

March 12 – September 17, 2020 COVID-19 Report

| <b>Cumulative Confirmed Cases by Independence Zip Code</b> |                                        |                                    |                                       |                                         |                              |                                    |
|------------------------------------------------------------|----------------------------------------|------------------------------------|---------------------------------------|-----------------------------------------|------------------------------|------------------------------------|
| Independence Zip Code                                      | Total Reported Cases as of September 3 | Rate per 100,000 as of September 3 | 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                                                      | 329                                    | 1475.20                            | 39                                    | 11.85%                                  | 368                          | 1650.08                            |
| 64052                                                      | 325                                    | 1617.08                            | 43                                    | 13.23%                                  | 368                          | 1831.03                            |
| 64053                                                      | 99                                     | 1831.98                            | 21                                    | 21.21%                                  | 120                          | 2220.58                            |
| 64054                                                      | 49                                     | 1362.25                            | 6                                     | 12.24%                                  | 55                           | 1529.05                            |
| 64055                                                      | 534                                    | 1572.72                            | 48                                    | 8.99%                                   | 582                          | 1714.08                            |
| 64056                                                      | 220                                    | 1284.00                            | 25                                    | 11.36%                                  | 245                          | 1429.91                            |
| 64057                                                      | 237                                    | 1613.78                            | 83                                    | 35.02%                                  | 320                          | 2178.95                            |
| 64058*                                                     | 86                                     | 1239.37                            | 24                                    | 27.91%                                  | 110                          | 1585.24                            |
| 64015**                                                    | 421                                    | 1341.15                            | 63                                    | 14.96%                                  | 484                          | 1541.84                            |
| 64016†                                                     | 31                                     | 667.38                             | 3                                     | 9.68%                                   | 34                           | 731.97                             |
| <b>Total</b>                                               | <b>2331</b>                            | <b>1455.51</b>                     | <b>355</b>                            | <b>15.23%</b>                           | <b>2686</b>                  | <b>1455.51</b>                     |

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

| <b>Cumulative Percent Positive by Independence Zip Code</b> |                                         |                                               |                                             |                               |                                     |                                         |
|-------------------------------------------------------------|-----------------------------------------|-----------------------------------------------|---------------------------------------------|-------------------------------|-------------------------------------|-----------------------------------------|
| Independence Zip Code                                       | Total Tests Performed as of September 3 | Cumulative Percent Positive as of September 3 | 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                                                       | 3992                                    | 8.24%                                         | 319                                         | 4311                          | 8.54%                               | 12.22%                                  |
| 64052                                                       | 3288                                    | 9.88%                                         | 302                                         | 3590                          | 10.25%                              | 14.24%                                  |
| 64053                                                       | 773                                     | 12.81%                                        | 110                                         | 883                           | 13.59%                              | 19.09%                                  |
| 64054                                                       | 501                                     | 9.78%                                         | 56                                          | 557                           | 9.87%                               | 10.71%                                  |
| 64055                                                       | 5717                                    | 9.34%                                         | 517                                         | 6234                          | 9.34%                               | 9.28%                                   |
| 64056                                                       | 2321                                    | 9.48%                                         | 243                                         | 2564                          | 9.56%                               | 10.29%                                  |
| 64057                                                       | 2686                                    | 8.82%                                         | 360                                         | 3046                          | 10.51%                              | 23.06%                                  |
| 64058*                                                      | 1026                                    | 8.38%                                         | 141                                         | 1167                          | 9.43%                               | 17.02%                                  |
| 64015**                                                     | 4581                                    | 9.19%                                         | 468                                         | 5049                          | 9.59%                               | 13.46%                                  |
| 64016†                                                      | 458                                     | 6.77%                                         | 57                                          | 515                           | 6.60%                               | 5.26%                                   |
| <b>Total</b>                                                | <b>25,343</b>                           | <b>9.20%</b>                                  | <b>2573</b>                                 | <b>27,916</b>                 | <b>9.62%</b>                        | <b>13.80%</b>                           |

\*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 5.1% with the cumulative positive rate at 8.17%.

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 7 -13), Eastern Jackson County averaged 465 tests per day or approximately 117 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 3     | As of September 17 | Percent Change    |
| Cumulative Persons Tested       | 61,959                | 68,277             | 10.20% (increase) |
| Overall Percent Positive        | 8.83%                 | 9.48%              | 7.36% (increase)  |
| 14-Day Average Percent Positive | 13.92%                | 13.52%             | 2.87% (decrease)  |
| Cumulative Confirmed Cases      | 5,469                 | 6,473              | 18.36% (increase) |
| Presumed Recovered              | 1,807                 | 1,870              | 3.49% (increase)  |
| Cases Per 100,000               | 1436                  | 1699               | 18.31% (increase) |
| Total Hospitalized              | 283 (as of August 13) | Unavailable        | ---               |
| Deaths                          | 78                    | 89                 | 14.10% (increase) |

#### Graphical Eastern Jackson County Data



