Greater Cincinnati COVID-19 Situational Awareness[*]

July 08, 2022

CDC COVID-19 Community Levels

Community Levels

Low   Medium   High

COVID-19 cases per 100,000 population

Low: 0-10   Moderate: 10-50   Substantial: 50-100   High: 100-200   Upper Threshold: >200
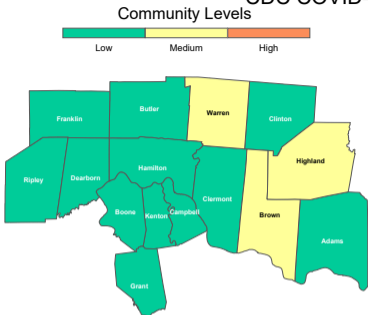
At **low** community levels you should:

Stay up to date with COVID-19 vaccines

Get tested if you have symptoms

In addition at **medium** community levels you should:

Talk to your healthcare provider about whether you need to wear a mask and take other precautions if you're at high risk for severe illness
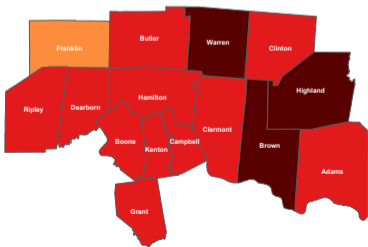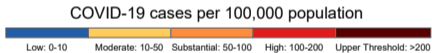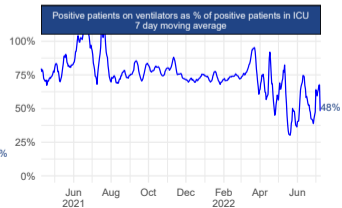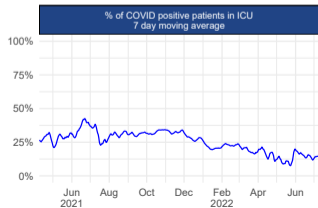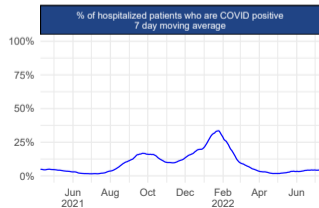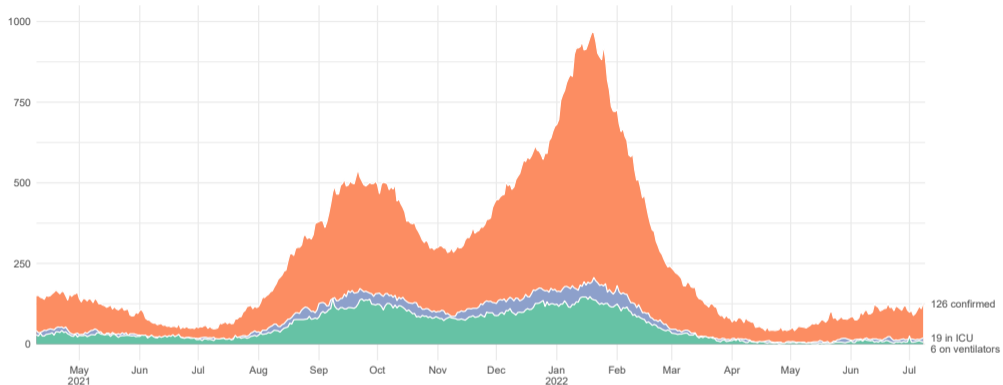
Components of COVID-19 Community Levels
Counties grouped by Health Service Area (HSA)

COUNTY	LEVEL	CASES PER 100K POP IN COUNTY	ADMITS PER 100K POP IN HSA	% BEDS WITH COVID PATIENTS IN HSA
Dearborn County, IN	Low	155	4.8	3.6
Ripley County, IN	Low	120	4.8	3.6
Franklin County, IN	Low	74	8.8	3.3
Adams County, OH	Low	169	8.8	3.3
Brown County, OH	Medium	200	8.8	3.3
Butler County, OH	Low	166	8.8	3.3
Clermont County, OH	Low	174	8.8	3.3
Hamilton County, OH	Low	168	8.8	3.3
Warren County, OH	Medium	200	8.8	3.3
Clinton County, OH	Low	121	7	2.2
Highland County, OH	Medium	261	7	2.2
Boone County, KY	Low	166	5	7.4
Campbell County, KY	Low	165	5	7.4
Grant County, KY	Low	135	5	7.4
Kenton County, KY	Low	149	5	7.4

Source: CDC calculated COVID-19 Community Levels on July 07, 2022. Values reported by the individual states or counties may differ from those reported by the CDC. For more details on the CDC calculation see: https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html

Number of COVID positive patients in Region 6 hospitals

126 confirmed
19 in ICU
6 on ventilators

% of hospitalized patients who are COVID positive 7 day moving average	% of COVID positive patients in ICU 7 day moving average	Positive patients on ventilators as % of positive patients in ICU 7 day moving average
4%	14%	48%

Trends in the number of patients positive for COVID-19 in Southwestern Ohio hospitals

Patients in hospitals

Given the trend we expect daily values in this shaded range. When a change is signaled the trend is recalculated
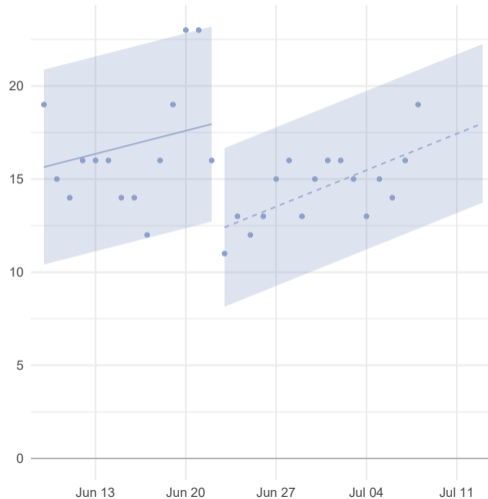

Patients in ICUs

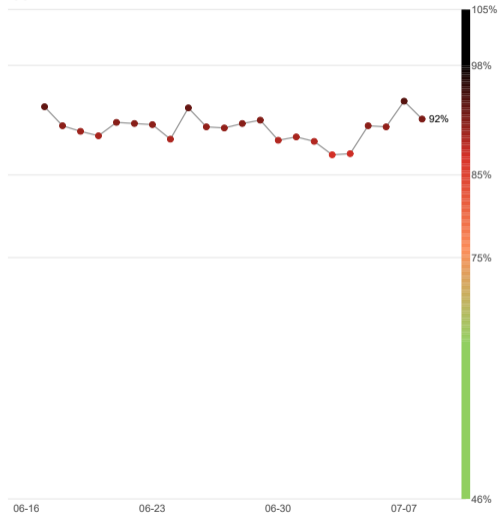Dashed line indicates a temporary centerline that will change over time. Source: Ohio Hospital Association Hospital Resource Tracker on July 8th
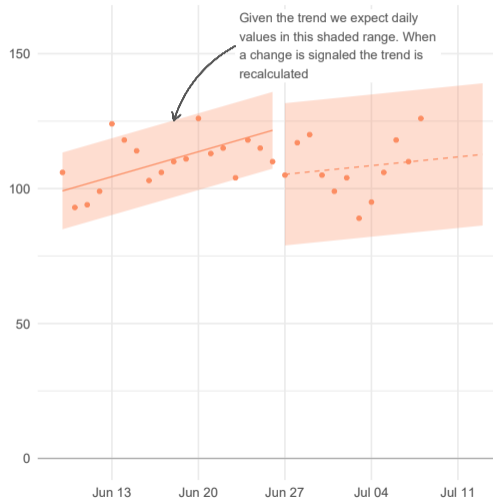
Percentage of adult beds occupied in the Greater Cincinnati Area
Upper limit reflects currently staffable beds in the area including those beyond the region's normal capacity

ICU beds

Medical-Surgical beds
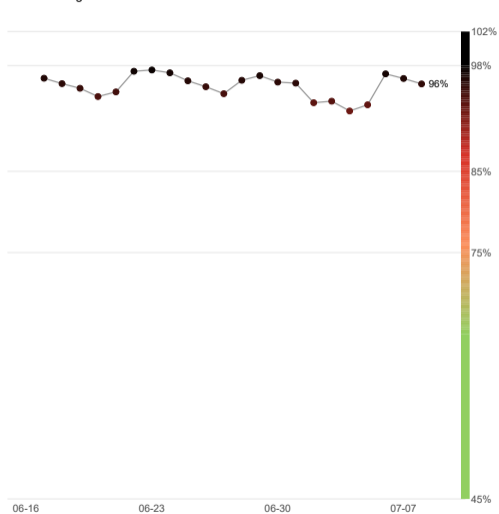
Legend:
- Usual operations and staffing
- Mild to moderate staffing strain; staff managing higher than usual patient volumes
- Moderate to extreme staffing strain; staff pulled from other areas to manage care outside usual scope
- Critical operations, "all hands on deck", greatest good provided to the greatest number of patients

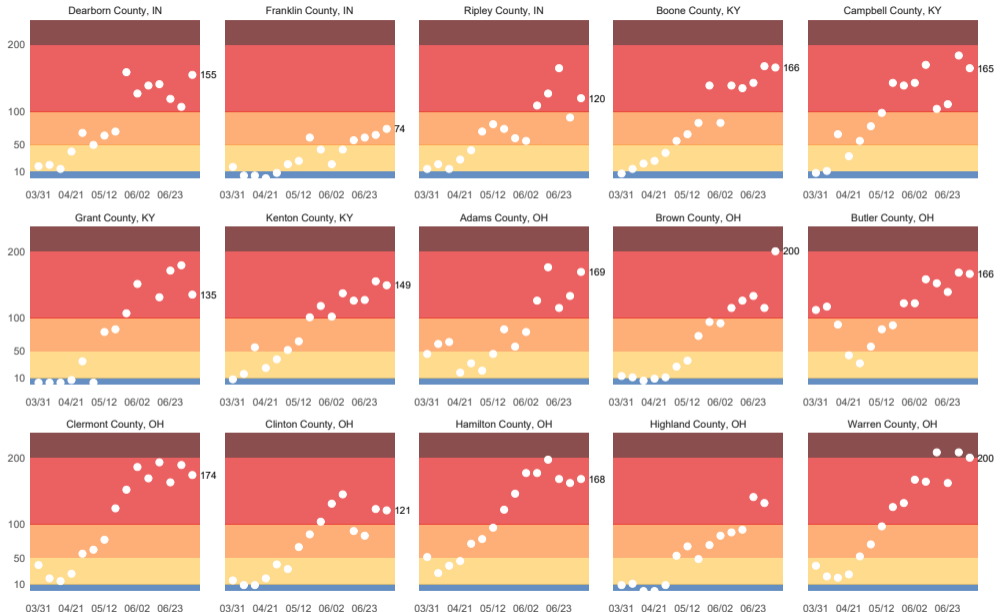## Seven day sum of new Covid cases per 100,000 people in each county with CDC Level of Transmission

Colors indicate CDC Level of Transmission: Low (0-9.99); Moderate (10.00-49.99); Substantial (50.00-99.99); and High (greater than or equal to 100.00). The Community Level indicator from the CDC uses the cutoff of 200 cases per 100k
Source: CDC. COVID-19 Community Levels were calculated on July 07, 2022. Values reported by the individual states or counties may differ from those reported by the CDC. For more details on the CDC calculation see: https://www.cdc.

Seven day sum of new Covid-19 cases by onset date per 100,000 by age group in Southwestern Ohio
Label indicates highest seven day moving average in the last two weeks, preliminary data should be considered a floor for the eventual case count

Preliminary counts   More than two weeks out

Source: ODH COVID-19 Dashboard updated on 07/07/2022. Population estimates from US Census Population Estimates Program, Vintage 2019

There have been 5,093 deaths due to COVID-19 in Southwestern Ohio

Seven day moving average of COVID-19 deaths. Reports of deaths tend to lag 1-2 months
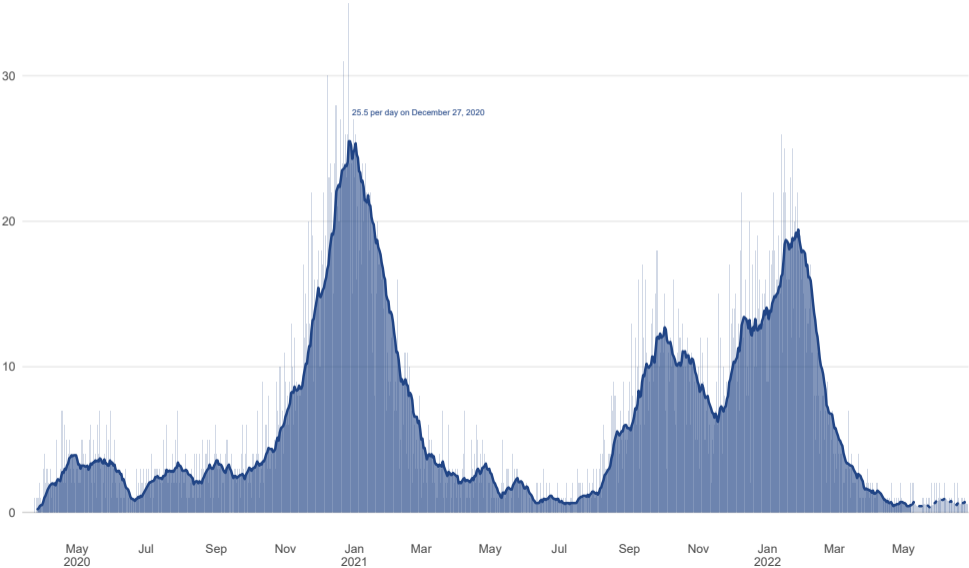
25.5 per day on December 27, 2020

Percentage of test results returned positive in 14 county region
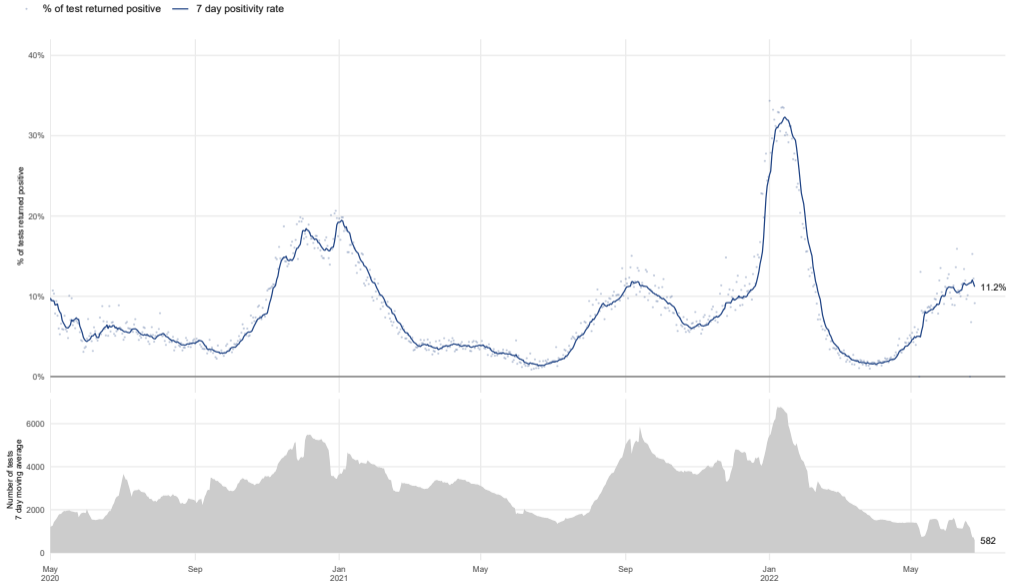
· % of test returned positive — 7 day positivity rate

11.2%

582

Percentage of test results returned positive by age of patient for 14 county area

- % of test returned positive — 7 day positivity rate

0-4

5-17

18-24

25-29

30-39

40-49

Source: The Health Collaborative data as of 07/08/2022. Most recent 3 days highly subject to change.
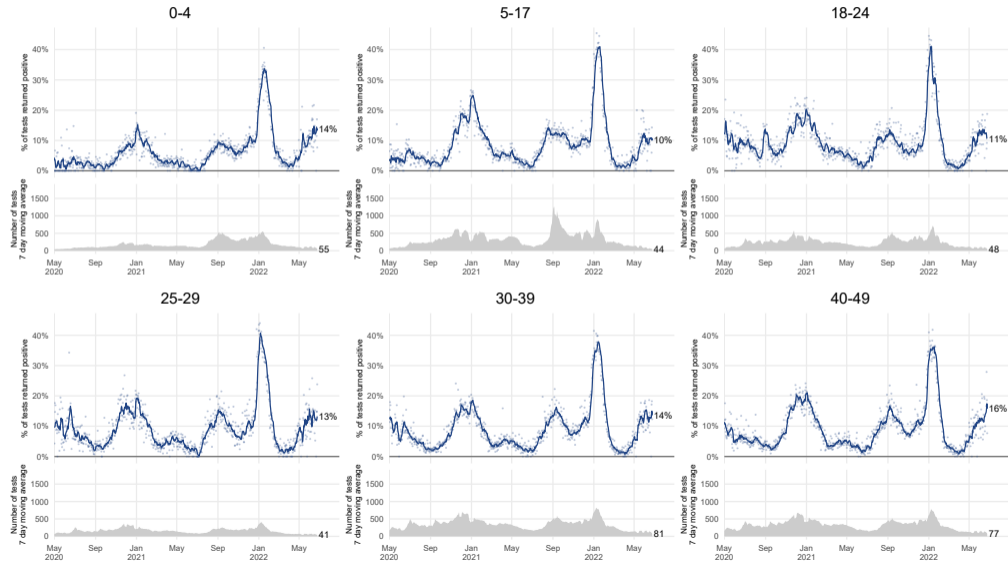
Percentage of test results returned positive by age of patient for 14 county area

· % of test returned positive —— 7 day positivity rate

50-59
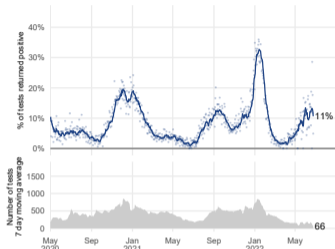
60-69
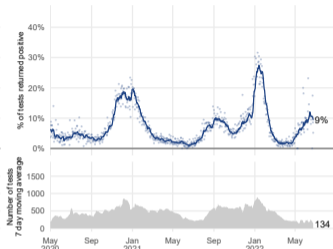
70-79
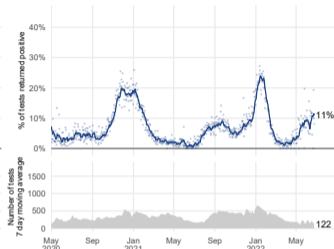
80-89
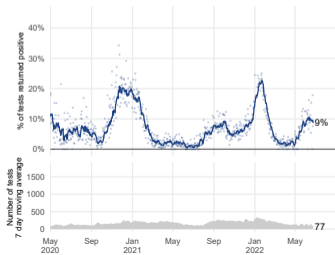
How are we doing getting people vaccinated against COVID-19?

Percentage of the total population that have completed a vaccine series

Total Region: 60%, Adams: 36%, Brown: 42%, Butler: 57%, Clermont: 58%, Clinton: 50%, Hamilton: 63%, Highland: 38%, Warren: 65% — Southwestern Ohio

Boone: 63%, Campbell: 65%, Grant: 50%, Kenton: 61% — Northern Kentucky

Dearborn: 64%, Franklin: 39%, Ripley: 49% — Southeastern Indiana

Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of July 06, 2022. On October 28th duplicate vaccinations were removed from the Kentucky data by the CDC causing a decrease in the rate.

What is the COVID-19 vaccination rate in the entire population (all ages) over time?
Percentage of the total population with vaccines **started**, **completed**, and with **booster**

Adams County, Ohio, Population: 27,698
10,980 9,853 4,169
40%
36%
15%

Brown County, Ohio, Population: 43,432
19,404 18,052 8,417
45%
42%
19%

Butler County, Ohio, Population: 383,134
237,095 220,320 107,746
62%
57%
28%

Clermont County, Ohio, Population: 206,428
127,214 119,015 60,123
62%
58%
29%

Clinton County, Ohio, Population: 41,968
22,619 20,823 9,777
54%
50%
23%

Hamilton County, Ohio, Population: 817,473
564,408 516,223 270,504
69%
63%
33%

Highland County, Ohio, Population: 43,161
17,894 16,518 7,582
42%
38%
18%

Warren County, Ohio, Population: 234,602
163,360 153,499 83,211
70%
65%
35%

Boone County, Kentucky, Population: 133,581
95,995 84,113 38,592
72%
63%
29%

Campbell County, Kentucky, Population: 93,584
69,925 60,465 28,634
75%
65%
31%

Grant County, Kentucky, Population: 25,069
13,540 12,438 5,681
54%
50%
23%

Kenton County, Kentucky, Population: 166,998
117,219 102,426 48,068
70%
61%
29%

Dearborn County, Indiana, Population: 49,458
35,618 31,540 13,570
72%
64%
27%

Franklin County, Indiana, Population: 22,758
10,049 8,888 3,854
44%
39%
17%

Ripley County, Indiana, Population: 28,324
15,315 14,001 6,734
54%
49%
24%

Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of July 06, 2022. On October 28th duplicate vaccinations were removed from the Kentucky data by the CDC causing a decrease in the rate.
Large one day increases are likely due to updates and corrections to the data and not to an increase in vaccines given on that day.

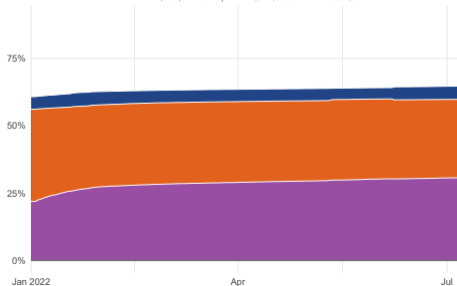# Percentage of the total population with vaccines started, completed, and with booster

Northern Kentucky, Population: 419,232
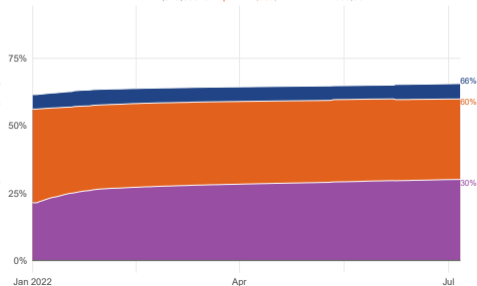Started: 296,679 Completed: 259,442 Booster: 120,975

71%
62%
29%
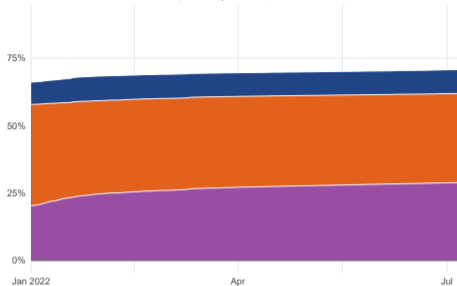
Southeastern Indiana, Population: 100,540
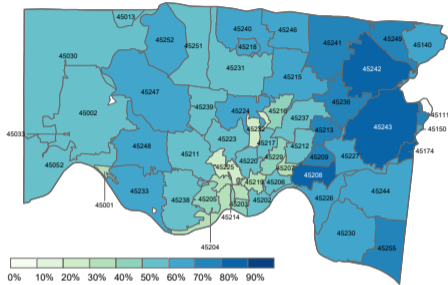Started: 60,982 Completed: 54,429 Booster: 24,158

61%
54%
24%
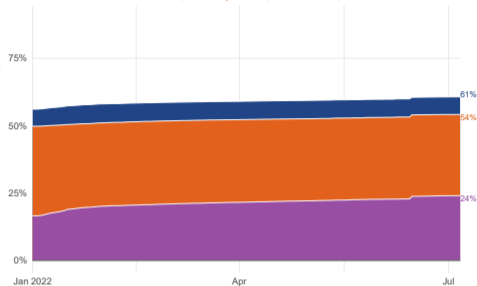
Southwestern Ohio, Population: 1,797,896
Started: 1,162,974 Completed: 1,074,303 Booster: 551,529

65%
60%
31%

Total Region, Population: 2,317,668
Started: 1,520,635 Completed: 1,388,174 Booster: 696,662

66%
60%
30%

Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of July 06, 2022. On October 28th duplicate vaccinations were removed from the Kentucky data by the CDC causing a decrease in the rate.

% of total population that has completed a vaccine series

% of population ages 5-17 that has completed a vaccine series
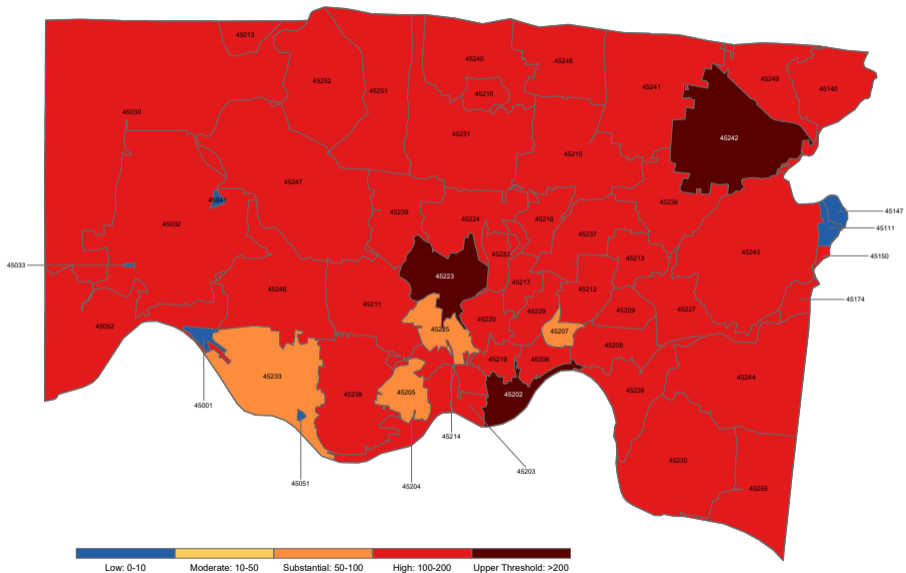
0% 10% 20% 30% 40% 50% 60% 70% 80% 90%
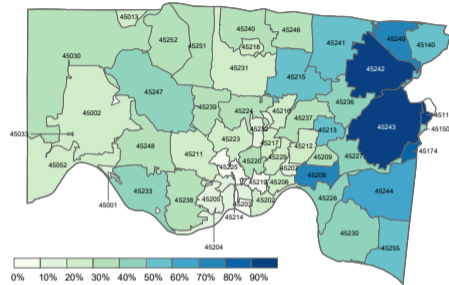
Distribution of % of total population vaccinated in ZIP codes
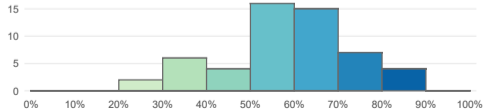
Distribution of % of 5-17 year olds vaccinated in ZIP codes

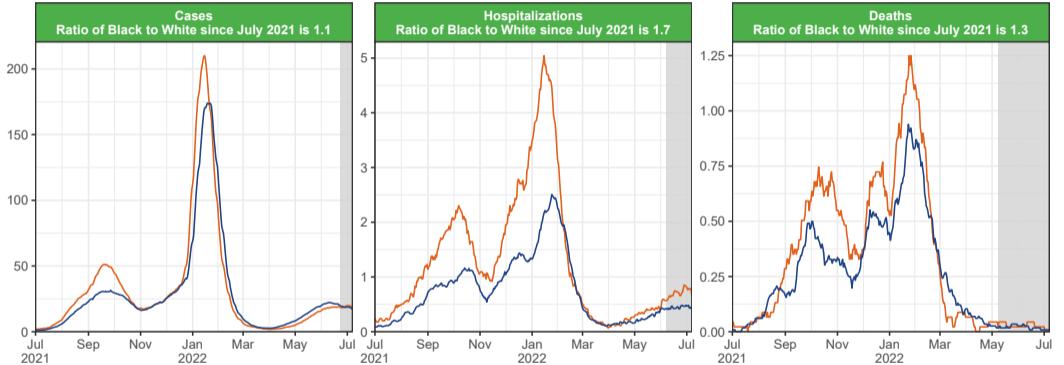Source: Ohio Department of Health. Vaccinations given through 2022-07-07
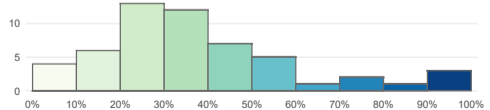
COVID-19 cases per 100,000 population by zip code over 7 days

Low: 0-10 Moderate: 10-50 Substantial: 50-100 High: 100-200 Upper Threshold: >200

Source: Ohio Department of Health downloaded on July 08, 2022, data updates each Thursday.
ODH reports cases by zip code over the last 14 days, this is divided by 2 to scale to the CDC 7 day transmission levels

Hamilton County 21 day moving average per 100,000 for **Black** and **White** populations

Cases	Hospitalizations	Deaths
Ratio of Black to White since July 2021 is 1.1	Ratio of Black to White since July 2021 is 1.7	Ratio of Black to White since July 2021 is 1.3

Note: The Y axis is different for each plot. Grey shading indicates provisional data that is likely to change. Source: ODH Dashboard data updated on 2022-07-07