Greater Cincinnati COVID-19 Situational Awareness*

May 15, 2022

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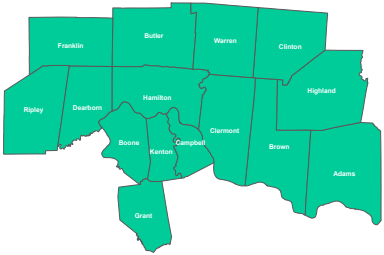
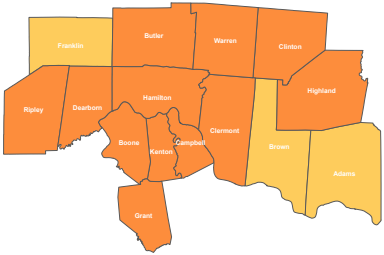
Community Levels

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

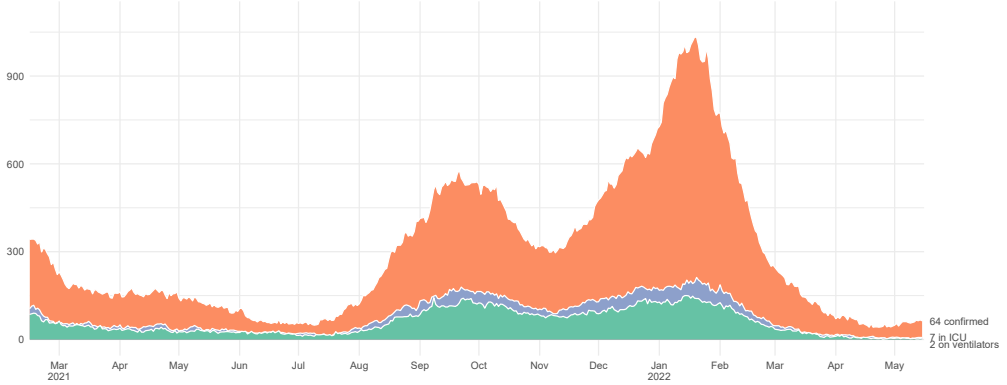
Get tested if you have symptoms

COVID-19 Community Levels

COUNTY	LEVEL	CASES PER 100K	ADMITS PER 100K	% BEDS OCCUPIED
Dearborn County, IN	Low	64	2.1	1.4
Franklin County, IN	Low	26	4.1	1.8
Ripley County, IN	Low	81	2.1	1.4
Boone County, KY	Low	66	1.8	1.3
Campbell County, KY	Low	98	1.8	1.3
Grant County, KY	Low	79	1.8	1.3
Kenton County, KY	Low	65	1.8	1.3
Adams County, OH	Low	46	4.1	1.8
Brown County, OH	Low	36	4.1	1.8
Butler County, OH	Low	83	4.1	1.8
Clermont County, OH	Low	77	4.1	1.8
Clinton County, OH	Low	66	2.3	2
Hamilton County, OH	Low	95	4.1	1.8
Highland County, OH	Low	67	2.3	2
Warren County, OH	Low	97	4.1	1.8

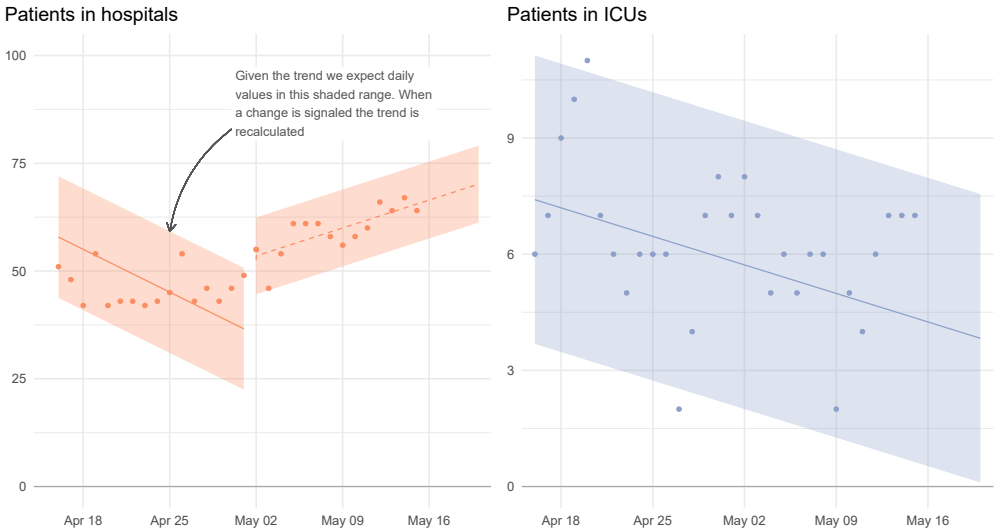
Source: CDC. COVID-19 Community Levels were calculated on May 12, 2022. Values reported by the individual states or counties may differ from those reported by the CDC. For more details on the CDC calculation see: https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html

Number of COVID positive patients in Region 6 hospitals



Source: Ohio Hospital Association Hospital Resource Tracker on May 15th

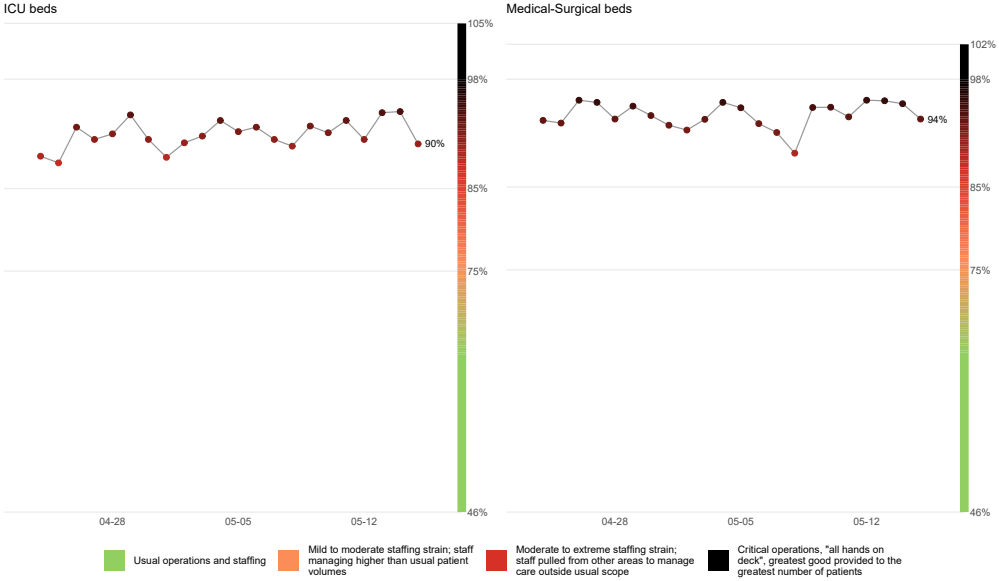
Trends in the number of patients positive for COVID-19 in Southwestern Ohio hospitals



Dashed line indicates a temporary centerline that will change over time. Source: Ohio Hospital Association Hospital Resource Tracker on May 15th

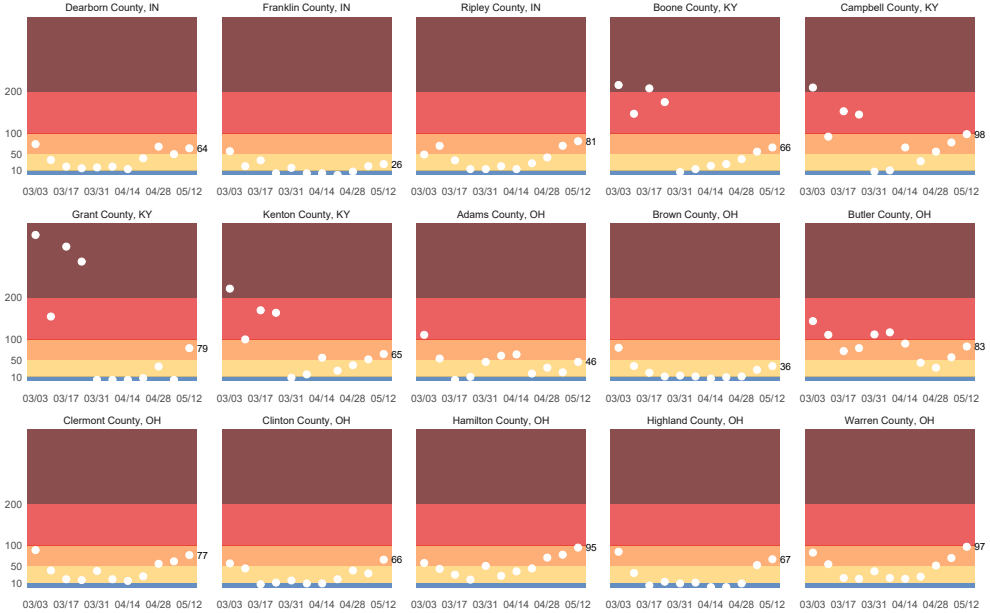
Percentage of adult beds occupied in the Greater Cincinnati Area

Upper limit reflects currently staffable beds in the area including those beyond the region's normal capacity



Source: Surgenet data as of May 15th, 2022 at 15:32. Includes data from all regional acute care hospitals.

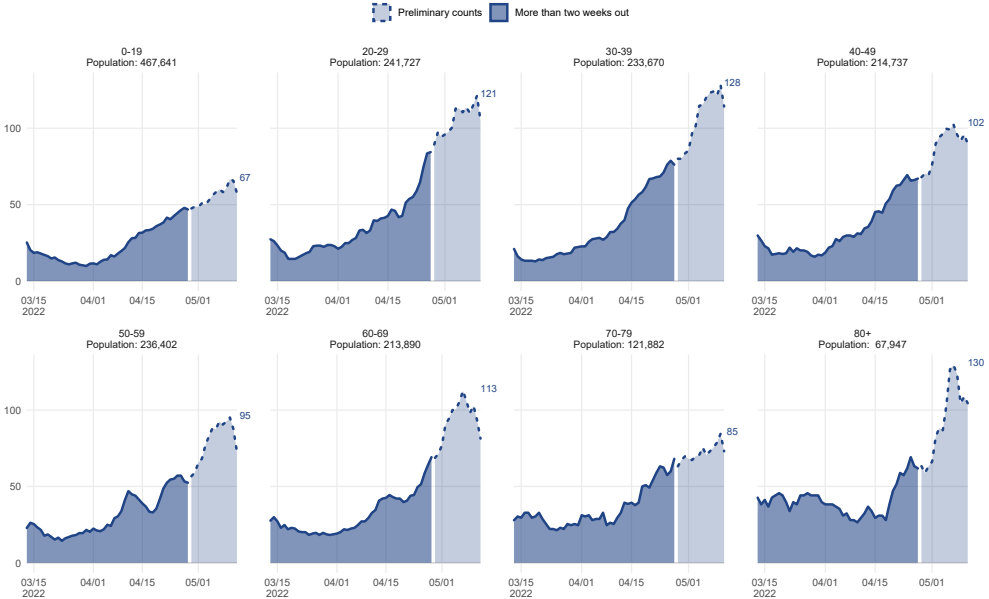
Seven day sum of new Covid cases per 100,000 people in each county with CDC Level of Transmission



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 May 12, 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

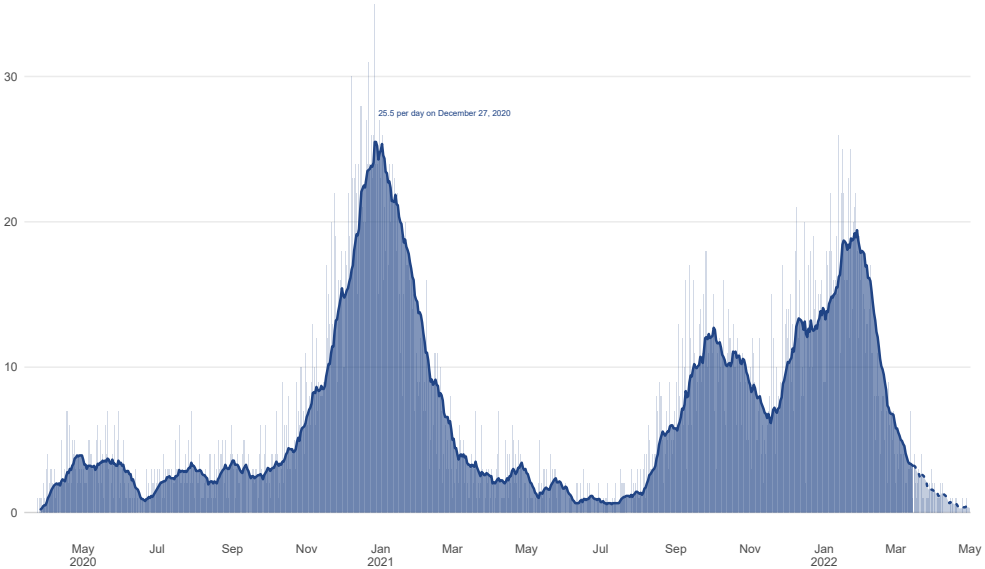
Label indicates highest seven day moving average in the last two weeks, preliminary data should be considered a floor for the eventual case count



Source: ODH COVID-19 Dashboard updated on 05/12/2022. Population estimates from US Census Population Estimates Program, Vintage 2019

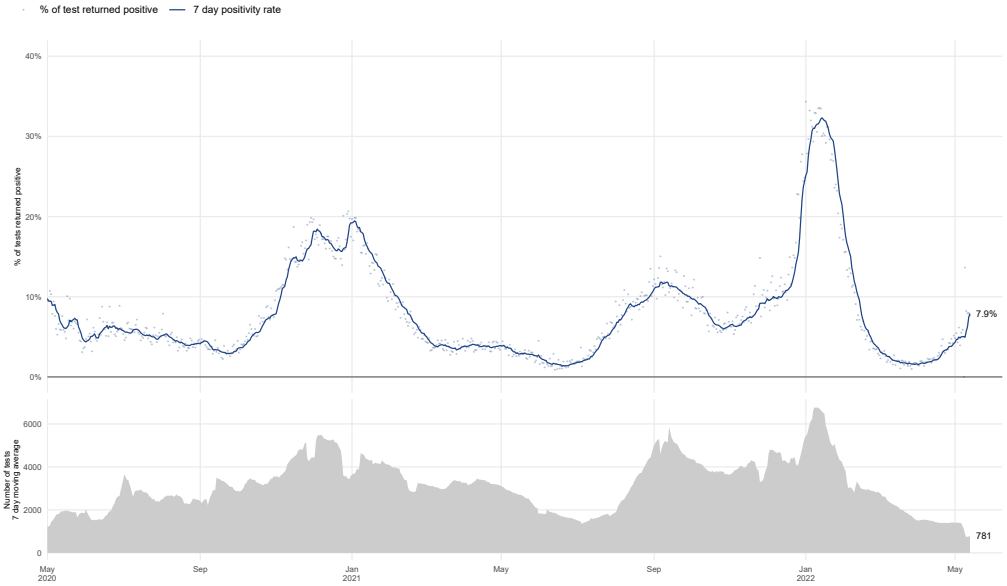
There have been 5,050 deaths due to COVID-19 in Southwestern Ohio

Seven day moving average of COVID-19 deaths. Reports of deaths tend to lag 1-2 months



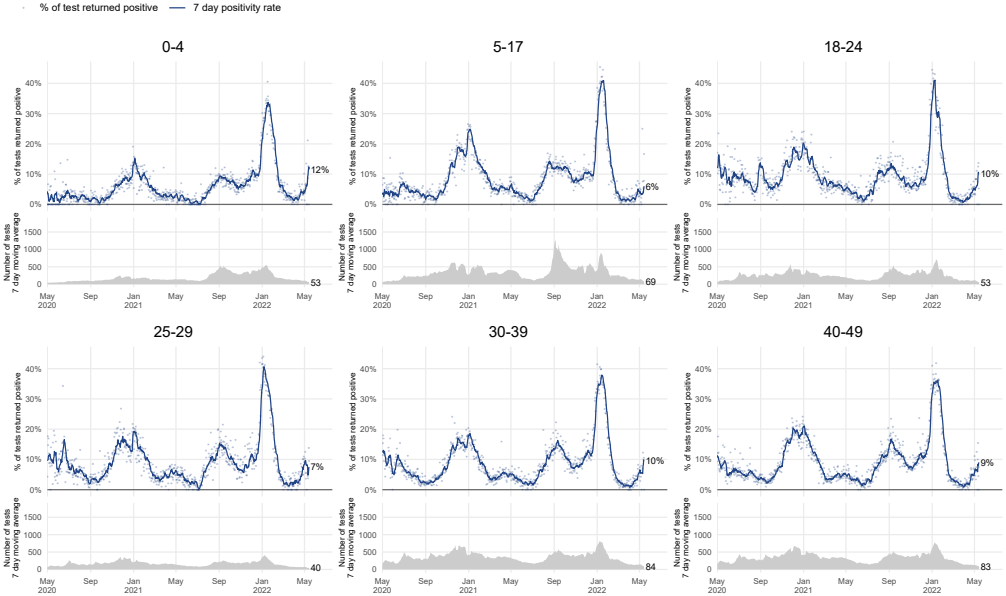
Source: ODH, Verified deaths by county of residence, https://coronavirus.ohio.gov/static/dashboards/COVIDDeathData_CountyOfResidence.csv, pulled on: 2022-05-15

Percentage of test results returned positive in 14 county region



Source: The Health Collaborative data as of 05/14/2022.

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



Source: The Health Collaborative data as of 05/14/2022. Most recent 3 days highly subject to change.

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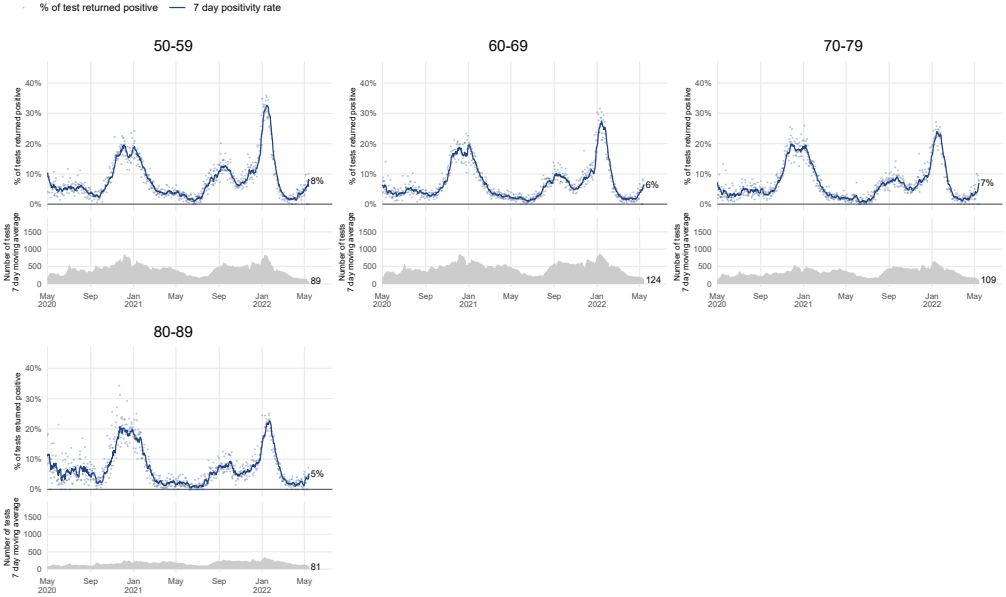
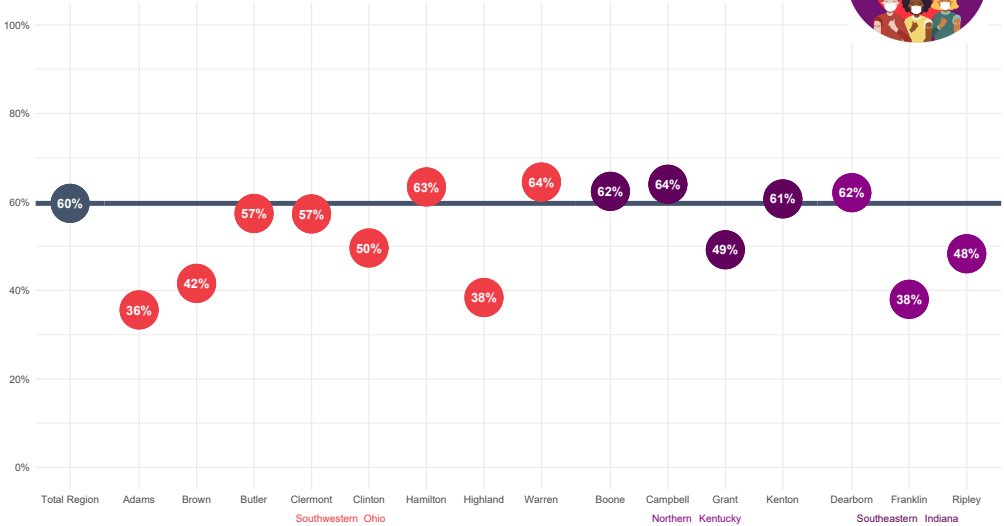


Source: The Health Collaborative data as of 05/14/2022. Most recent 3 days highly subject to change.

How are we doing getting people vaccinated against COVID-19?

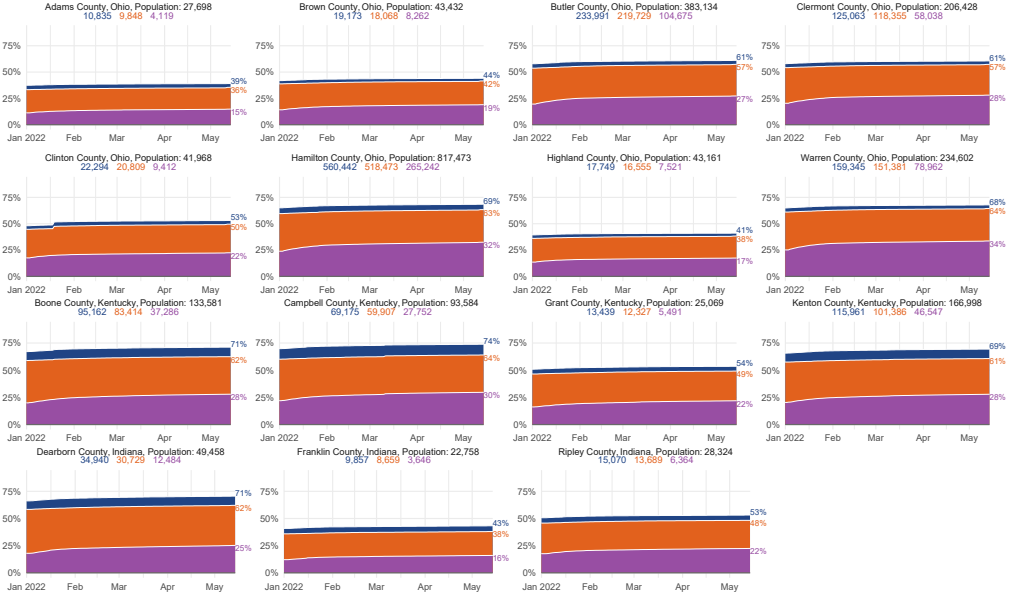
Percentage of the total population that have completed a vaccine series



Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of May 14, 2022. On October 28th duplicate vaccinations were removed from the Kentucky data by the CDC causing a decrease in the rate.

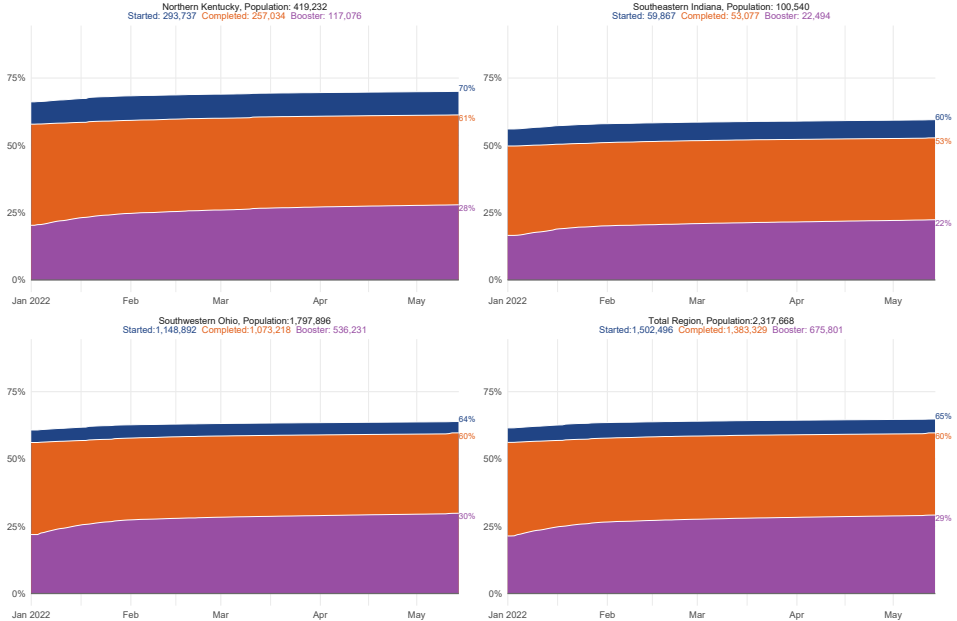
What is the COVID-19 vaccination rate in the entire population (all ages) over time?

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



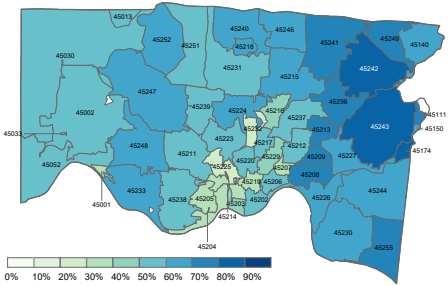
Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of May 14, 2022. On October 28th duplicate vaccinations were removed from the Kentucky data by the CDC causing a decrease in the rate.
Large one day increases are likely due to updates and corrections to the data and not to an increase in vaccines given on that day.

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

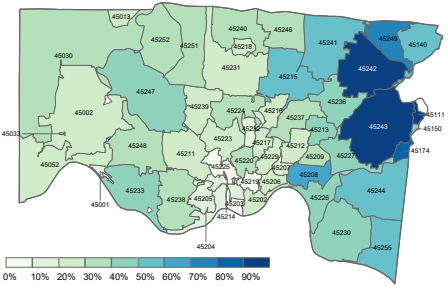


Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of May 14, 2022. On October 28th duplicate vaccinations were removed from the Kentucky data by the CDC causing a decrease in the rate.

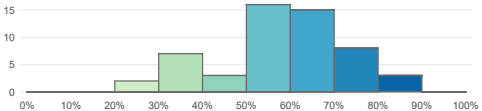
% of total population that has completed a vaccine series



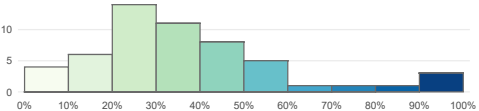
% of population ages 5-17 that has completed a vaccine series



Distribution of % of total population vaccinated in ZIP codes

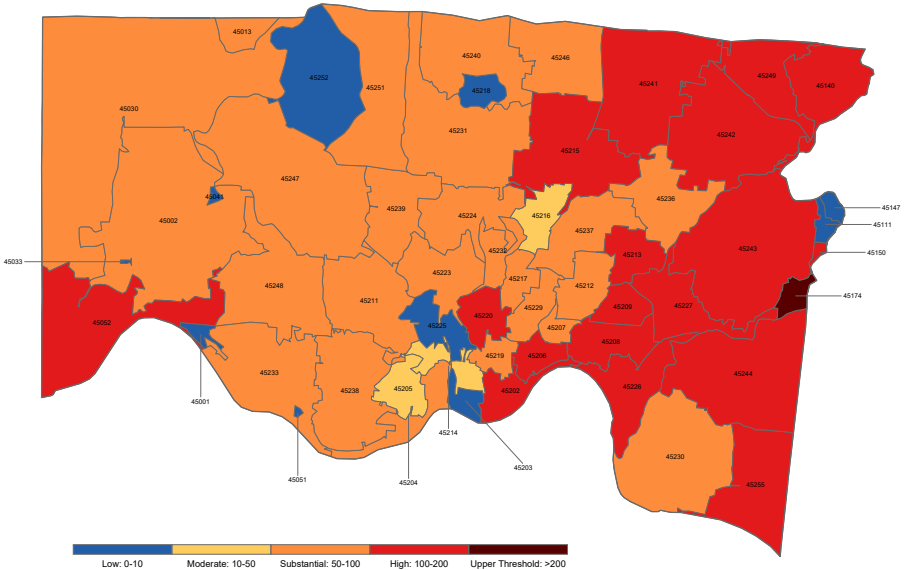


Distribution of % of 5-17 year olds vaccinated in ZIP codes



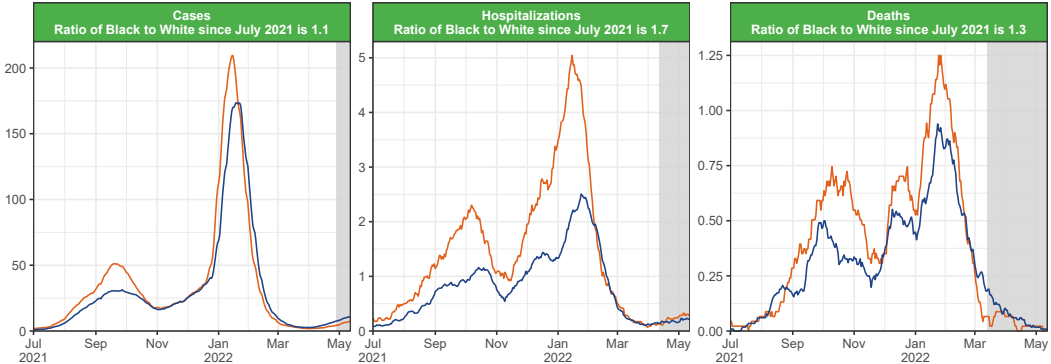
Source: Ohio Department of Health. Vaccinations given through 2022-05-12

COVID-19 cases per 100,000 population by zip code over 7 days



Source: Ohio Department of Health downloaded on May 15, 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



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 2022-05-12