

March 12 – October 15, 2020 COVID-19 Report

Cumulative Confirmed Cases by Independence Zip Code						
Independence Zip Code	Total Reported Cases as of October 1	Rate per 100,000 as of October 1	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	424	1901.17	42	9.91%	466	2089.50
64052	407	2025.08	87	21.38%	494	2457.96
64053	131	2424.13	26	19.85%	157	2905.26
64054	66	1834.86	14	21.21%	80	2224.08
64055	677	1993.87	93	13.74%	770	2267.77
64056	287	1675.03	56	19.51%	343	2001.87
64057	362	2464.93	57	15.75%	419	2853.06
64058*	148	2132.87	28	18.92%	176	2536.39
64015**	562	1790.32	127	22.60%	689	2194.90
64016†	43	925.73	7	16.28%	50	1076.43
Total	3107	1940.06	537	17.28%	3644	2275.37

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

Cumulative Percent Positive by Independence Zip Code						
Independence Zip Code	Total Tests Performed as of October 1	Cumulative Percent Positive as of October 1	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	4694	9.03%	445	5139	9.07%	9.44%
64052	3879	10.49%	458	4337	11.39%	19.00%
64053	963	13.60%	101	1064	14.76%	25.74%
64054	607	10.87%	58	665	12.03%	24.14%
64055	6798	9.96%	761	7559	10.19%	12.22%
64056	2795	10.27%	371	3166	10.83%	15.09%
64057	3290	11.00%	419	3709	11.30%	13.60%
64058*	1265	11.70%	195	1460	12.05%	14.36%
64015**	5654	9.94%	792	6446	10.69%	16.04%
64016†	580	7.41%	71	651	7.68%	9.86%
Total	30,525	10.18%	3671	34,196	10.66%	14.63%

*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 4.9% with the cumulative positive rate at 14.1%.

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 October 5 - 11), Eastern Jackson County averaged 527 tests per day or approximately 127 tests/100,000 citizens each day.

City of Independence Gating Criteria for Re-opening

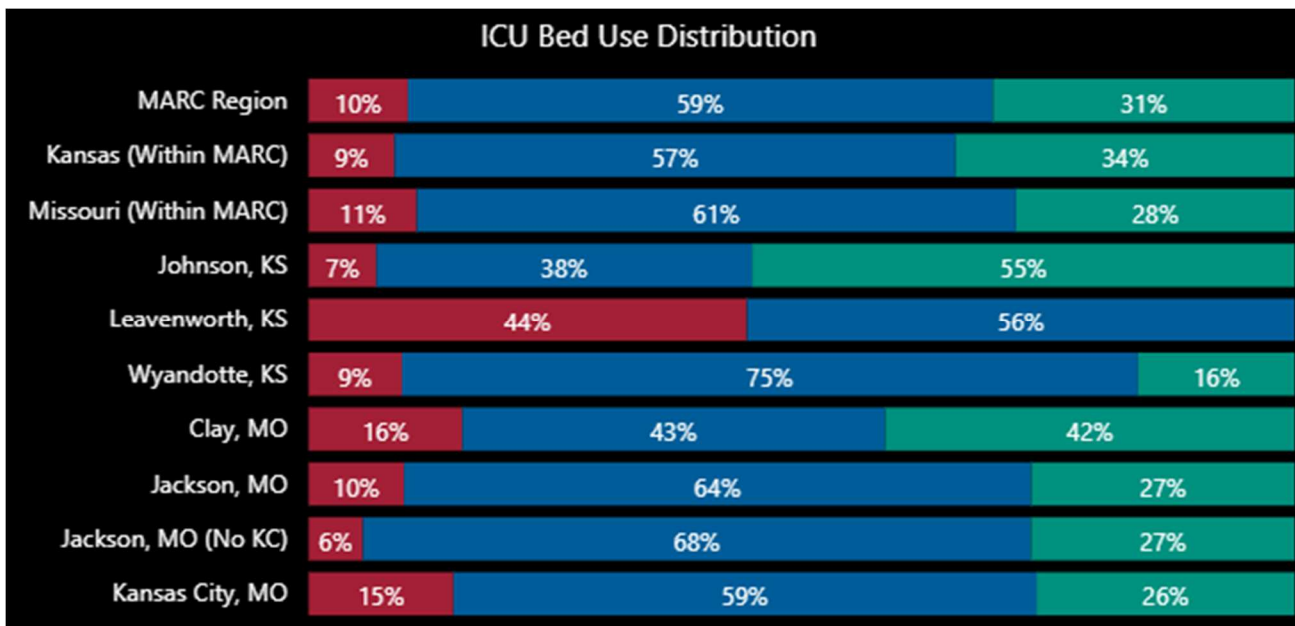
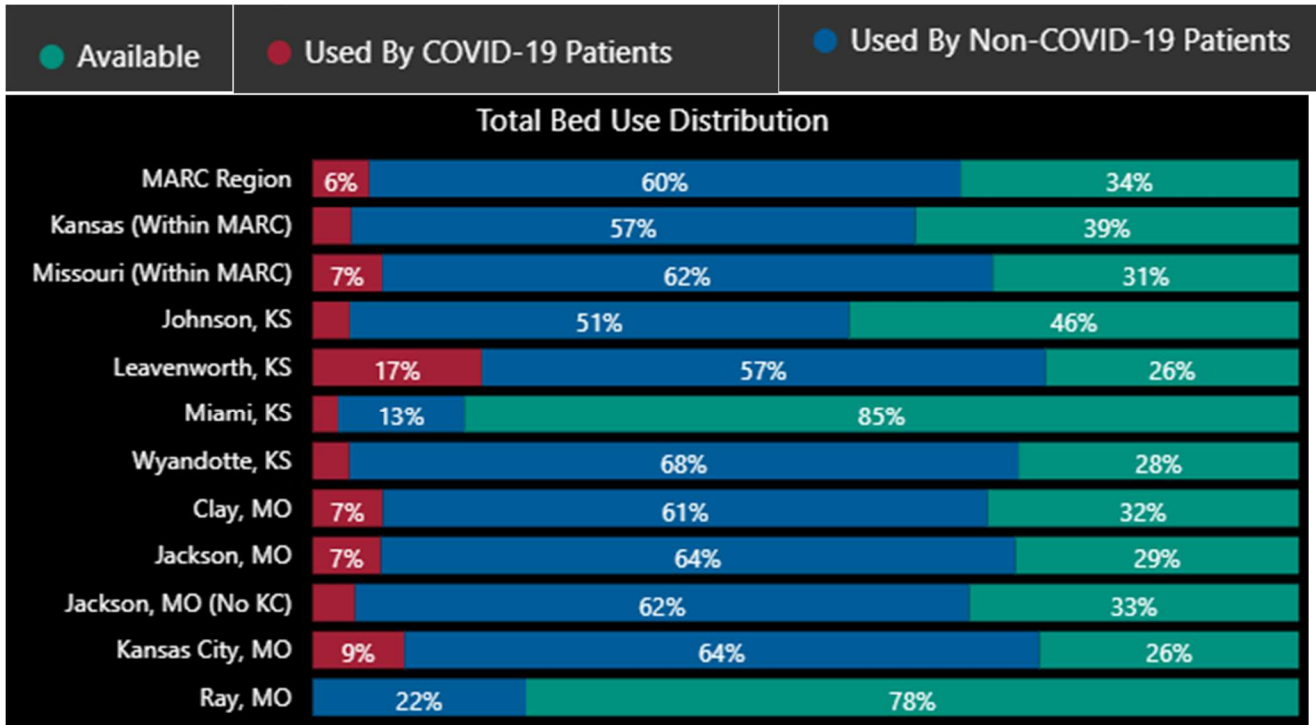
1. Sustained decrease in the number of confirmed cases and positive rate for at least four weeks.
2. Adequate PPE supply for hospitals, long-term care facilities, and first responders.
3. Sustained decrease in hospitalizations.
4. Adequate access to testing and contact tracing.

Eastern Jackson County Stats			
	As of October 1	As of October 15	Percent Change
Cumulative Persons Tested	74,696	84,001	12.46% (increase)
Overall Percent Positive	9.99%	10.91%	9.21% (increase)
14-Day Average Percent Positive	12.43%	12.12%	2.49% (decrease)
Cumulative Confirmed Cases	7,460	9,161	22.80% (increase)
Presumed Recovered	1,870 (as of September 17)	Unavailable	---
Cases Per 100,000	1959	2405	22.77% (increase)
Total Hospitalized	283 (as of August 13)	Unavailable	---
Deaths	102	117	14.71% (increase)

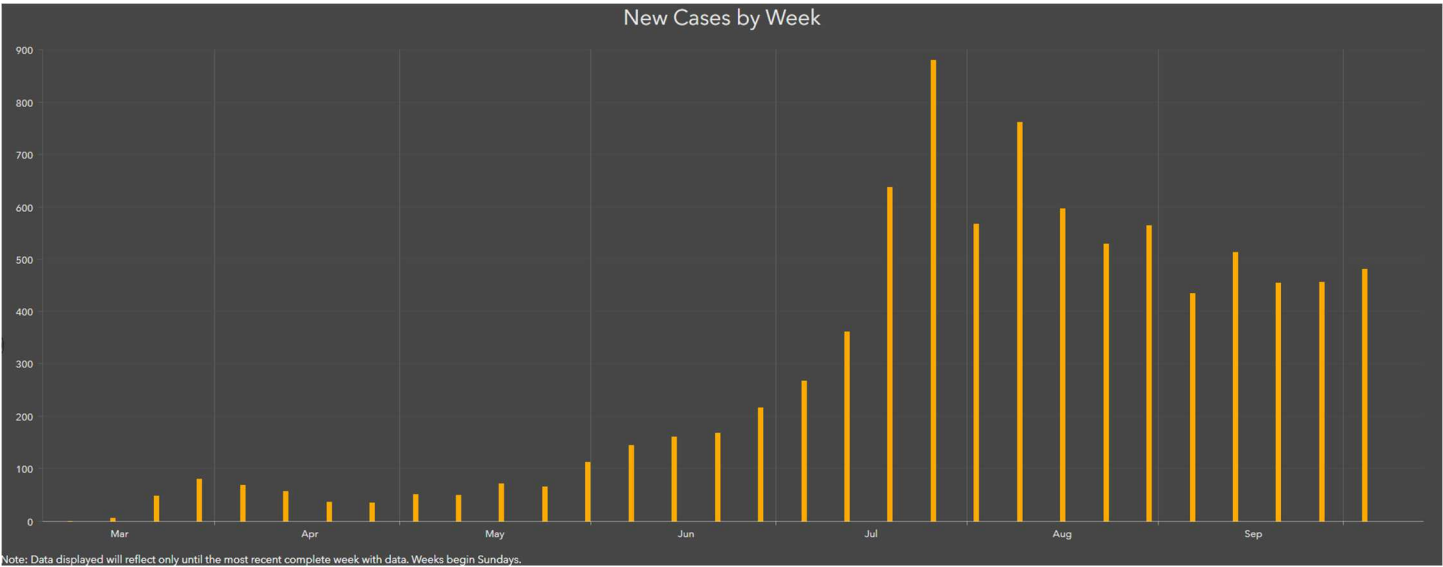
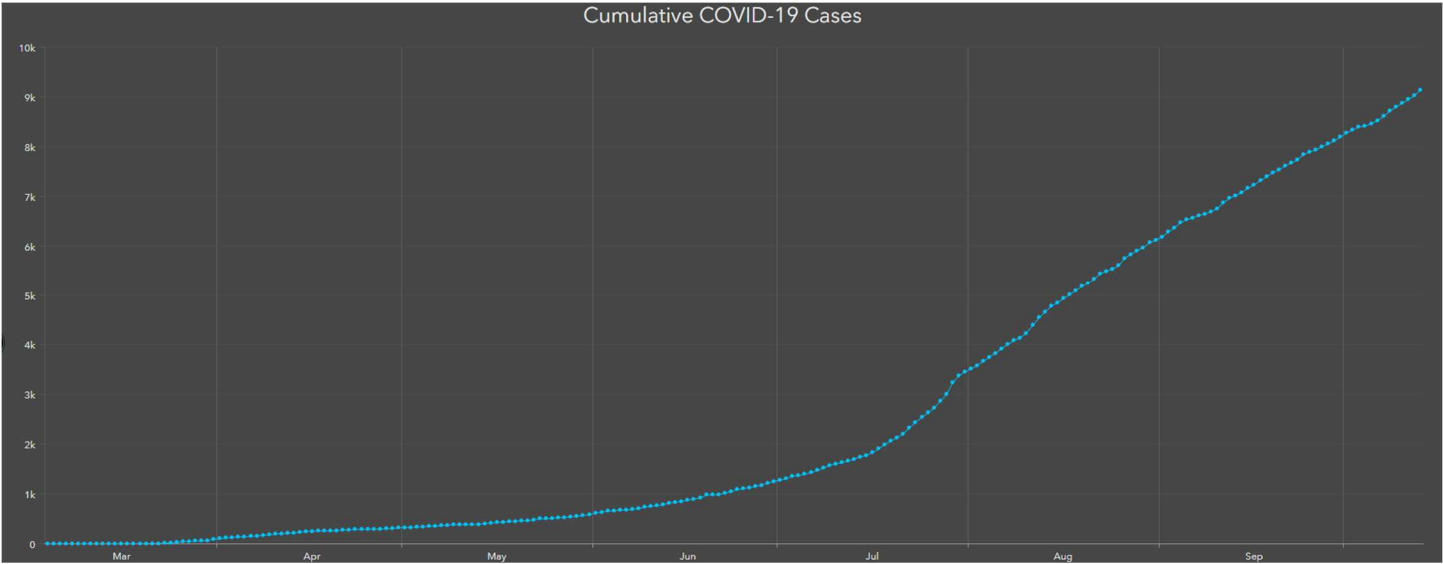
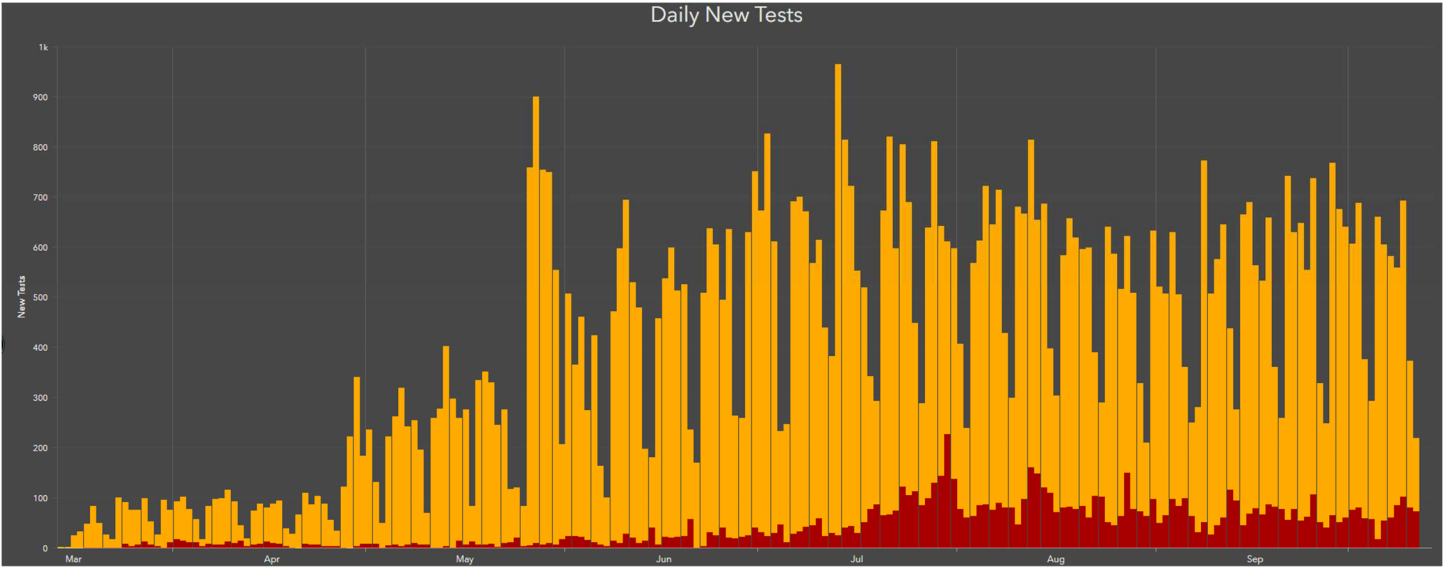
MARC Eastern Jackson County Hospital Stats			
	As of October 1	As of October 15	Percent Change
Total Beds Available	435	388	10.80% (decrease)
Beds Used by Non-COVID Patients	684	722	5.56% (increase)
Beds Used by COVID Patients	41	50	21.95% (increase)

MARC Region Graphical Data

Jurisdiction Comparison on Hospital Resource Usage



Graphical Eastern Jackson County Data



Note: Data displayed will reflect only until the most recent complete week with data. Weeks begin Sundays.

Institute of Health Metrics and Evaluation

Hospital Resource Use Projections for Missouri

