

March 12 – October 1, 2020 COVID-19 Report

Cumulative Confirmed Cases by Independence Zip Code						
Independence Zip Code	Total Reported Cases as of September 17	Rate per 100,000 as of September 17	Number of New Cases in Last Two Weeks	Percent Increase in the Number of Cases	Total Reported Cases to Date	Rate per 100,000 residents to date
64050	368	1650.08	56	11.85%	424	1901.17
64052	368	1831.03	39	13.23%	407	2025.08
64053	120	2220.58	11	21.21%	131	2424.13
64054	55	1529.05	11	12.24%	66	1834.86
64055	582	1714.08	95	8.99%	677	1993.87
64056	245	1429.91	42	11.36%	287	1675.03
64057	320	2178.95	42	35.02%	362	2464.93
64058*	110	1585.24	38	27.91%	148	2132.87
64015**	484	1541.84	78	14.96%	562	1790.32
64016†	34	731.97	9	9.68%	43	925.73
Total	2686	1455.51	421	15.23%	3107	1940.06

To date, the City of Independence has seen twenty-five confirmed cases among staff: seven in the Fire Department, eight in the Police Department, three in the Utilities Department, two in Municipal Services, one in Animal Services, and four in the Parks/Recreation/Tourism Department.

Cumulative Percent Positive by Independence Zip Code						
Independence Zip Code	Total Tests Performed as of September 17	Cumulative Percent Positive as of September 17	Number of Tests Performed in Last Two Weeks	Total Tests Performed to Date	Cumulative Percent Positive to Date	Percent Positive for the Last Two Weeks
64050	4311	8.54%	383	4694	9.03%	14.62%
64052	3590	10.25%	289	3879	10.49%	13.49%
64053	883	13.59%	80	963	13.60%	13.75%
64054	557	9.87%	50	607	10.87%	22.00%
64055	6234	9.34%	564	6798	9.96%	16.84%
64056	2564	9.56%	231	2795	10.27%	18.18%
64057	3046	10.51%	244	3290	11.00%	17.21%
64058*	1167	9.43%	98	1265	11.70%	38.78%
64015**	5049	9.59%	605	5654	9.94%	12.89%
64016†	515	6.60%	65	580	7.41%	13.85%
Total	27,916	9.62%	2609	30,525	10.18%	16.14%

*includes some addresses that are in unincorporated Independence

**includes some addresses that are within Blue Springs

†includes some addresses that are within Buckner

Please note: Positive rates should be at or below 5 percent for at least 14 days before a state or country can safely reopen, according to the World Health Organization. The Harvard Global Health group estimates that communities need to test widely enough so that the number of people testing positive for the virus is 3% or lower in order adequately suppress the pandemic. In the US, the current positive rate is 4.5% with the cumulative positive rate at 8.2%.

The Harvard Global Health group estimates that communities in Missouri should aim for 212 tests/100,000 citizens each day to mitigate outbreaks and 767 tests/100,000 citizens each day to suppress the virus. Testing in Independence and

Eastern Jackson County are far below these numbers. In the last seven days of available data (the week of September 21 -27), Eastern Jackson County averaged 496 tests per day or approximately 119 tests/100,000 citizens each day.

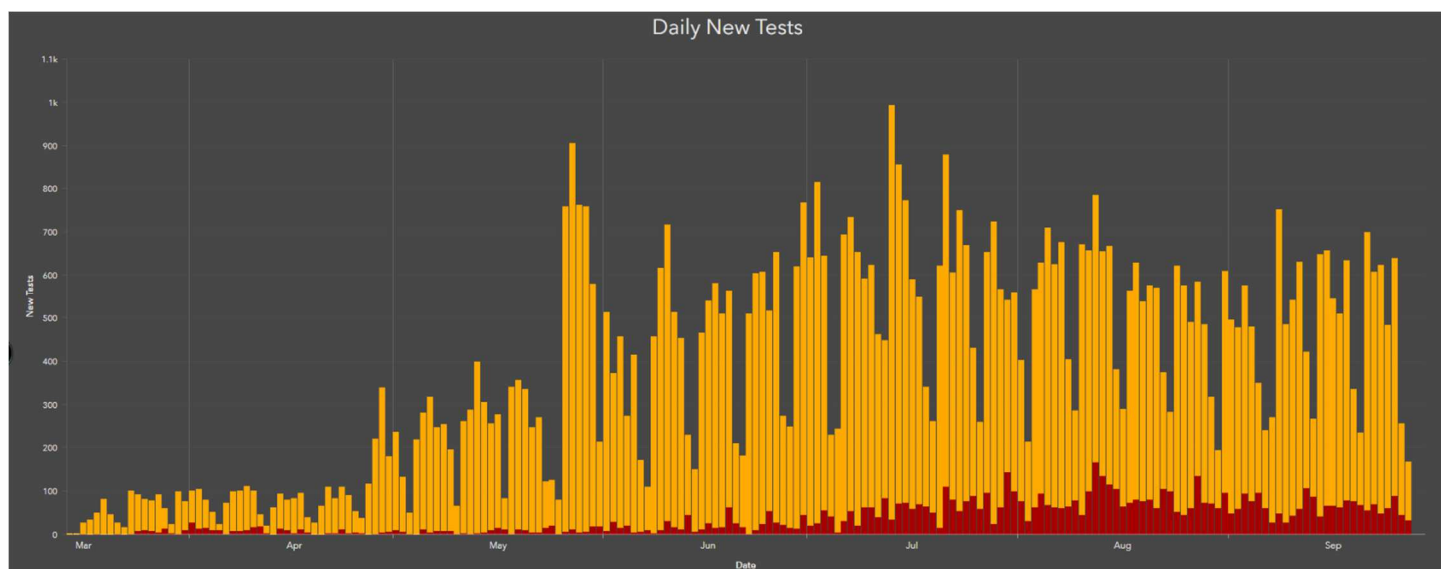
City of Independence Gating Criteria for Re-opening

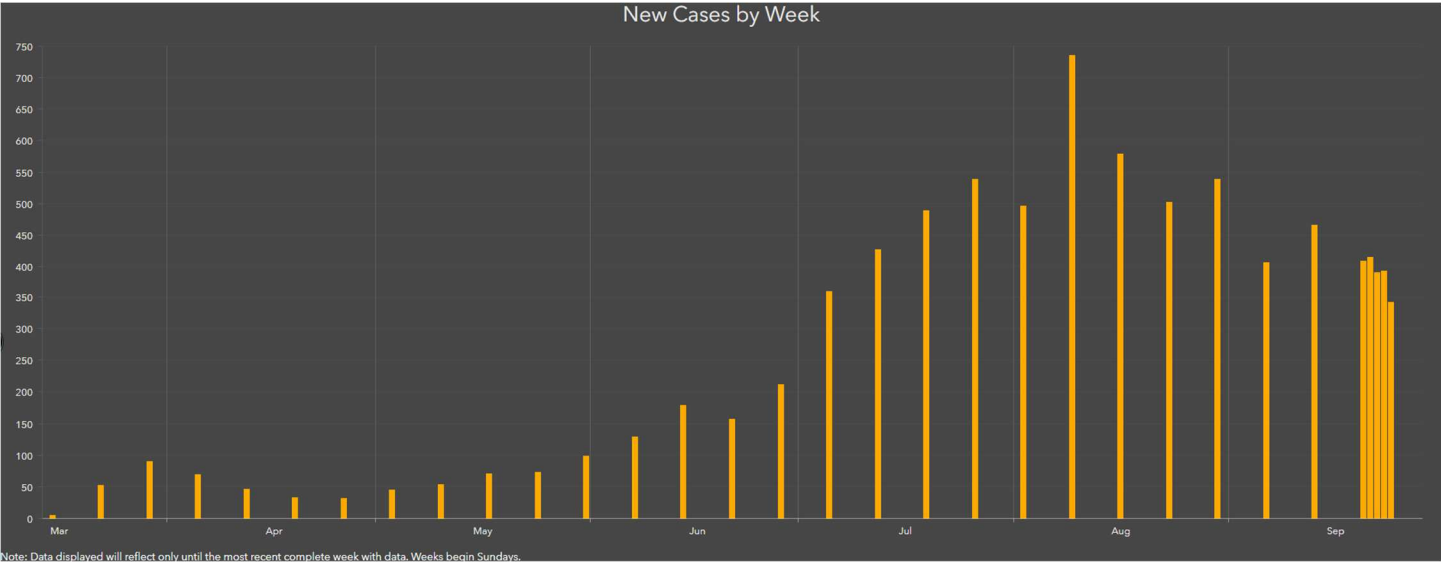
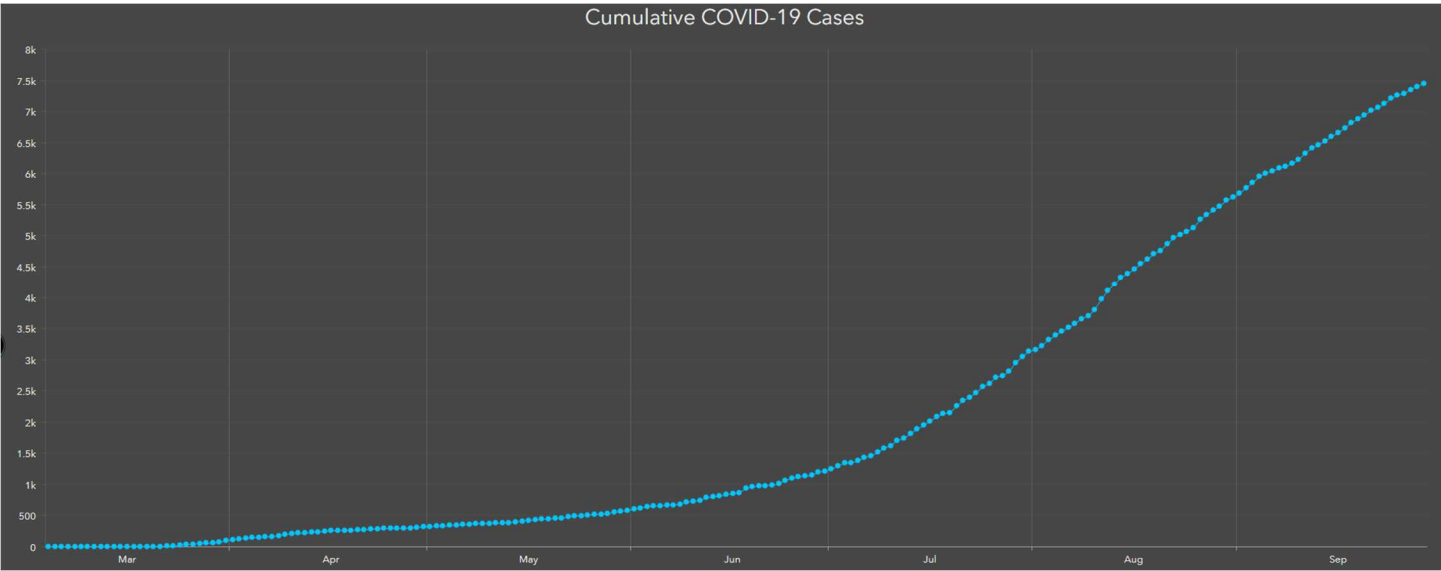
1. Sustained decrease in the number of confirmed cases and positive rate for at least four weeks.
2. Adequate PPE supply for hospitals, long-term care facilities, and first responders.
3. Sustained decrease in hospitalizations.
4. Adequate access to testing and contact tracing.

Eastern Jackson County Stats			
	As of September 17	As of October 1	Percent Change
Cumulative Persons Tested	68,277	74,696	9.80% (increase)
Overall Percent Positive	9.48%	9.99%	5.38% (increase)
14-Day Average Percent Positive	13.52%	12.43%	8.06% (decrease)
Cumulative Confirmed Cases	6,473	7,460	15.25% (increase)
Presumed Recovered	1,870	Unavailable	---
Cases Per 100,000	1699	1959	15.30% (increase)
Total Hospitalized	283 (as of August 13)	Unavailable	---
Deaths	89	102	14.61% (increase)

MARC Eastern Jackson County Hospital Stats			
	As of September 21	As of October 1	Percent Change
Total Beds Available	419	435	3.82% (increase)
Beds Used by Non-COVID Patients	672	684	1.79% (increase)
Beds Used by COVID Patients	35	41	17.14% (decrease)

Graphical Eastern Jackson County Data





Institute of Health Metrics and Evaluation
Hospital Resource Use Projections for Missouri

