JOHNSON COUNTY KANSAS
Health & Environment

Johnson County Order Proposal

August 5, 2021

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Local Health Officer

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Johnson County Dept. of Health and Environment

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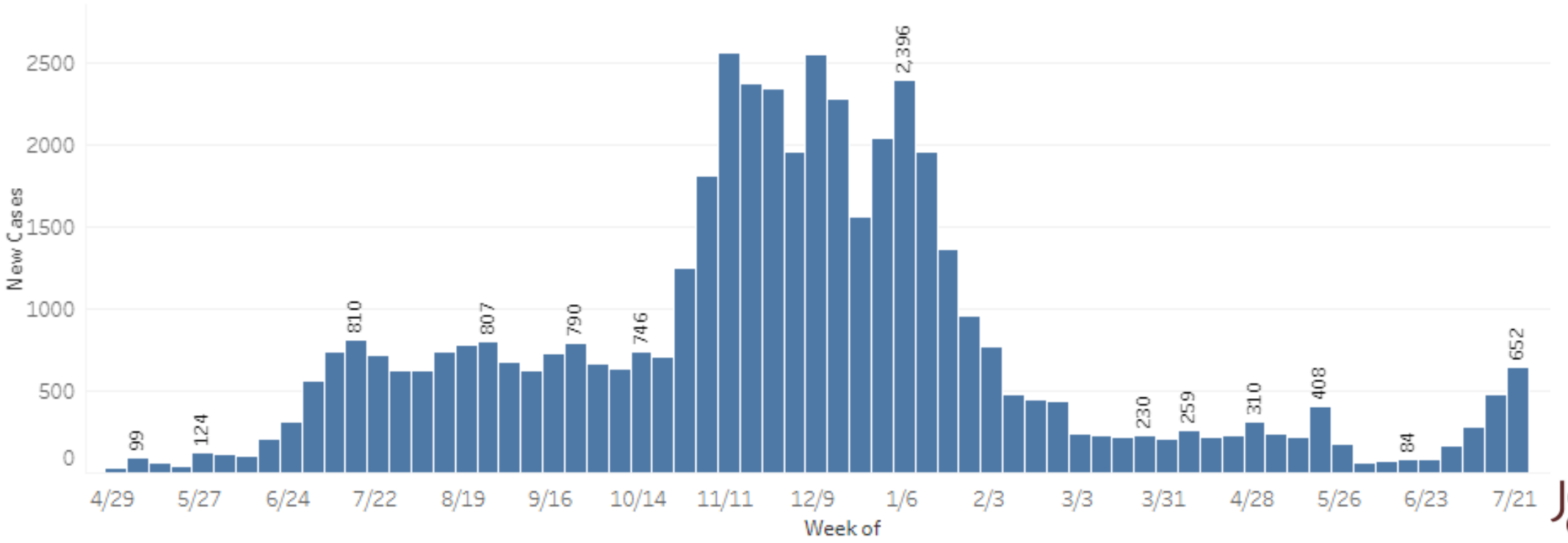
General Update – Key Metrics

- Number of new cases remain low
  Number of Cases in the past two weeks:
  - **Week of 7/11: 483 (69/day)**
  - **Week of 7/18: 652 (93/day)**

- Incidence Rate: 229/100k persons (prior 14 days)
- Percent Positivity: 7.9%



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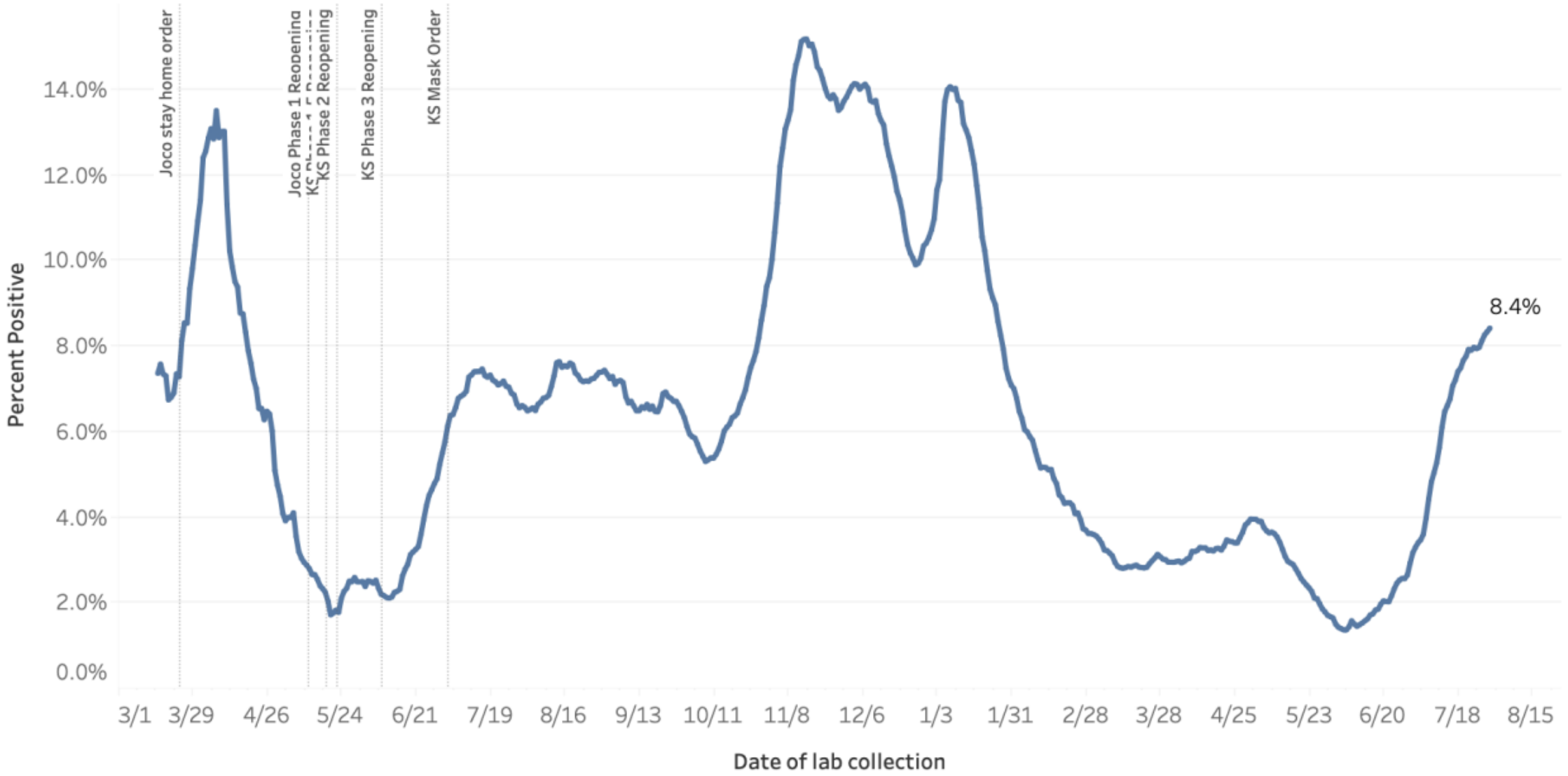
Percent Positivity Rate - calculated using an individuals first new positive result divided by the total number of all individuals tested in the last 14 days.



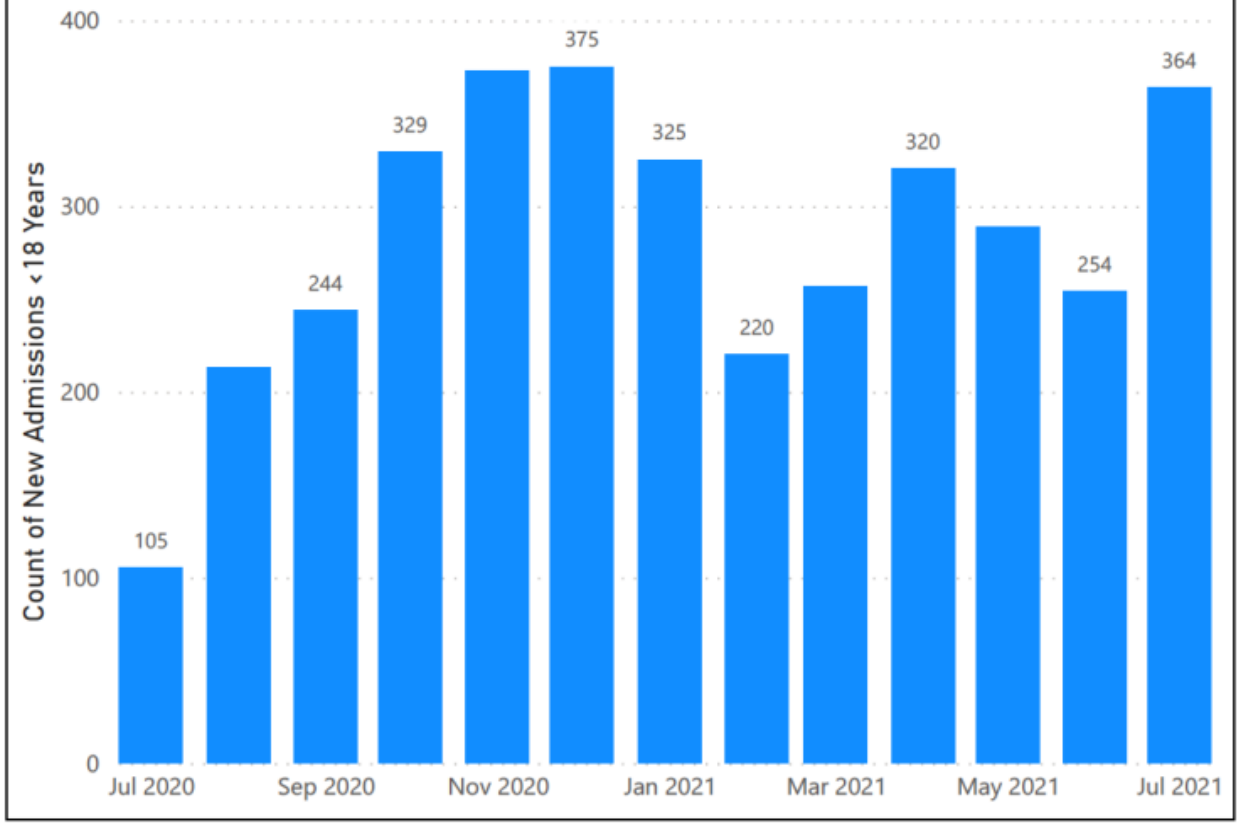
Recommended Learning Modes Based on COVID-19 Community Transmission

Incidence Rate will be the primary metric used to determine phase.

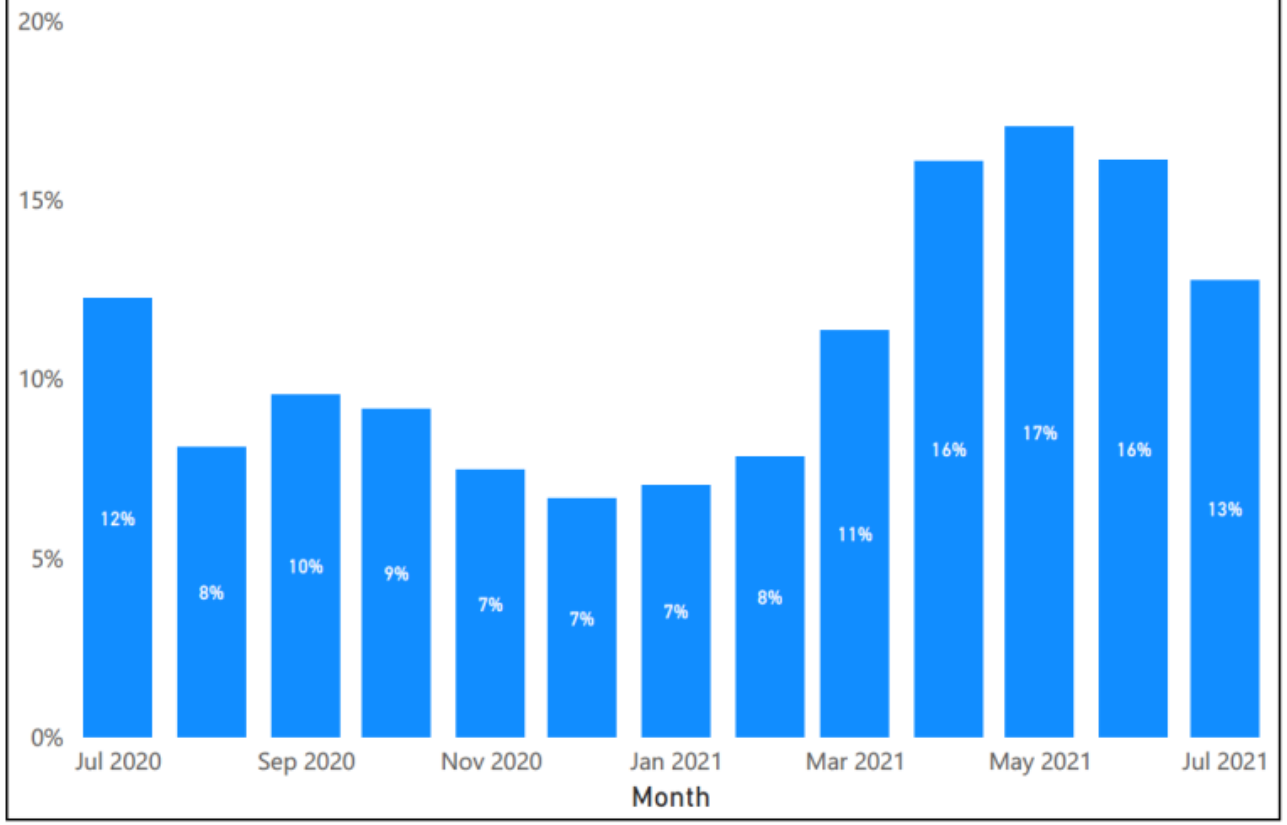
Type	Green	Yellow	Orange	Red
Incidence Rate (# new cases/100K over prior two weeks)	0-50	51 – 150	151-250	251 or more
Percent Positive (% positive tests / individuals tested over prior two weeks)	<5% positive	5.1-10% positive	10.1 – 15% positive	>15% positive
Elementary School	In person following safe-opening principles	In person following safe-opening principles	In person following safe-opening principles	Remote
Middle/High School	In person following safe-opening principles	Hybrid	Remote (Hybrid if appropriate "modifying variables" deployed to manage risks)	Remote

Kansas City Region Pediatric COVID-19 Hospitalizations

New Pediatric Hospitalizations (<18 years old)



% of All New COVID-19 Hospital Admissions that are < 18 years



Notes: Hospitalization data is sourced from the HHS Protect TeleTracking database (confirmed and suspected new COVID-19 hospital admissions in the last 24 hours by date of admission) and is updated daily at 8:00 am for the previous day. MARC Region includes Johnson, Leavenworth, Miami, and Wyandotte counties in Kansas and Cass, Clay, Jackson, Platte, and Ray counties in Missouri. Geography is based on location of the hospital, not the geography of patient residence. ***% displayed is percent of all new COVID-19 hospital admissions that are pediatric.**

Last Updated for

Saturday, July 31, 2021

Kansas City Region COVID-19 Data Hub

Hospitalizations | All Hospital Beds | Adult ICU Hospital Beds | All Hospital Ventilators | Jurisdiction Snapshot

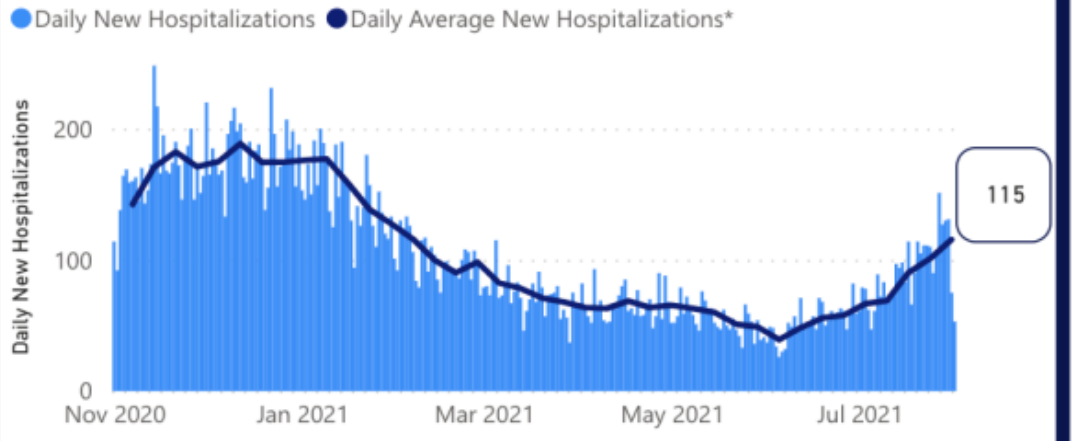
Single Jurisdiction Selector

- MARC Region
- Kansas (Within MARC)
- Missouri (Within MARC)
- Johnson, KS
- Miami, KS
- Wyandotte, KS
- Clay, MO
- Jackson, MO
- Jackson, MO (No KC)
- Kansas City, MO
- Ray, MO

Date Range Selector

11/1/2020 — 8/2/2021

New Hospitalizations



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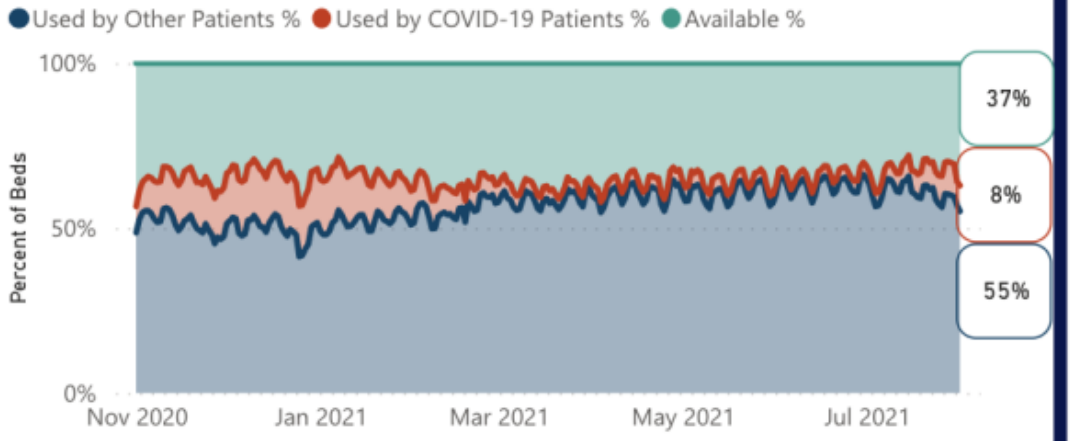
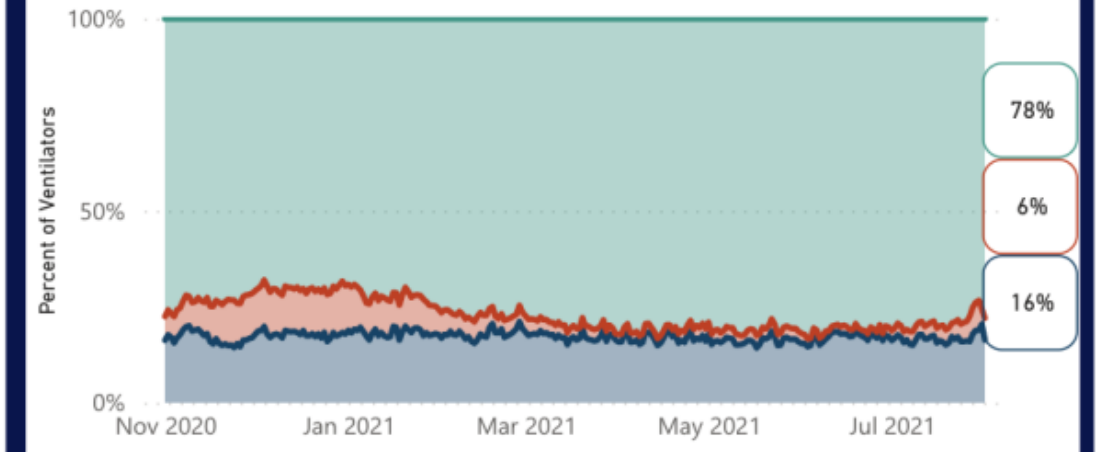
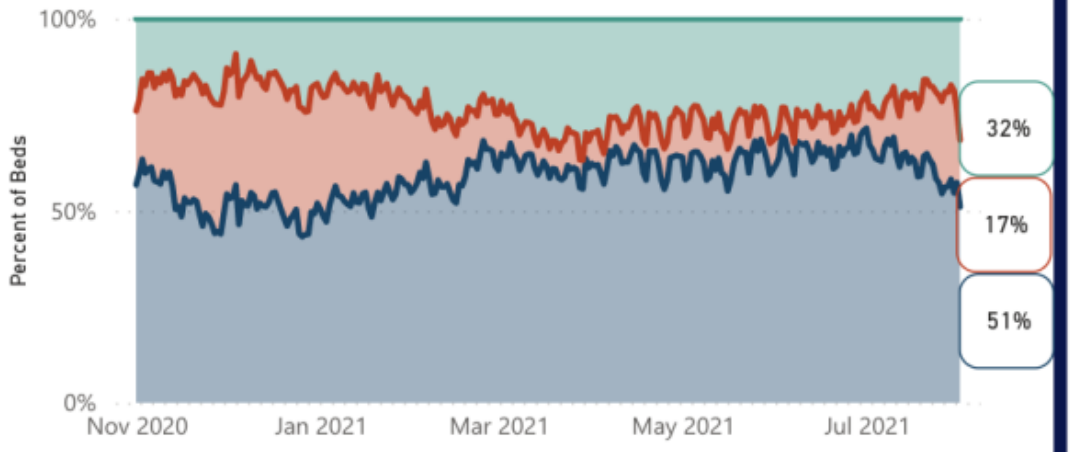


All Hospital Ventilators



Adult ICU Hospital Beds



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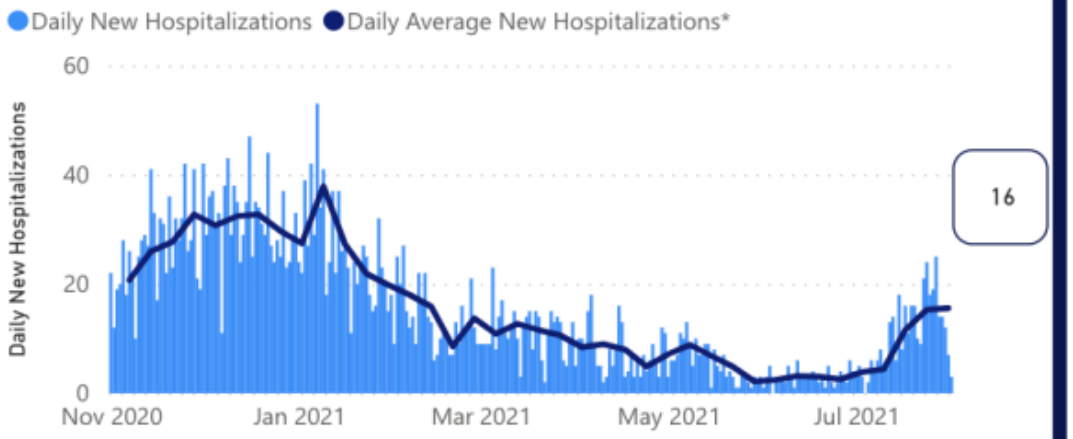

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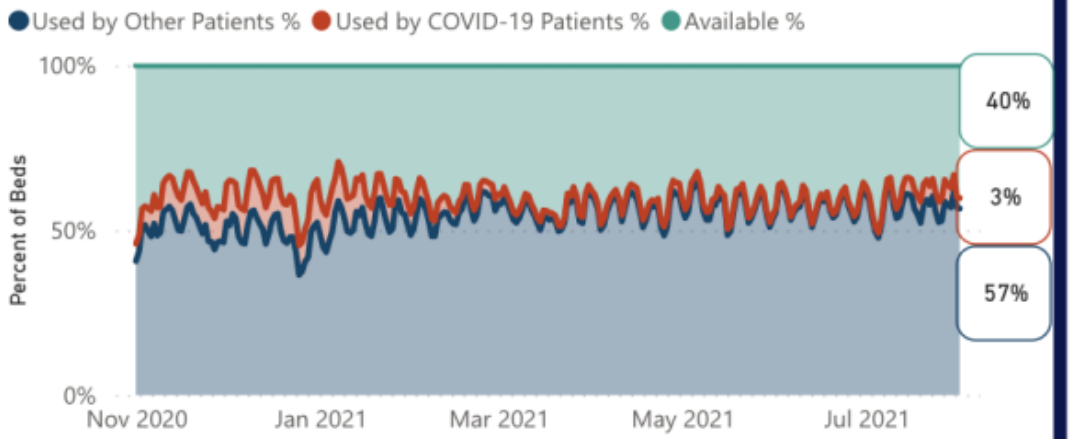

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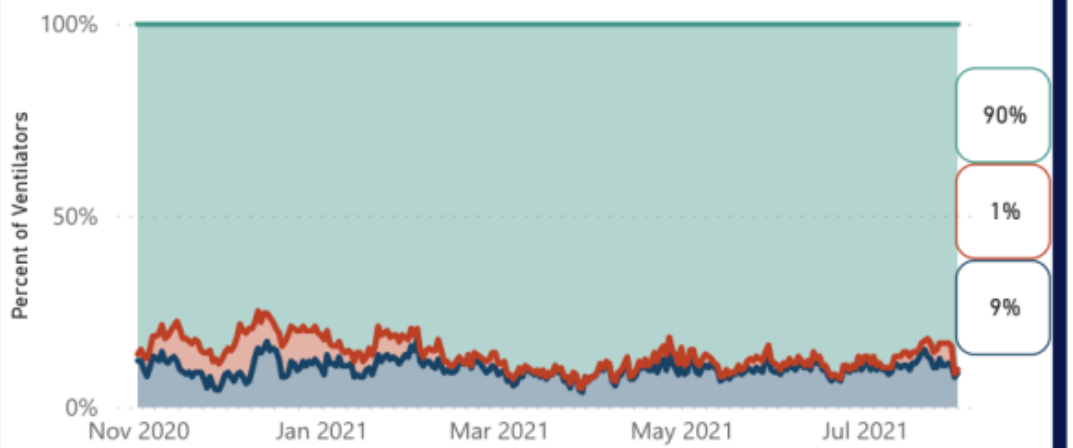

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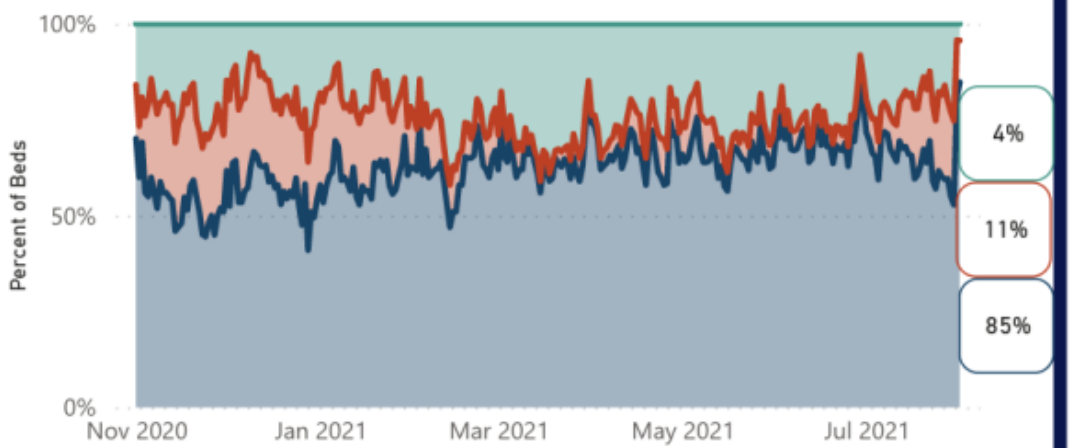

What it means; what we are seeing

- Infections (Incidence Rates and Positivity Rates), hospitalizations are increasing mostly in unvaccinated individuals – younger residents/school age children
- Deaths typically lag hospitalizations, BUT hospitalizations are increasing, and among them ICU admissions are rising
- We are seeing outbreaks associated with camps, small businesses and childcare establishments
- Vaccinations rates are still 0% in children < 12

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3 facts about transmission among kids

1. Higher numbers of cases among children are observed when community rates are higher (as in JoCo now)
   - UK data: for every additional 5/100K cases in communities, the risk of nearby school outbreaks increased by 72%
2. Children < 12 yo *CAN* acquire COVID-19 in in-person school settings and transmit it to others outside schools
3. At least through March 2021, when prevention strategies are in place, transmission in schools is uncommon.

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Layered prevention: what is it?

- Promoting COVID-19 vaccination for those eligible
- Consistent and correct use of masks by people who are not fully vaccinated, which includes all school children under the age of 12
- Physical distancing of at least 3’
- Screening testing in K-12 schools
- Improving ventilation (take it outside)
- Handwashing and respiratory etiquette
- Staying home when sick and getting tested
- Testing and contact tracing in combination with isolation and quarantine
- Routine cleaning with disinfection under certain conditions.

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Layered prevention works!

- Data supporting layered prevention have been confirmed by studies in schools in Rhode Island, Washington, D.C., North Carolina, Utah, Wisconsin, Florida, Ohio, Michigan and Washington states; in US cities (St. Louis, Chicago IL); and in other countries Switzerland, Norway, the U.K, Israel and Germany.
- It represent at least a minimal level of protection that communities experiencing high levels of transmission should observe, including Johnson County.

Mask use should be mandated in schools

- Risk of transmission in schools is high
- Vaccination is encouraged for those that are eligible
- Elementary schoolchildren < 12 (K-Grade 6) and those around them should wear face coverings consistently
- The proposed order represents the minimally restrictive action to provide protection for this most vulnerable population

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