

March 12 – December 31, 2020 COVID-19 Report

| Cumulative Confirmed Cases by Independence Zip Code | | | | | | |
|--|--|------------------------------------|---------------------------------------|---|------------------------------|------------------------------------|
| Independence Zip Code | Total Reported Cases as of December 17 | Rate per 100,000 as of December 17 | Number of New Cases Since December 17 | Percent Increase in the Number of Cases | Total Reported Cases to Date | Rate per 100,000 residents to date |
| 64050 | 1088 | 4878.49 | 111 | 10.20% | 1199 | 5376.2 |
| 64052 | 1023 | 5090.06 | 126 | 12.32% | 1149 | 5716.99 |
| 64053 | 268 | 4959.29 | 18 | 6.72% | 286 | 5292.38 |
| 64054 | 155 | 4309.15 | 22 | 14.19% | 177 | 4920.77 |
| 64055 | 1713 | 5045.06 | 199 | 11.62% | 1912 | 5631.15 |
| 64056 | 812 | 4739.12 | 78 | 9.61% | 890 | 5194.35 |
| 64057 | 899 | 6121.48 | 79 | 8.79% | 978 | 6659.4 |
| 64058* | 350 | 5043.95 | 62 | 17.71% | 412 | 5937.45 |
| 64015** | 1582 | 5039.66 | 186 | 11.76% | 1768 | 5632.19 |
| 64016† | 155 | 3336.92 | 41 | 26.45% | 196 | 4219.59 |
| Total | 8045 | 5023.42 | 922 | 11.46% | 8967 | 5599.13 |

To date, the City of Independence has seen **106** confirmed cases among staff: thirty in the Fire Department, thirty-four in the Police Department, eighteen in the Utilities Department, nine in Municipal Services, one in Animal Services, two in Municipal Court, two in Finance & Administration, three in Community Development, one in the City Manager’s Office, and six in the Parks/Recreation/Tourism Department.

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 **12.1%** with the cumulative positive rate at **8.6%**.

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 December 17 -30), Eastern Jackson County averaged **459** tests per day or approximately **119** tests/100,000 citizens each day.

City of Independence Gating Criteria for Re-opening

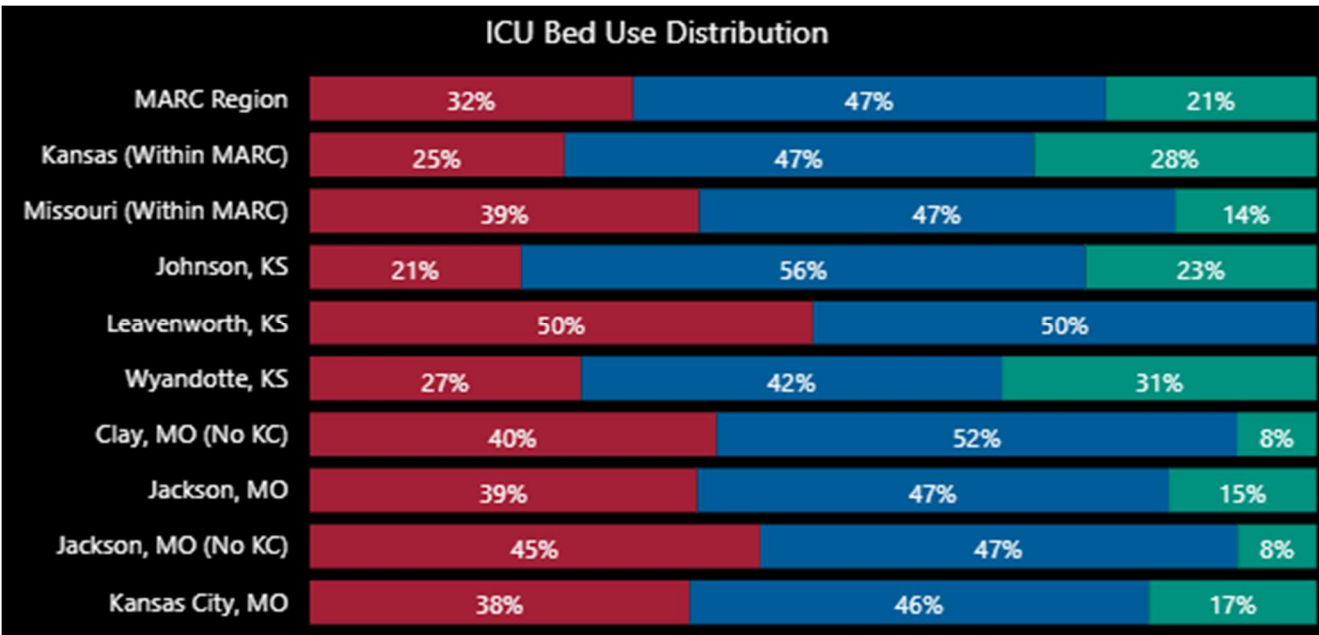
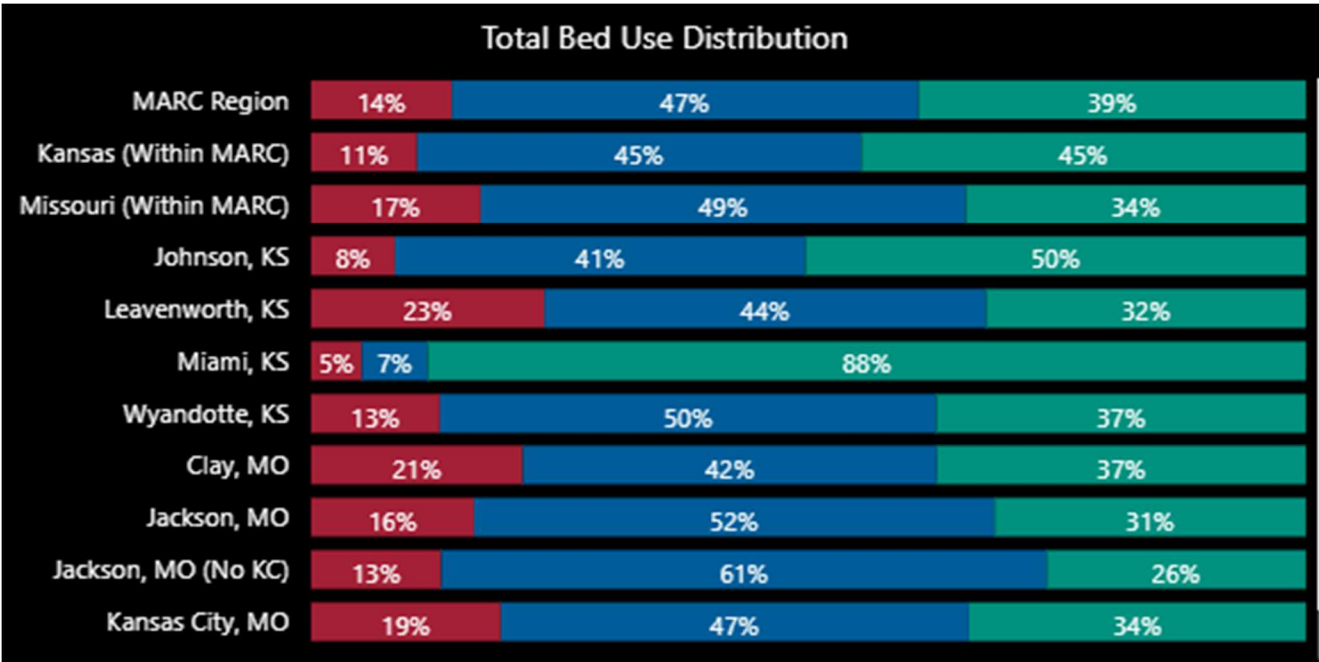
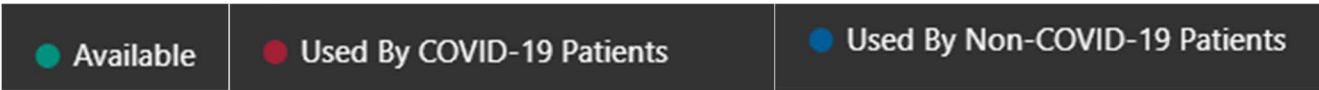
1. Sustained decrease in the number of confirmed cases and positive rate for at least four weeks.
2. Adequate PPE supply for hospitals, long-term care facilities, and first responders.
3. Sustained decrease in hospitalizations.
4. Adequate access to testing and contact tracing.

| Eastern Jackson County Stats | | | |
|-------------------------------------|-------------------|-------------------|-------------------|
| | As of December 17 | As of December 30 | Percent Change |
| Cumulative Persons Tested | 121,972 | 128,158 | 5.07% (increase) |
| Overall Percent Positive | 17.07% | 18.01% | 5.51% (increase) |
| 14-Day Average Percent Positive | 25.79% | 25.44% | 1.36% (decrease) |
| Cumulative Confirmed Cases | 20,816 | 23,081 | 10.88% (increase) |
| Cases Per 100,000 | 5465 | 6060 | 10.89% (increase) |
| Deaths | 205 | 237 | 15.61% (increase) |

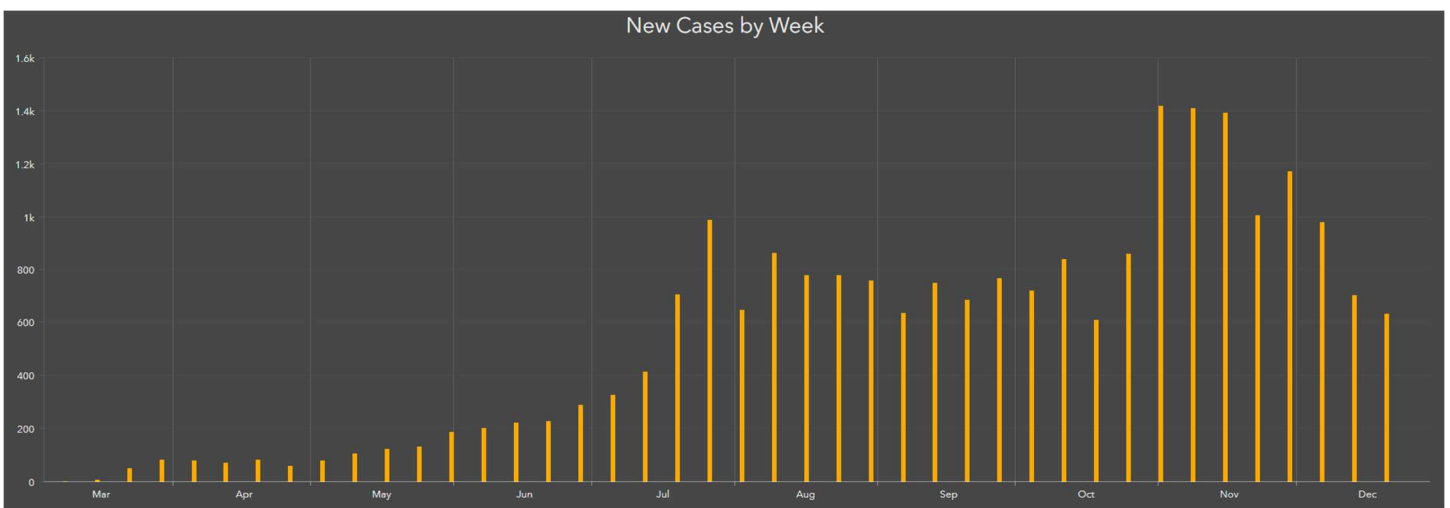
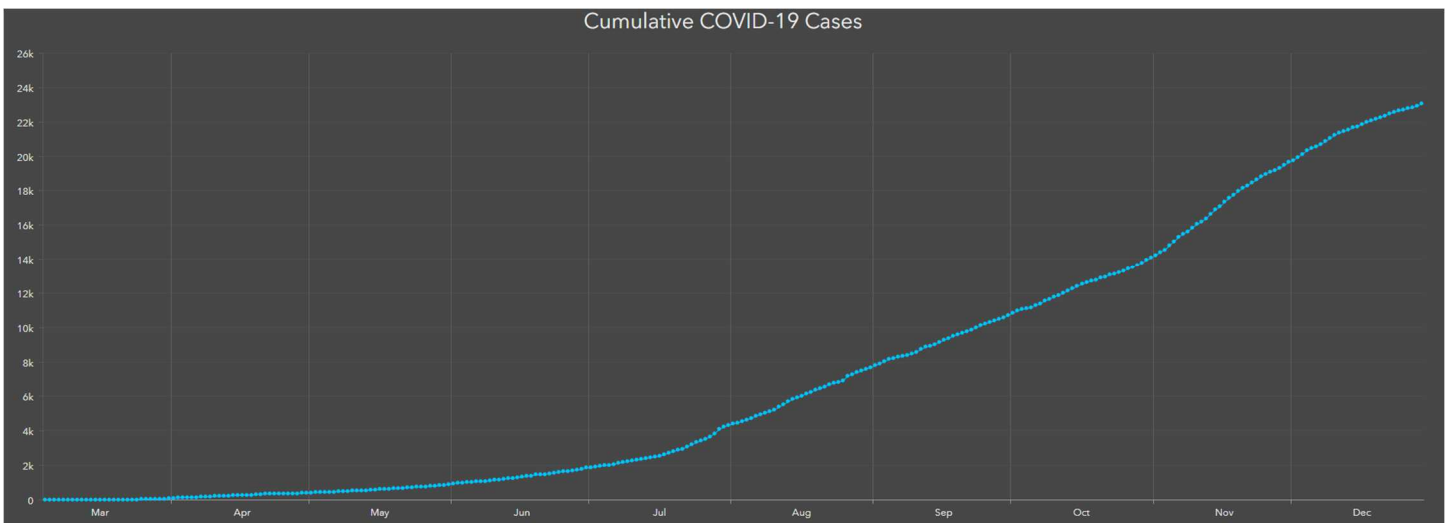
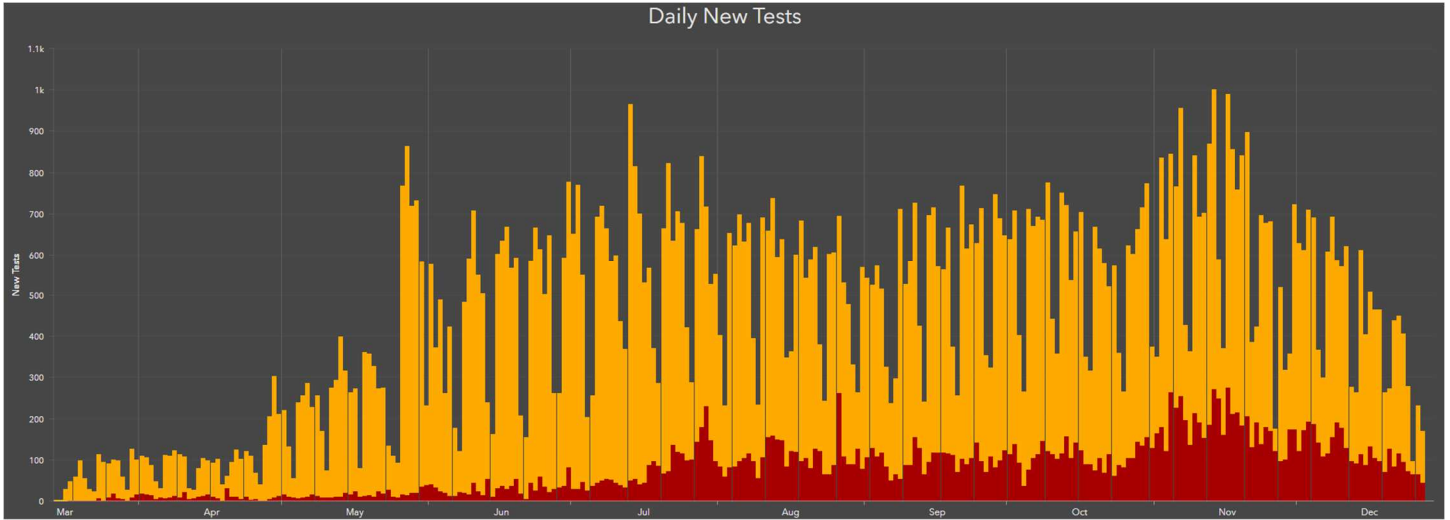
| MARC Eastern Jackson County Hospital Stats | | | |
|---|-------------------|-------------------|--------------------|
| | As of December 17 | As of December 30 | Percent Change |
| Total Beds Available | 682 | 490 | 28.15% (decrease) |
| Beds Used by Non-COVID Patients | 1447 | 1181 | 20.69% (decrease) |
| Beds Used by COVID Patients | 394 | 336 | 12.95 % (decrease) |

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

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

