



Indiana
Department
of
Health



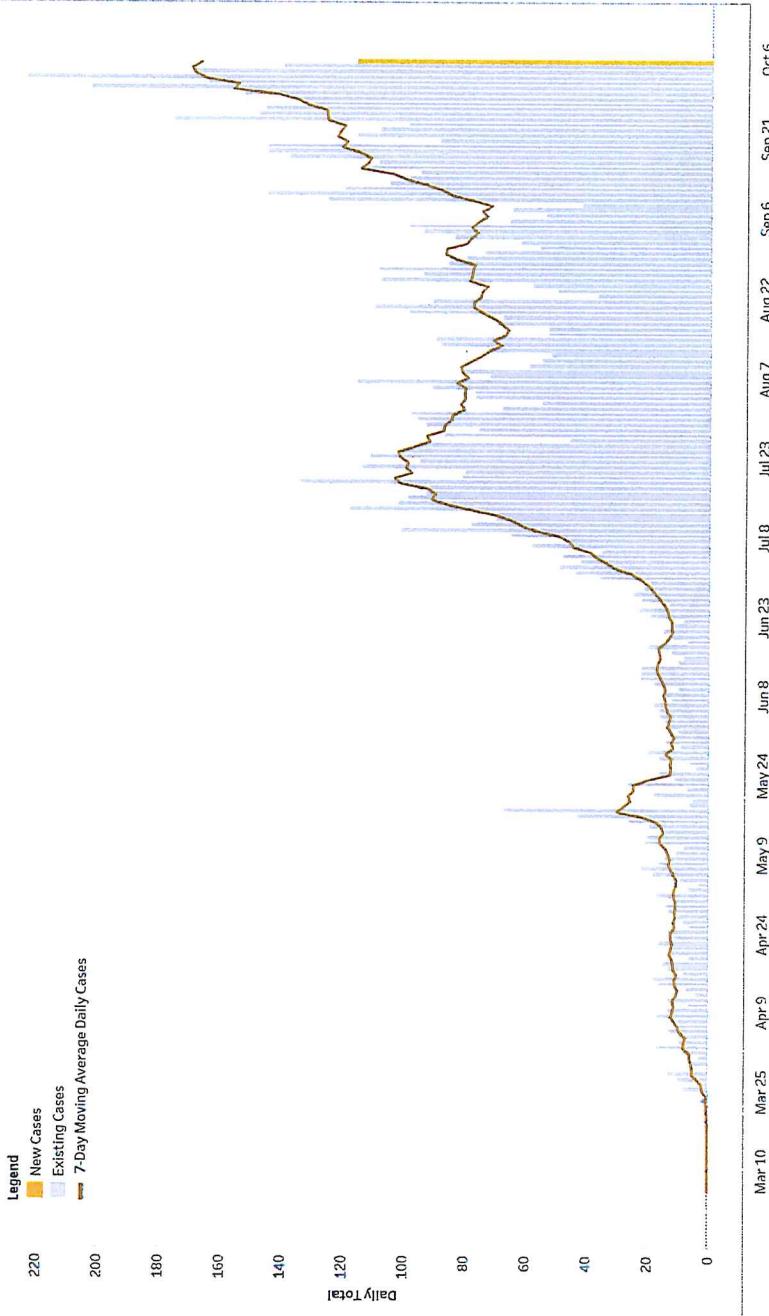
District 10 Current Status

OCTOBER 6, 2020

Positive Cases by Day

Positive cases per day have increased significantly since the beginning of September.

Positive Cases by Day, District 10
10,478 Total Cases and 116 New Cases as of 10/5/2020 at 11:59 PM

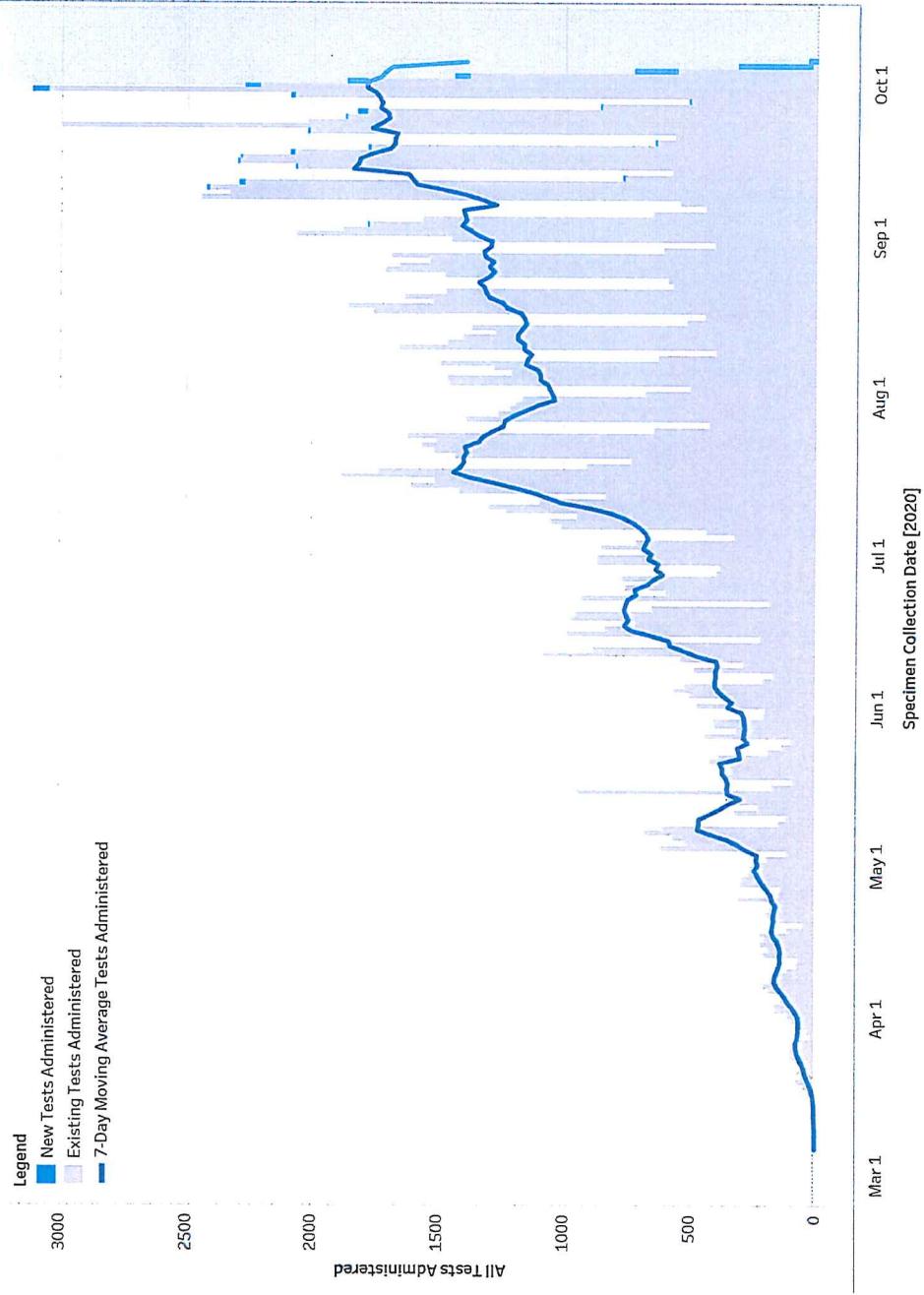


Tests Administered by Day

Tests administered per day have been steadily increasing since the beginning of the pandemic.

All-Tests Count by Day, District 10

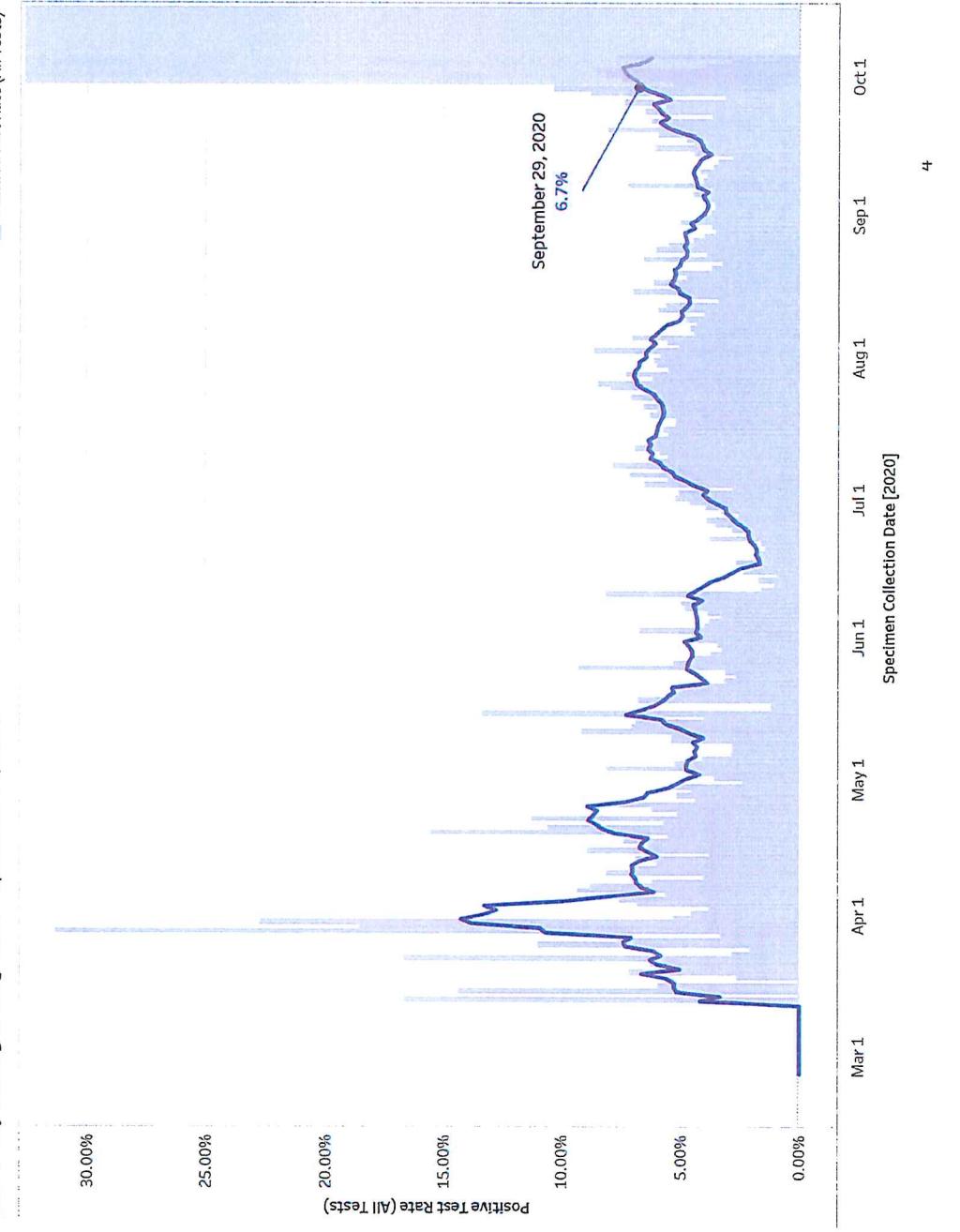
162,746 Total Tests and 895 New Tests as of October 5, 2020 at 11:59 PM.



All Tests Positive Test Rate by Day

The all tests positive test rate moving average is currently at 6.7% and increasing, a significant increase from District 10's low of 1.7% on June 17th and 18th.

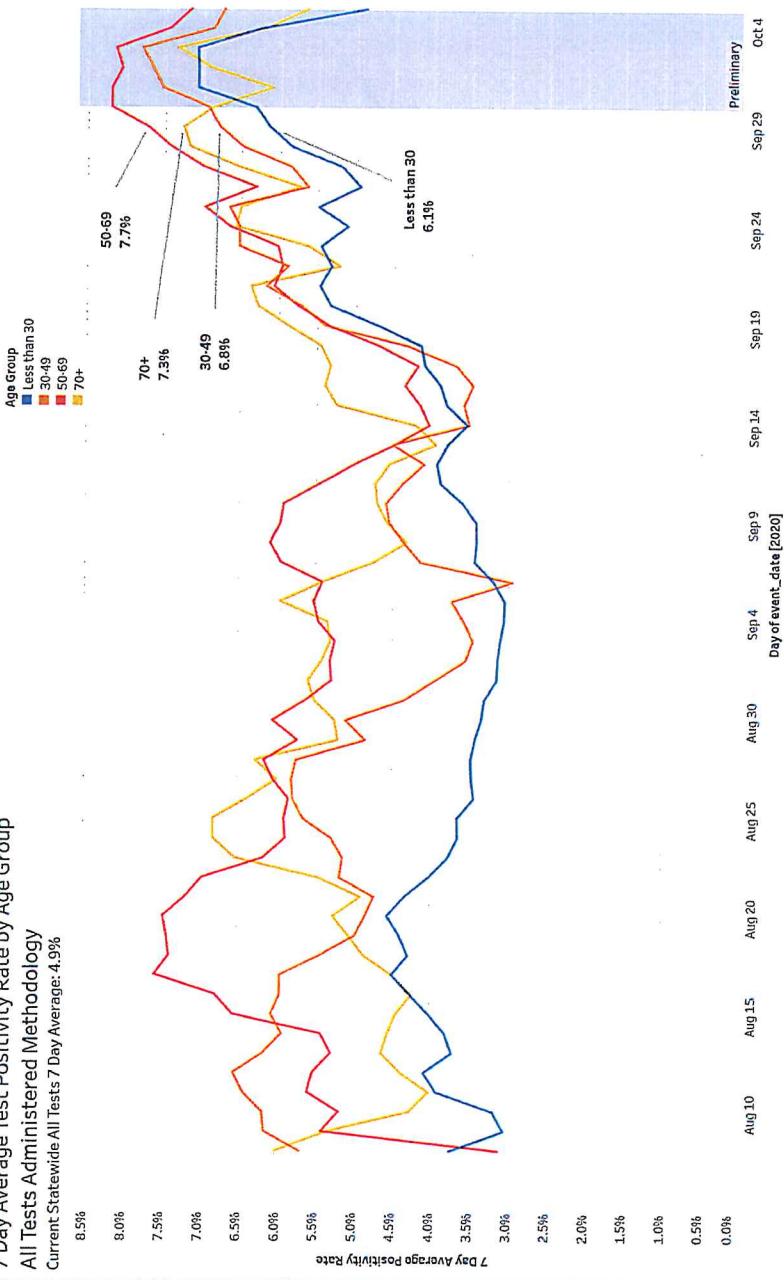
All-Tests Positive Test Rate by Day, District 10
6.7% 7-Day Moving Average as of September 29, 2020



All Tests Positive Test Rate by Age

The all tests positive test rate has increased for all age ranges in the past two weeks. The highest positive test rate in District 10 is among the 50-69 age group. All age groups are testing positive at a higher rate than the current statewide 7-day average of 4.9%.

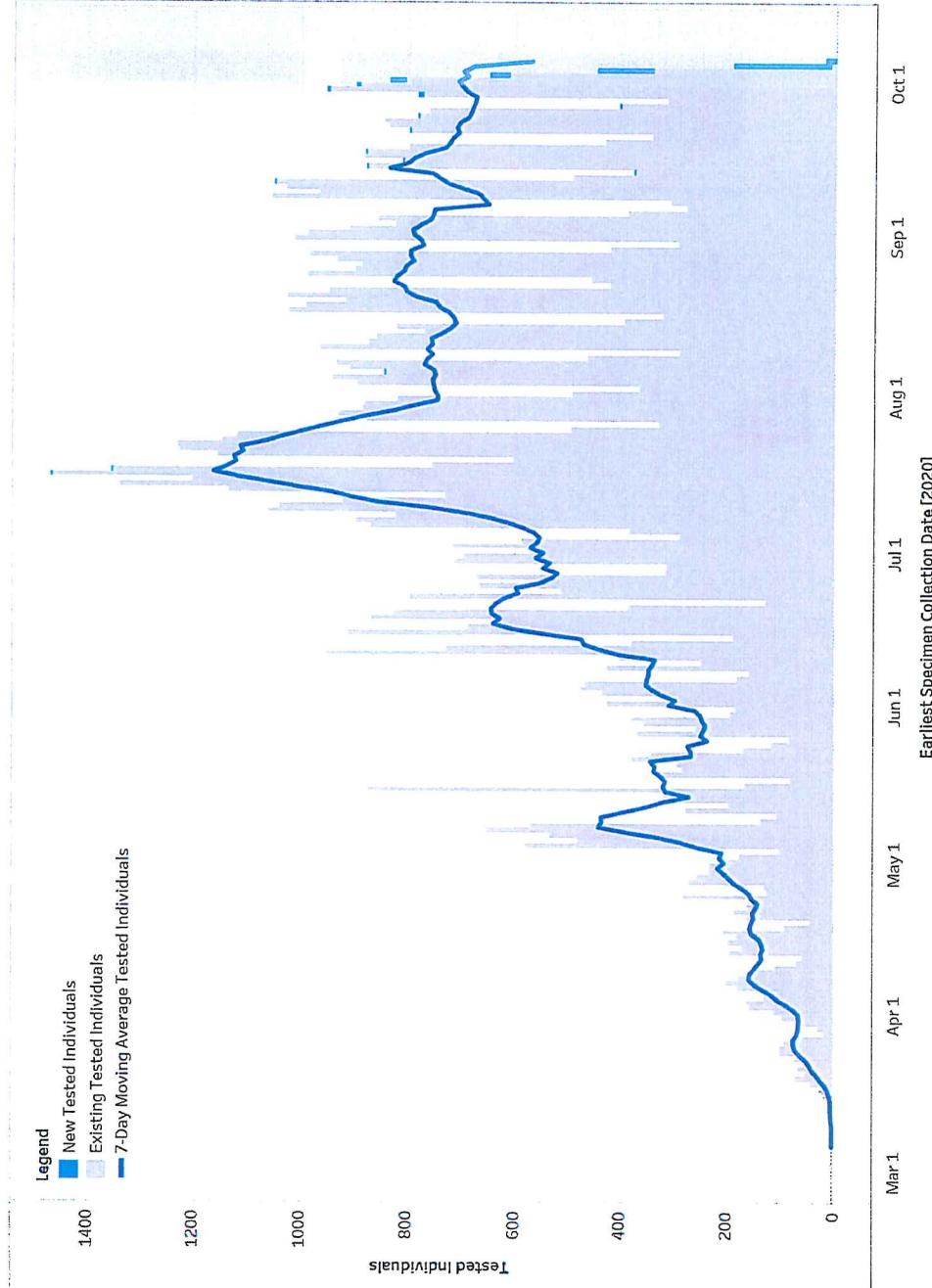
7 Day Average Test Positivity Rate by Age Group
All Tests Administered Methodology
Current Statewide All Tests 7 Day Average: 4.9%



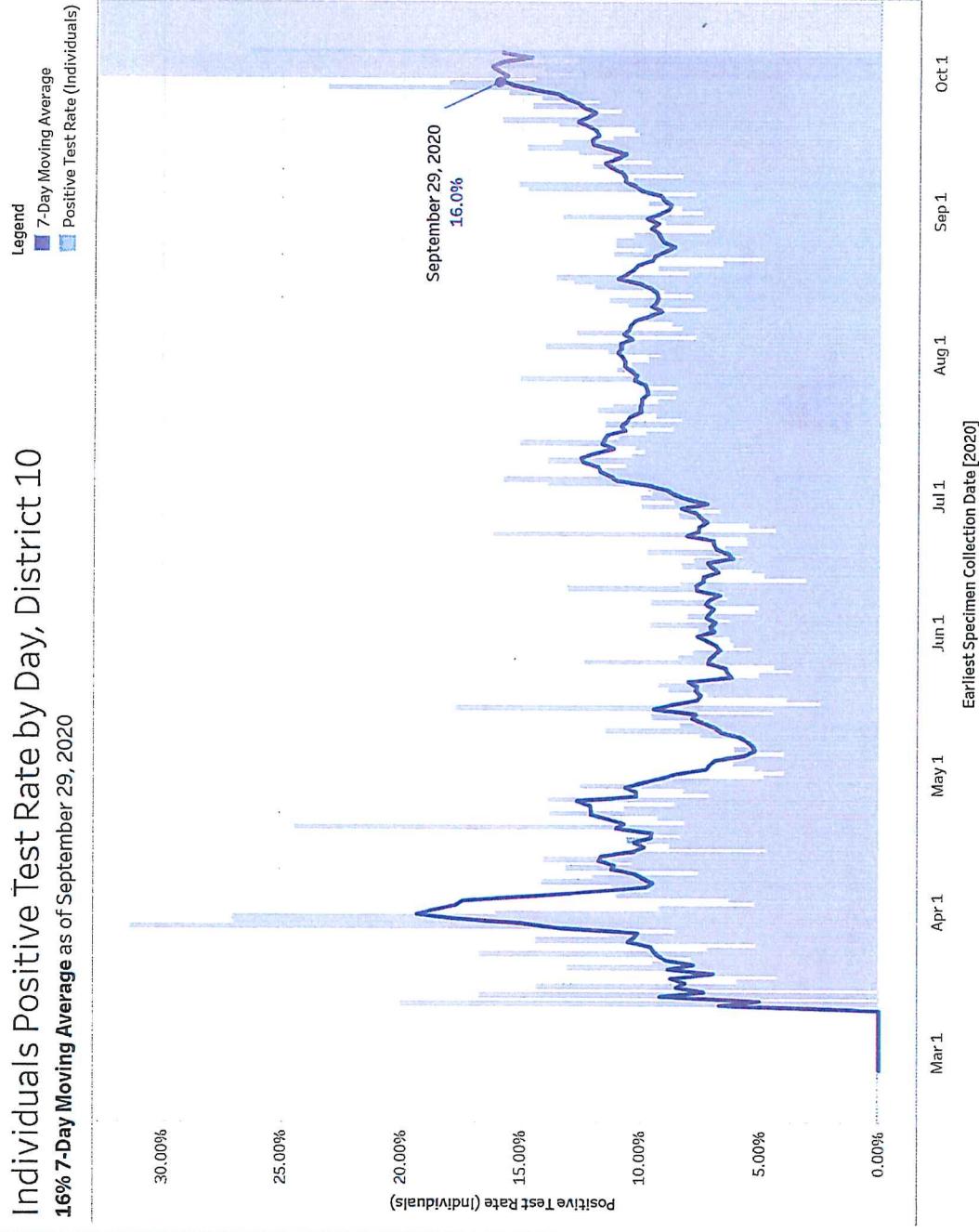
Tested Individuals by Day

The number of tested individuals per day has plateaued, suggesting that some individuals in District 10 are being tested multiple times.

105,834 Total Tested Individuals and 416 New Tested Individuals as of October 5, 2020 at 11:59 PM.



Tested Individuals Positive Test Rate by Day, District 10 16% 7-Day Moving Average as of September 29, 2020

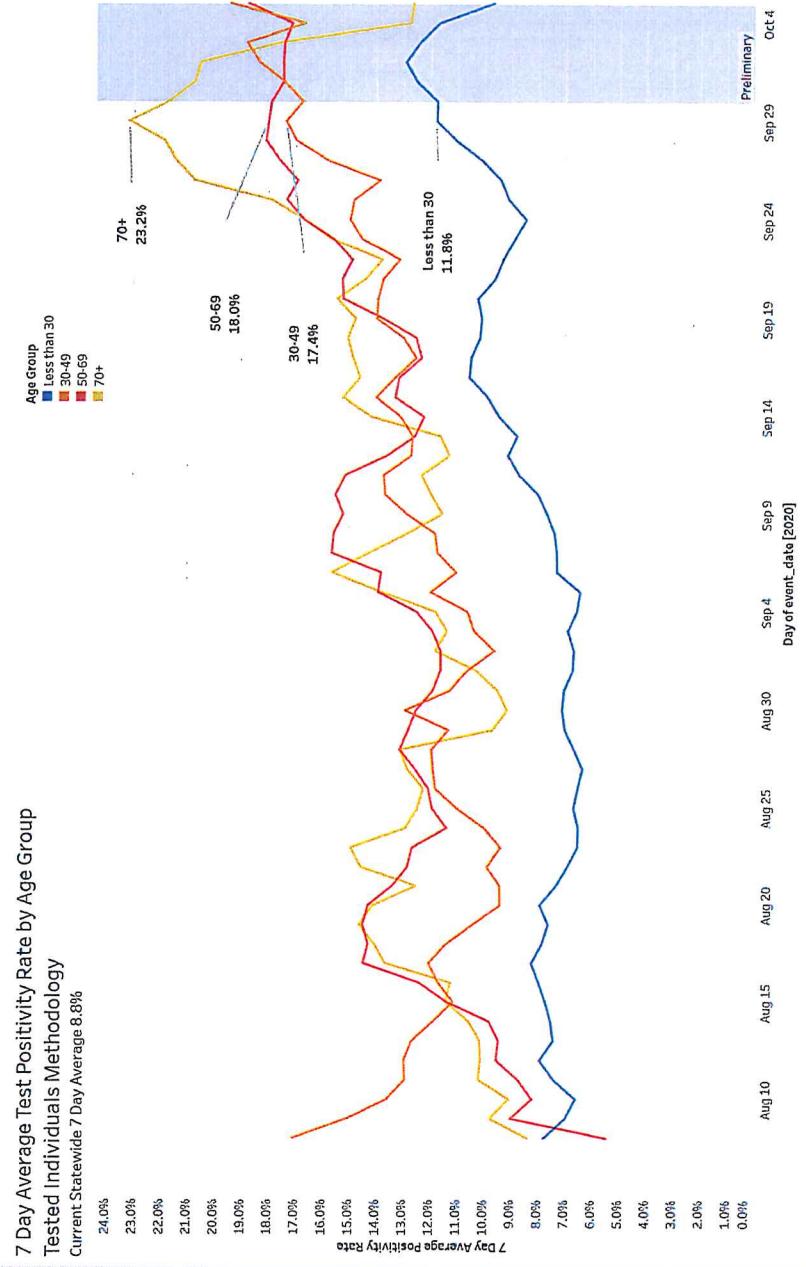


Tested Individuals Positive Test Rate by Day

The tested individuals positive test rate moving average is at a high of 16% and has been increasing steadily. The individual moving average was at its lowest on May 6 at 5.2%.

Tested Individuals Positive Test Rate by Age

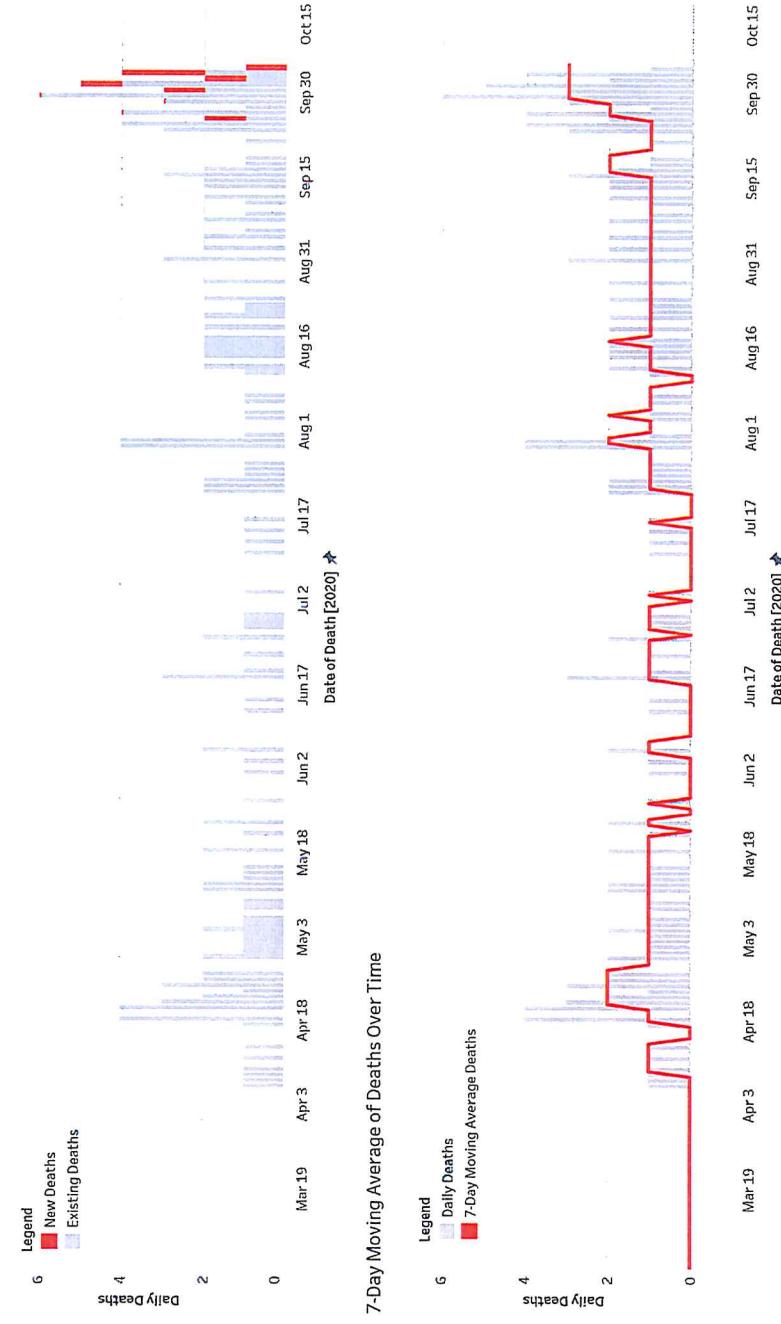
The tested individuals positive test rate has also increased for all age groups, though the less than 30 age group has seen the lowest positive test rate over time. The 70+ age group has the highest positivity rate, meaning that 70+ year olds who were tested for the first time over the past two weeks saw a significant increase in positivity compared to those tested earlier. All age groups are testing higher than the statewide 7-day average of 8.8%.



Deaths by Day

Deaths by day have also increased, particularly in the last three weeks.

Deaths by Day, District 10 181 Total Deaths and 7 New Deaths

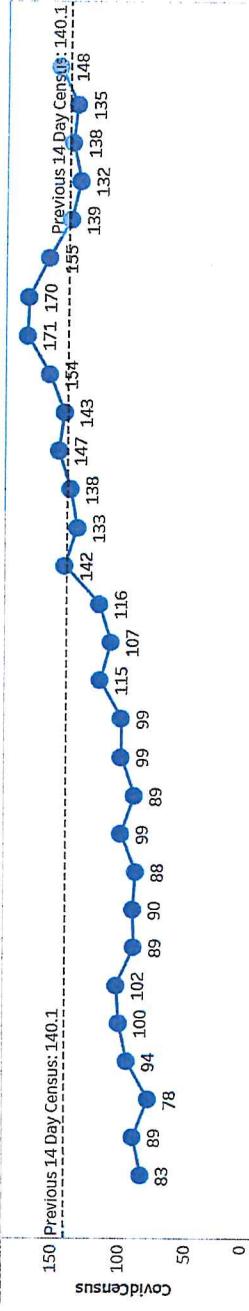


Hospital Census and Admissions

Hospital census and admissions have increased significantly over the past month and from the beginning of the pandemic. District 10 now has a hospital census about three times as large as in April, May, and June.

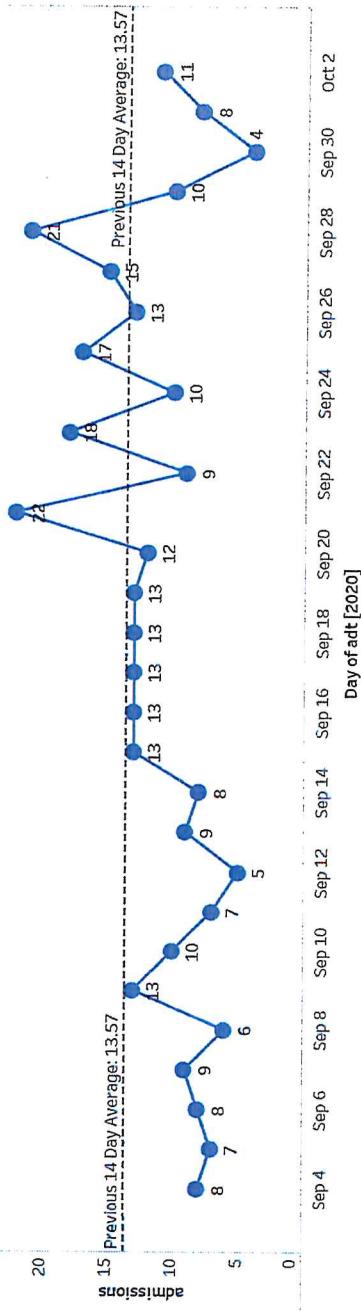
Hospitalizations and Census - District 10

COVID-19 and COVID-19 PUI Hospital Census by EM Resource Update
Data Last Updated on October 5th, at 10:00 PM



Number of Daily Inpatient Admissions for COVID-19 Patients.
Data Last Updated on July 28, at 10:00 AM

Data provided by the Regenstrief Institute. Data lagged 3 days from update time to allow for more complete admission data to be provided.



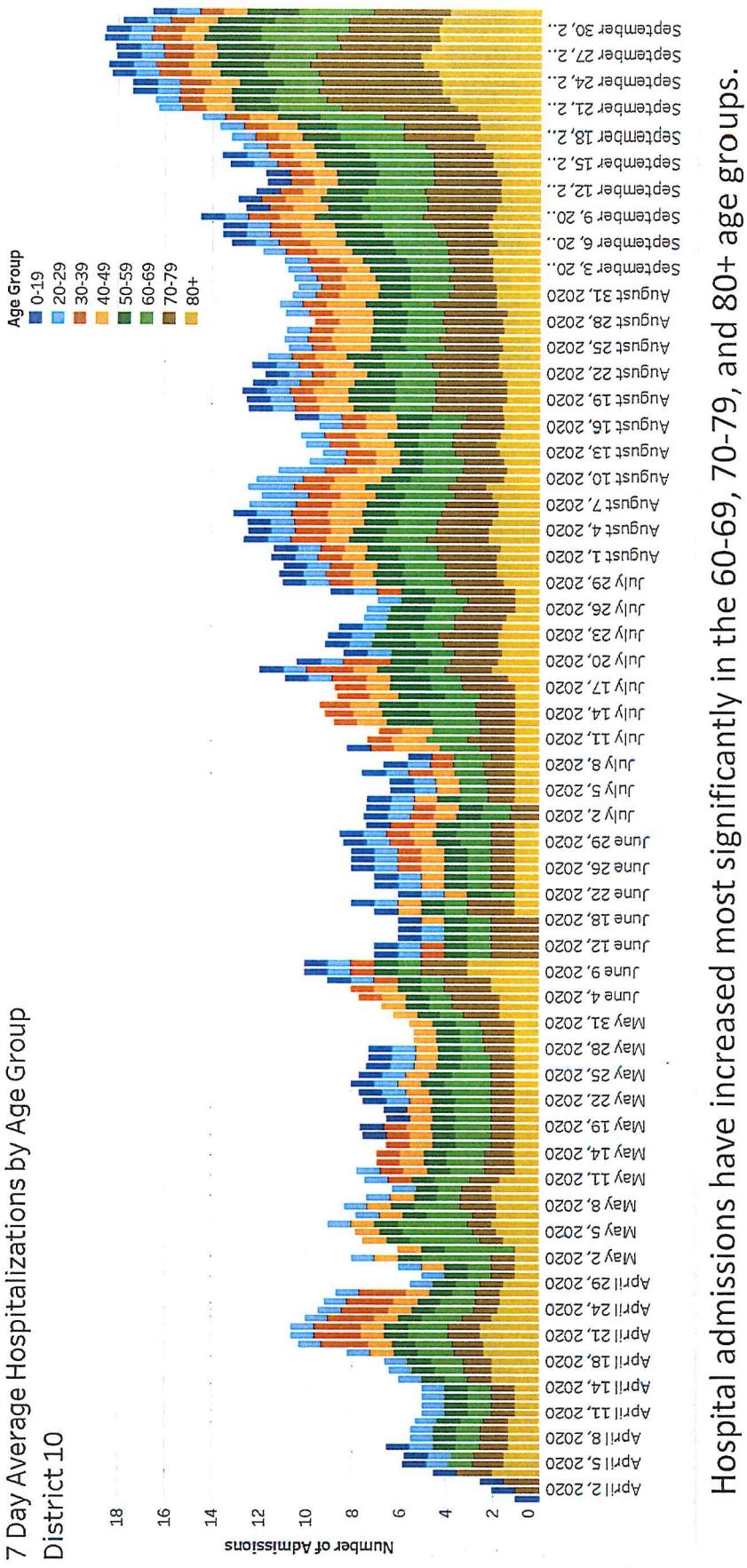
ICU Bed and Ventilator Availability

With large increases in the hospital census, ICU bed availability remains around 20% and ventilator availability hovers around 80%.



Hospital Admissions by Age

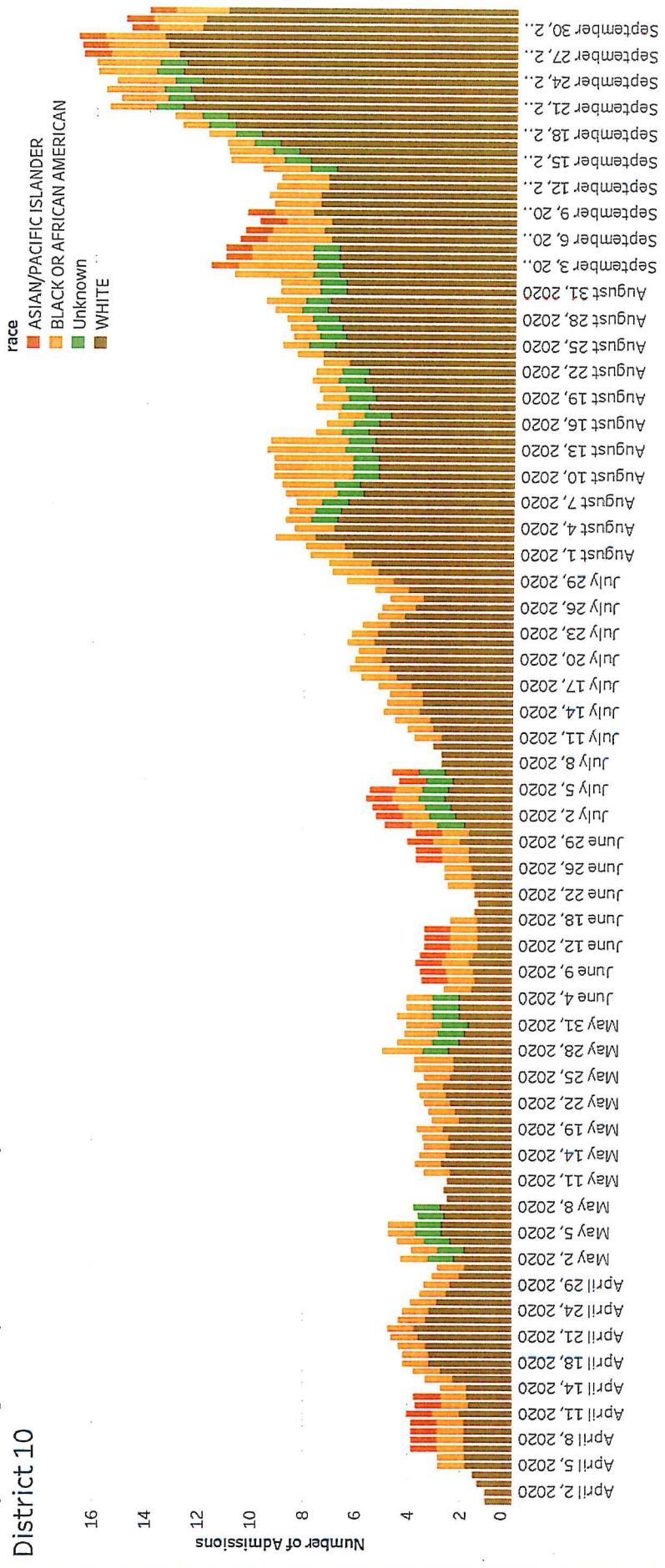
7 Day Average Hospitalizations by Age Group
District 10



Hospital admissions have increased most significantly in the 60-69, 70-79, and 80+ age groups.

Hospital Admissions by Race

7 Day Average Hospitalizations by Race
District 10



Syndromic Surveillance

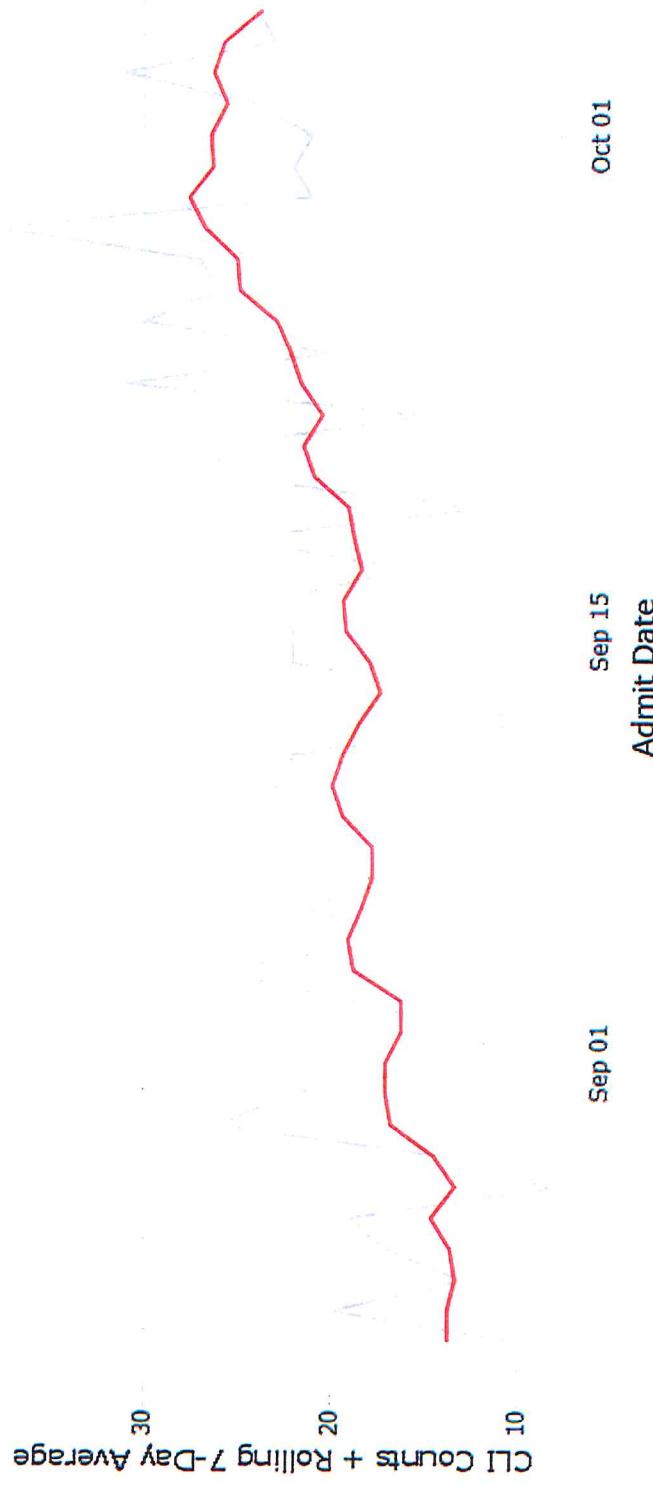
Syndromic Surveillance

Near real-time surveillance of emergency department admissions data
Syndrome definitions using combination of chief complaint and discharge diagnosis

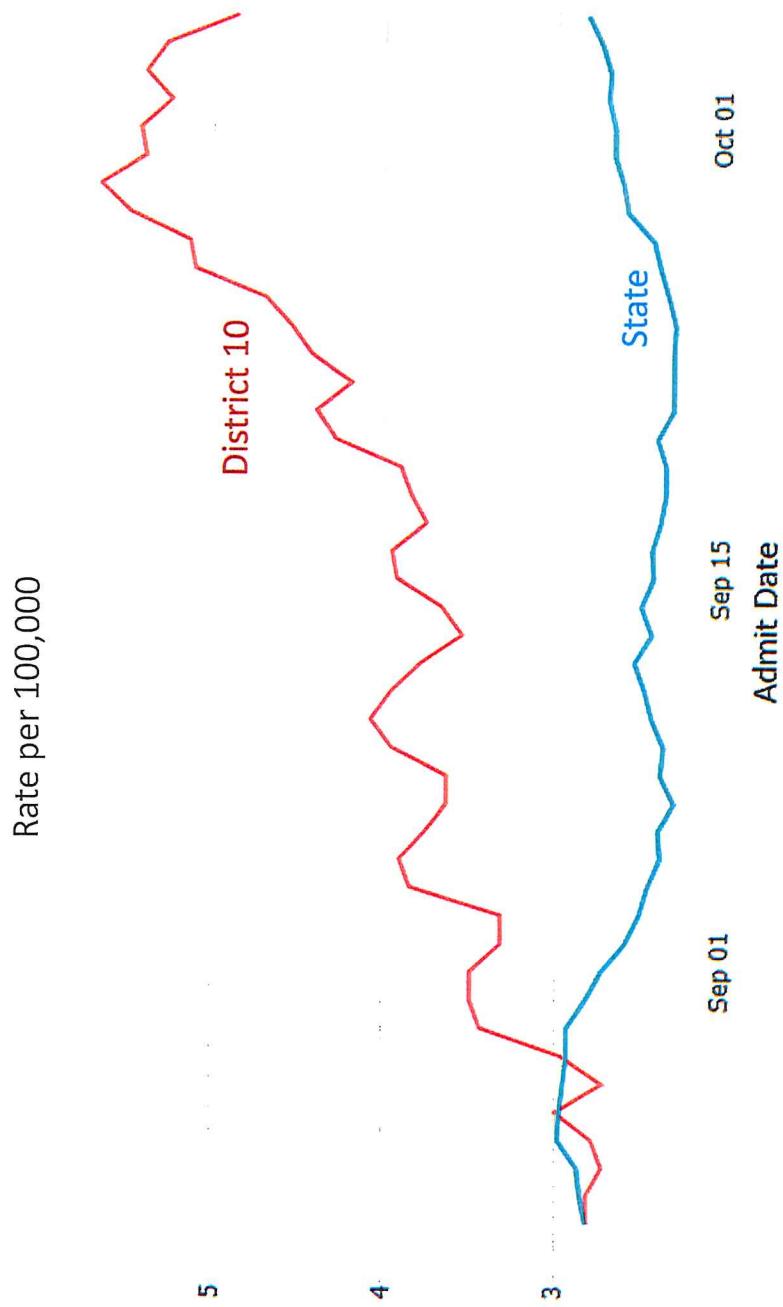
CLI: COVID-Like Illness

- ((fever and (cough or difficulty breathing or SOB or loss of taste/smell)) or "covid symptoms" or COVID-19 diagnosis code) and not influenza diagnosis code

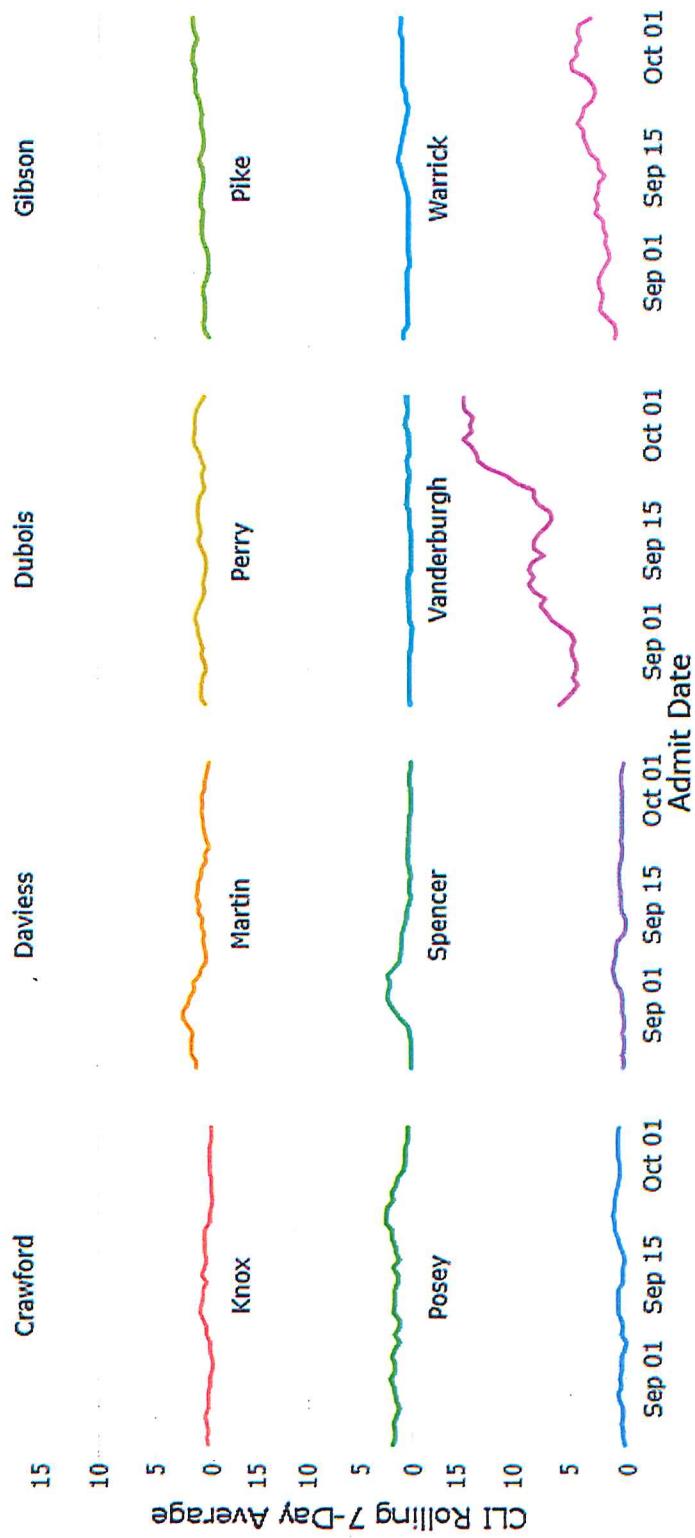
District 10 Syndromic Daily Activity – Last 6 Weeks



District 10 Syndromic Activity Week Compared to State

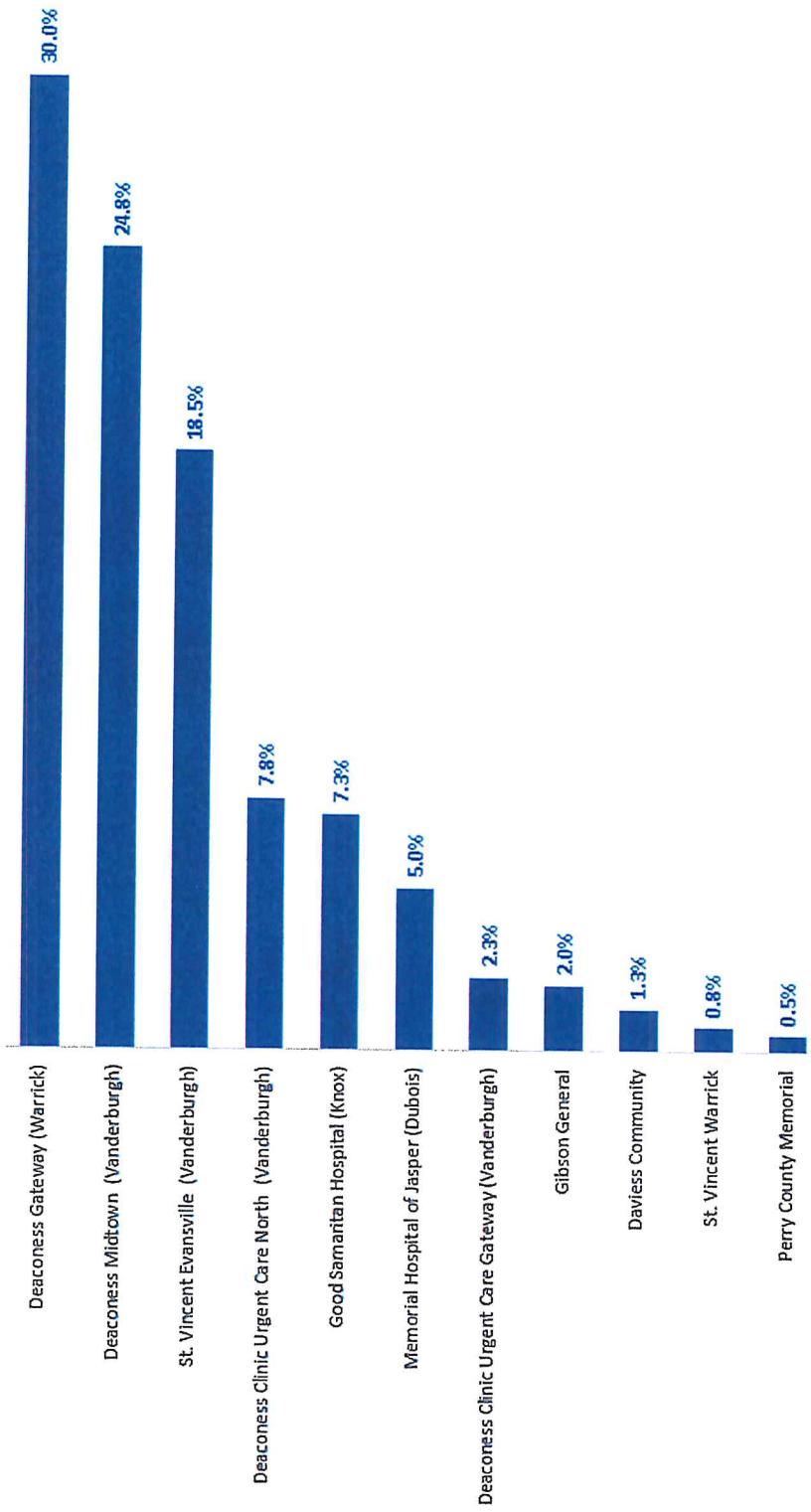


District 10 Syndromic Daily Activity by County



District 10 Facilities by Percent of District 10 Total CLI

September 22nd – October 5th



District 10 Exposure Locations

Location/Event Types for District 10

(14 days prior to symptom onset or positive specimen collection date from cases interviewed 9/21 to 10/5)

Location/Event Type	Count	Percent
Retail Stores	1424	36.5%
Restaurants	483	12.4%
Worship	254	6.5%
School - Sports	218	5.6%
School	206	5.3%
House Parties	157	4.0%
Healthcare	135	3.5%
Other	130	3.3%
Hair/Beauty/Tattoo	124	3.2%
Bars	118	3.0%
Vacation/Travel	114	2.9%
Gym	86	2.2%
Funeral	82	2.1%
Home Visitation	73	1.9%
Wedding	68	1.7%
Outdoor Activities	63	1.6%
Bank	44	1.1%
Party - Venue	36	0.9%
LTCF	31	0.8%
Bowling	23	0.6%
Golfing	19	0.5%
Festival	15	0.4%
Grand Total	3903	

Location/Event Type Definitions

- **School – Sports:** school-based sports events; such as practice, games, meets, or tournaments
- **School:** School attendance
- **House Parties:** Home gatherings for an event such as dinner or birthday party
- **Home Visitation:** PUI visits a home or persons visits the PUI and not a house gathering
- **Outdoor Activities:** Includes activities such as camping, hiking, running, fishing, etc.
- **Party – Venue:** Are non-wedding parties outside of a home

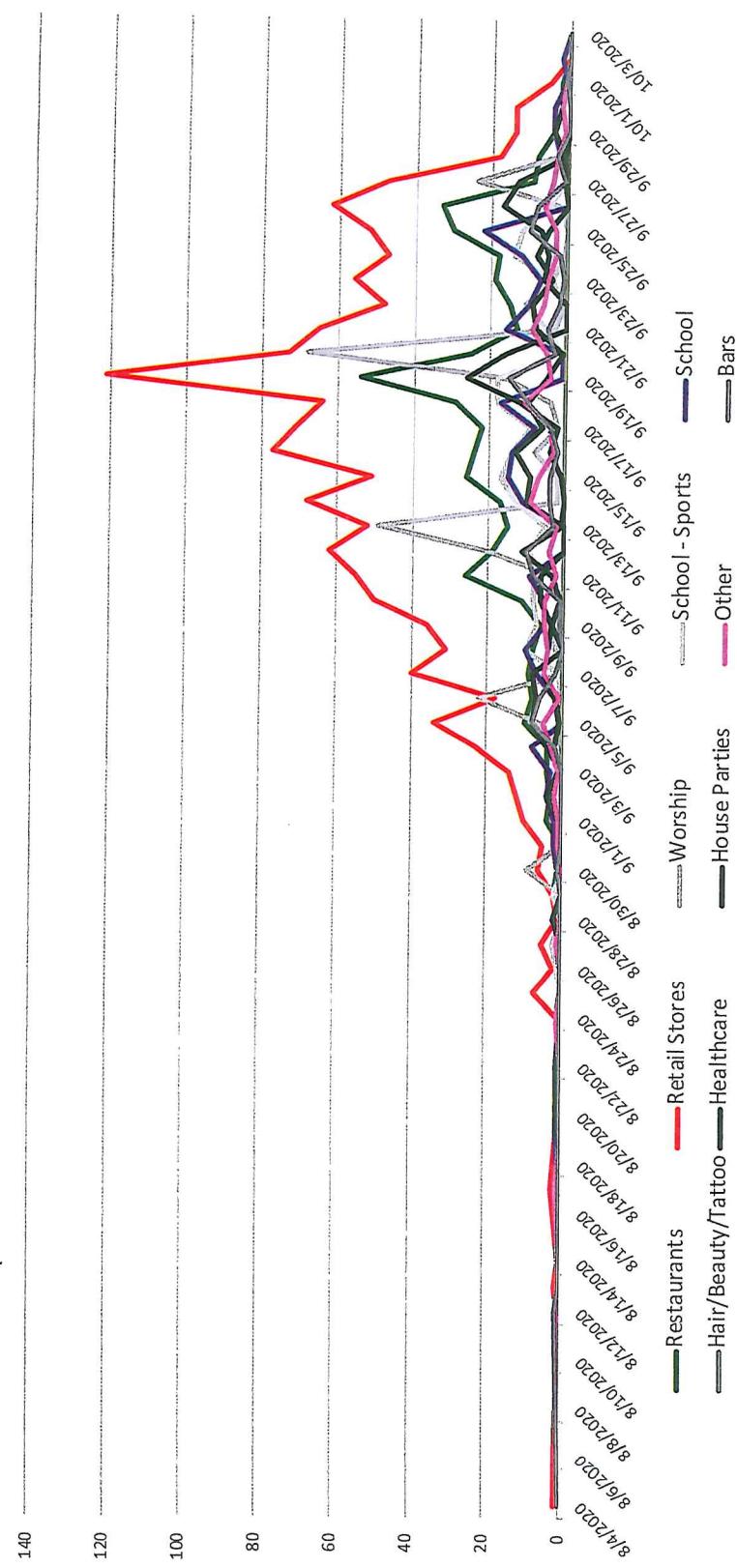
Top Non-Retail Locations Mentioned By District 10

(14 days prior to symptom onset or positive specimen collection date)

Place Name	City	Count
High School	Evansville	39
Funeral Home	Evansville	37
Institute of Higher Education	Evansville	28
High School	Poseyville	20
Bowling Alley	Evansville	18
Worship Center	Evansville	18
High School	Boonville	16
Community Center	Celestine	14
High School	Petersburg	14
Restaurant or Bar	Evansville	12

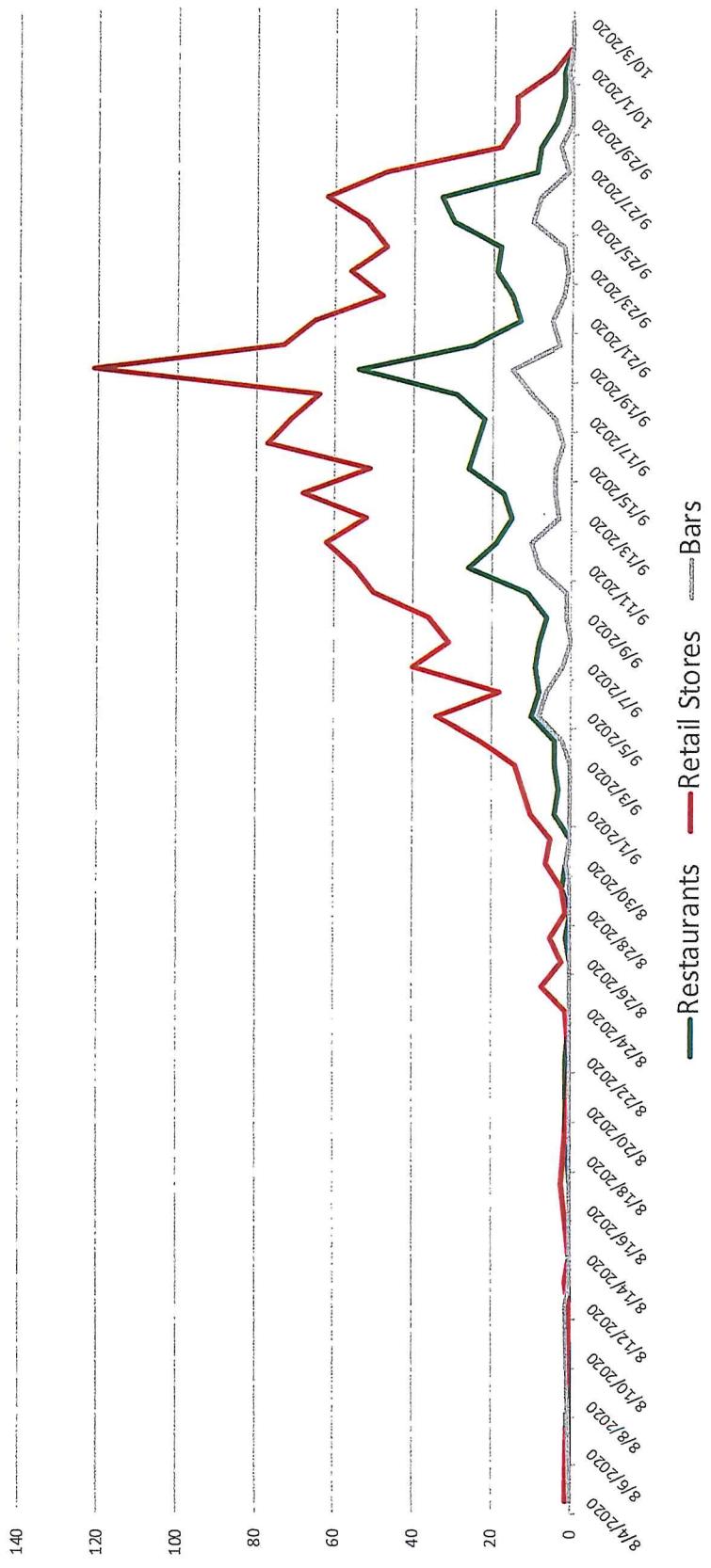
District 10 Location/Event Types Over Time

Top 10 exposure location types. The decrease of cases over time is likely due to lag between case exposure and interview.



District 10 Location/Event Types Over Time

The decrease of cases over time is likely due to lag between case exposure and interview.



School Sports Clusters

High School Volleyball Team - Evansville

- 11 cases associated with 7 volleyball games from 9/8 – 9/16
- Several cases reported on opponents' teams

High School Football Team – Poseyville

- 8 cases associated with 2 football games

Funeral Clusters

Funeral Home in Evansville: 9/20 – 9/22

- 26 cases associated with a 3-day funeral

Worship Center Funeral in Evansville: 9/23

- 8 cases associated

Funeral Home in Evansville: 9/11

- 4 cases associated

Wedding Clusters

Community Center: 9/19

- 15 cases in a 150-200 person wedding

Worship Center: 9/19

- 6 cases in 150-200 person wedding

Country Club: 9/19

- 4 cases at an outdoor/indoor wedding

Community Center: 9/12

- 3 cases

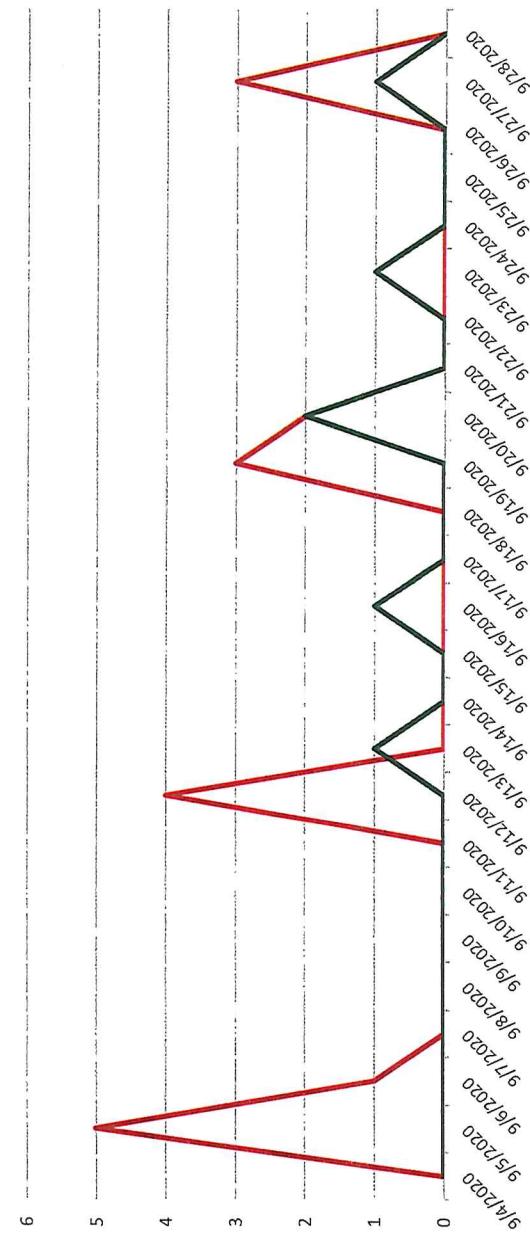
Worship Center Clusters

Church in Evansville: 9/5 – 9/27 (red below)

- 17 cases spread throughout several weeks

Church in Evansville: 9/13 – 9/27 (green below)

- 5 cases spread throughout several weeks



Bar Clusters

Bar in Evansville: 9/19

- 7 cases

Bar in Evansville: 9/18 - 19

- 3 cases on 9/18 and 3 cases on 9/19

Other Types of Clusters

Bowling Alley in Evansville: 9/23

- 13 cases associated with a bowling league

Fair in New Harmony: 9/26

- 7 cases associated with an outdoor fair