March 12 - September 17, 2020 COVID-19 Report

Cumulative Confirmed Cases by Independence Zip Code						
Independence Zip	Total	Rate per	Number of	Percent	Total Reported	Rate per
Code	Reported	100,000 as of	New Cases in	Increase in	Cases to Date	100,000
	Cases as of	September 3	Last Two	the Number		residents to
	September 3		Weeks	of Cases		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
Total	2331	1455.51	355	15.23%	2686	1455.51

To date, the City of Independence has seen <u>twenty-one confirmed cases among staff</u>: 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.

Cumulative Percent Positive by Independence Zip Code						
Independence	Total Tests	Cumulative	Number of	Total Tests	Cumulative	Percent
Zip Code	Performed as	Percent	Tests	Performed	Percent	Positive for
	of September 3	Positive as of	Performed	to Date	Positive to	the Last Two
		September 3	in Last Two		Date	Weeks
			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%
Total	25,343	9.20%	2573	27,916	9.62%	13.80%

^{*}includes some addresses that are in unincorporated Independence

tincludes 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

^{**}includes some addresses that are within Blue Springs

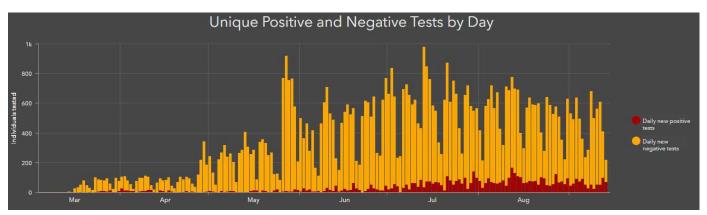
Eastern Jackson County are far below these numbers. In the last seven days of available data (the week of September 7 -13), <u>Eastern Jackson County averaged 465 tests per day or approximately 117 tests/100,000 citizens each day.</u>

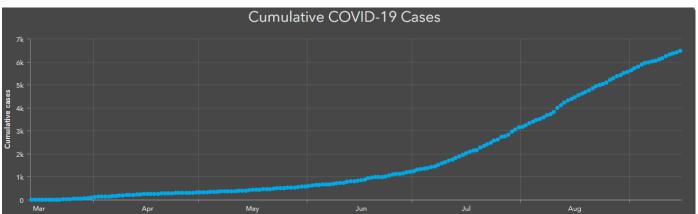
City of Independence Gating Criteria for Re-opening

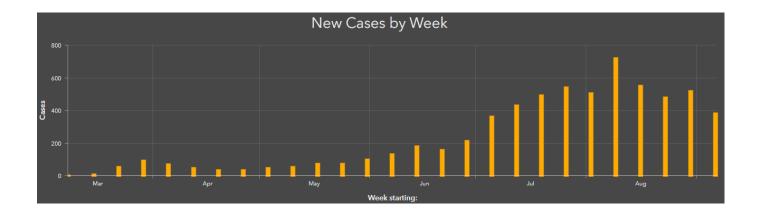
- 1. Sustained decrease in the number of confirmed cases and positive rate for at least four weeks.
- 2. Adequate PPE supply for hospitals, long-term care facilities, and first responders.
- 3. Sustained decrease in hospitalizations.
- 4. Adequate access to testing and contact tracing.

Eastern Jackson County Stats						
	As of September 3	As of September 17	Percent Change			
Cumulative Persons	61,959	68,277	10.20% (increase)			
Tested						
Overall Percent	8.83%	9.48%	7.36% (increase)			
Positive						
14-Day Average	13.92%	13.52%	2.87% (decrease)			
Percent Positive						
Cumulative Confirmed	5,469	6,473	18.36% (increase)			
Cases						
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







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

