



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 49: November 29- December 5

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

SUMMARY:

-This is a revised version of the Week 49 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
12	3/15/2020	0	0
13	3/22/2020	22	22
14	3/29/2020	48	70
15	4/5/2020	43	113
16	4/12/2020	23	136
17	4/19/2020	24	160
18	4/26/2020	19	179
19	5/3/2020	15	194
20	5/10/2020	11	205
21	5/17/2020	10	215
22	5/24/2020	11	226
23	5/31/2020	29	255
24	6/7/2020	13	268
25	6/14/2020	31	299
26	6/21/2020	35	334
27	6/28/2020	40	374
28	7/5/2020	160	534
29	7/12/2020	168	702
30	7/19/2020	196	898
31	7/26/2020	247	1145
32	8/2/2020	302	1447
33	8/9/2020	290	1737
34	8/16/2020	288	2025
35	8/23/2020	351	2376
36	8/30/2020	405	2781
37	9/6/2020	355	3136
38	9/13/2020	469	3605
39	9/20/2020	409	4014
40	9/27/2020	332	4346
41	10/4/2020	284	4630
42	10/11/2020	322	4952
43	10/18/2020	349	5301
44	10/25/2020	635	5936
45	11/1/2020	987	6923
46	11/8/2020	1511	8434
47	11/15/2020	1349	9783
48	11/22/2020	1313	11096
49	11/29/2020	1247	12343

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

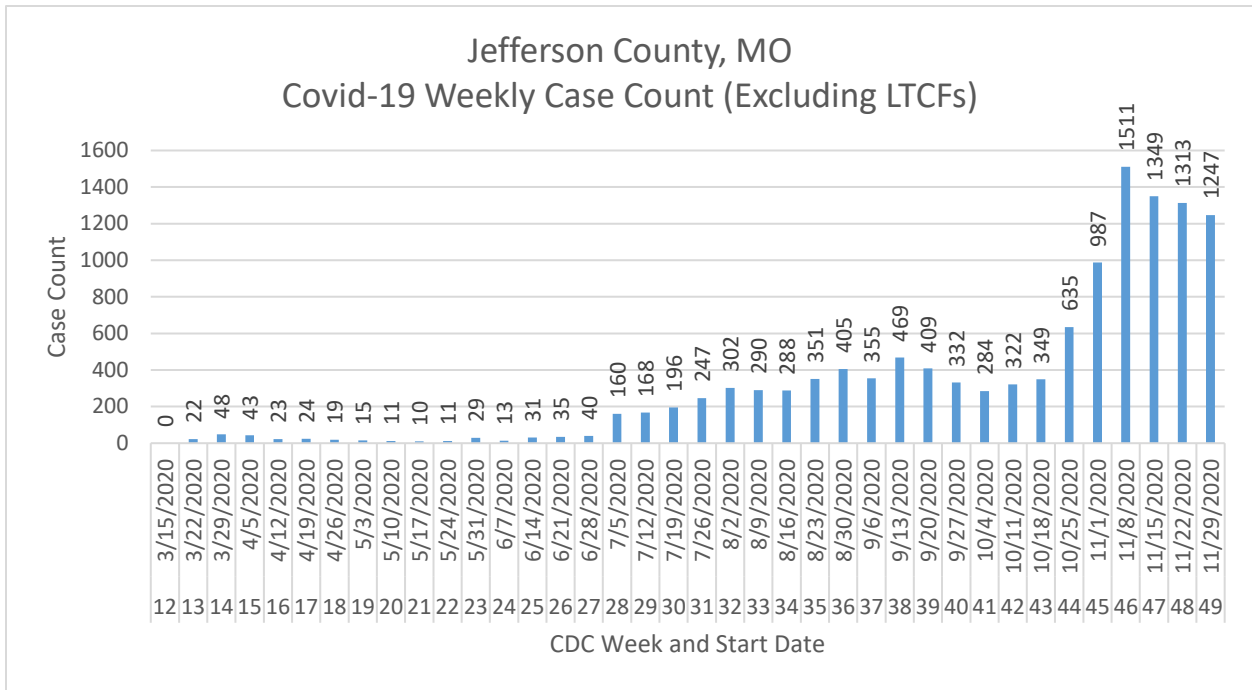


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week (Excluding LTCFs), Jefferson County, Missouri

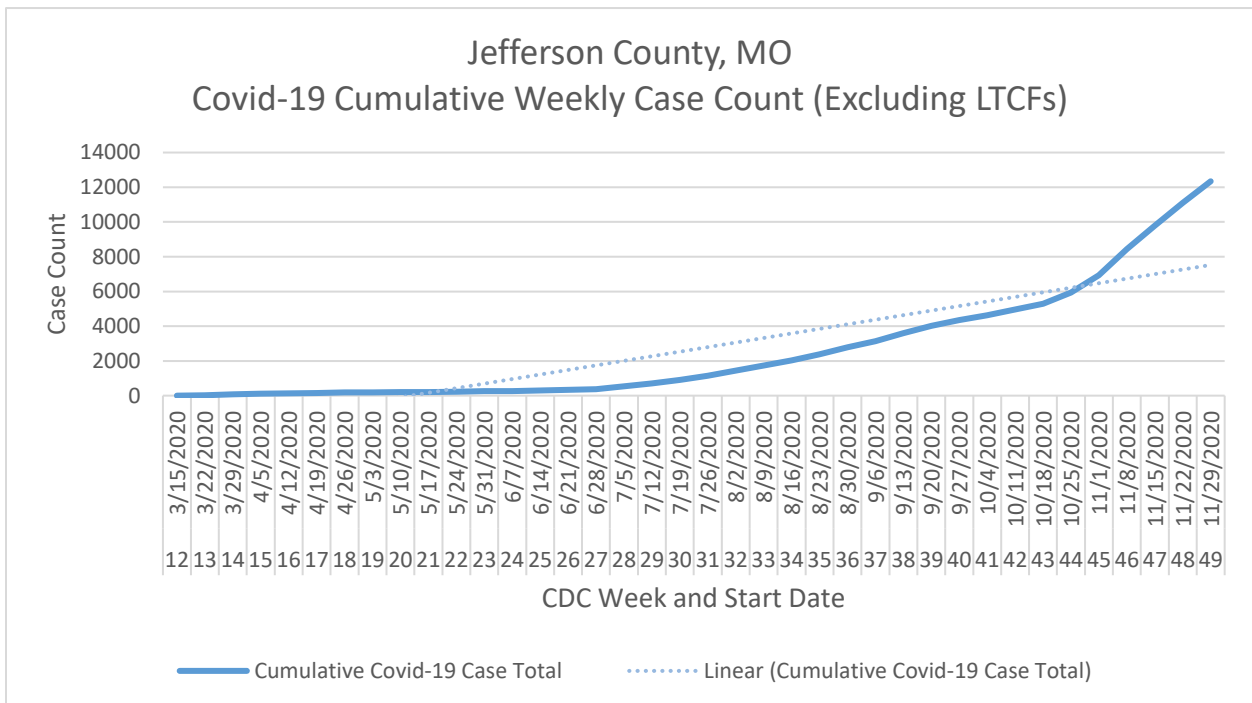


Figure 3. Covid-19 Daily Case Count and 7-Day Average (Excluding LTCFs), Jefferson County, Missouri

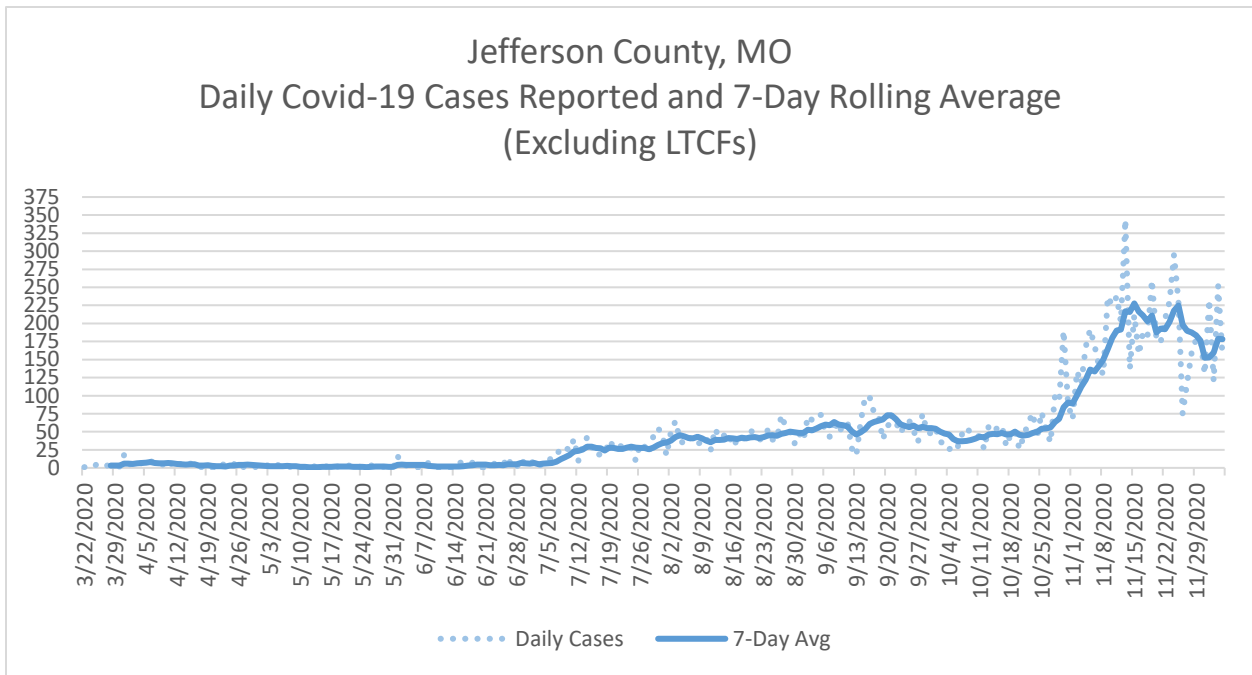


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates (Excluding LTCFs), Jefferson County, Missouri

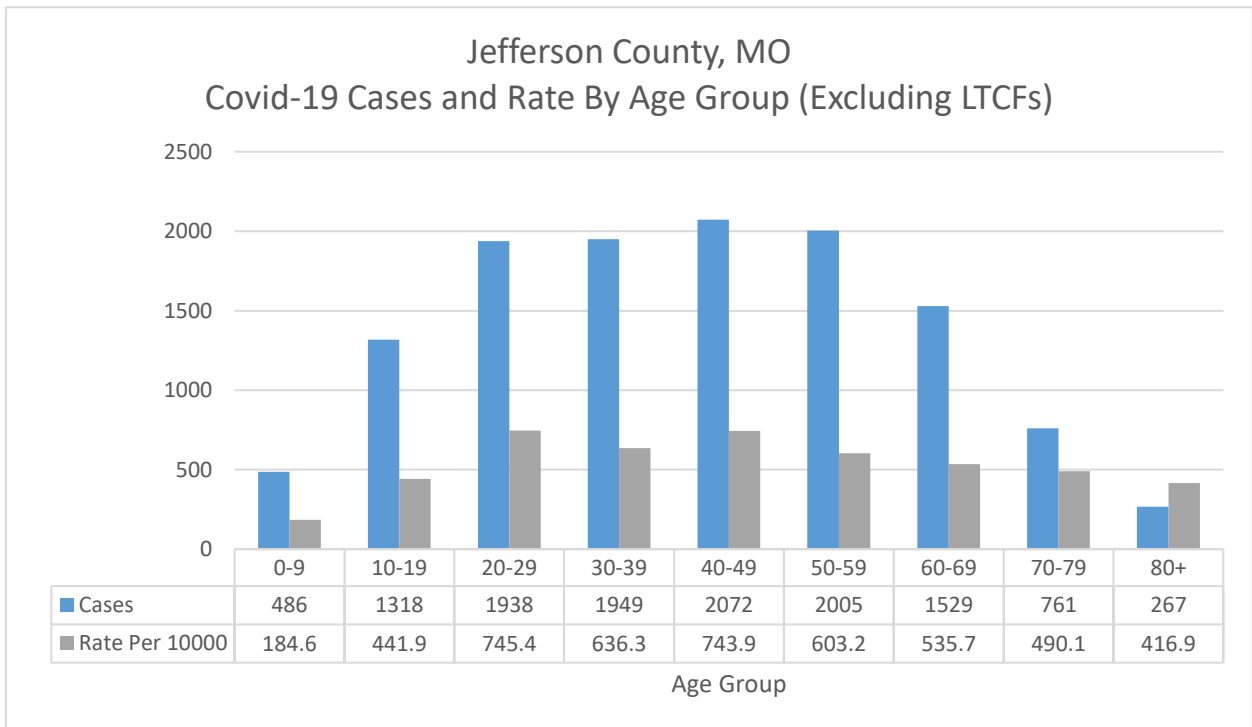


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group (Excluding LTCFs), Jefferson County, Missouri

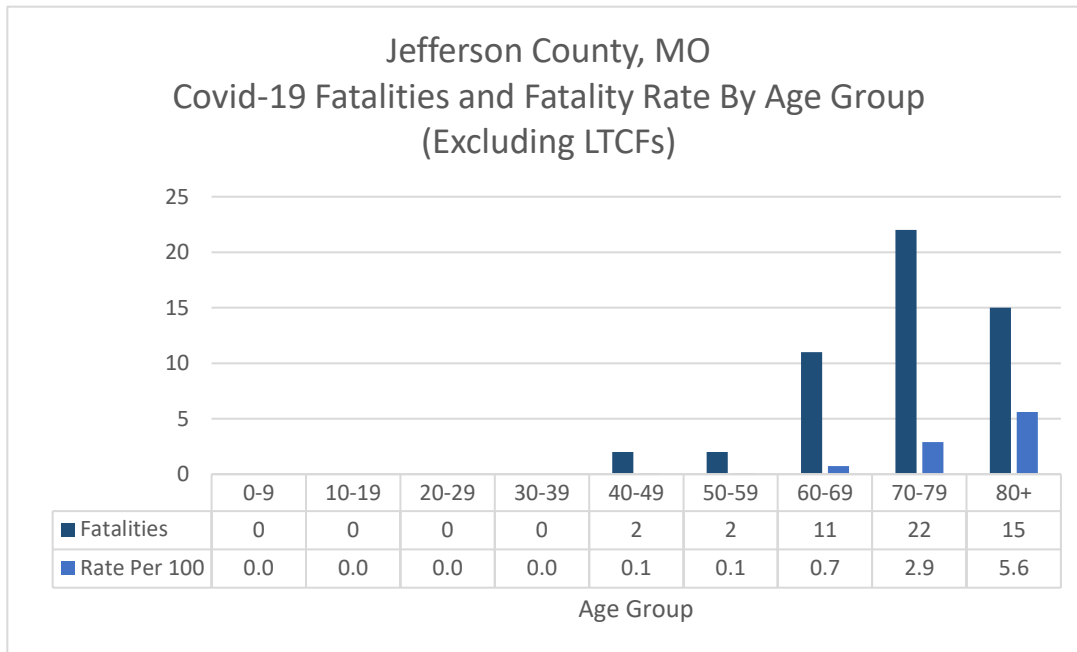


Table 2. Approximate Covid-19 Cumulative Fatality Rates (Excluding LTCFs)*

Jefferson County	.42%

*Missouri and United States data unavailable

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

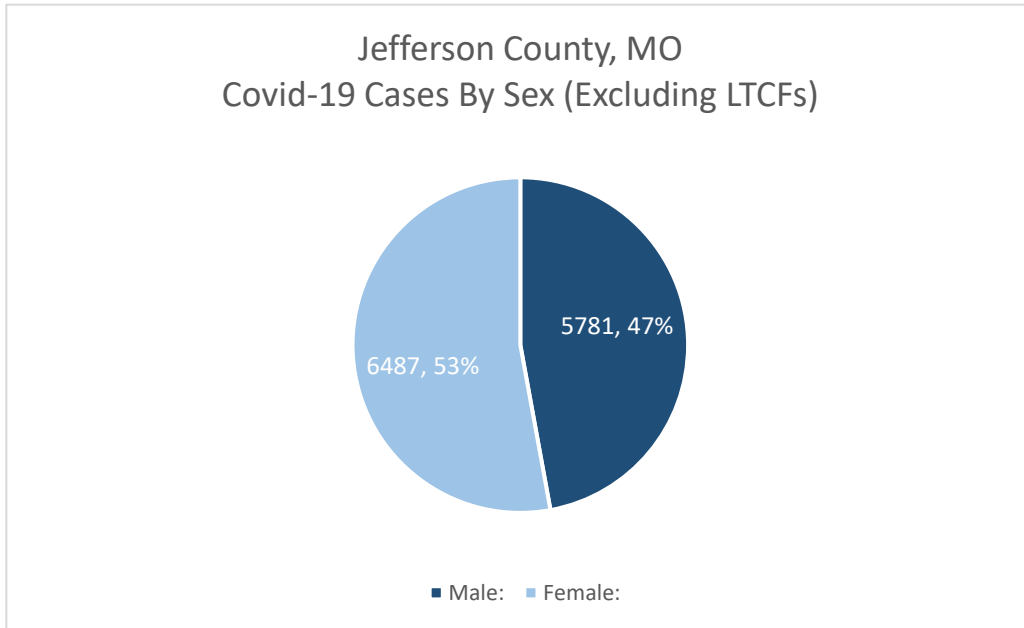


Figure 7. Covid-19 PCR Test Results by Week (Excluding LTCFs), Jefferson County, Missouri

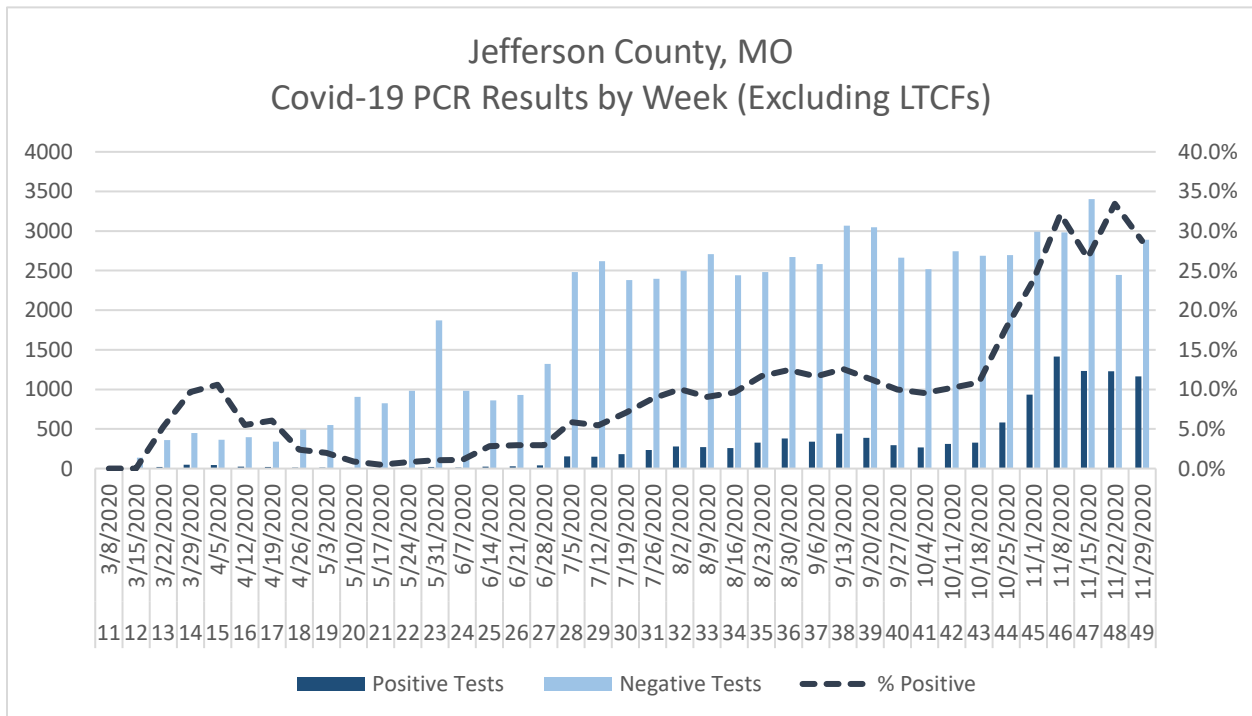


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County (Excluding LTCFs),
Missouri

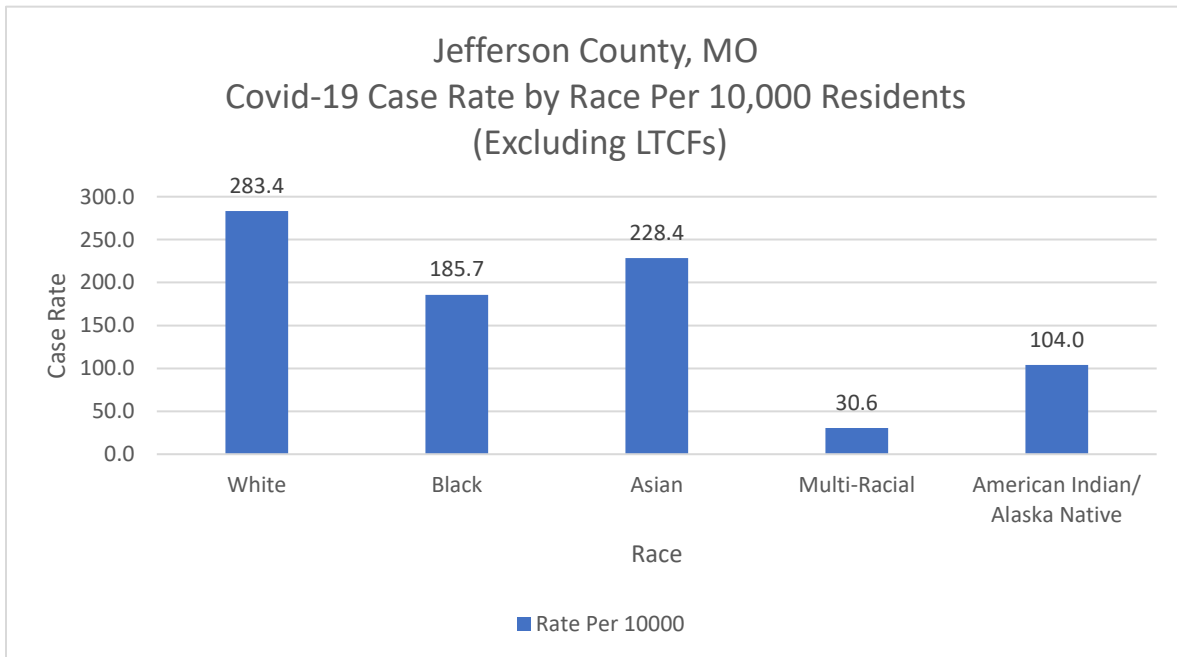
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
11	3/8/2020	0	7	7	0.0%
12	3/15/2020	0	137	137	0.0%
13	3/22/2020	20	361	381	5.2%
14	3/29/2020	48	449	497	9.7%
15	4/5/2020	43	363	406	10.6%
16	4/12/2020	23	396	419	5.5%
17	4/19/2020	22	340	362	6.1%
18	4/26/2020	12	493	505	2.4%
19	5/3/2020	11	549	560	2.0%
20	5/10/2020	8	907	915	0.9%
21	5/17/2020	4	823	827	0.5%
22	5/24/2020	8	981	989	0.8%
23	5/31/2020	20	1870	1890	1.1%
24	6/7/2020	11	981	992	1.1%
25	6/14/2020	25	862	887	2.8%
26	6/21/2020	28	928	956	2.9%
27	6/28/2020	40	1320	1360	2.9%
28	7/5/2020	154	2482	2636	5.8%
29	7/12/2020	151	2619	2770	5.5%
30	7/19/2020	180	2379	2559	7.0%
31	7/26/2020	233	2396	2629	8.9%
32	8/2/2020	278	2497	2775	10.0%
33	8/9/2020	270	2707	2977	9.1%
34	8/16/2020	260	2440	2700	9.6%
35	8/23/2020	328	2482	2810	11.7%
36	8/30/2020	380	2672	3052	12.5%
37	9/6/2020	340	2582	2922	11.6%
38	9/13/2020	441	3066	3507	12.6%
39	9/20/2020	389	3046	3435	11.3%
40	9/27/2020	295	2664	2959	10.0%
41	10/4/2020	266	2518	2784	9.6%
42	10/11/2020	311	2745	3056	10.2%
43	10/18/2020	328	2687	3015	10.9%
44	10/25/2020	581	2695	3276	17.7%
45	11/1/2020	932	2990	3922	23.8%
46	11/8/2020	1413	2984	4397	32.1%
47	11/15/2020	1232	3404	4636	26.6%
48	11/22/2020	1228	2444	3672	33.4%
49	11/29/2020	1165	2888	4053	28.7%

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

Race	Cases	Rate Per 10000
White	6109	283.4
Black	50	185.7
Asian	41	228.4
Multi-Racial	11	30.6
American Indian/ Alaska Native	7	104.0
Unknown	1318	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

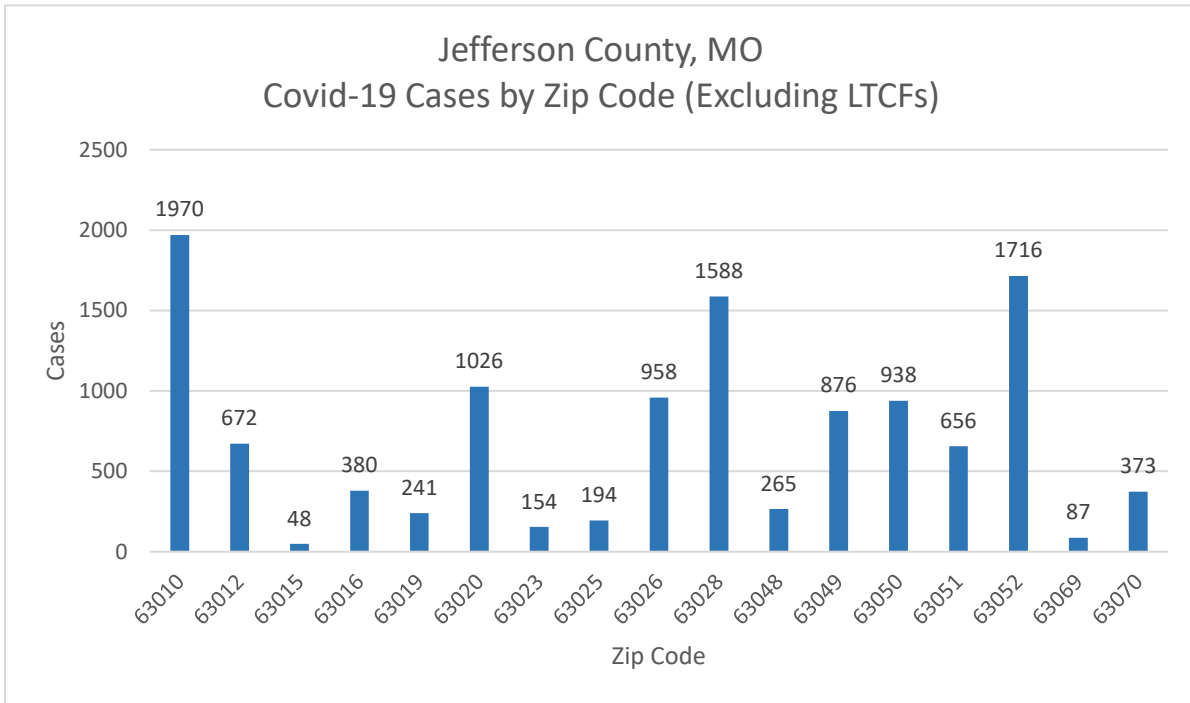
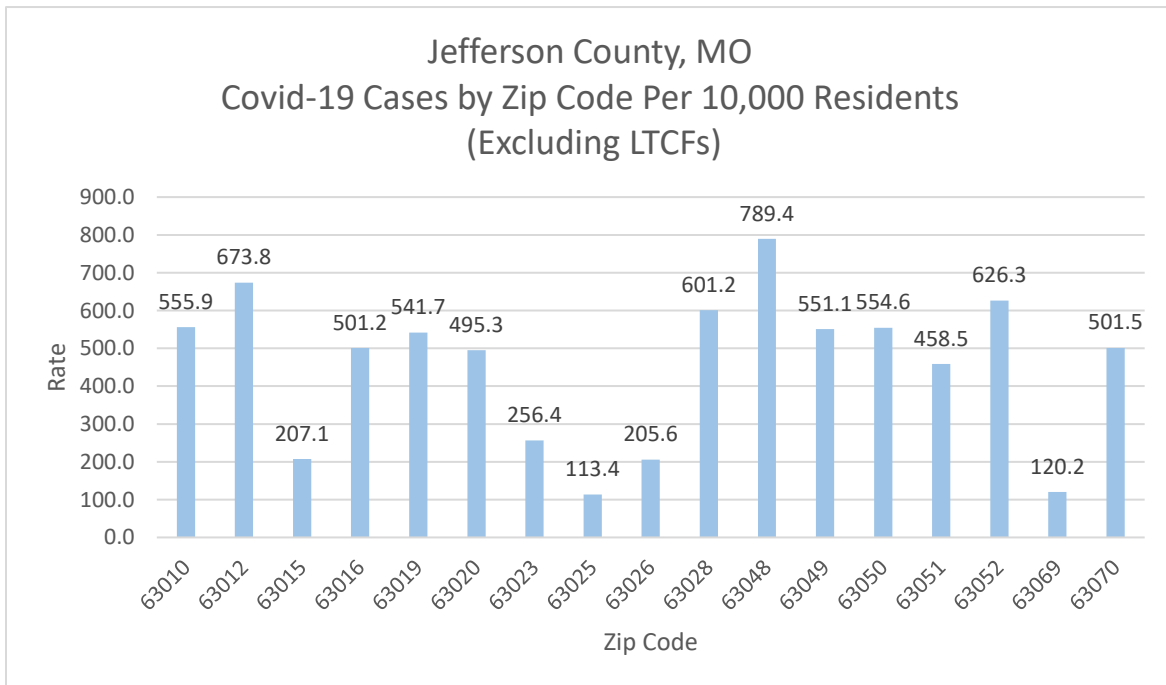


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County (Excluding LTCFs), Missouri





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

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

Week 49: November 29- December 5

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

SUMMARY:

- During Week 49 a total of 180 confirmed and probable Covid-19 cases were reported in Jefferson County for the 0-19 year age group. A year-to-date total of 1837 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
12	3/15/2020	0	0
13	3/22/2020	2	2
14	3/29/2020	0	2
15	4/5/2020	0	2
16	4/12/2020	0	2
17	4/19/2020	1	3
18	4/26/2020	1	4
19	5/3/2020	0	4
20	5/10/2020	0	4
21	5/17/2020	0	4
22	5/24/2020	0	4
23	5/31/2020	1	5
24	6/7/2020	1	6
25	6/14/2020	5	11
26	6/21/2020	4	15
27	6/28/2020	4	19
28	7/5/2020	25	44
29	7/12/2020	22	66
30	7/19/2020	33	99
31	7/26/2020	36	135
32	8/2/2020	34	169
33	8/9/2020	38	207
34	8/16/2020	49	256
35	8/23/2020	61	317
36	8/30/2020	68	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	98	878
45	11/1/2020	164	1042
46	11/8/2020	248	1290
47	11/15/2020	205	1495
48	11/22/2020	162	1657
49	11/29/2020	180	1837

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

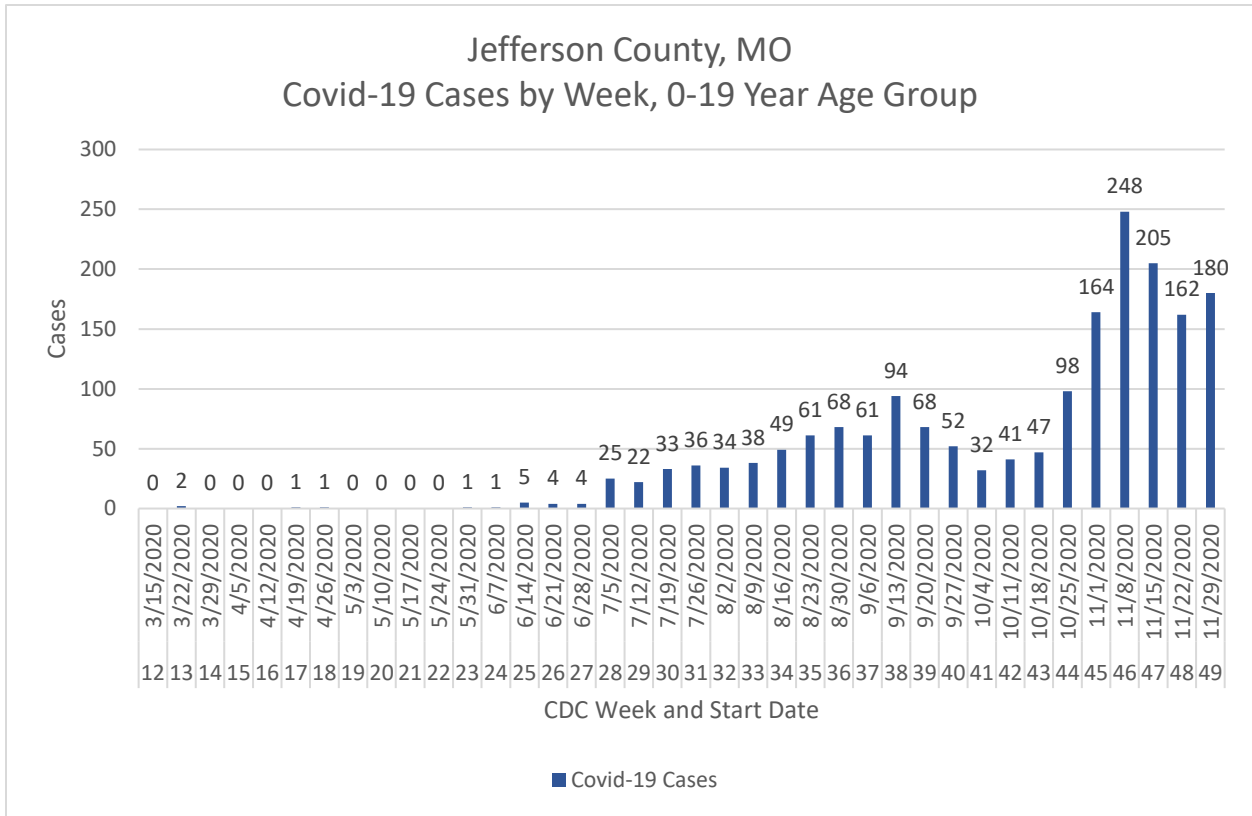


Table 2. Covid-19 Cases by Age Group, Jefferson County, Missouri

Age Group	Cases	Percent
0-9	487	3.67%
10-19	1350	10.16%
20+	11426	86.02%

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

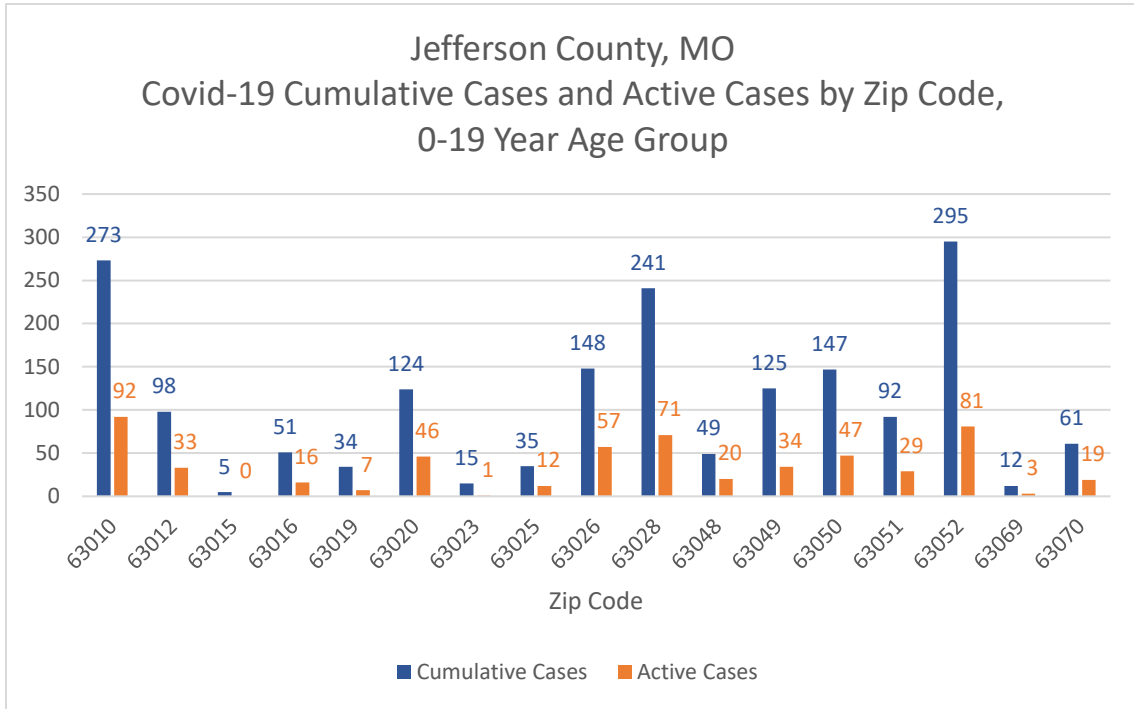


Figure 3. Covid-19 Cases by Age-Based Grade Levels, Jefferson County, Missouri

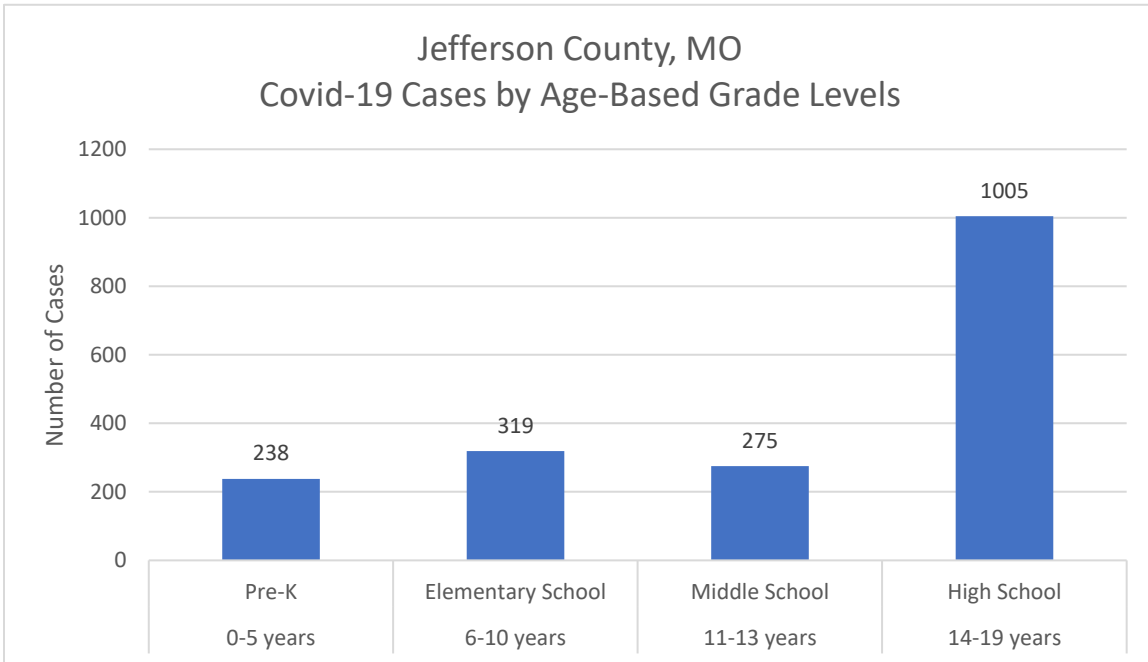


Figure 4. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Pre-K Age Group, Jefferson County, Missouri

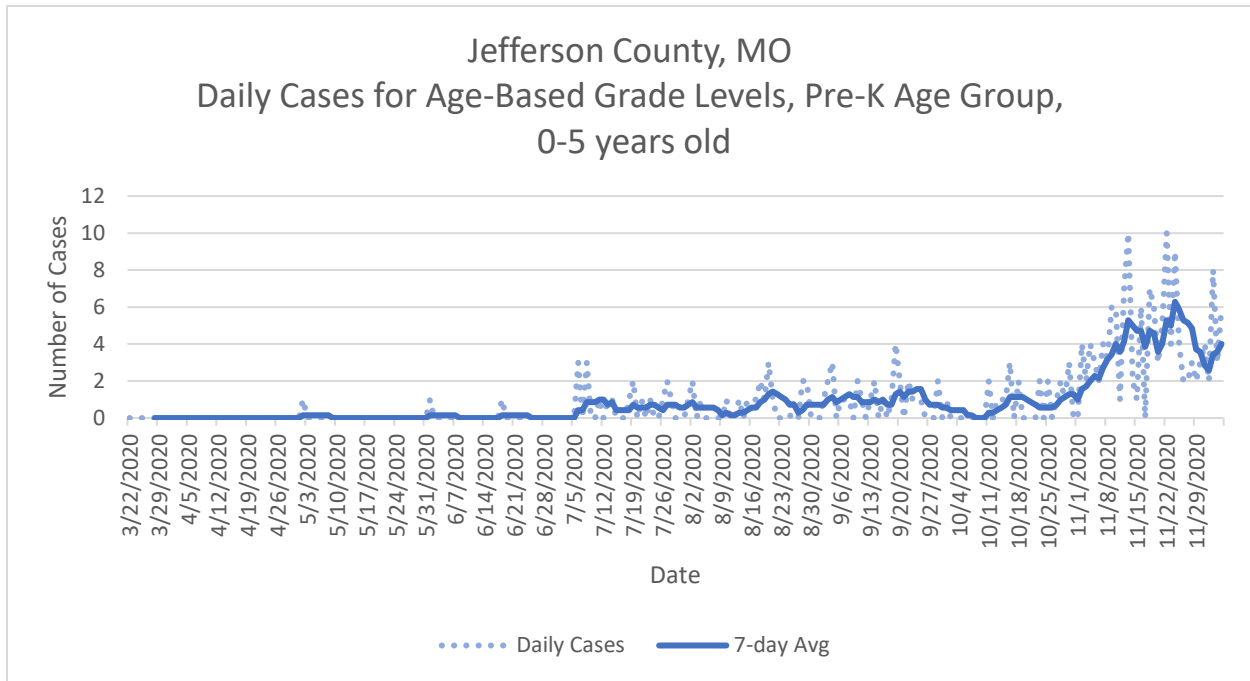


Figure 5. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Elementary School Age Group, Jefferson County, Missouri

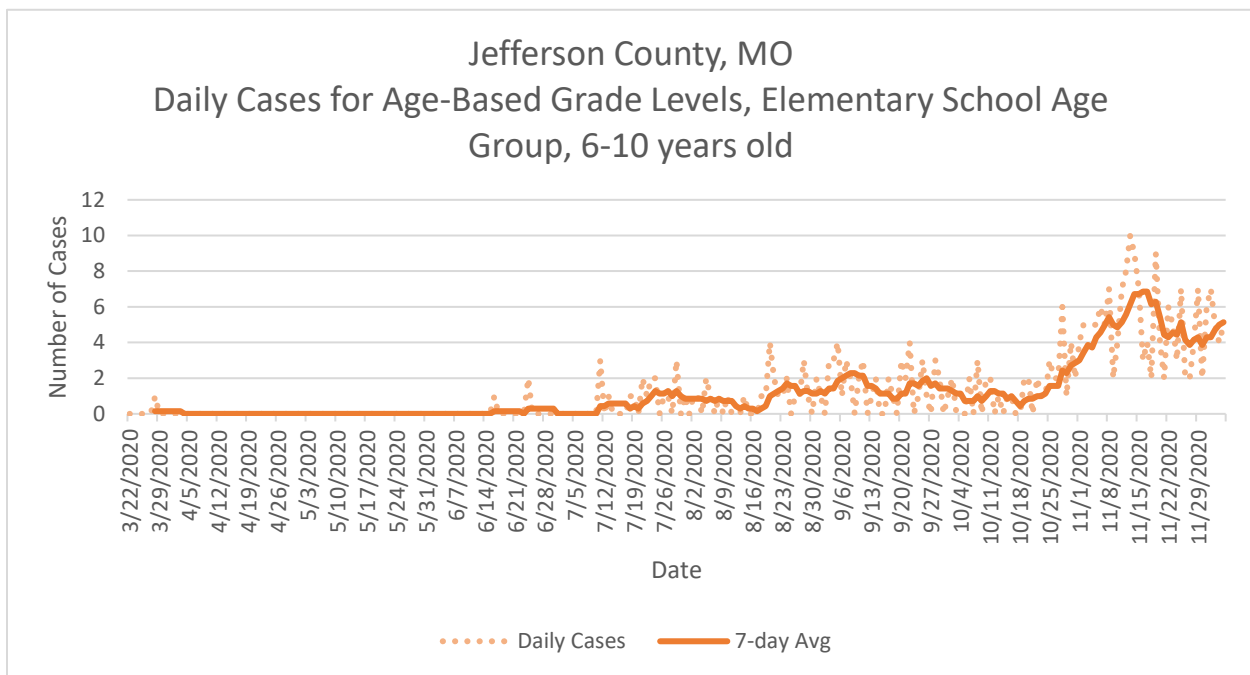


Figure 6. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, Middle School Age Group, Jefferson County, Missouri

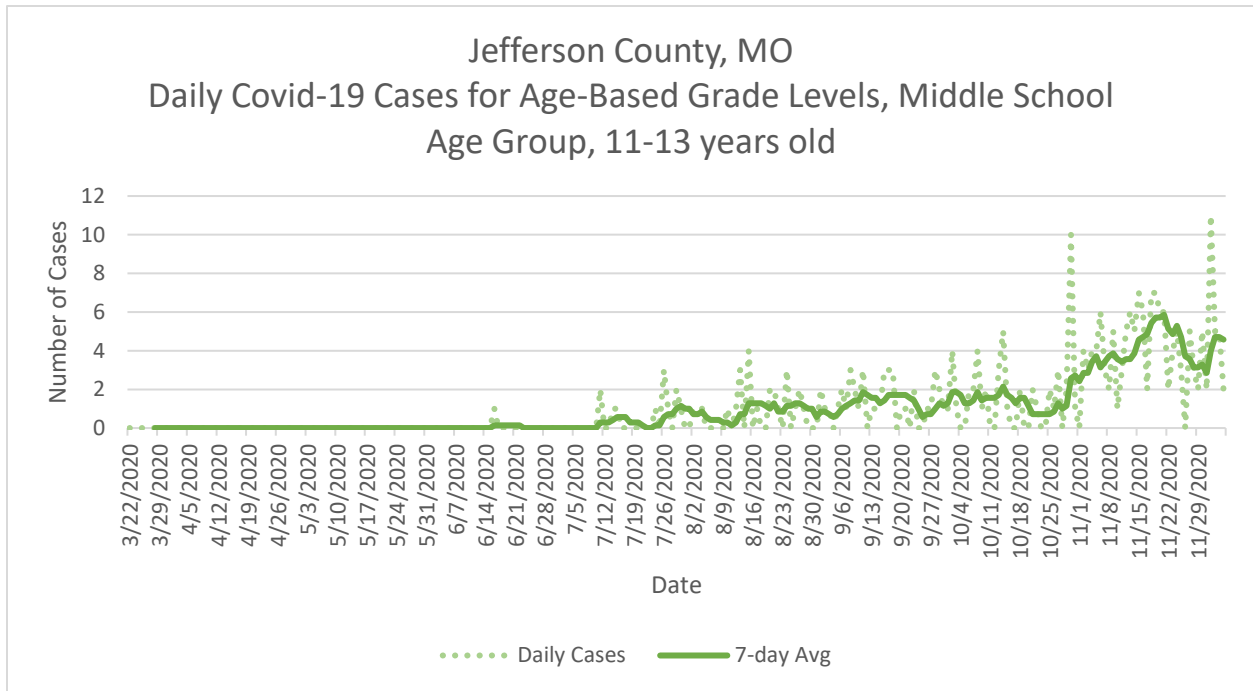


Figure 7. Daily Covid-19 Cases and 7-Day Rolling Average by Age-Based Grade Levels, High School Age Group, Jefferson County, Missouri

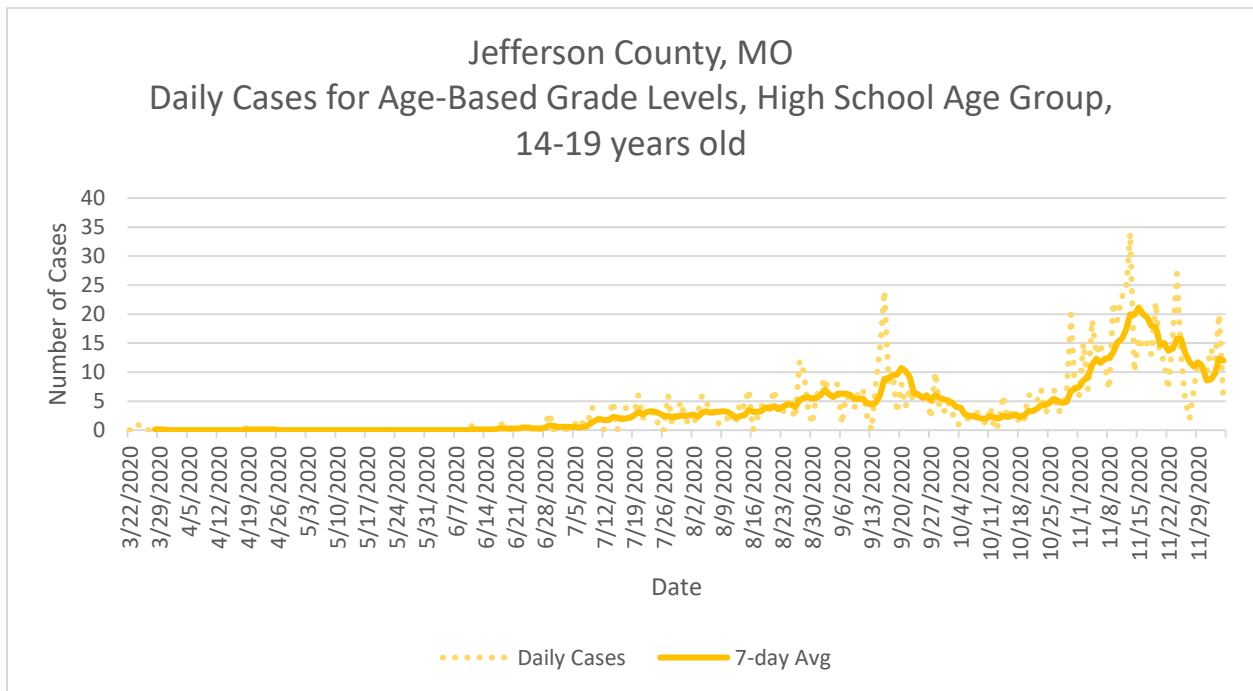
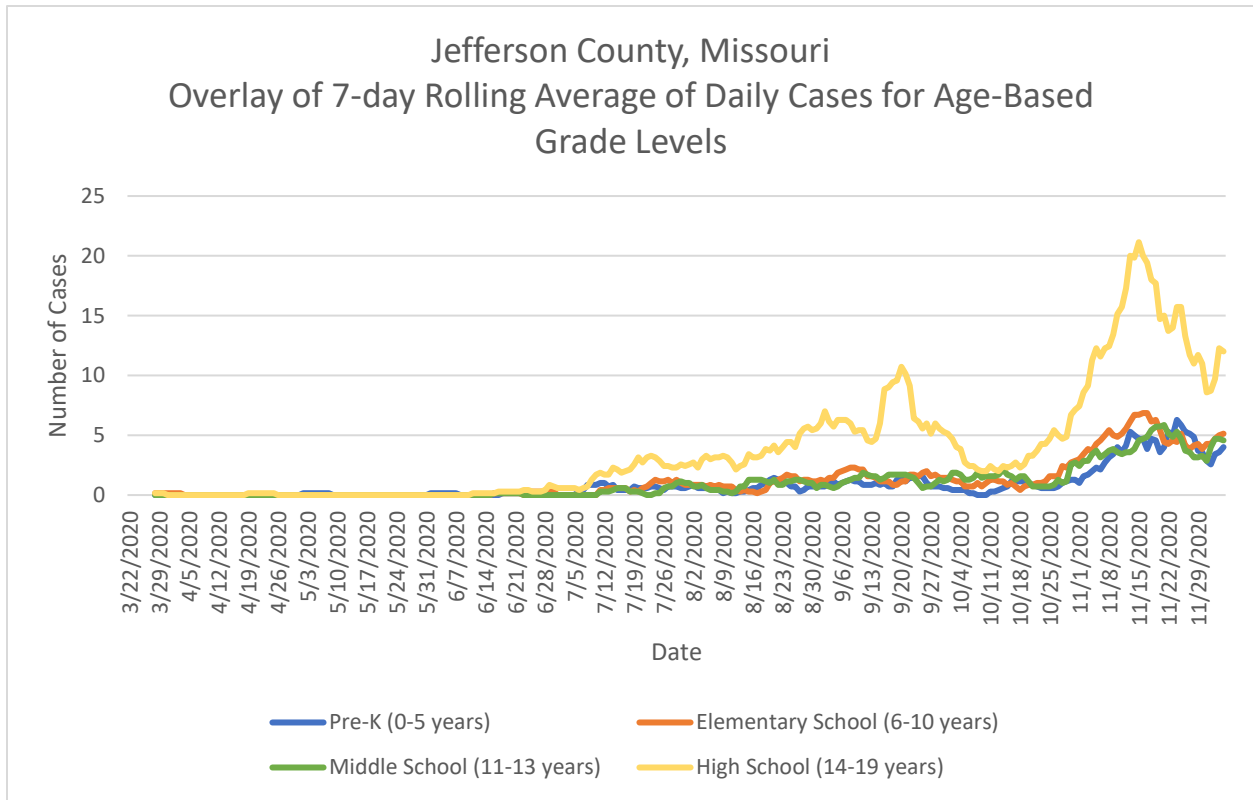


Figure 8. Overlay of 7-Day Rolling Average of Daily Covid-19 Cases for all Age-Based Grade Levels, Jefferson County, Missouri





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 49: November 29- December 5

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

SUMMARY:

- During Week 49 a total of 1315 confirmed and probable Covid-19 cases were reported in Jefferson County. A year-to-date total of 13283 confirmed and probable Covid-19 cases have been reported in Jefferson County as of Week 49.
- One hundred eight Covid-19 associated deaths have been reported in Jefferson County as of Week 49.
- Twenty-three 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
12	3/15/2020	0	0
13	3/22/2020	22	22
14	3/29/2020	52	74
15	4/5/2020	49	123
16	4/12/2020	57	180
17	4/19/2020	72	252
18	4/26/2020	28	280
19	5/3/2020	24	304
20	5/10/2020	23	327
21	5/17/2020	14	341
22	5/24/2020	16	357
23	5/31/2020	55	412
24	6/7/2020	15	427
25	6/14/2020	32	459
26	6/21/2020	62	521
27	6/28/2020	41	562
28	7/5/2020	165	727
29	7/12/2020	173	900
30	7/19/2020	250	1150
31	7/26/2020	298	1448
32	8/2/2020	324	1772
33	8/9/2020	331	2103
34	8/16/2020	318	2421
35	8/23/2020	410	2831
36	8/30/2020	432	3263
37	9/6/2020	385	3648
38	9/13/2020	492	4140
39	9/20/2020	437	4577
40	9/27/2020	353	4930
41	10/4/2020	307	5237
42	10/11/2020	341	5578
43	10/18/2020	364	5942
44	10/25/2020	665	6607
45	11/1/2020	1022	7629
46	11/8/2020	1573	9202
47	11/15/2020	1396	10598
48	11/22/2020	1370	11968
49	11/29/2020	1315	13283

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

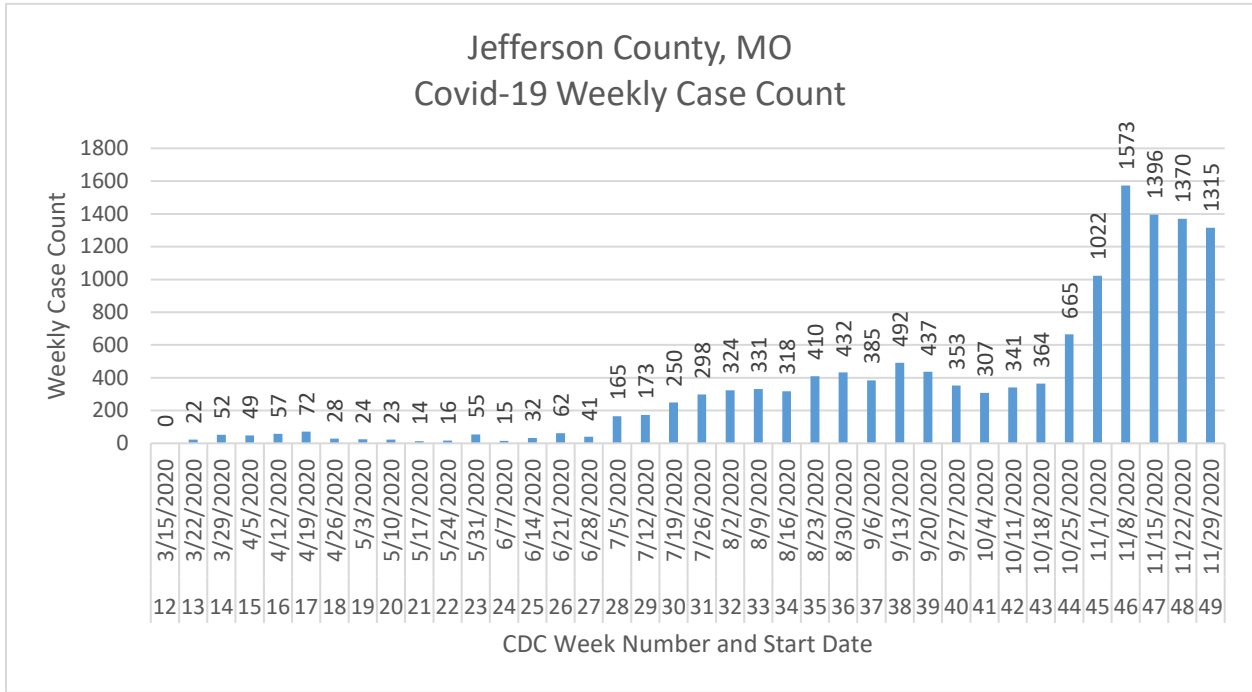


Figure 2. Cumulative Confirmed and Probable Covid-19 Cases by Week, Jefferson County, Missouri

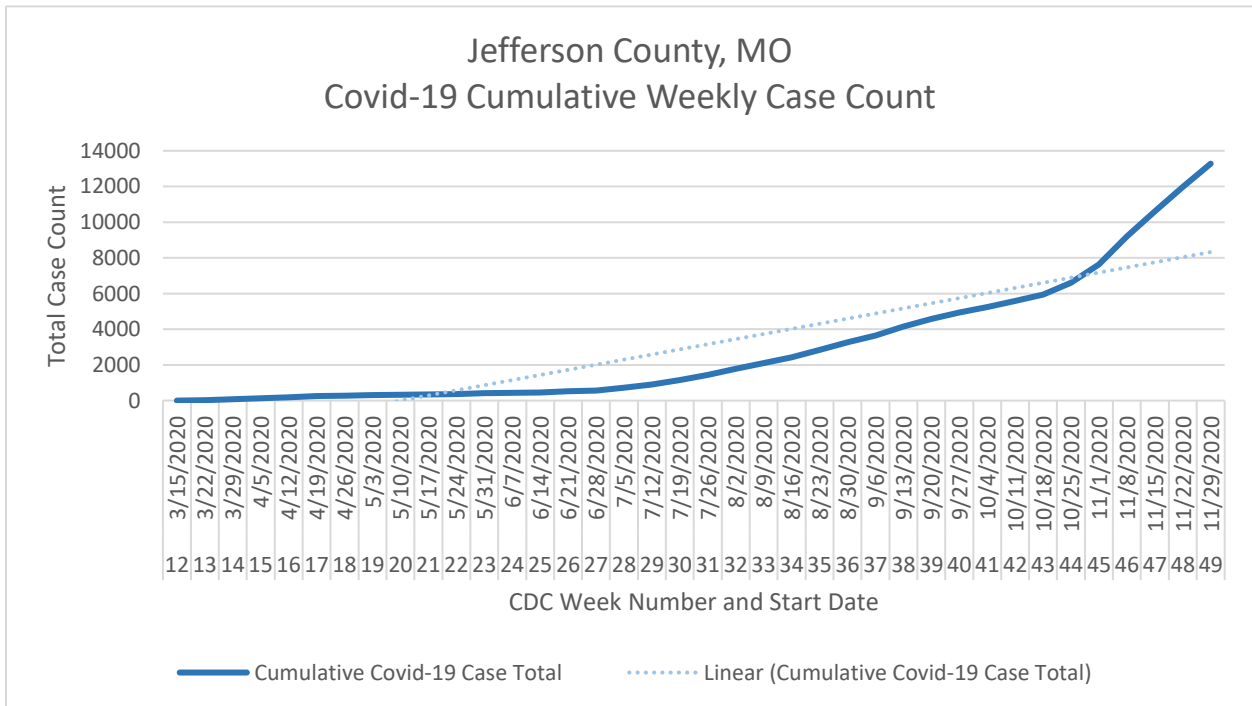


Figure 3. Covid-19 Daily Case Count and 7-Day Average, Jefferson County, Missouri

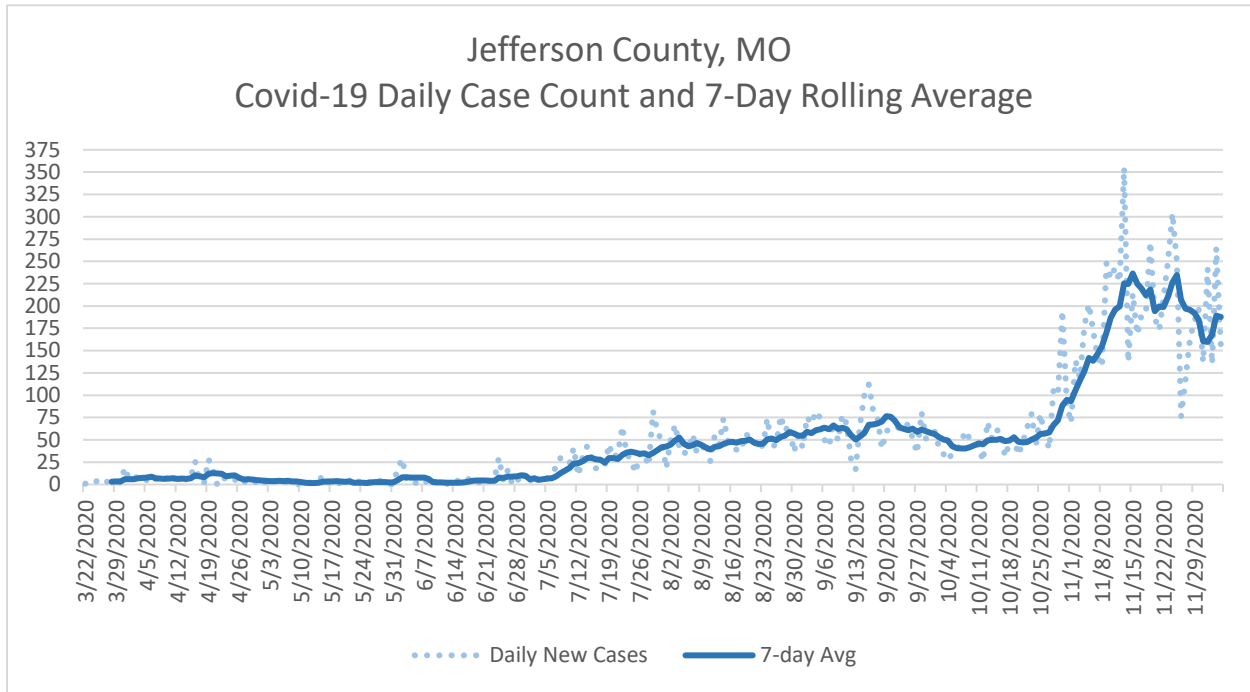


Figure 4. Confirmed and Probable Covid-19 Cases and Age-Adjusted Case Rates, Jefferson County, Missouri

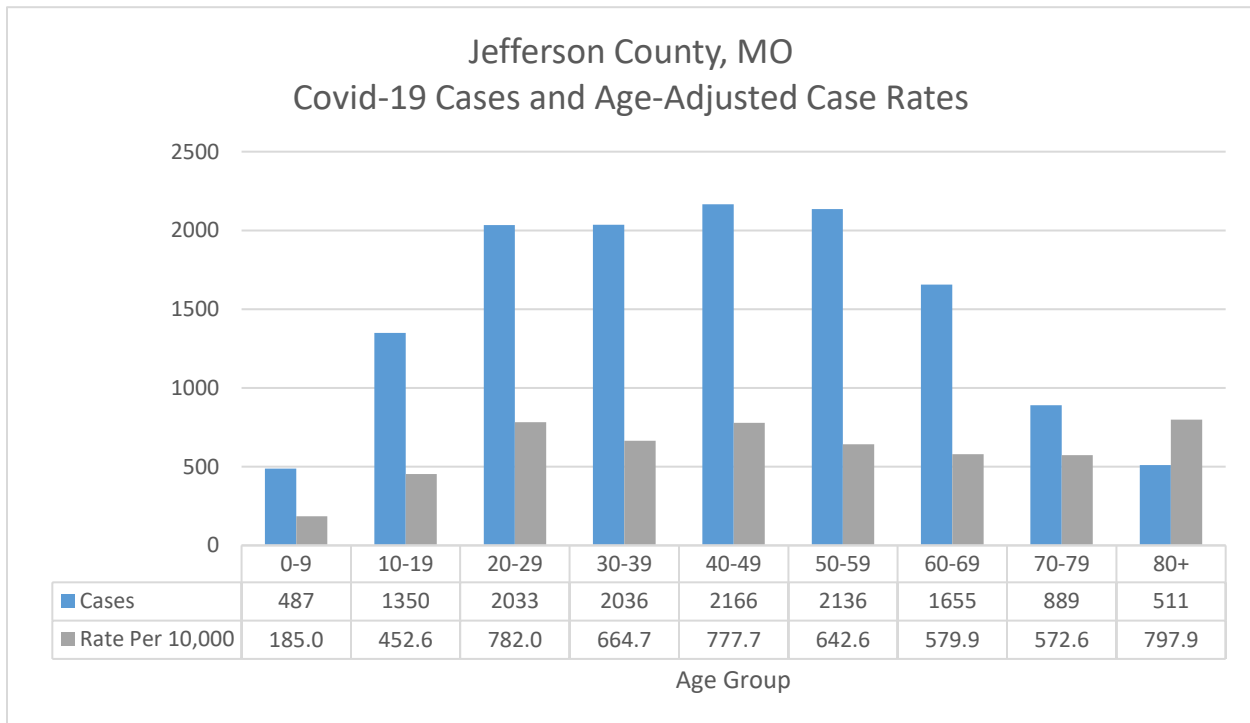


Figure 5. Covid-19 Fatalities and Fatality Rates by Age Group, Jefferson County, Missouri

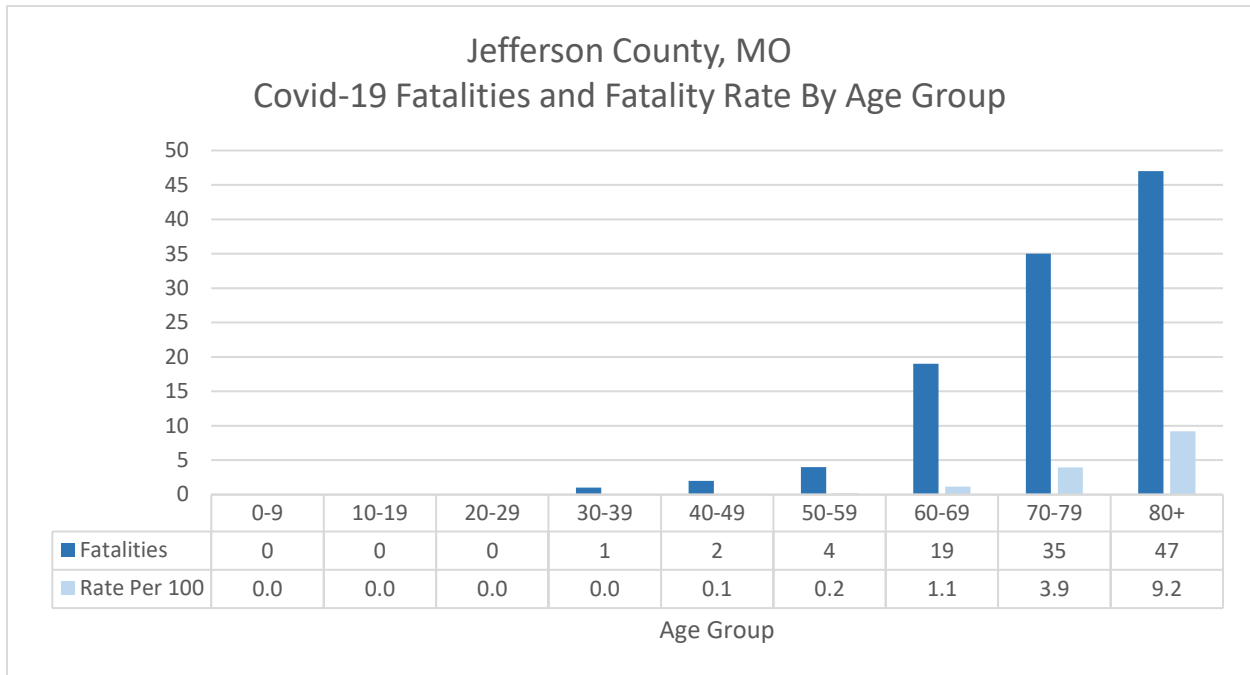


Table 2. Approximate Covid-19 Cumulative Fatality Rates

Jefferson County	0.81%
Missouri	1.29%
US	1.94%

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

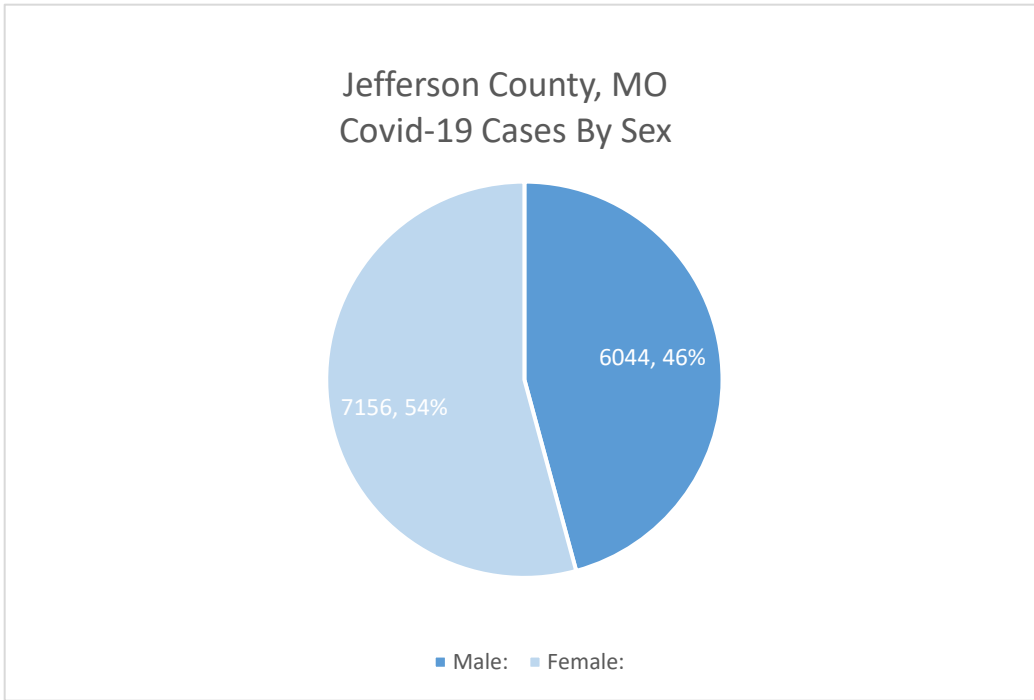


Figure 7. Covid-19 PCR Test Results by Week, Jefferson County, Missouri

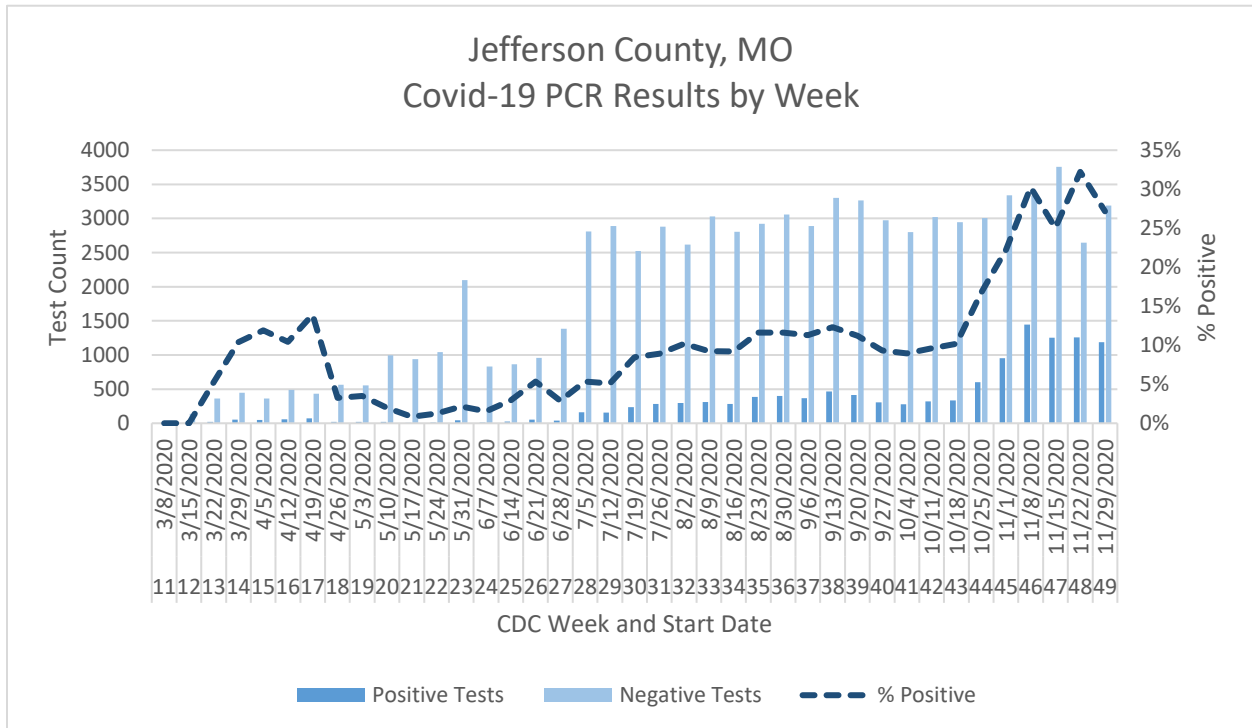


Table 3. Covid-19 PCR Test Results and Percent Positive
by Week, Jefferson County, Missouri

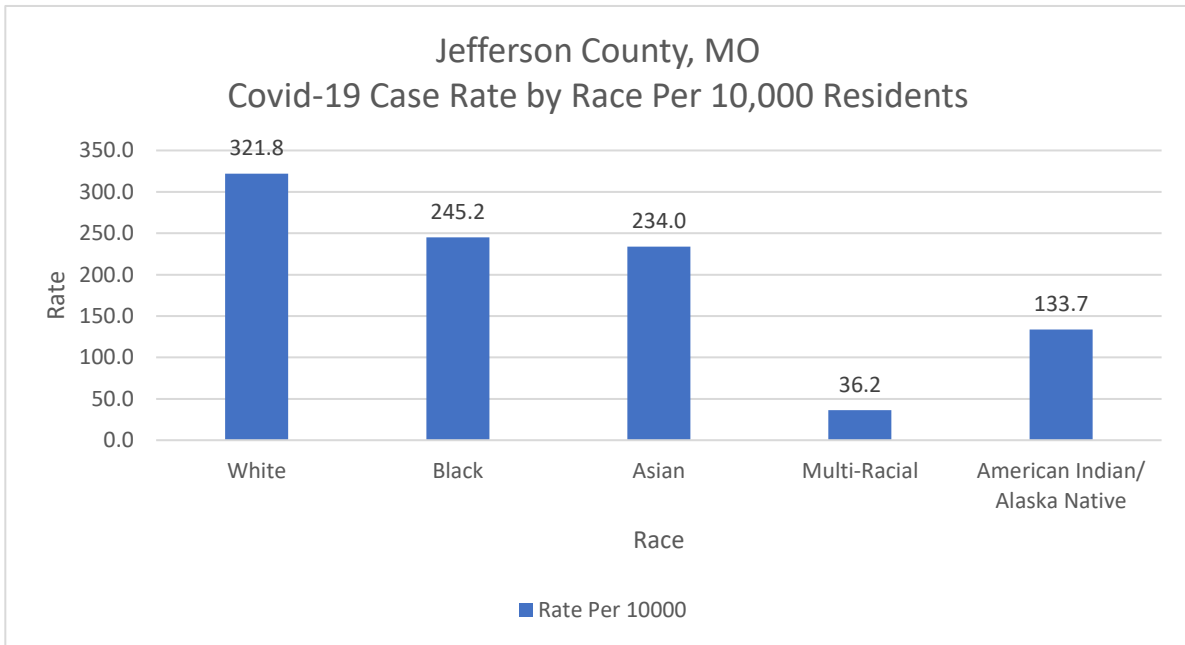
CDC Week	CDC Week Start Date	Positive Tests	Negative Tests	Total Tests	% Positive
11	3/8/2020	0	7	7	0.0%
12	3/15/2020	0	137	137	0.0%
13	3/22/2020	20	361	381	5.2%
14	3/29/2020	52	449	501	10.4%
15	4/5/2020	49	363	412	11.9%
16	4/12/2020	57	490	547	10.4%
17	4/19/2020	70	433	503	13.9%
18	4/26/2020	19	566	585	3.2%
19	5/3/2020	20	553	573	3.5%
20	5/10/2020	20	997	1017	2.0%
21	5/17/2020	8	938	946	0.8%
22	5/24/2020	13	1040	1053	1.2%
23	5/31/2020	46	2099	2145	2.1%
24	6/7/2020	13	829	842	1.5%
25	6/14/2020	26	862	888	2.9%
26	6/21/2020	54	959	1013	5.3%
27	6/28/2020	41	1385	1426	2.9%
28	7/5/2020	159	2811	2970	5.4%
29	7/12/2020	156	2891	3047	5.1%
30	7/19/2020	234	2525	2759	8.5%
31	7/26/2020	281	2878	3159	8.9%
32	8/2/2020	296	2615	2911	10.2%
33	8/9/2020	309	3030	3339	9.3%
34	8/16/2020	284	2807	3091	9.2%
35	8/23/2020	385	2923	3308	11.6%
36	8/30/2020	402	3057	3459	11.6%
37	9/6/2020	368	2889	3257	11.3%
38	9/13/2020	464	3302	3766	12.3%
39	9/20/2020	413	3266	3679	11.2%
40	9/27/2020	305	2972	3277	9.3%
41	10/4/2020	276	2800	3076	9.0%
42	10/11/2020	321	3022	3343	9.6%
43	10/18/2020	334	2946	3280	10.2%
44	10/25/2020	602	3005	3607	16.7%
45	11/1/2020	955	3340	4295	22.2%
46	11/8/2020	1446	3334	4780	30.3%
47	11/15/2020	1254	3754	5008	25.0%
48	11/22/2020	1257	2644	3901	32.2%
49	11/29/2020	1188	3188	4376	27.1%

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

Race	Cases	Rate Per 10000
White	6938	321.8
Black	66	245.2
Asian	42	234.0
Multi-Racial	13	36.2
American Indian/ Alaska Native	9	133.7
Unknown	1368	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

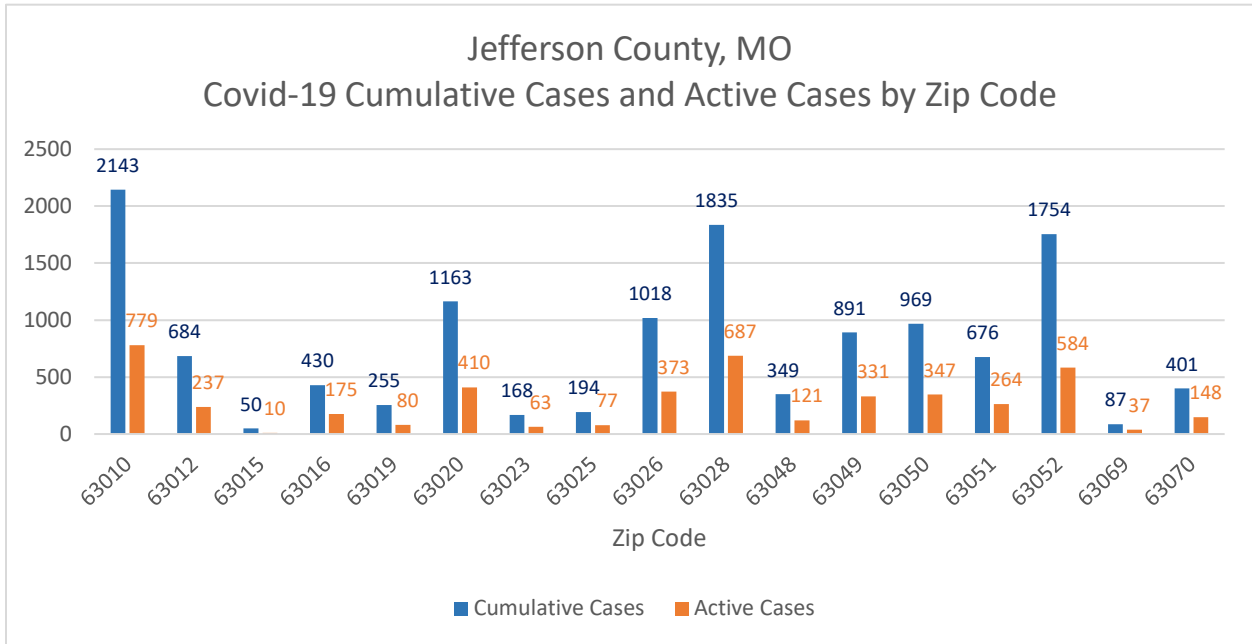


Figure 10. Covid-19 Cases by Zip Code Per 10,000 Residents, Jefferson County, Missouri

