



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 39: September 26- October 2

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

SUMMARY:

- During Week 39 a total of 603 confirmed and probable Covid-19 cases were reported in Jefferson County. A cumulative total of 30983 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 39.
- During Week 39 a total of nine Covid-19 associated deaths were reported in Jefferson County. A cumulative total of 305 Covid-19 associated deaths have been reported in Jefferson County as of Week 39.
- Four outbreaks of Covid-19 were reported in long-term care facilities (LTCF) in Jefferson County during Week 39.¹

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
52	12/20/2020	710	15453
53	12/27/2020	1065	16518
1	1/3/2021	1223	17741
2	1/10/2021	885	18626
3	1/17/2021	630	19256
4	1/24/2021	521	19777
5	1/31/2021	374	20151
6	2/7/2021	253	20404
7	2/14/2021	211	20615
8	2/21/2021	190	20805
9	2/28/2021	169	20974
10	3/7/2021	174	21148
11	3/14/2021	207	21355
12	3/21/2021	281	21636
13	3/28/2021	314	21950
14	4/4/2021	327	22277
15	4/11/2021	265	22542
16	4/18/2021	202	22744
17	4/25/2021	182	22926
18	5/2/2021	137	23063
19	5/9/2021	113	23176
20	5/16/2021	74	23250
21	5/23/2021	58	23308
22	5/30/2021	57	23365
23	6/6/2021	55	23420
24	6/13/2021	72	23492
25	6/20/2021	88	23580
26	6/27/2021	145	23725
27	7/4/2021	179	23904
28	7/11/2021	294	24198
29	7/18/2021	401	24599
30	7/25/2021	557	25156
31	8/1/2021	588	25744
32	8/8/2021	616	26360
33	8/15/2021	562	26922
34	8/22/2021	599	27521
35	8/29/2021	690	28211
36	9/5/2021	715	28926
37	9/12/2021	767	29693
38	9/19/2021	687	30380
39	9/26/2021	603	30983

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

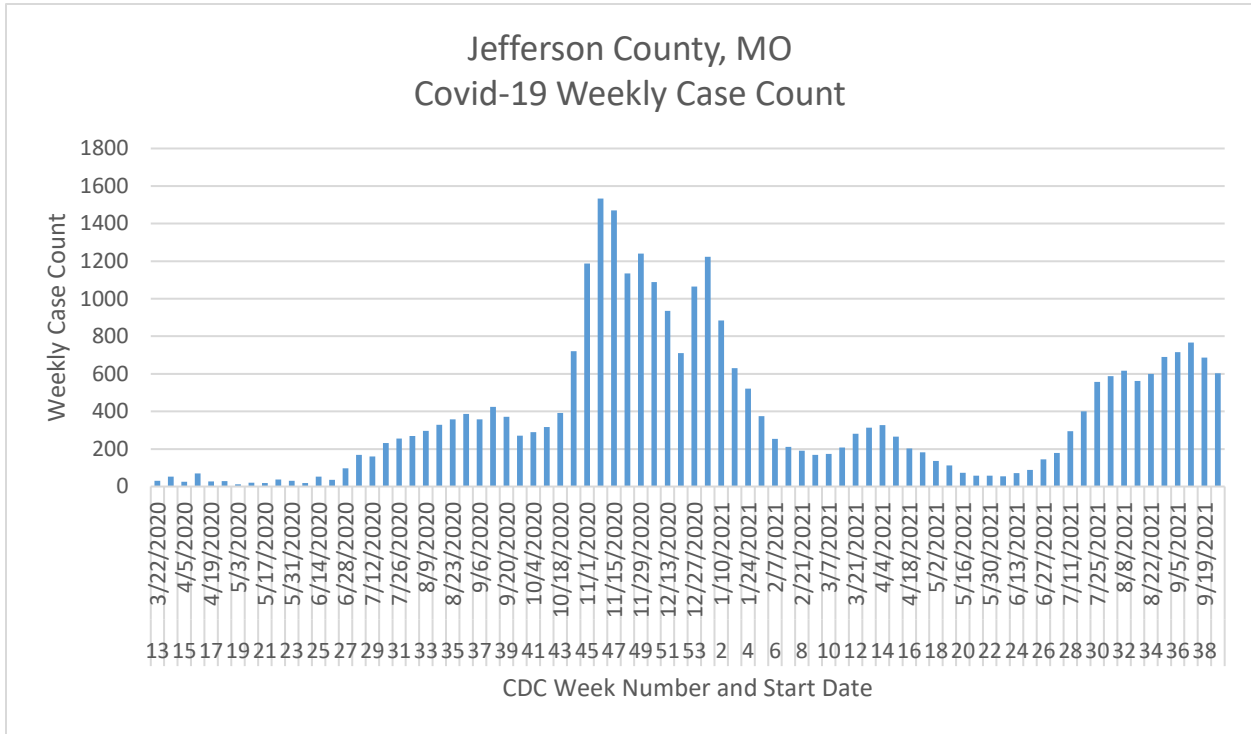


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

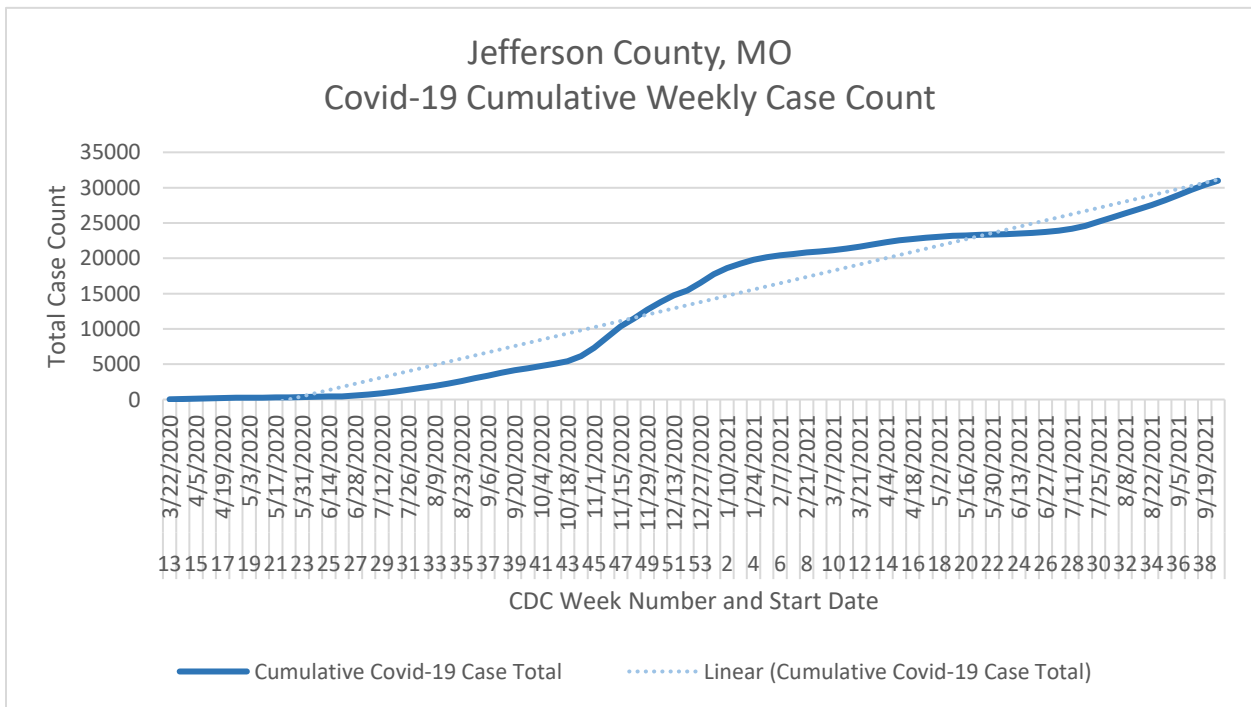


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

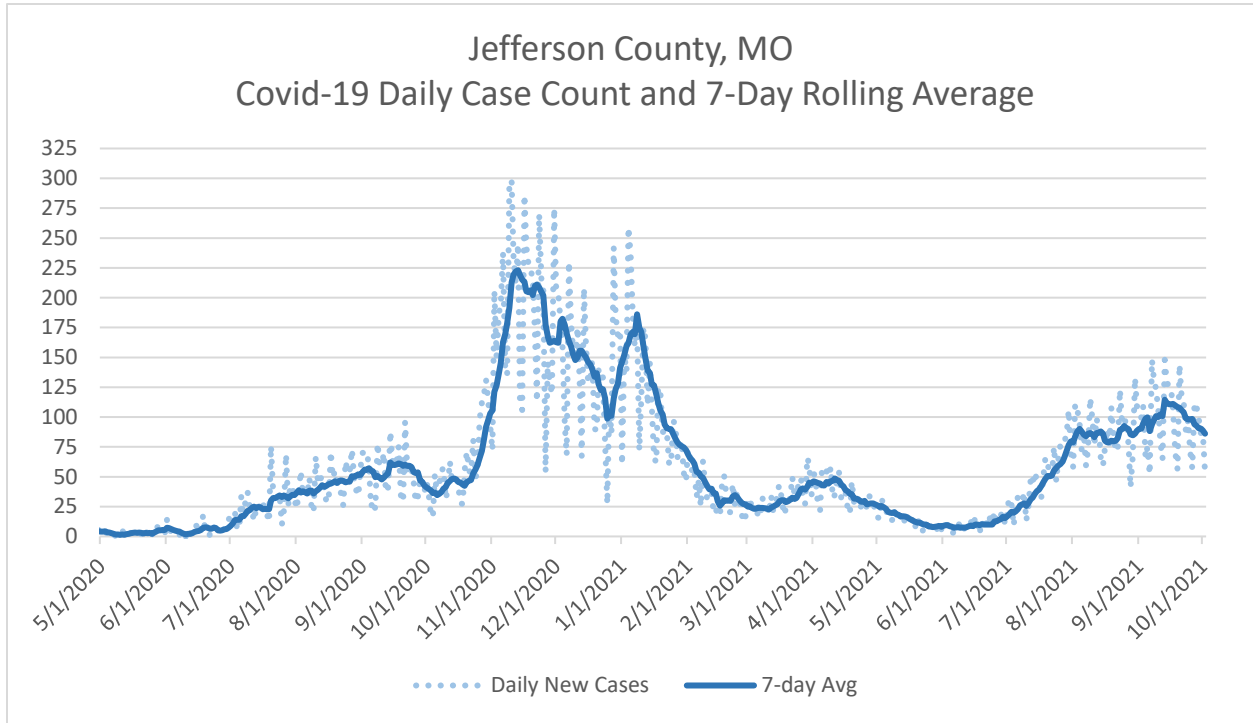


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

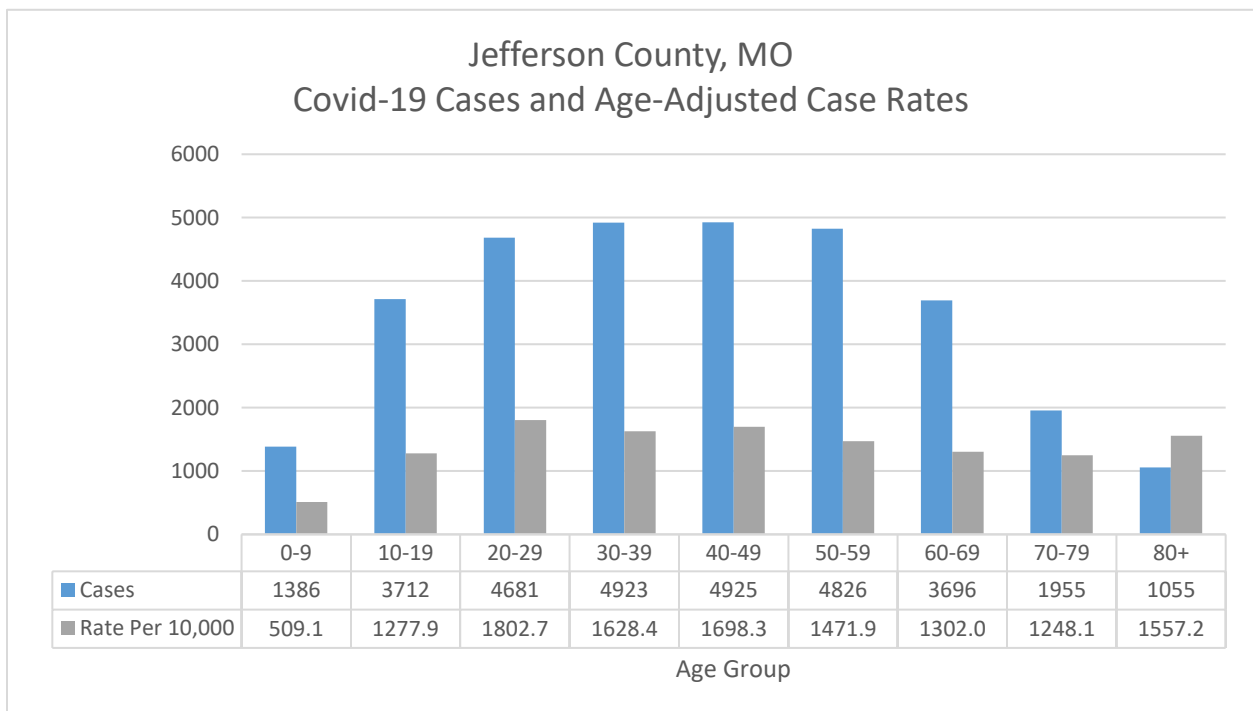


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

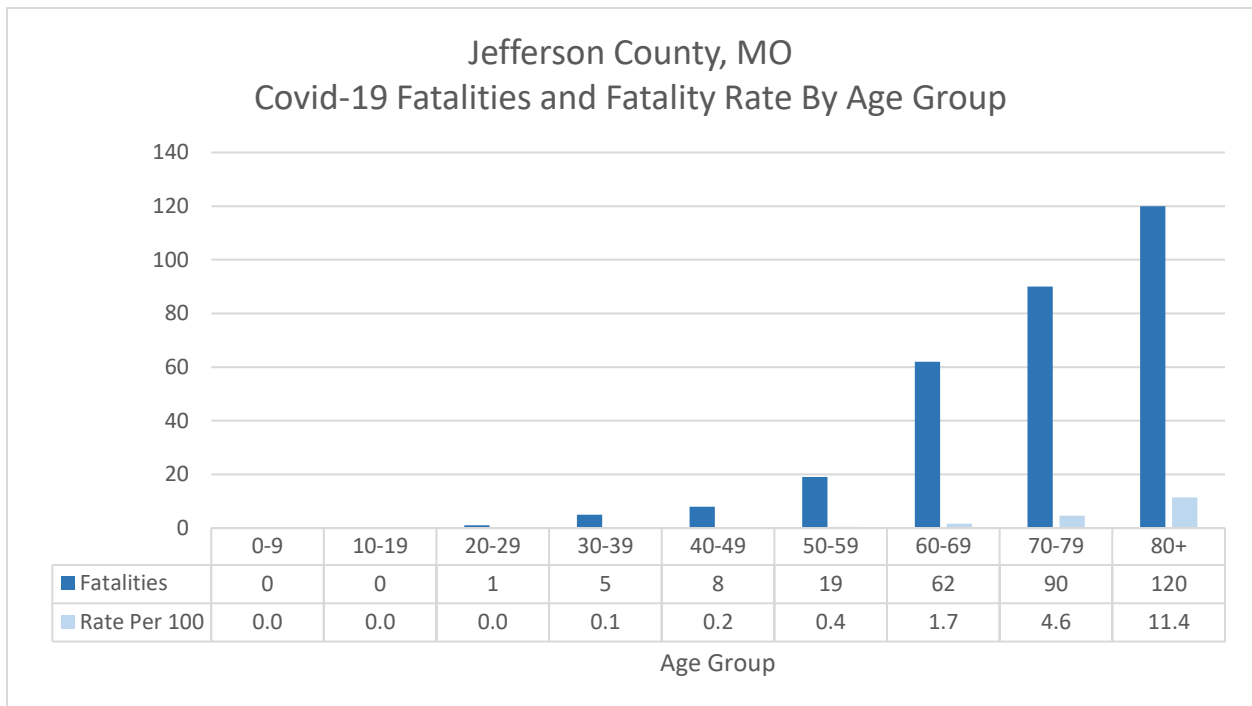


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.98%
Missouri	1.41%
US	1.61%

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

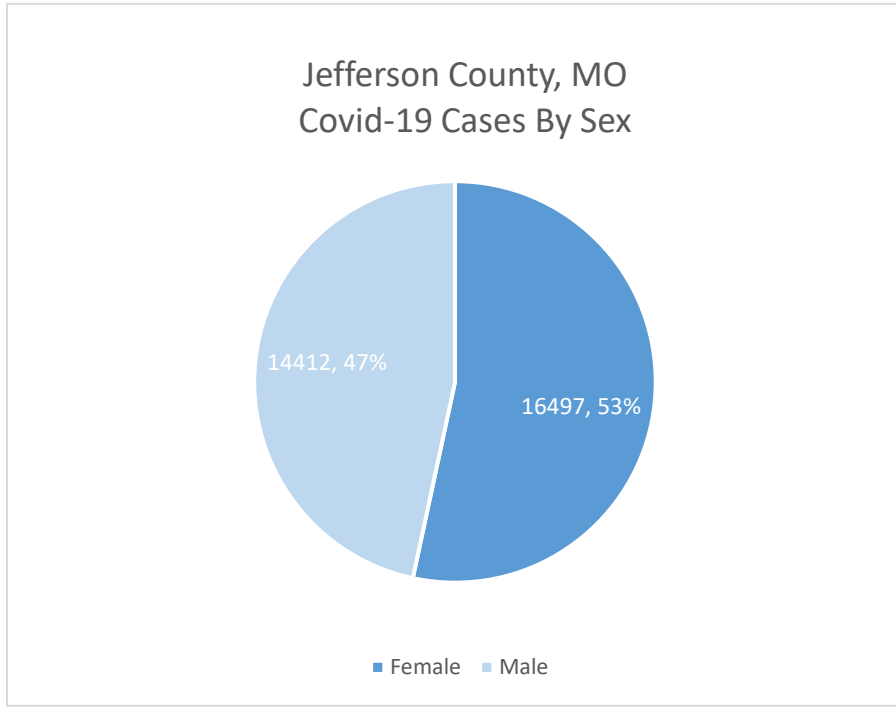


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

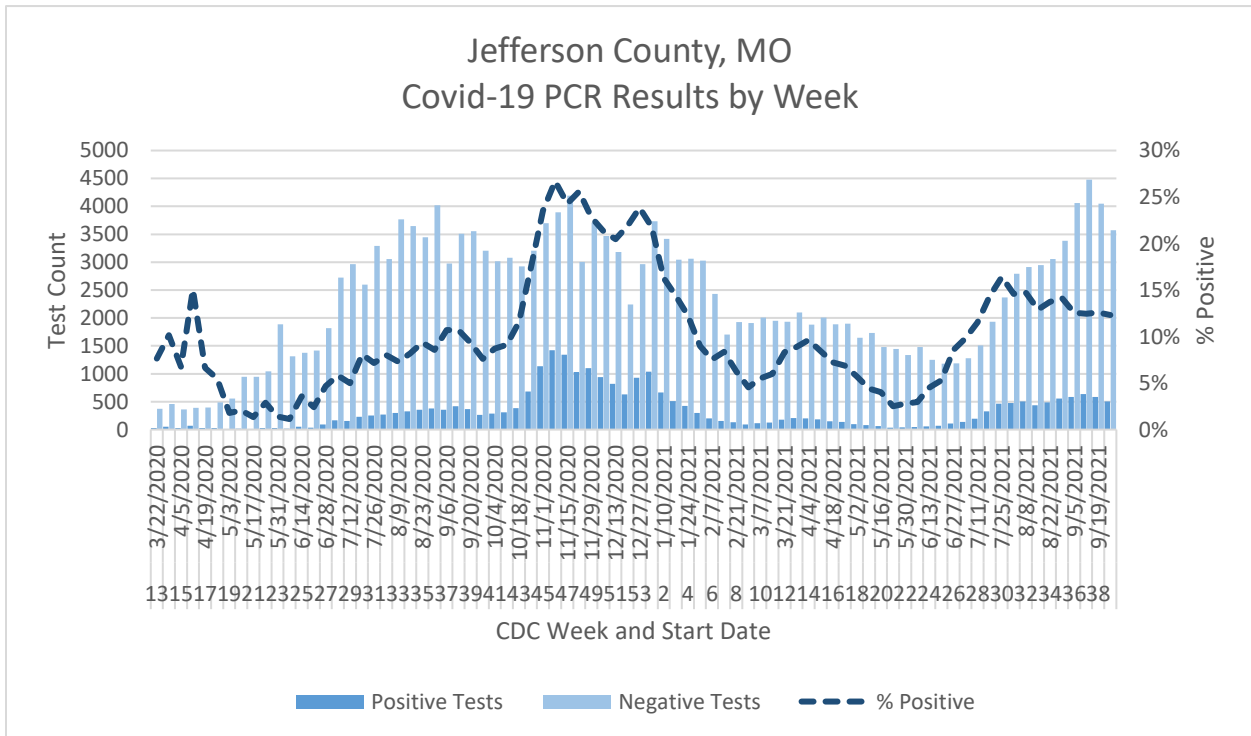


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

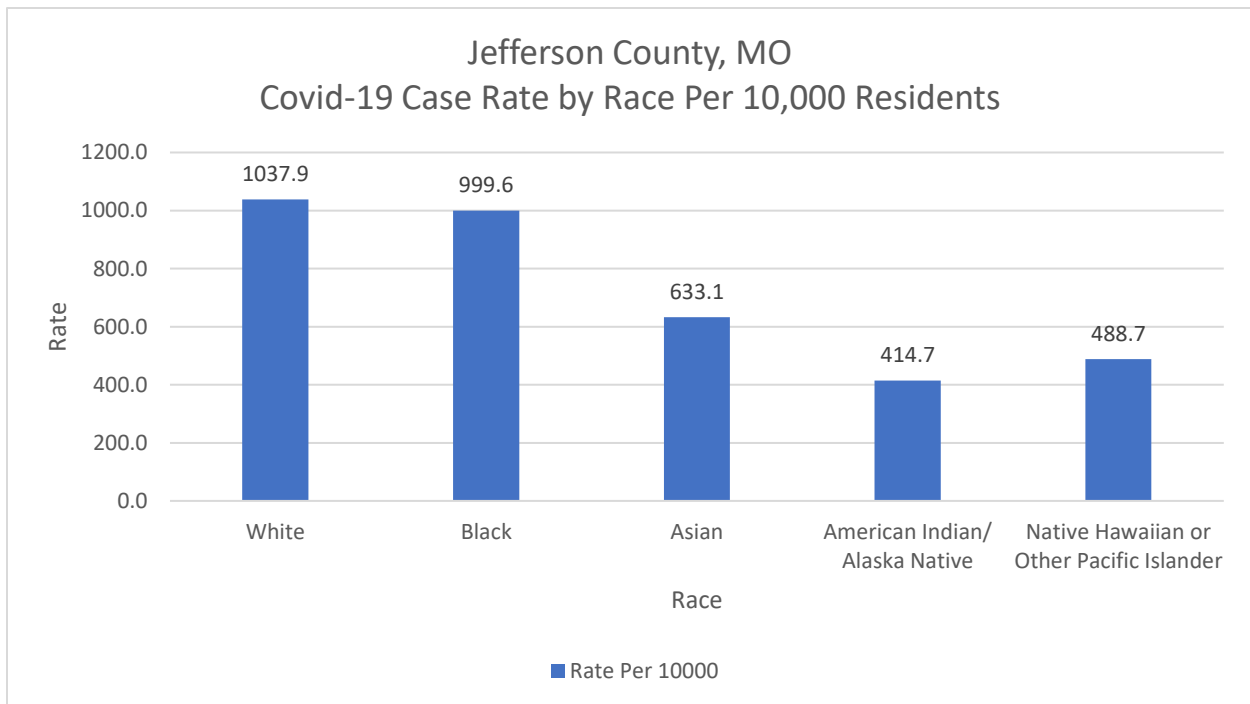
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
50	12/6/2020	940	3470	4410	21.3%
51	12/13/2020	819	3183	4002	20.5%
52	12/20/2020	629	2244	2873	21.9%
53	12/27/2020	929	2966	3895	23.9%
1	1/3/2021	1039	3732	4771	21.8%
2	1/10/2021	666	3417	4083	16.3%
3	1/17/2021	512	3045	3557	14.4%
4	1/24/2021	427	3064	3491	12.2%
5	1/31/2021	298	3026	3324	9.0%
6	2/7/2021	198	2431	2629	7.5%
7	2/14/2021	155	1701	1856	8.4%
8	2/21/2021	129	1926	2055	6.3%
9	2/28/2021	91	1907	1998	4.6%
10	3/7/2021	117	2008	2125	5.5%
11	3/14/2021	124	1949	2073	6.0%
12	3/21/2021	175	1931	2106	8.3%
13	3/28/2021	204	2099	2303	8.9%
14	4/4/2021	200	1879	2079	9.6%
15	4/11/2021	185	2006	2191	8.4%
16	4/18/2021	147	1887	2034	7.2%
17	4/25/2021	140	1900	2040	6.9%
18	5/2/2021	100	1647	1747	5.7%
19	5/9/2021	80	1732	1812	4.4%
20	5/16/2021	62	1482	1544	4.0%
21	5/23/2021	37	1445	1482	2.5%
22	5/30/2021	38	1334	1372	2.8%
23	6/6/2021	45	1478	1523	3.0%
24	6/13/2021	59	1251	1310	4.5%
25	6/20/2021	66	1181	1247	5.3%
26	6/27/2021	111	1185	1296	8.6%
27	7/4/2021	139	1277	1416	9.8%
28	7/11/2021	196	1506	1702	11.5%
29	7/18/2021	324	1933	2257	14.4%
30	7/25/2021	464	2366	2830	16.4%
31	8/1/2021	477	2790	3267	14.6%
32	8/8/2021	502	2910	3412	14.7%
33	8/15/2021	436	2946	3382	12.9%
34	8/22/2021	486	3057	3543	13.7%
35	8/29/2021	556	3380	3936	14.1%
36	9/5/2021	584	4061	4645	12.6%
37	9/12/2021	636	4478	5114	12.4%
38	9/19/2021	582	4046	4628	12.6%
39	9/26/2021	502	3571	4073	12.3%

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

Race	Cases	Rate Per 10000
White	22449	1037.9
Black	270	999.6
Asian	114	633.1
American Indian/ Alaska Native	28	414.7
Native Hawaiian or Other Pacific Islander	11	488.7
Unknown	3835	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

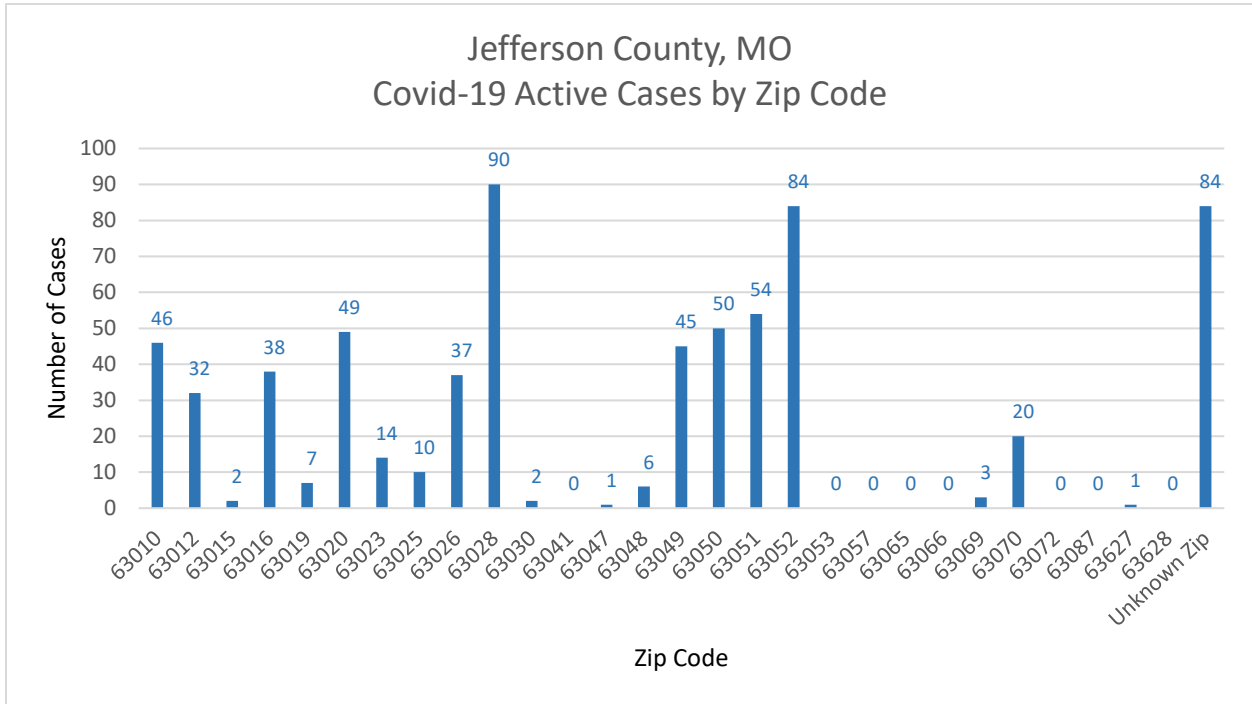
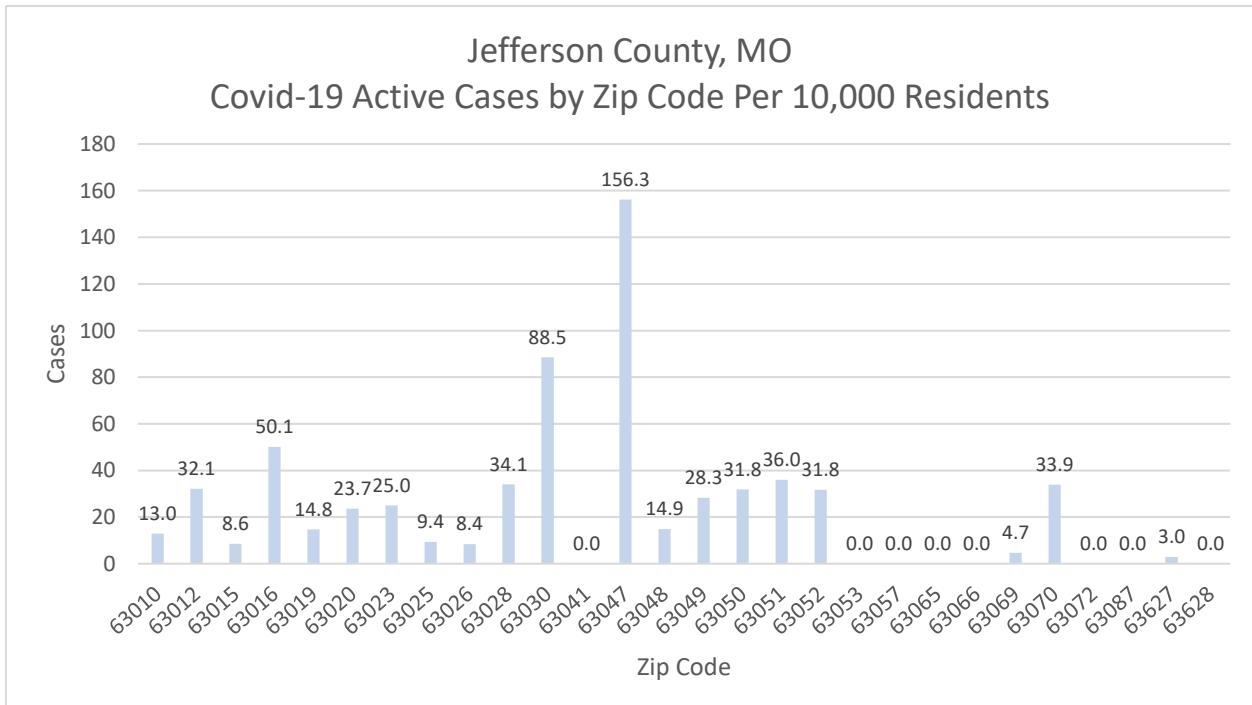


Figure 10. Covid-19 Active Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri





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

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

Week 39: September 26- October 2

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

SUMMARY:

- During Week 39 a total of 174 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A cumulative total of 5041 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
1	1/3/2021	192	2226
2	1/10/2021	126	2352
3	1/17/2021	73	2425
4	1/24/2021	84	2509
5	1/31/2021	92	2601
6	2/7/2021	28	2629
7	2/14/2021	33	2662
8	2/21/2021	30	2692
9	2/28/2021	32	2724
10	3/7/2021	35	2759
11	3/14/2021	31	2790
12	3/21/2021	45	2835
13	3/28/2021	61	2896
14	4/4/2021	58	2954
15	4/11/2021	48	3002
16	4/18/2021	43	3045
17	4/25/2021	48	3093
18	5/2/2021	34	3127
19	5/9/2021	22	3149
20	5/16/2021	12	3161
21	5/23/2021	6	3167
22	5/30/2021	4	3171
23	6/6/2021	7	3178
24	6/13/2021	13	3191
25	6/20/2021	26	3217
26	6/27/2021	25	3242
27	7/4/2021	34	3276
28	7/11/2021	64	3340
29	7/18/2021	75	3415
30	7/25/2021	105	3520
31	8/1/2021	101	3621
32	8/8/2021	103	3724
33	8/15/2021	108	3832
34	8/22/2021	107	3939
35	8/29/2021	207	4146
36	9/5/2021	234	4380
37	9/12/2021	256	4636
38	9/19/2021	231	4867
39	9/26/2021	174	5041

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

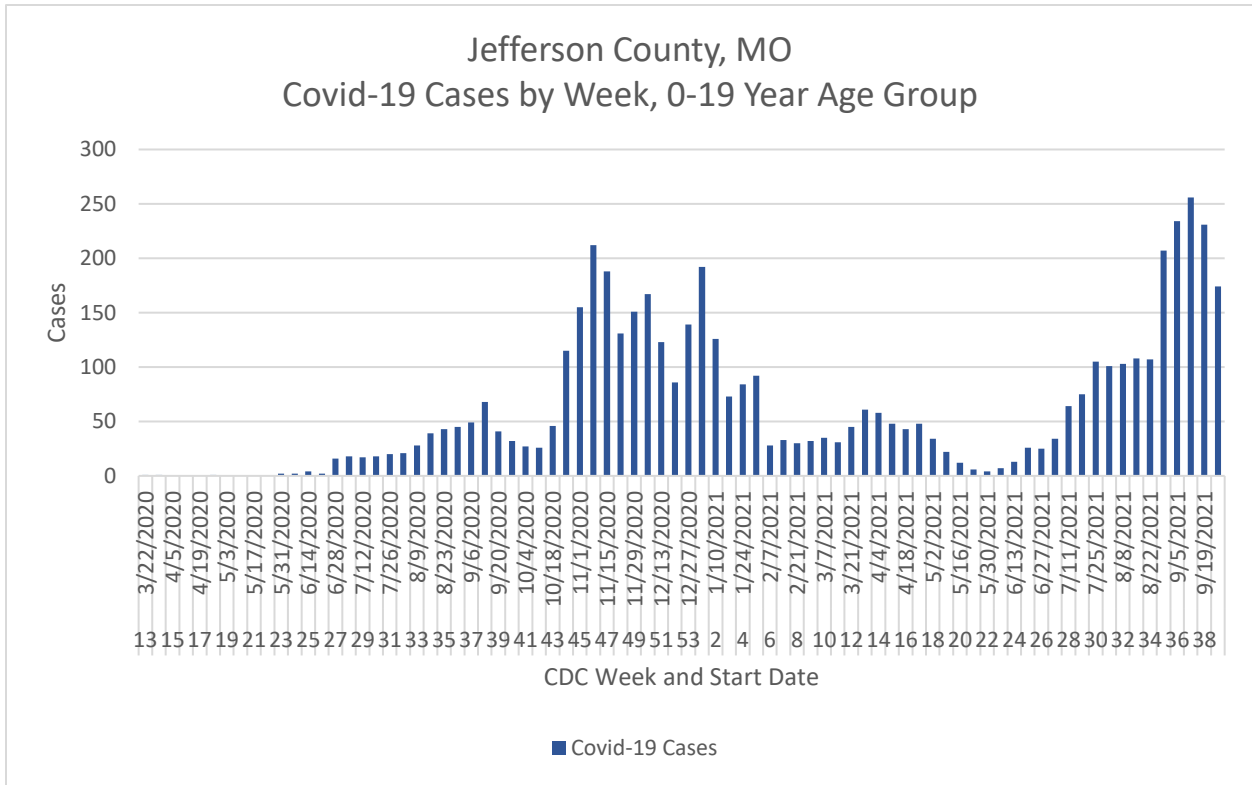


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	1,386	4.45%
10-19	3,712	11.91%
20+	26,061	83.64%

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

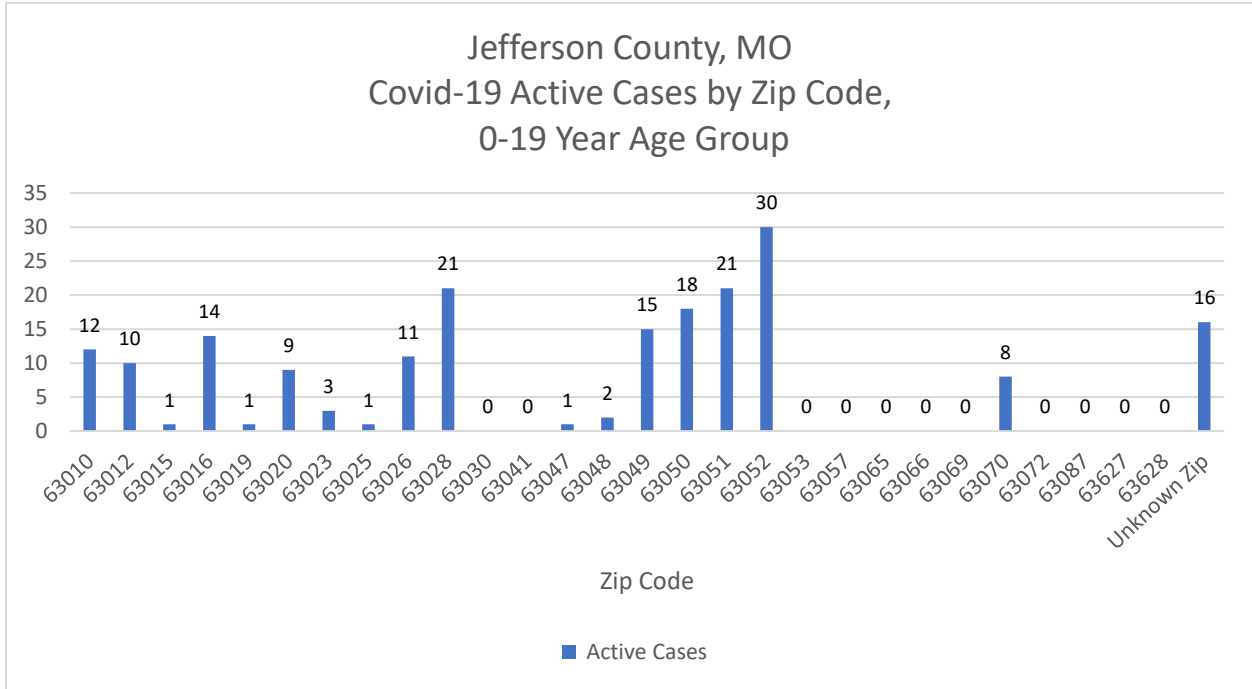


Figure 3. Covid-19 Active and Cumulative Cases by Age-Based Grade Levels, Jefferson County, Missouri

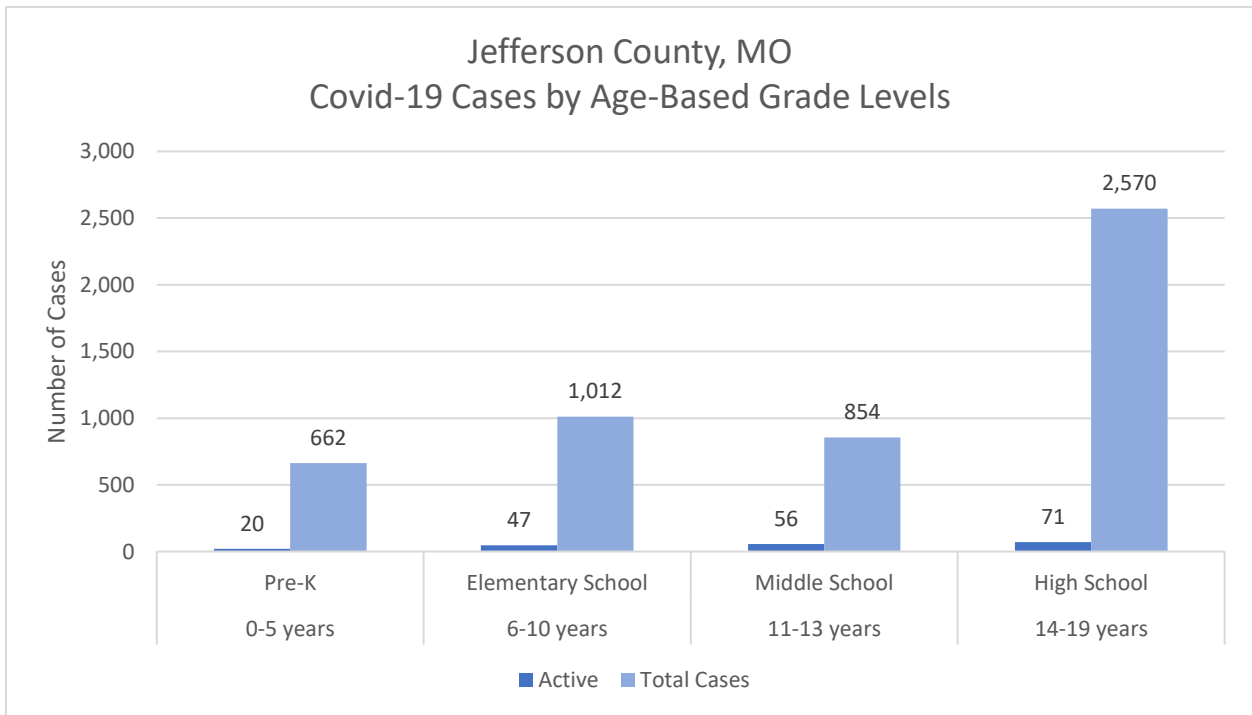


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

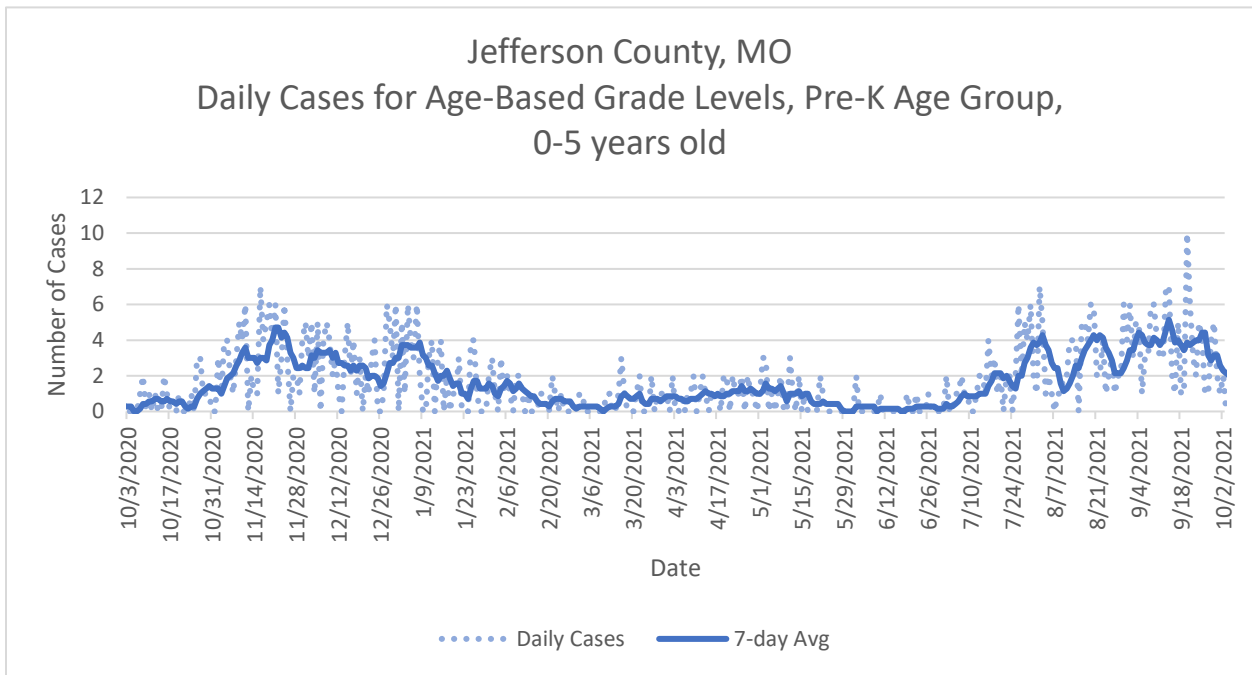


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

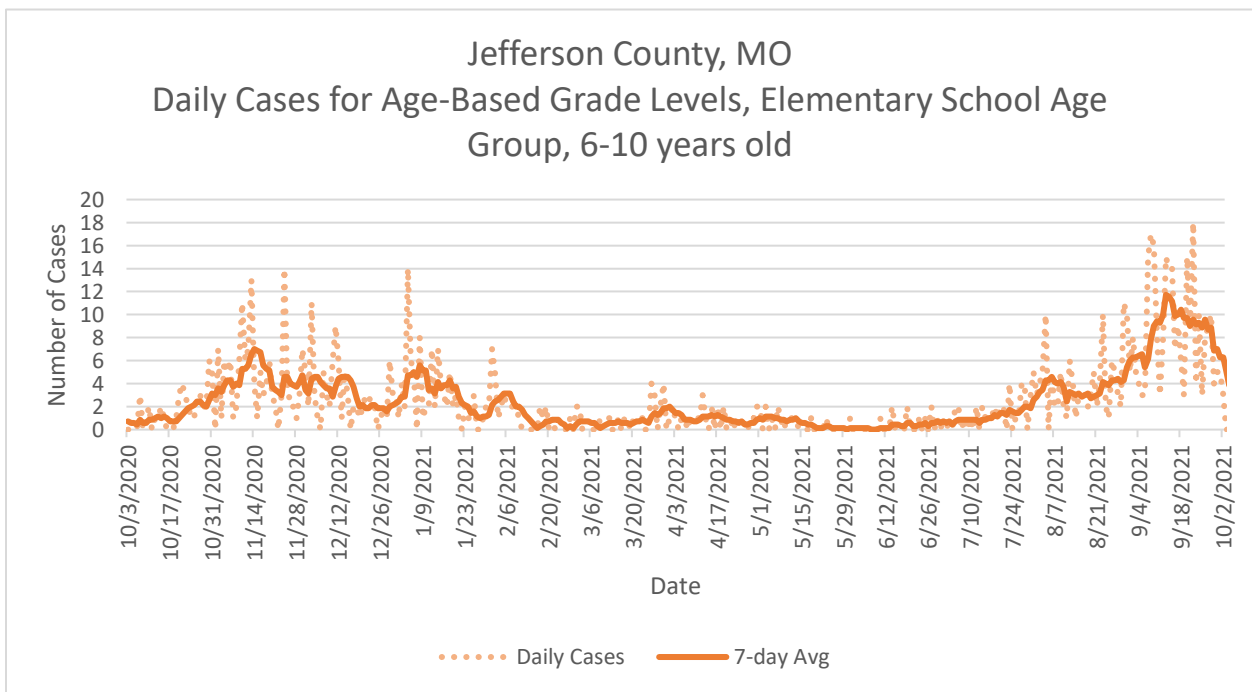


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

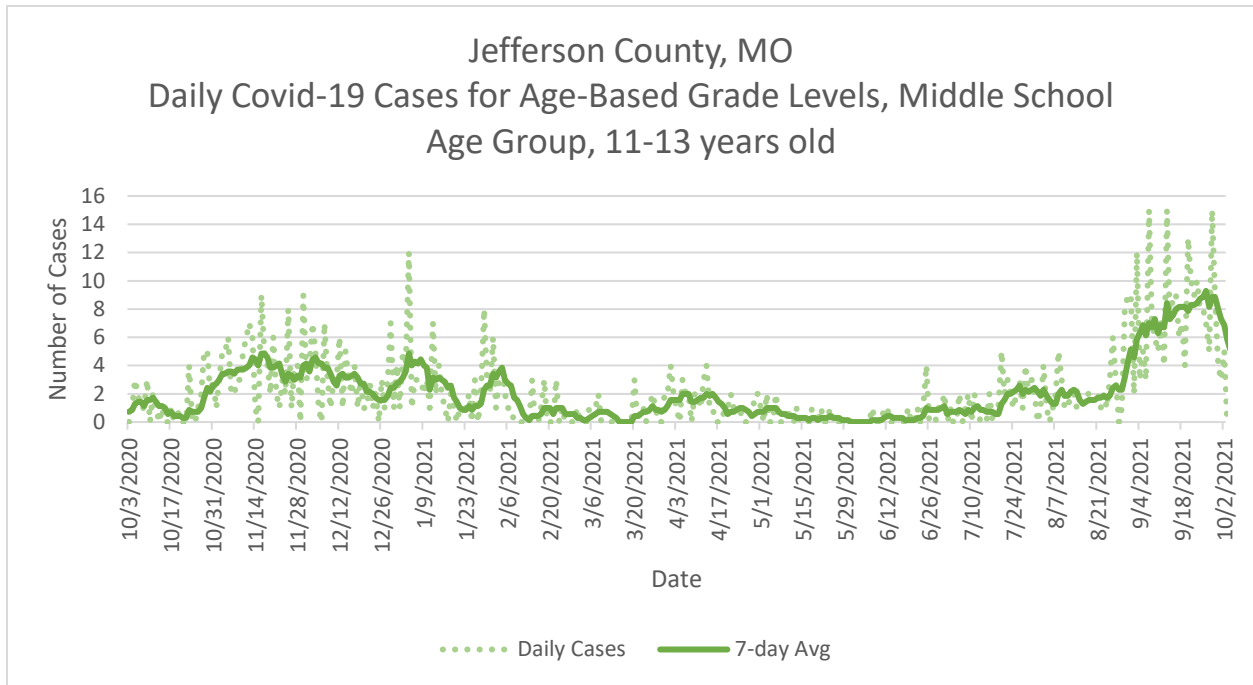


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

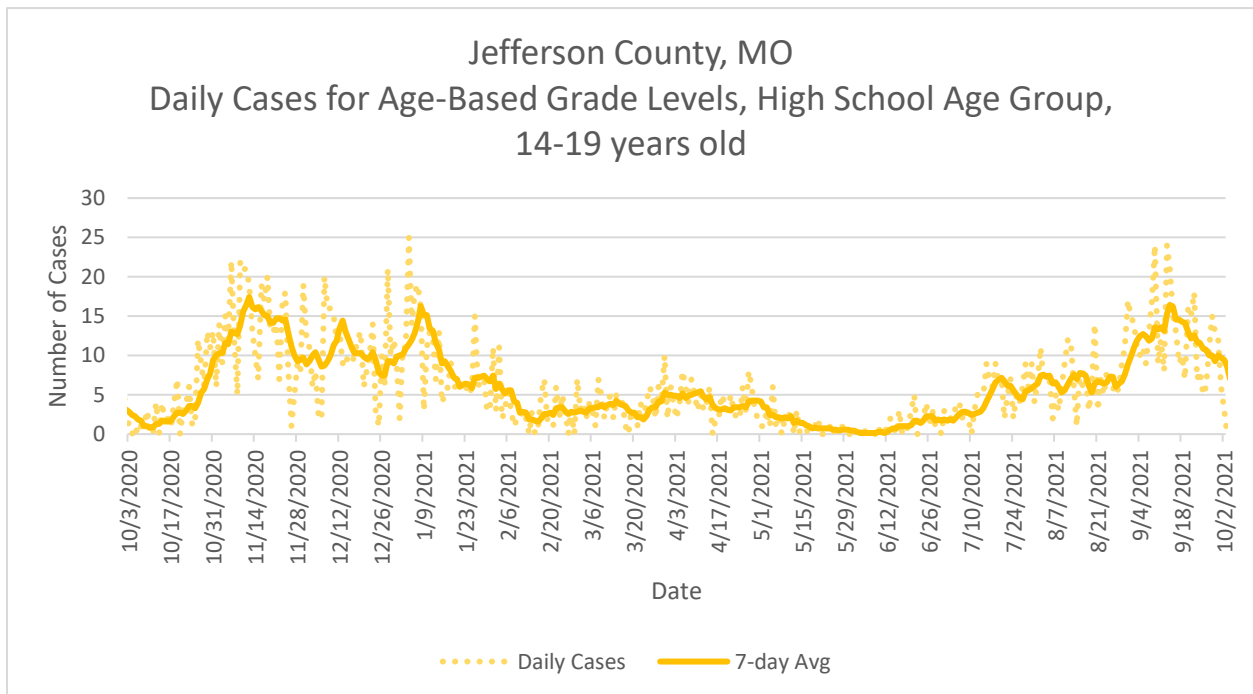


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri

