

March 12 – November 12, 2020 COVID-19 Report

<b>Cumulative Confirmed Cases by Independence Zip Code</b>						
Independence Zip Code	Total Reported Cases as of October 29	Rate per 100,000 as of October 29	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	527	2363.02	139	26.38%	666	2986.28
64052	536	2666.93	117	21.83%	653	3249.09
64053	171	3164.32	4	2.34%	175	3238.34
64054	86	2390.88	22	25.58%	108	3002.50
64055	851	2506.33	187	21.97%	1038	3057.08
64056	388	2264.50	104	26.80%	492	2871.48
64057	471	3207.14	106	22.51%	577	3928.91
64058*	195	2810.20	14	7.18%	209	3011.96
64015**	755	2405.15	215	28.48%	970	3090.06
64016†	59	1270.18	10	16.95%	69	1485.47
Total	4039	2522.01	918	22.73%	4957	3095.22

To date, the City of Independence has seen 63 confirmed cases among staff: nineteen in the Fire Department, nineteen in the Police Department, eight in the Utilities Department, seven in Municipal Services, one in Animal Services, one in Municipal Court, one in Finance & Administration, two in Community Development, and five in the Parks/Recreation/Tourism Department.

<b>Cumulative Percent Positive by Independence Zip Code</b>						
Independence Zip Code	Total Tests Performed as of October 29	Cumulative Percent Positive as of October 29	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	5408	9.74%		Unavailable		
64052	4614	11.62%		at this time		
64053	1151	14.86%		due to State		
64054	710	12.11%		change in		
64055	7994	10.65%		reporting;		
64056	3406	11.39%		City and		
64057	3836	12.28%		County have		
64058*	1529	12.75%		reached out		
64015**	6928	10.90%		to request		
64016†	714	8.26%				
Total	36,290	11.13%				

\*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 8.2% with the cumulative positive rate at 15.03%.

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 November 2 - 8), Eastern Jackson County averaged 613 tests per day or approximately 147 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.

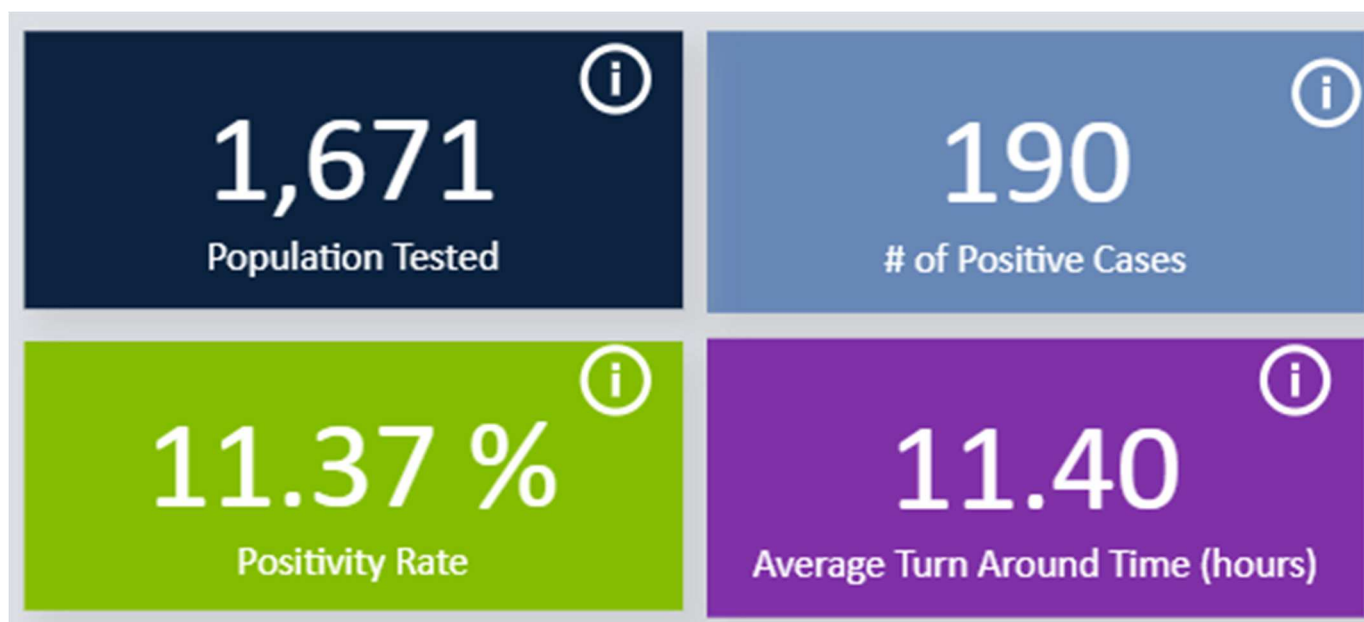
Eastern Jackson County Stats			
	As of October 29	As of November 12	Percent Change
Cumulative Persons Tested	89,431	99,353	11.09% (increase)
Overall Percent Positive	11.39%	12.71%	11.59% (increase)
14-Day Average Percent Positive	16.33%	23.94%	46.60% (increase)
Cumulative Confirmed Cases	10,185	12,631	24.02% (increase)
Cases Per 100,000	2674	3316	24.01% (increase)
Deaths	122	148	21.31% (increase)

MARC Eastern Jackson County Hospital Stats			
	As of October 29	As of November 12	Percent Change
Total Beds Available	431	249*	42.23% (decrease)
Beds Used by Non-COVID Patients	682	681	0.15% (decrease)
Beds Used by COVID Patients	47	63	34.04% (increase)

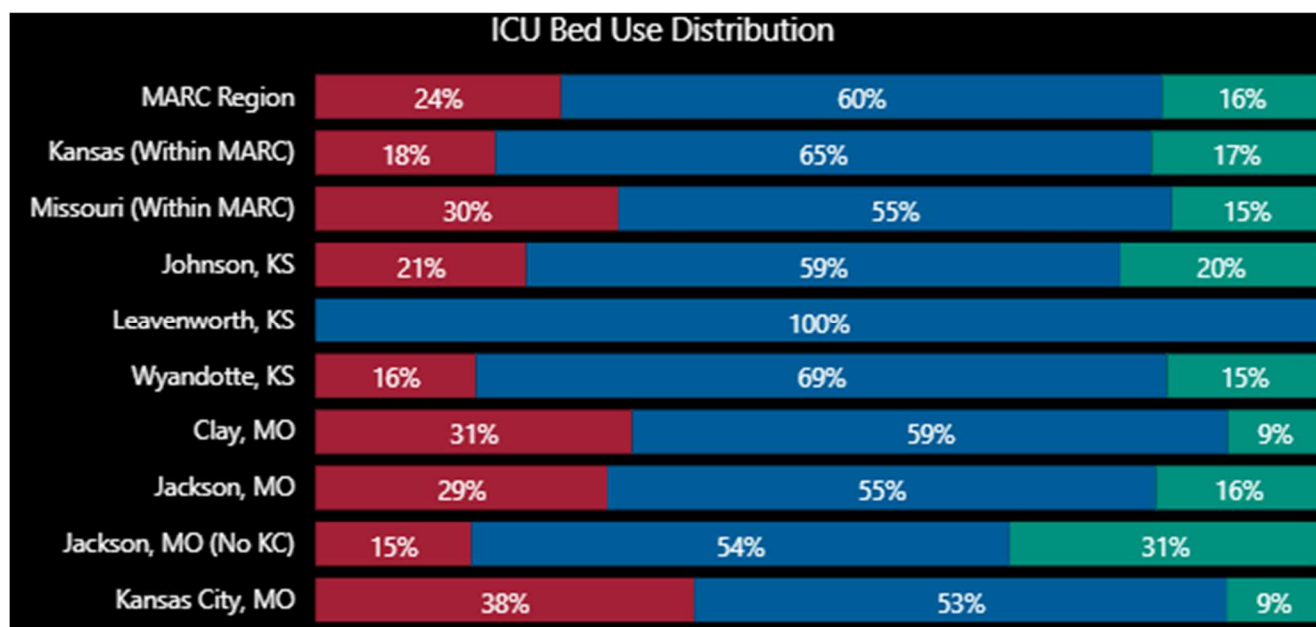
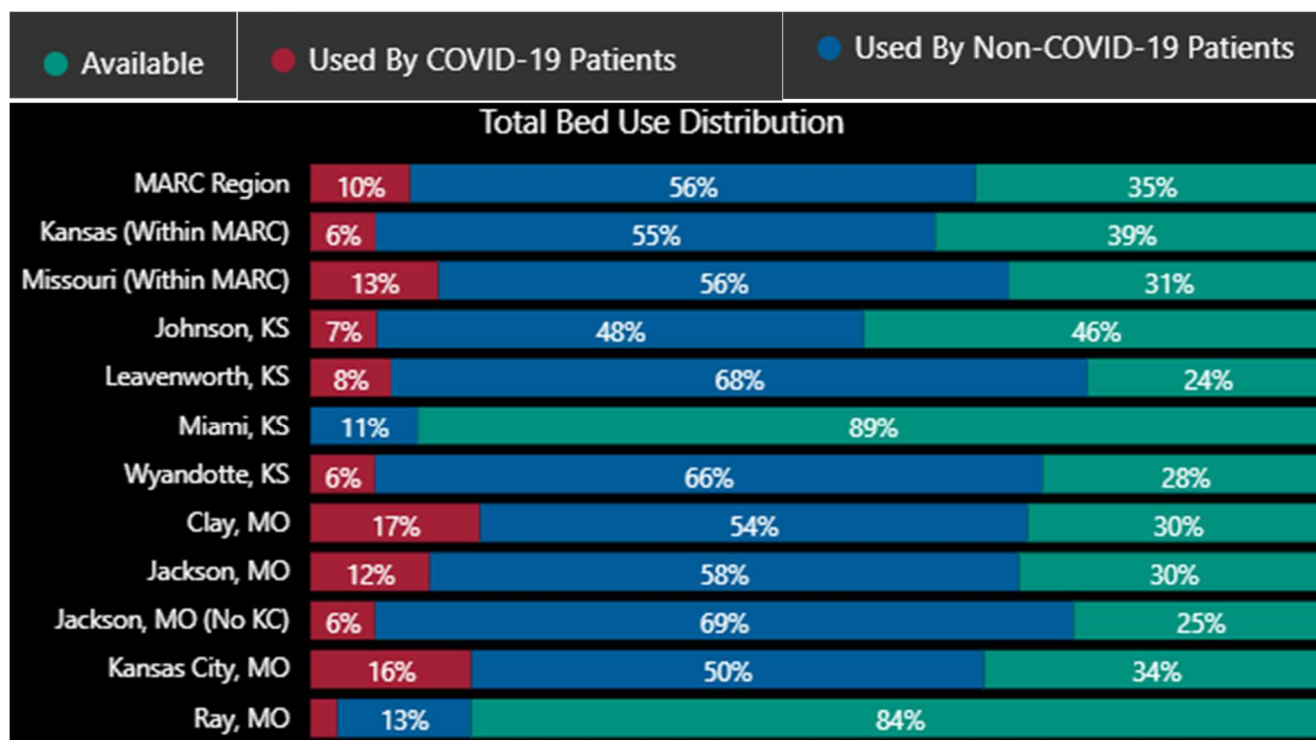
\*"Beds available" is now calculated based on beds that are staffed.

#### City of Independence Testing

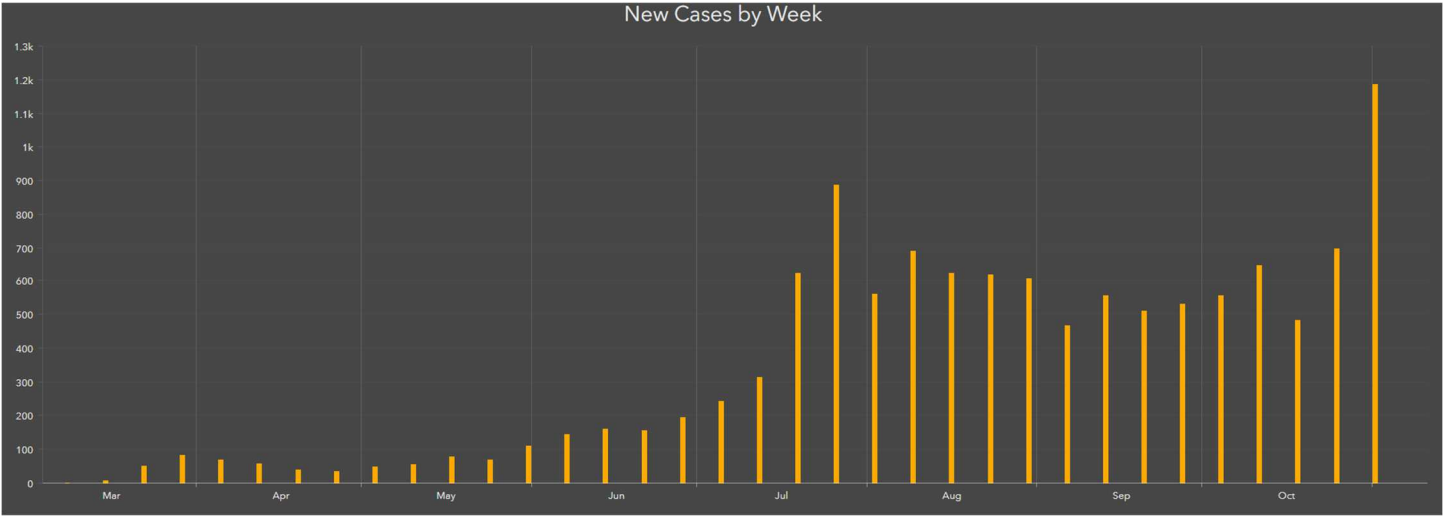
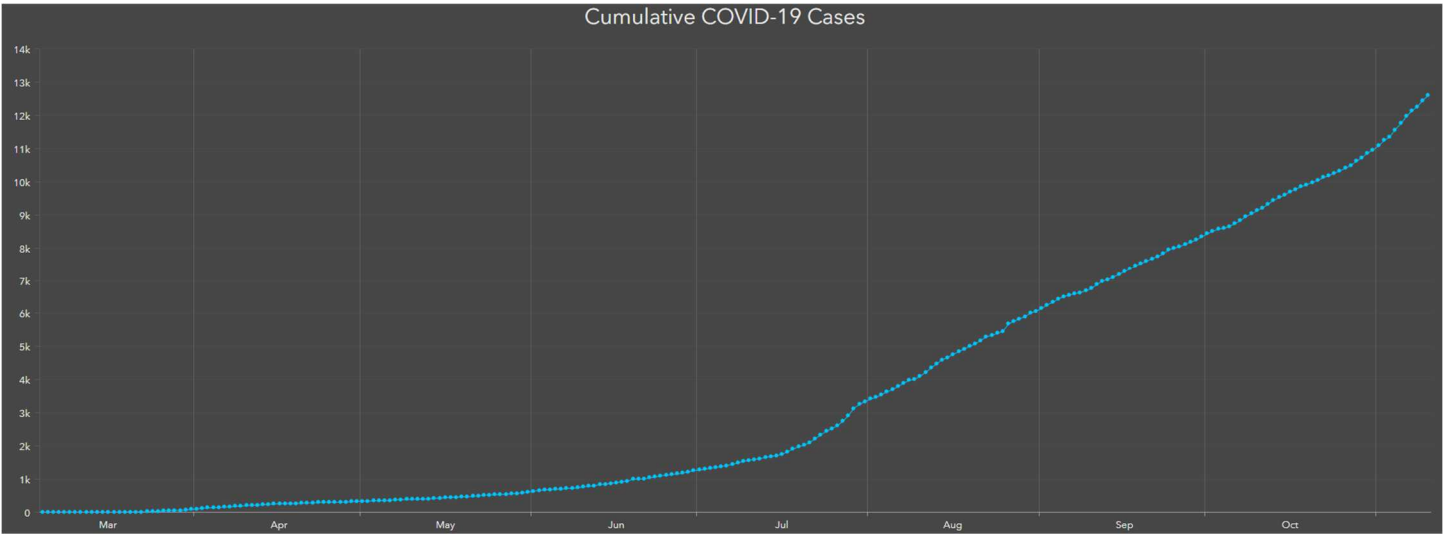
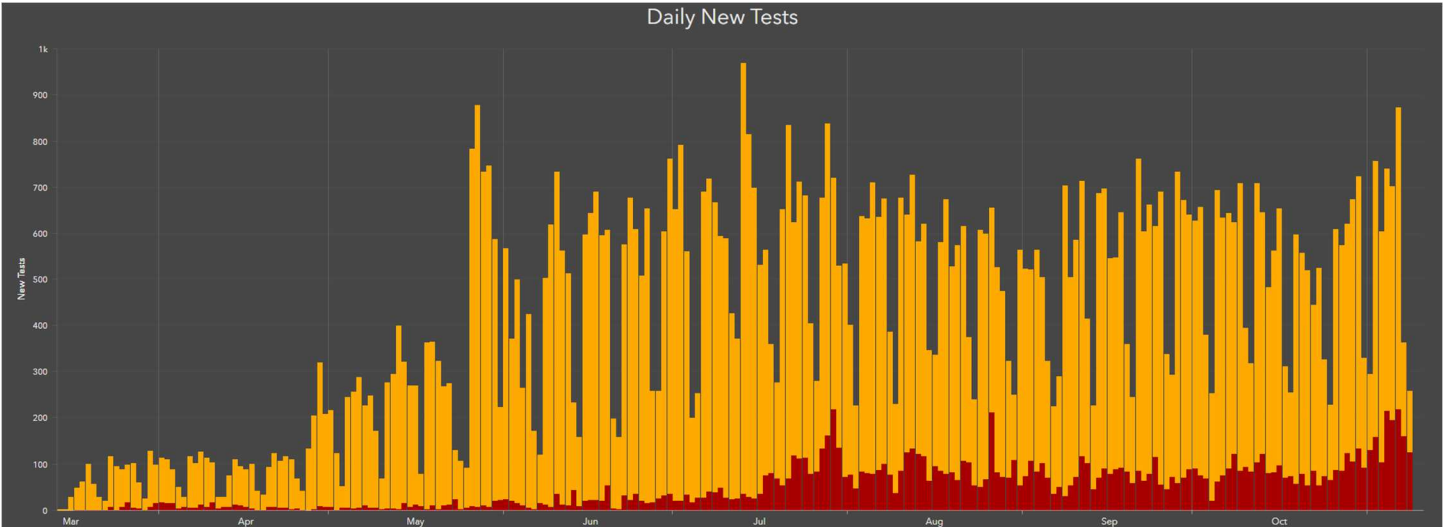
(Performed using CARES Funds by City staff and volunteers)



**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

