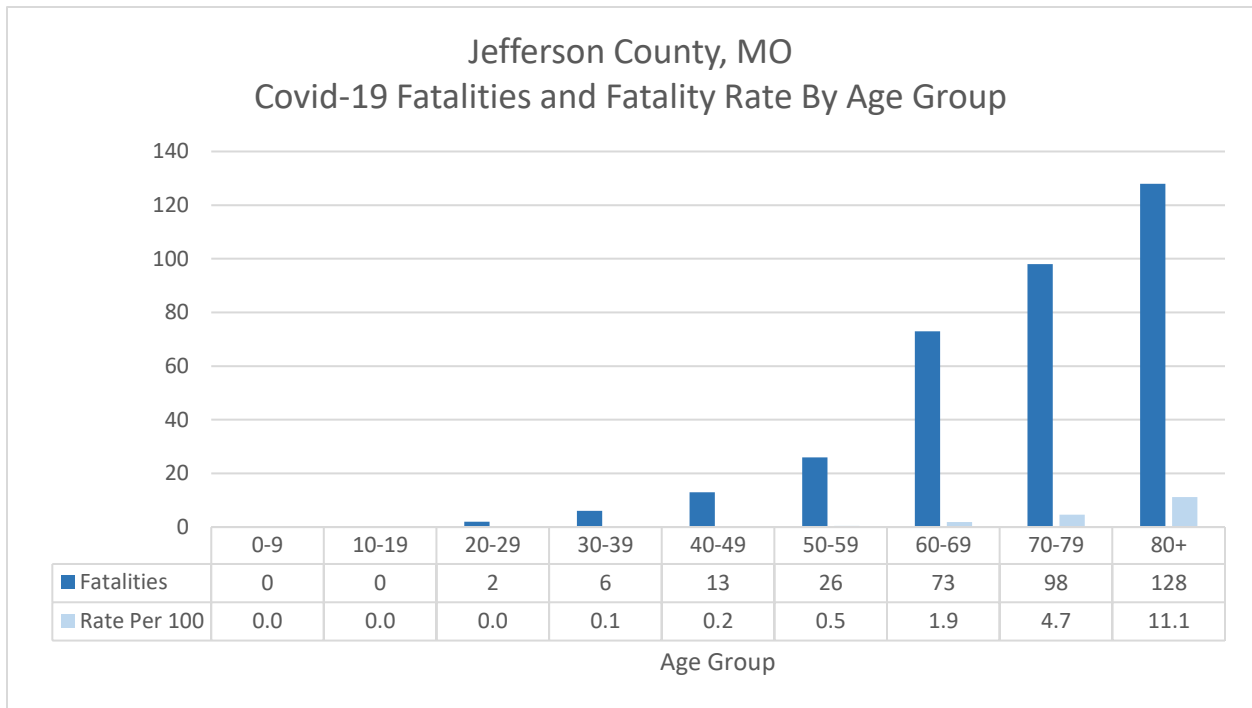


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	1.03%
Missouri	1.42%
US	1.62%

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

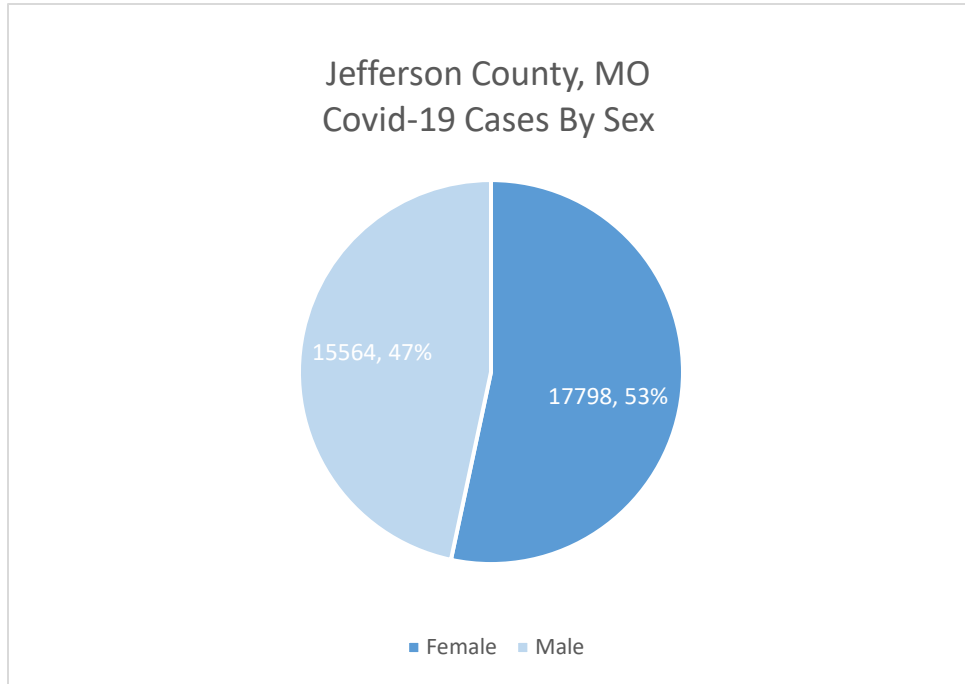


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

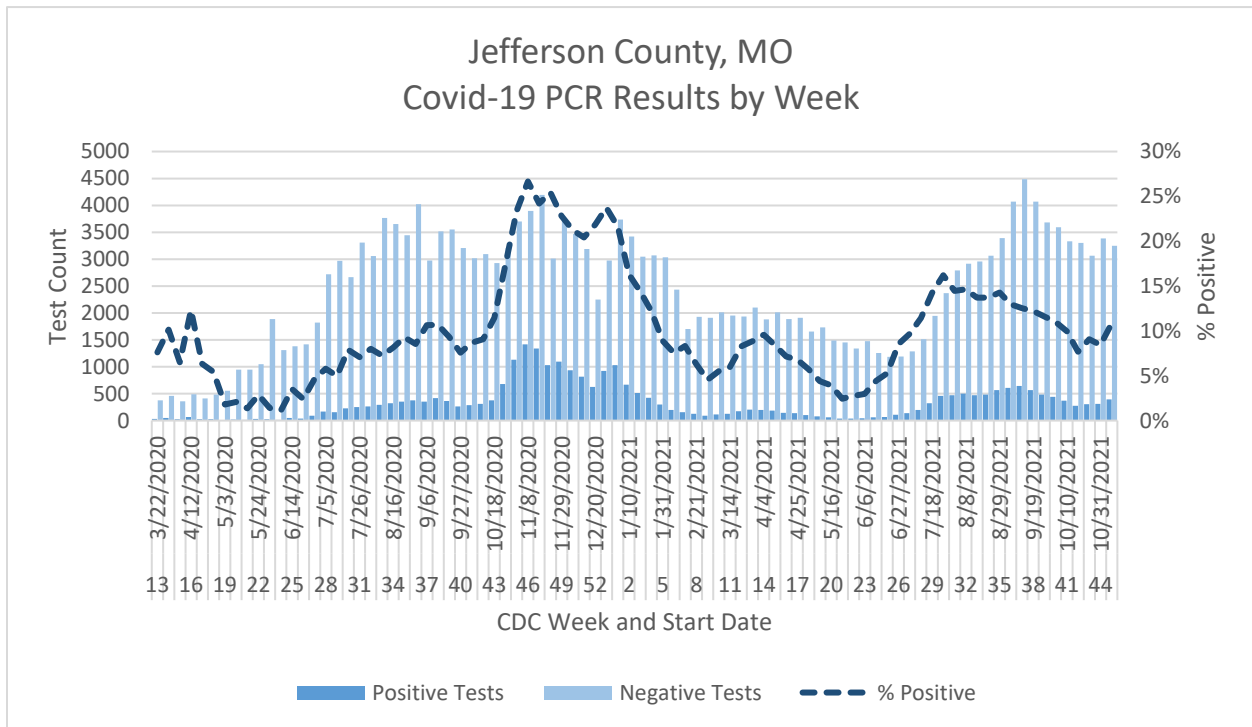


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

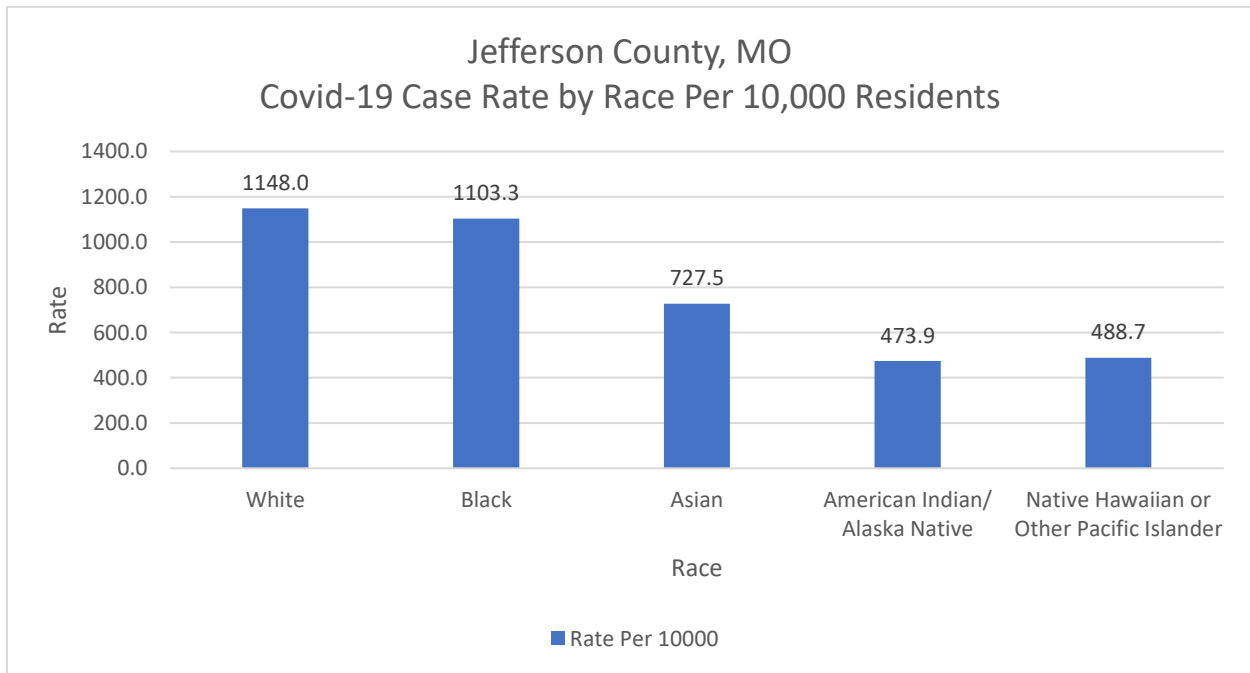
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
3	1/17/2021	512	3048	3560	14.4%
4	1/24/2021	426	3068	3494	12.2%
5	1/31/2021	296	3032	3328	8.9%
6	2/7/2021	198	2435	2633	7.5%
7	2/14/2021	155	1705	1860	8.3%
8	2/21/2021	129	1928	2057	6.3%
9	2/28/2021	91	1908	1999	4.6%
10	3/7/2021	117	2009	2126	5.5%
11	3/14/2021	124	1950	2074	6.0%
12	3/21/2021	175	1933	2108	8.3%
13	3/28/2021	204	2099	2303	8.9%
14	4/4/2021	199	1881	2080	9.6%
15	4/11/2021	184	2010	2194	8.4%
16	4/18/2021	145	1889	2034	7.1%
17	4/25/2021	139	1910	2049	6.8%
18	5/2/2021	100	1652	1752	5.7%
19	5/9/2021	80	1733	1813	4.4%
20	5/16/2021	61	1488	1549	3.9%
21	5/23/2021	36	1450	1486	2.4%
22	5/30/2021	38	1341	1379	2.8%
23	6/6/2021	45	1478	1523	3.0%
24	6/13/2021	58	1255	1313	4.4%
25	6/20/2021	66	1182	1248	5.3%
26	6/27/2021	111	1189	1300	8.5%
27	7/4/2021	138	1286	1424	9.7%
28	7/11/2021	195	1514	1709	11.4%
29	7/18/2021	323	1945	2268	14.2%
30	7/25/2021	459	2371	2830	16.2%
31	8/1/2021	472	2793	3265	14.5%
32	8/8/2021	500	2915	3415	14.6%
33	8/15/2021	470	2955	3425	13.7%
34	8/22/2021	486	3062	3548	13.7%
35	8/29/2021	565	3391	3956	14.3%
36	9/5/2021	606	4070	4676	13.0%
37	9/12/2021	644	4488	5132	12.5%
38	9/19/2021	566	4066	4632	12.2%
39	9/26/2021	483	3684	4167	11.6%
40	10/3/2021	444	3592	4036	11.0%
41	10/10/2021	369	3333	3702	10.0%
42	10/17/2021	275	3304	3579	7.7%
43	10/24/2021	305	3062	3367	9.1%
44	10/31/2021	312	3385	3697	8.4%
45	11/7/2021	396	3251	3647	10.9%

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

Race	Cases	Rate Per 10000
White	24831	1148.0
Black	298	1103.3
Asian	131	727.5
American Indian/ Alaska Native	32	473.9
Native Hawaiian or Other Pacific Islander	11	488.7
Unknown	3884	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 Active Cases by Zip Code, Jefferson County, Missouri

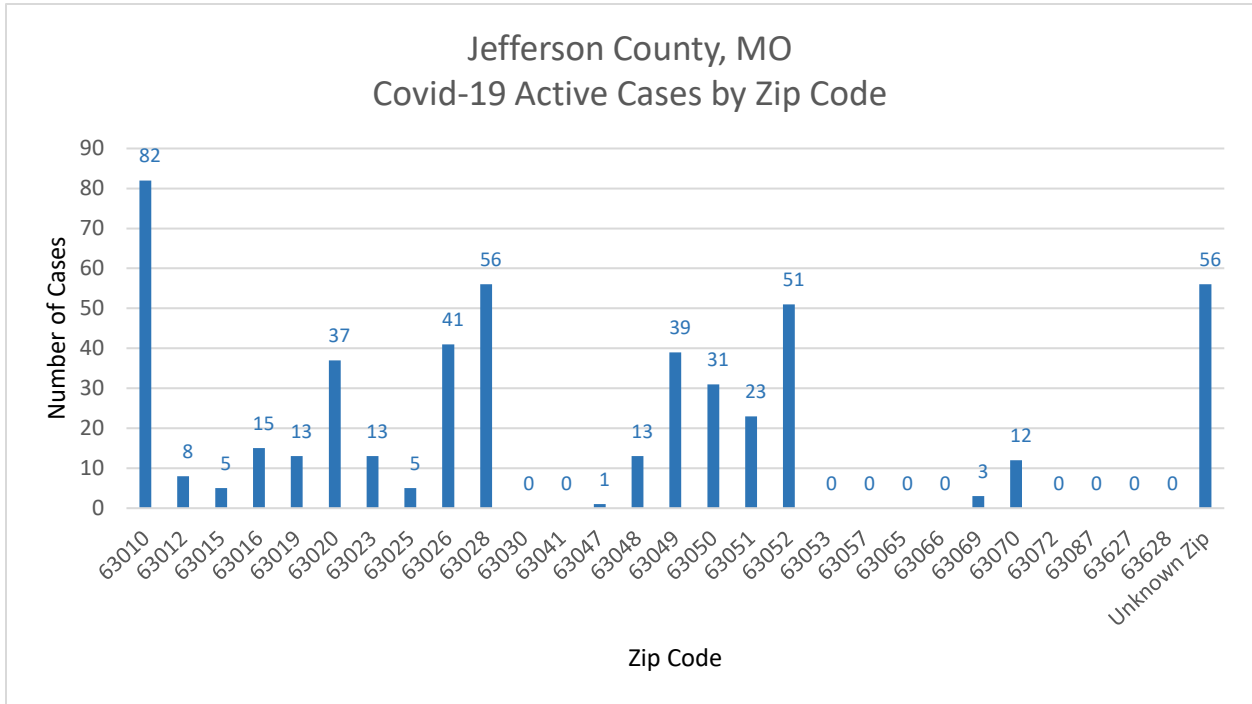
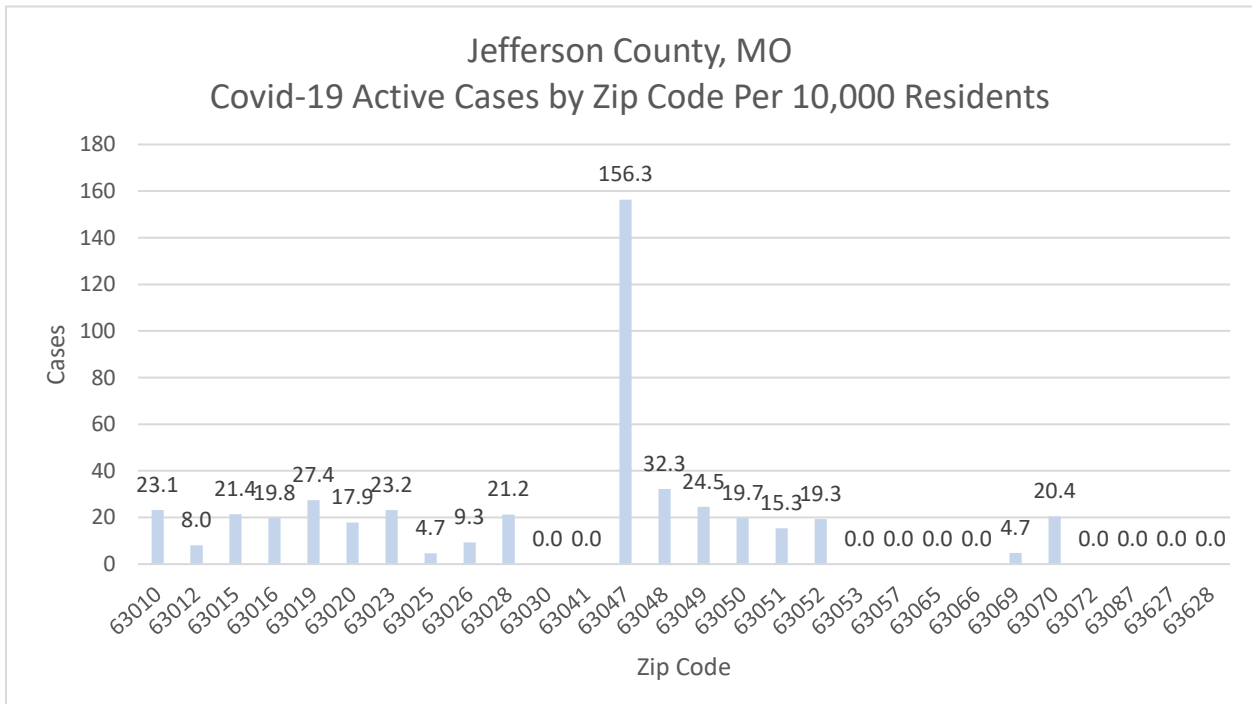


Figure 10. Covid-19 Active Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 45: November 7- November 13

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

SUMMARY:

- During Week 45 a total of 108 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 5626 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
6	2/7/2021	28	2589
7	2/14/2021	33	2622
8	2/21/2021	29	2651
9	2/28/2021	32	2683
10	3/7/2021	33	2716
11	3/14/2021	31	2747
12	3/21/2021	44	2791
13	3/28/2021	61	2852
14	4/4/2021	58	2910
15	4/11/2021	48	2958
16	4/18/2021	43	3001
17	4/25/2021	47	3048
18	5/2/2021	34	3082
19	5/9/2021	21	3103
20	5/16/2021	12	3115
21	5/23/2021	6	3121
22	5/30/2021	4	3125
23	6/6/2021	7	3132
24	6/13/2021	13	3145
25	6/20/2021	26	3171
26	6/27/2021	24	3195
27	7/4/2021	34	3229
28	7/11/2021	63	3292
29	7/18/2021	73	3365
30	7/25/2021	103	3468
31	8/1/2021	99	3567
32	8/8/2021	102	3669
33	8/15/2021	113	3782
34	8/22/2021	105	3887
35	8/29/2021	209	4096
36	9/5/2021	240	4336
37	9/12/2021	255	4591
38	9/19/2021	220	4811
39	9/26/2021	176	4987
40	10/3/2021	159	5146
41	10/10/2021	103	5249
42	10/17/2021	83	5332
43	10/24/2021	71	5403
44	10/31/2021	115	5518
45	11/7/2021	108	5626

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

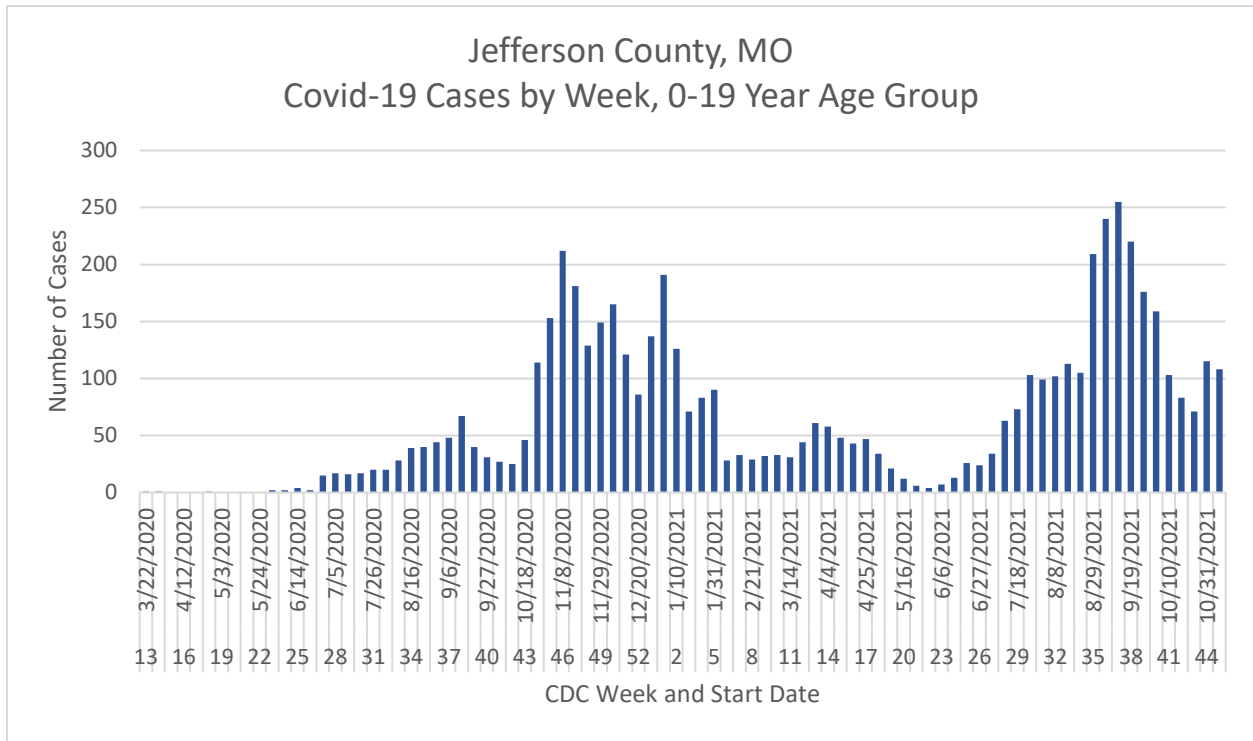


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,623	4.83%
10-19	4,057	12.07%
20+	27,921	83.10%

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

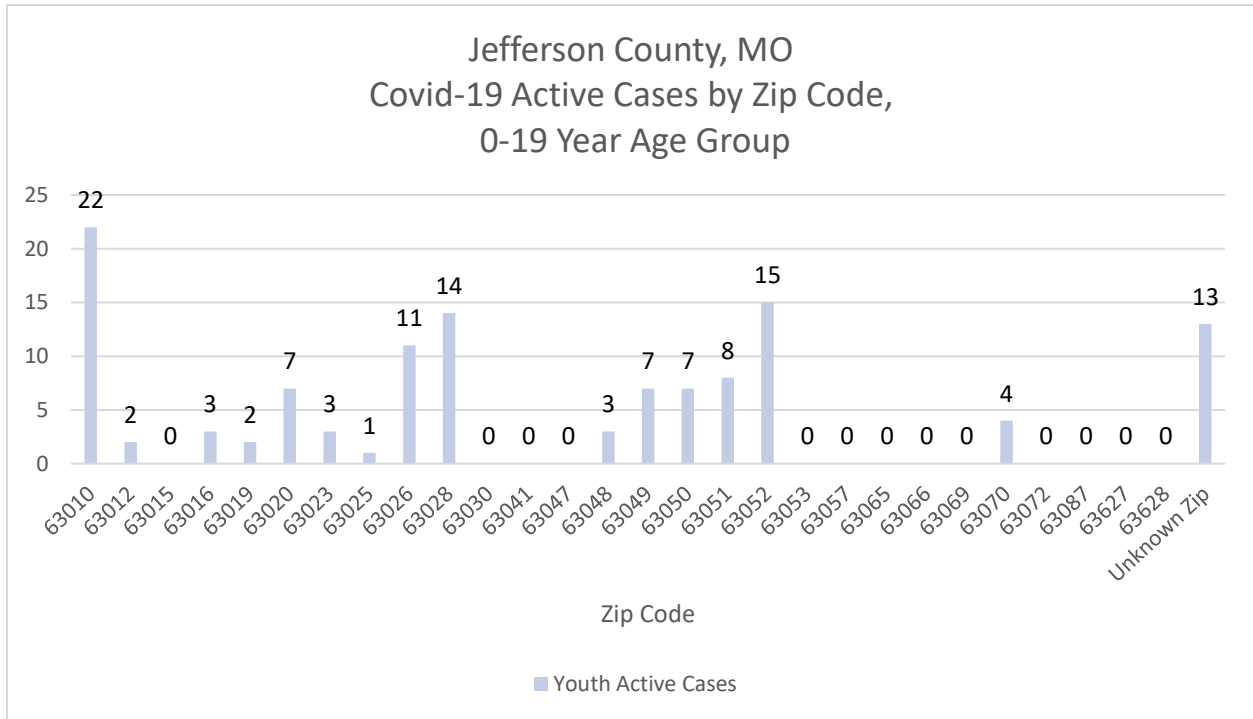


Figure 3. Covid-19 Active and Cumulative Cases by Age-Based Grade Levels, Jefferson County, Missouri

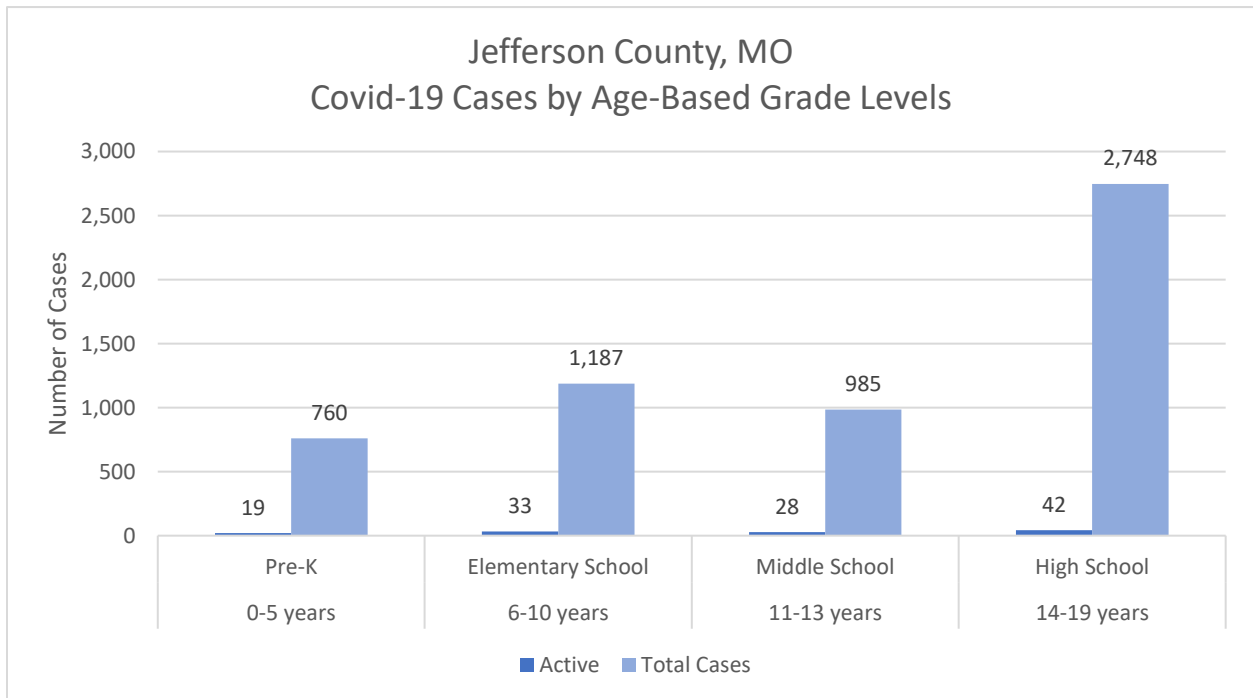


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

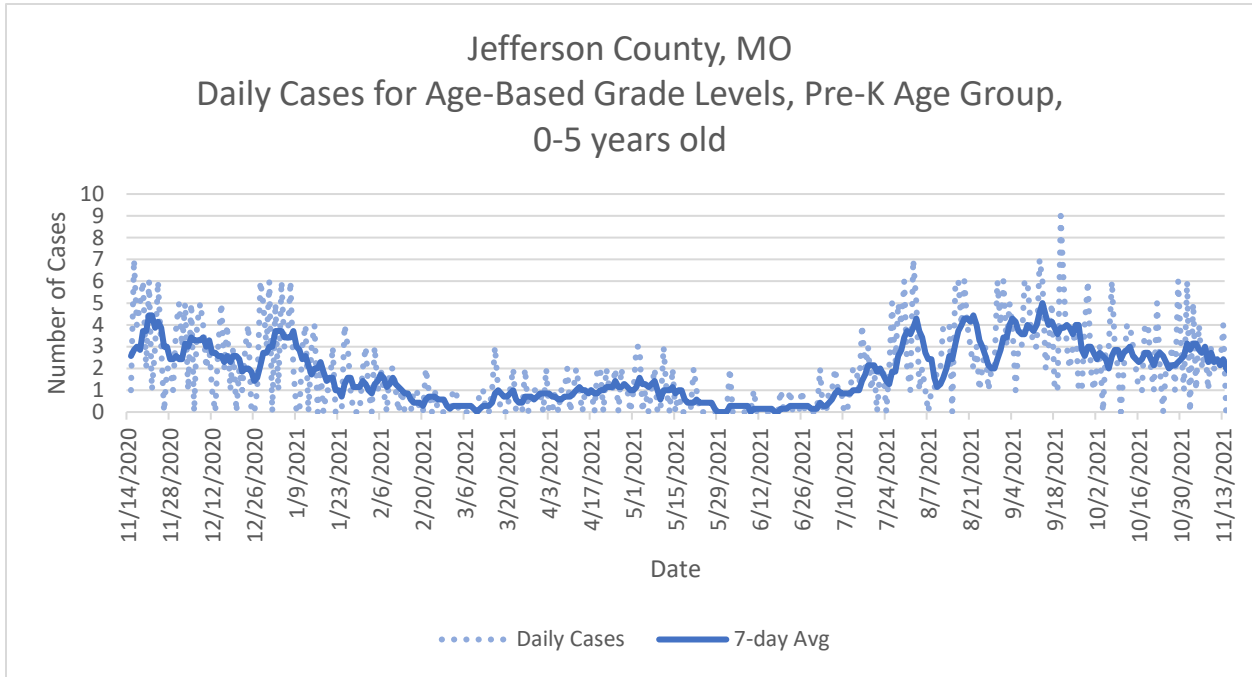


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

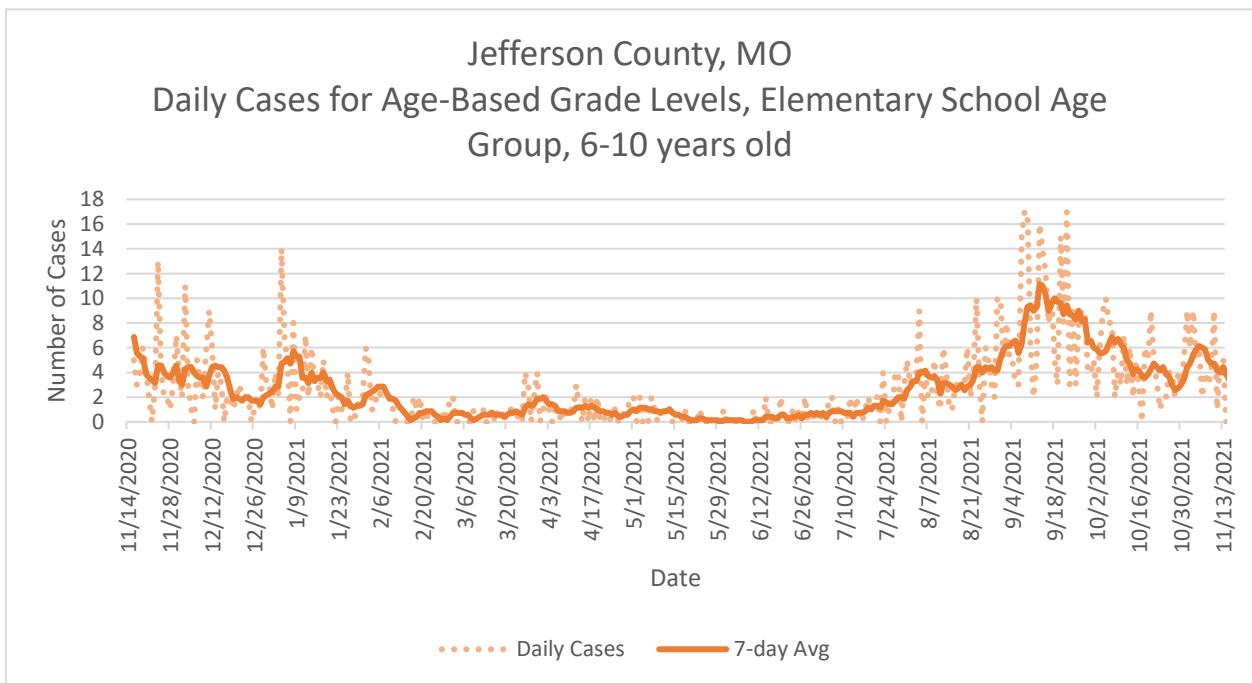


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

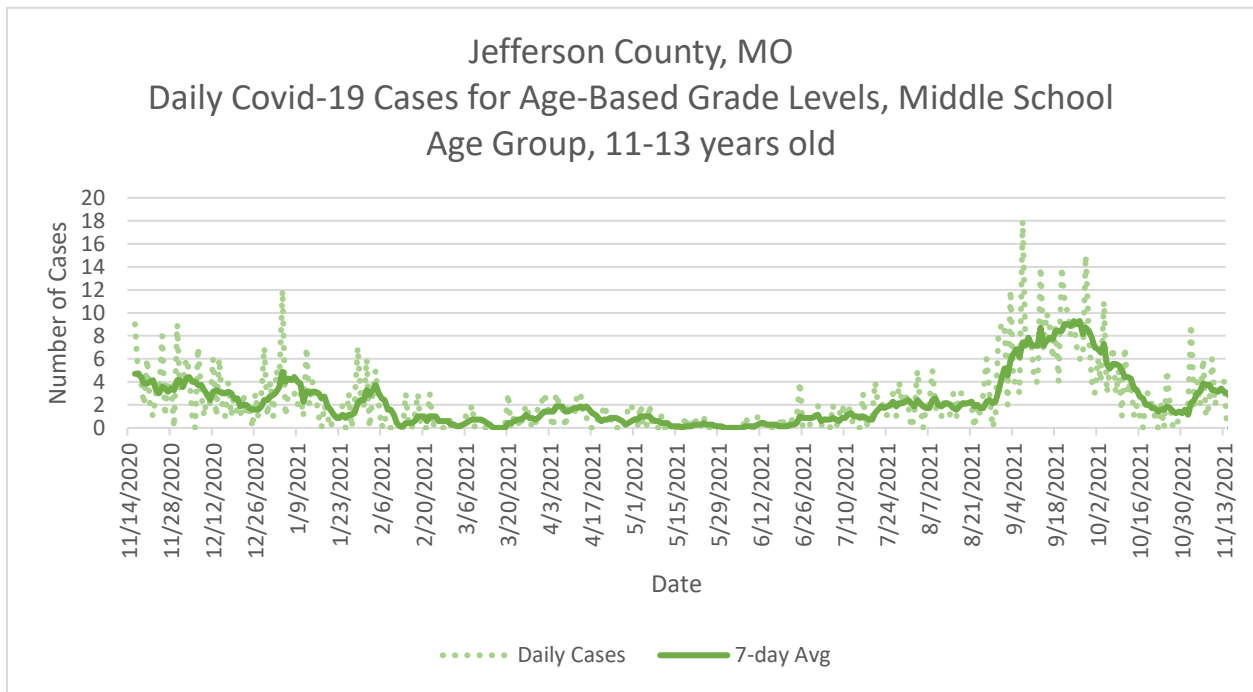


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

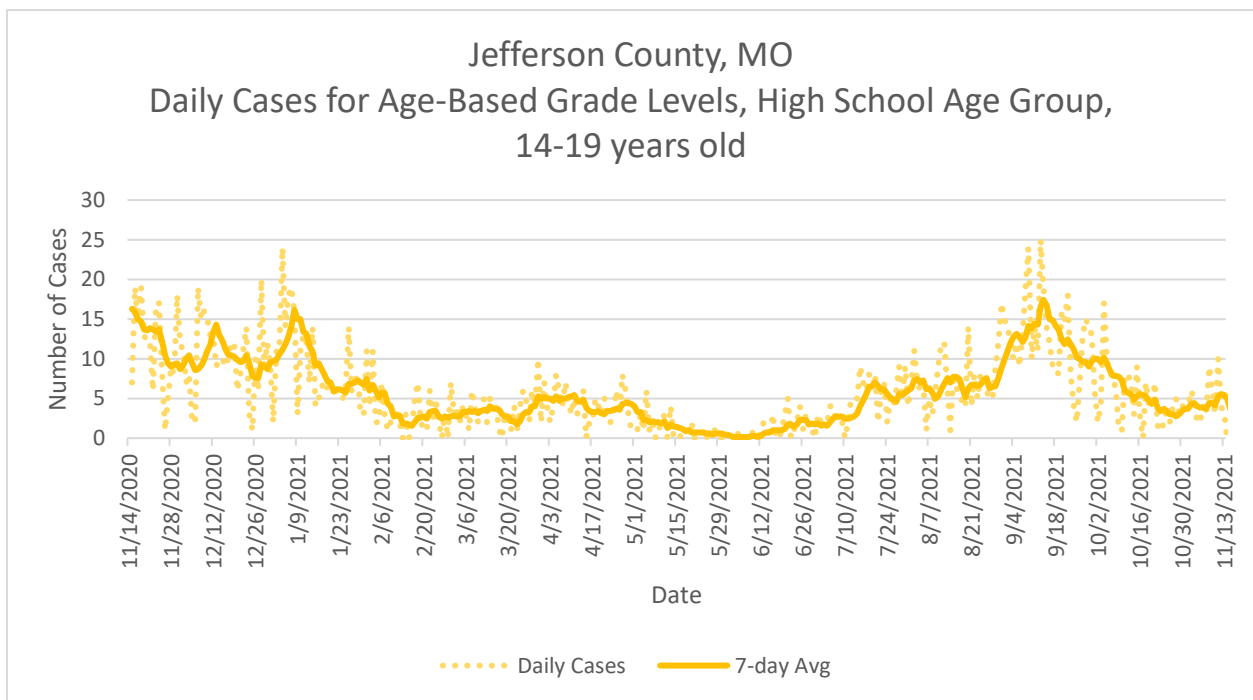


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

