

March 12 – October 29, 2020 COVID-19 Report

Cumulative Confirmed Cases by Independence Zip Code						
Independence Zip Code	Total Reported Cases as of October 15	Rate per 100,000 as of October 15	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	466	2089.50	61	13.09%	527	2363.02
64052	494	2457.96	42	8.50%	536	2666.93
64053	157	2905.26	14	8.92%	171	3164.32
64054	80	2224.08	6	7.50%	86	2390.88
64055	770	2267.77	81	10.52%	851	2506.33
64056	343	2001.87	45	13.12%	388	2264.50
64057	419	2853.06	52	12.41%	471	3207.14
64058*	176	2536.39	19	10.80%	195	2810.20
64015**	689	2194.90	66	9.58%	755	2405.15
64016†	50	1076.43	9	18.00%	59	1270.18
Total	3644	2275.37	395	10.84%	4039	2522.01

To date, the City of Independence has seen thirty-nine confirmed cases among staff: ten in the Fire Department, eleven in the Police Department, six in the Utilities Department, six 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 15	Cumulative Percent Positive as of October 15	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	5139	9.07%	269	5408	9.74%	22.68%
64052	4337	11.39%	277	4614	11.62%	15.16%
64053	1064	14.76%	87	1151	14.86%	16.09%
64054	665	12.03%	45	710	12.11%	13.33%
64055	7559	10.19%	435	7994	10.65%	18.62%
64056	3166	10.83%	240	3406	11.39%	18.75%
64057	3709	11.30%	127	3836	12.28%	40.94%
64058*	1460	12.05%	69	1529	12.75%	27.54%
64015**	6446	10.69%	482	6928	10.90%	13.69%
64016†	651	7.68%	63	714	8.26%	14.29%
Total	34,196	10.66%	2094	36,290	11.13%	18.86%

*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 6.3% with the cumulative positive rate at 13.76%.

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 19 - 25), Eastern Jackson County averaged 422 tests per day or approximately 102 tests/100,000 citizens each day.

City of Independence Gating Criteria for Re-opening

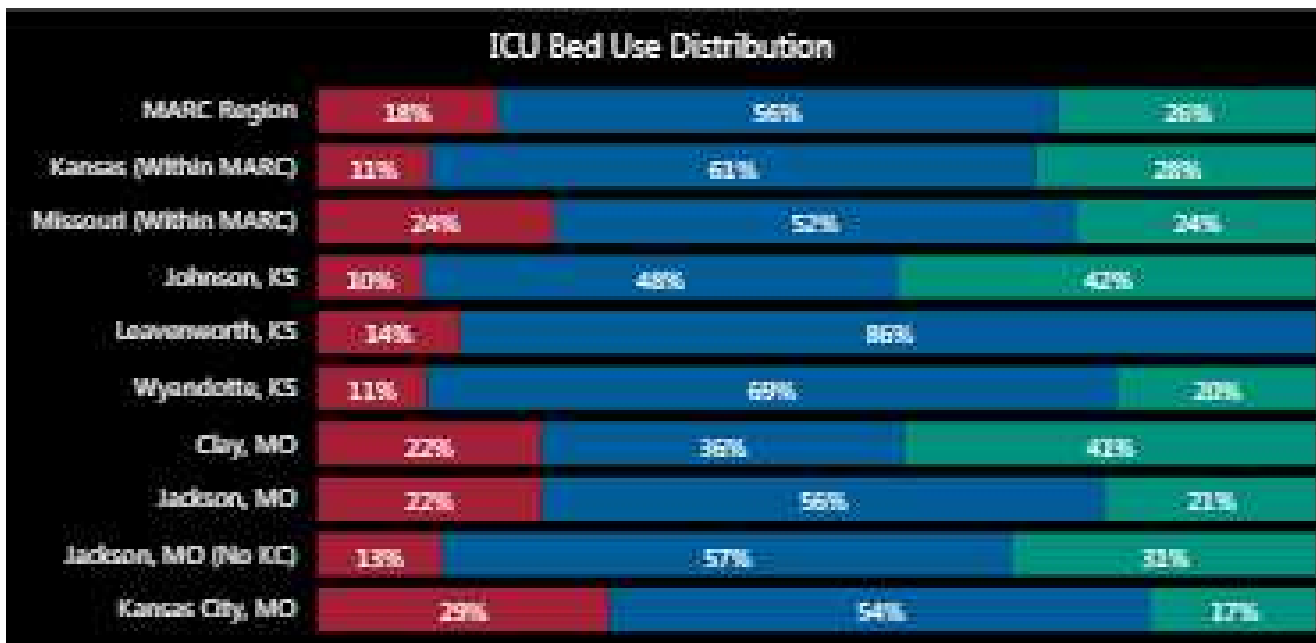
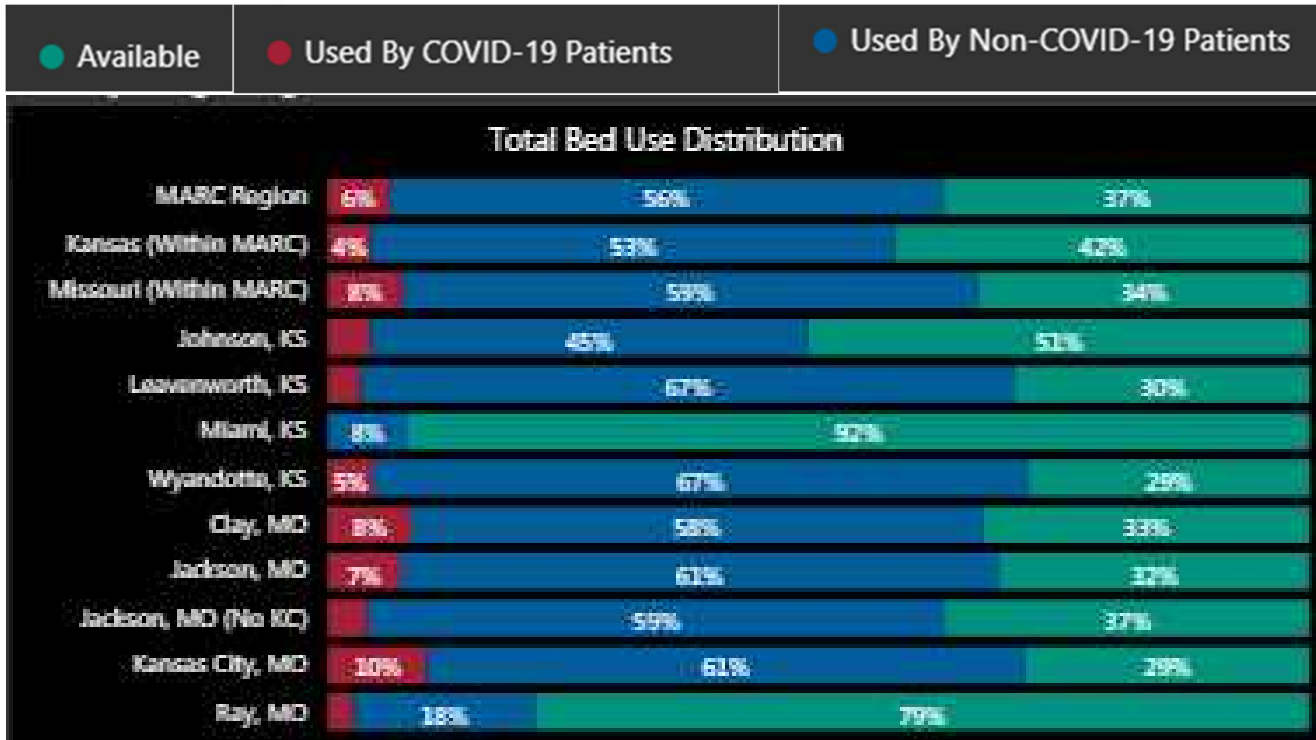
1. Sustained decrease in the number of confirmed cases and positive rate for at least four weeks.
2. Adequate PPE supply for hospitals, long-term care facilities, and first responders.
3. Sustained decrease in hospitalizations.
4. Adequate access to testing and contact tracing.

Eastern Jackson County Stats			
	As of October 15	As of October 29	Percent Change
Cumulative Persons Tested	84,001	89,431	6.46% (increase)
Overall Percent Positive	10.91%	11.39%	4.40% (increase)
14-Day Average Percent Positive	12.12%	16.33%	34.74% (increase)
Cumulative Confirmed Cases	9,161	10,185	11.18% (increase)
Cases Per 100,000	2405	2674	11.19% (increase)
Deaths	117	122	4.27% (increase)

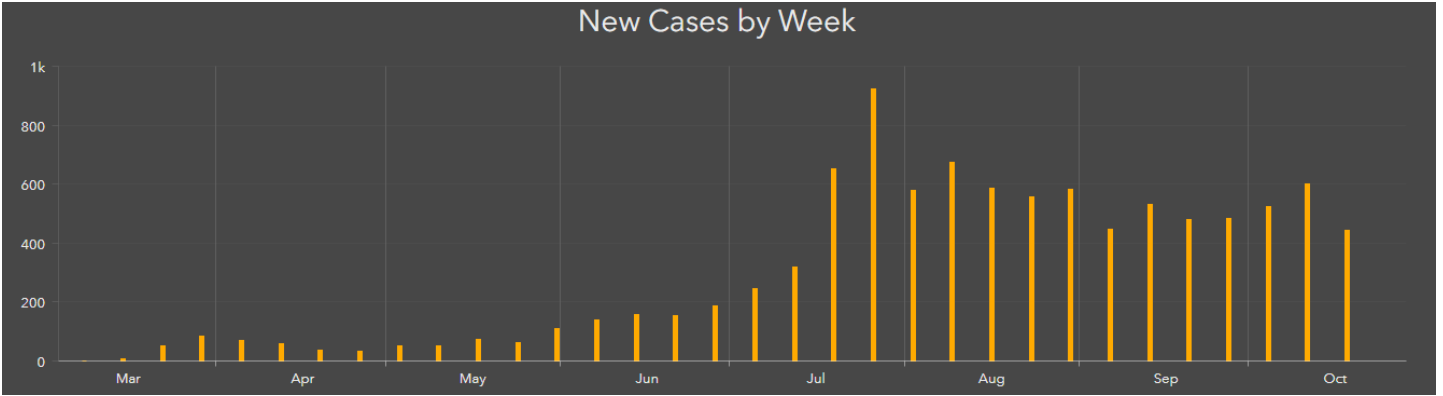
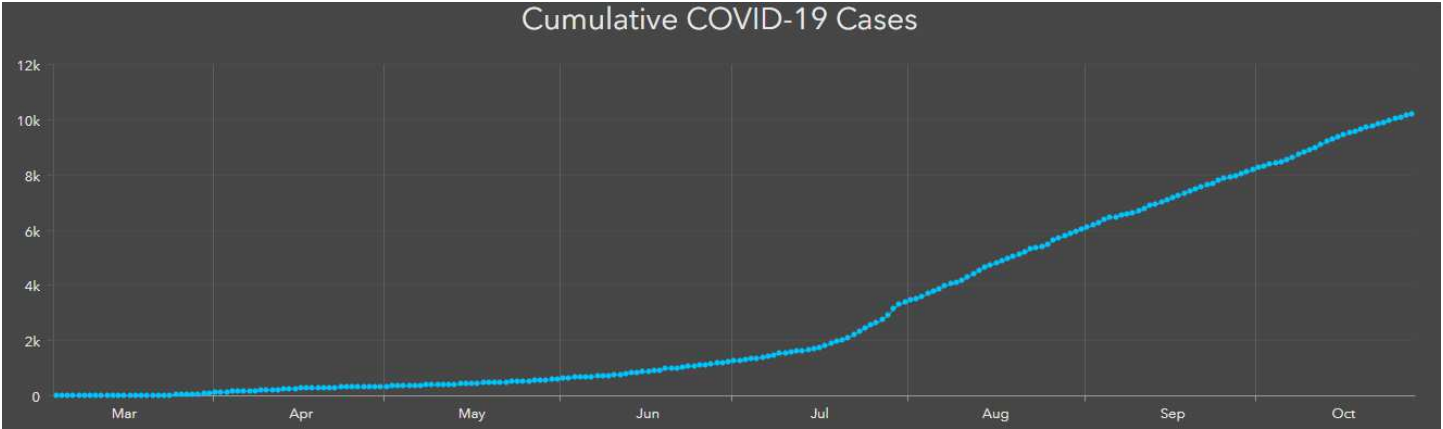
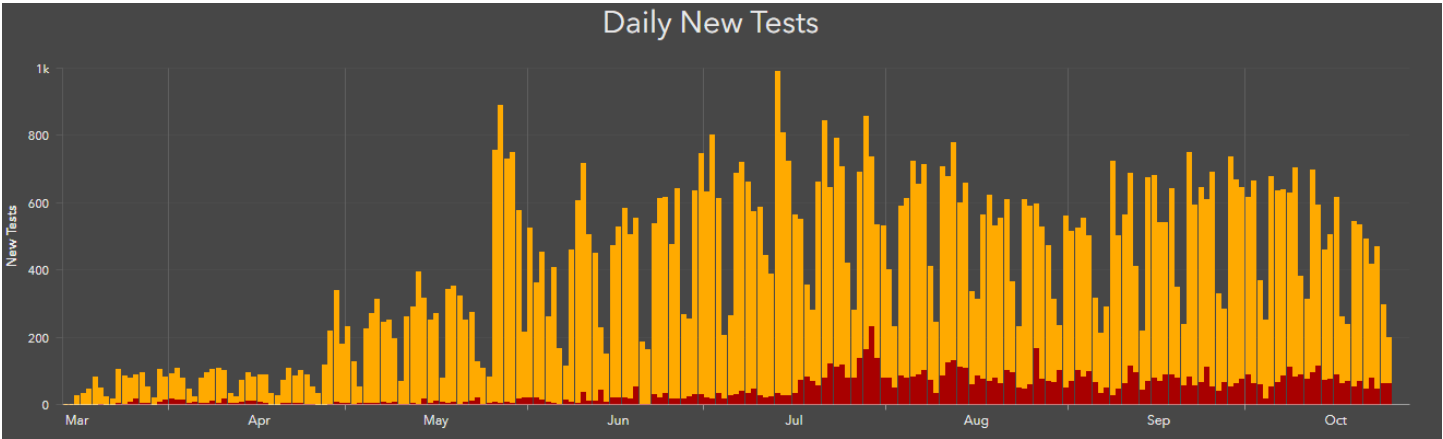
MARC Eastern Jackson County Hospital Stats			
	As of October 15	As of October 29	Percent Change
Total Beds Available	388	431	11.08% (increase)
Beds Used by Non-COVID Patients	722	682	5.54% (decrease)
Beds Used by COVID Patients	50	47	6.00% (decrease)

MARC Region Graphical Data

Jurisdiction Comparison on Hospital Resource Usage



Graphical Eastern Jackson County Data



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

