

DATE: Tuesday, May 5, 2020

TO: Board of County Commissioners

FROM: Sanmi Areola, PhD, Director of Health and Environment

SUBJECT: Updates on efforts to contain spread of COVID-19 in Johnson County

Commissioners,

Please find below updates regarding COVID-19 activities in Johnson County.

General information

Total number of confirmed cases is 512.

A total of forty-five (45) people have died after a confirmed case of COVID-19

Total number of tests administered: 7,253

Total negative results: 6,741

Positive results as percentage of total: 7.1%

For more detailed information including sex and age trends and charts, please check the dashboard on www.jocogov.com.

Testing results

Testing is ongoing in different sectors of our population.

1. **Community population symptoms survey** - The results are in from our second community population health survey. 45,266 Johnson County residents participated in this survey between April 21-24. 0.9% of the respondents reported that they developed symptoms associated with COVID-19 in the preceding two weeks. This does not mean 0.9% of respondents have COVID-19.
2. **Testing in the general population** – The second drive-thru testing clinic of the general population was conducted at the Church of the Resurrection on April 28. Participants are community members who participated in the most recent symptoms survey plus employees from grocery stores, childcare facilities, utilities and mental health services. Of the 420 tests, 9 were positive while 411 were negative. One test resulted in an error and the person declined to be retested.

3. **Testing of essential workers** – The second drive-thru testing clinic of essential workers was held on Friday, May 1. 268 essential workers employed in the utilities, grocery, restaurant, rideshare, childcare, mental health, healthcare, and first responders were tested along with a few selected Spanish-speaking members of our county. Out of these, 264 were negative and 4 were positive (3 of these were in asymptomatic individuals). You will also remember that we have been to the locations of some employers to test their employees.
4. **Random testing in LTCF** – This is ongoing. We have now tested in 30 facilities. We have results back for 148 samples. Out of these, 146 are negative and 2 are positive. The two that are positive are contacts of a known case.
5. **Brighton Gardens** – This remains the main outbreak we are addressing currently. As mentioned, we conducted more intense testing at Brighton Gardens on Friday, May 1. A total of 66 samples were collected. Additional samples were collected yesterday, Monday May 4th and more are being collected this week also. We have results from 49 tests back out of which we have 4 were positive (3 residents and 1 staff member). Again, this expanded testing will help them in their cohorting and mitigation efforts.

For more information about the county's testing plan, visit: <https://www.jocogov.org/coronavirus-covid-19-testing-johnson-county>

Long-Term Care Facilities (LTCF)

Number of cases: 132 cases

Number of LTCF cases as a percentage of total cases: 26%

Number of deaths: 33

Number of LTCF deaths as a percentage of total deaths: 73%

Facilities that once had outbreaks, but worked with us to isolate the cases, used dedicated staffing and appropriate PPE to prevent spread and have had no cases after 28 days (two incubation periods) and are now off the list are: **Lakeview Village**, **Village Shalom** and **Sunrise of Lenexa**. Sunrise of Leawood, Homestead of Olathe North and Forest Creek Memory Care are days from completing the two incubation cycles and will be off the list.

Updates from Dr. LeMaster

No change in the gating criteria we are monitoring within Johnson County. All 14-day trends remain as last reported for our own data.

There has been a recent spike in cases in adjacent Wyandotte Co (250 newly diagnosed cases since 4/30). These are under active investigation: we will have more data by the time of the Thurs 5/07 BOCC meetings. Jackson County new cases are similar to our own. We are still attempting to obtain reliable hospitalization data for these areas.

Updates from Dr. Jacobsen

EMS volumes are still down in the EMS system.

Hospitals have abundant capacity regarding ICU beds, med/surge beds and ventilators.

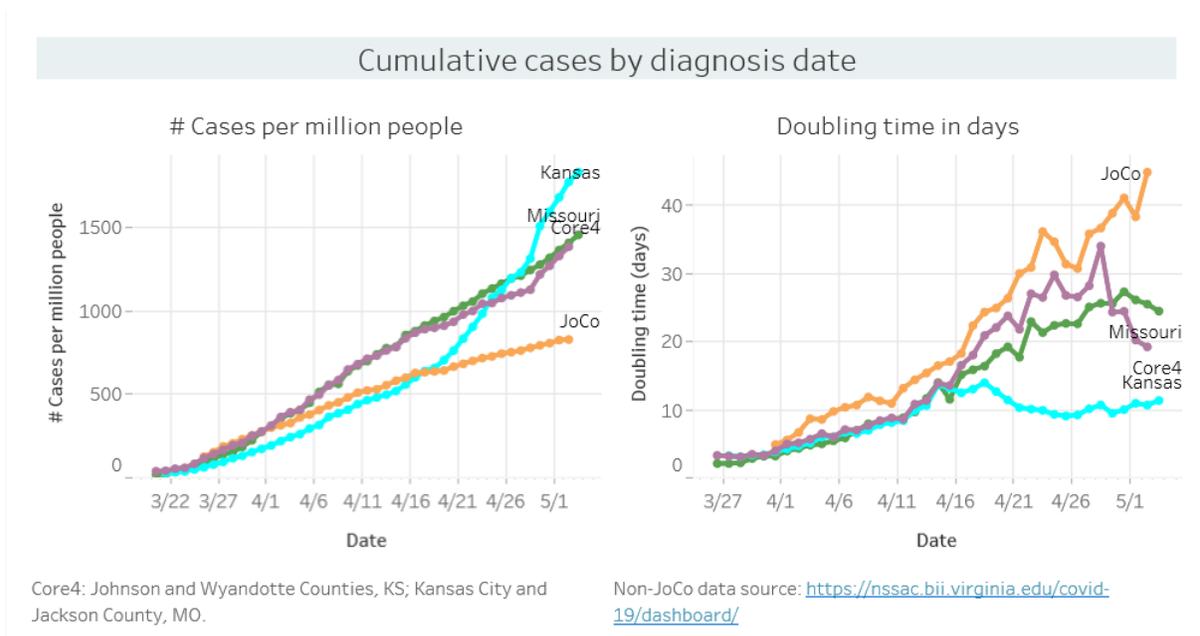
Hospitals in the region are all beginning the process of opening back up to back log of urgent/non-emergent outpatient surgical procedures.

Thoughts

Johnson County trends are encouraging.

However, while our numbers continue to trend in the right directions, those of our immediate neighbors are not. In the charts below, you can see that Johnson County's cases per million people and Doubling times are much better than those of our neighbors.

Doubling time shown in the graph below is the number of days it takes for the number of cases to double. For us it is over 40 days now which is very good.



Here is a link to more data which will be added to the dashboard soon:

https://public.tableau.com/profile/mapper.of.the.day.mod.#!/vizhome/COVID19_joco_epi_dashboard_staging/DoublingTime1?publish=yes

Helpful message for your constituents:

We continue to remind everyone to take steps to stop the spread of germs like COVID-19. These include:

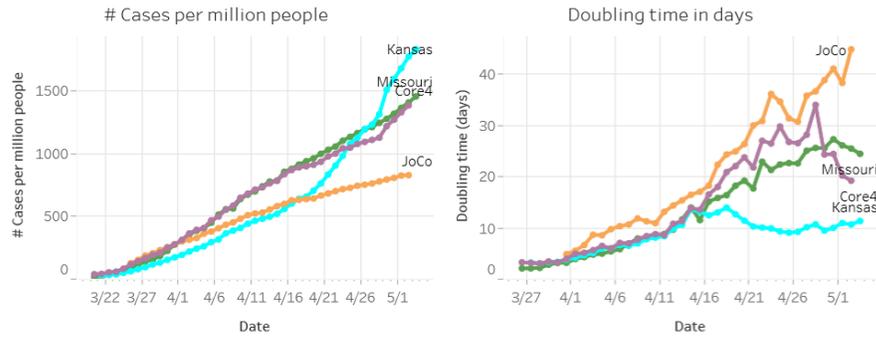
- Practice social distancing as defined by the CDC (6 feet of distance from others). Avoid large groups.
- Wear a cloth face covering when in a community setting, especially in situations where you may be near people. These settings include grocery stores and pharmacies. These face coverings are not a substitute for social distancing.
- Wash your hands often with soap and water. Use alcohol-based hand sanitizer if soap and water are not available.
- Cover your mouth and nose with a tissue when coughing or sneezing.
- Avoid touching your eyes, nose or mouth.

I am happy to answer questions that you may have.

Thank you for your engagement,

Sanmi Areola, PhD

Cumulative cases by diagnosis date



Core4: Johnson and Wyandotte Counties, KS; Kansas City and Jackson County, MO.

Non-JoCo data source: <https://nssac.bii.virginia.edu/covid-19/dashboard/>

Cumulative deaths

