How are we doing among those old enough to get the COVID-19 vaccines?
Percentage of the eligible population (currently 12+) that have received at least one dose

Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of December 13, 2021. 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 and completed

<table>
<thead>
<tr>
<th>County</th>
<th>Total Population</th>
<th>Started</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinton County, Ohio</td>
<td>41,968</td>
<td>19,798</td>
<td>18,409</td>
</tr>
<tr>
<td>Hamilton County, Ohio</td>
<td>817,473</td>
<td>522,445</td>
<td>478,185</td>
</tr>
<tr>
<td>Highland County, Ohio</td>
<td>43,161</td>
<td>16,701</td>
<td>15,296</td>
</tr>
<tr>
<td>Warren County, Ohio</td>
<td>234,602</td>
<td>149,713</td>
<td>140,344</td>
</tr>
<tr>
<td>Boone County, Kentucky</td>
<td>133,581</td>
<td>87,382</td>
<td>77,011</td>
</tr>
<tr>
<td>Campbell County, Kentucky</td>
<td>93,584</td>
<td>63,378</td>
<td>55,138</td>
</tr>
<tr>
<td>Grant County, Kentucky</td>
<td>25,069</td>
<td>12,531</td>
<td>11,382</td>
</tr>
<tr>
<td>Kenton County, Kentucky</td>
<td>166,998</td>
<td>106,946</td>
<td>94,089</td>
</tr>
<tr>
<td>Dearborn County, Indiana</td>
<td>49,458</td>
<td>31,957</td>
<td>28,536</td>
</tr>
<tr>
<td>Franklin County, Indiana</td>
<td>22,758</td>
<td>9,040</td>
<td>8,063</td>
</tr>
<tr>
<td>Ripley County, Indiana</td>
<td>28,324</td>
<td>14,054</td>
<td>12,903</td>
</tr>
</tbody>
</table>

Source: CDC County data. https://covid.cdc.gov/covid-data-tracker/#county-view. Data as of December 13, 2021. 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.
Seven day moving average, number of vaccines started and completed in Southwestern Ohio and Southeastern Indiana.

Source: ODH. https://coronavirus.ohio.gov/static/dashboards/vaccine_data.csv on December 14th, 2021
ISDH. https://hub.mph.in.gov/dataset/c484a6a3-2b32-4af9-6e02-c98801c3454f/resource/a4d23ae8-34c2-4951-85e0-3ea9345ee6ea/download/county-vaccinations-by-date.csv on December 14th, 2021.
Seven day sum of new Covid cases per 100,000 people in each county with CDC levels


Data from The New York Times, based on reports from state and local health agencies. https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html Pulled: 2021-12-14
COVID cases in last two weeks and vaccines started in ZIP codes
ZIP codes with low vaccination rates and high case rates highlighted

Source: ODH data on 12-14-2021
Seven day moving average of new Covid-19 cases by onset date per 100,000 by age group in Region 6
Label indicates highest seven day moving average in the last two weeks, preliminary data should be considered a floor for the eventual case count

Seven day moving average of new Covid-19 cases by onset date per 100,000 by age group in Hamilton County.

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

Hamilton County, Ohio

Estimated R

R = 1.02

0.0
0.5
1.0
1.5
2.0
Estimated R

10-01 11-01 12-01

Incidence per 100,000 population and 7-day moving average

Fourteen County Region

Estimated R

R = 1.00

0.0
0.5
1.0
1.5
2.0
Estimated R

10-01 11-01 12-01

Incidence per 100,000 population and 7-day moving average

Map of R estimates for 14 county area with average daily number of cases per 100,000 population in the last week

Estimated R value is based on the rate of change in incidence cases and should be considered along with the count

Mean serial interval (SI): 4.7 and standard deviation of SI: 2.9. Data from The New York Times, based on reports from state and local health agencies.

https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html Pulled: 2021-12-14
Percentage of test results returned positive in 14 county region

% of test returned positive 7 day positivity rate

9.8%

Number of tests

7 day moving average

Source: The Health Collaborative data as of 12/14/2021.
Percentage of test results returned positive by age of patient for 14 county area

% of test returned positive 7 day positivity rate

Source: The Health Collaborative data as of 12/14/2021. 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

Source: The Health Collaborative data as of 12/14/2021. Most recent 3 days highly subject to change.
Number of COVID positive patients in Region 6 hospitals

- 605 confirmed
- 146 in ICU
- 102 on ventilators

Mar 2021 Jun 2021 Sep 2021 Dec 2021

% 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

Source: Ohio Hospital Association Hospital Resource Tracker on December 14th
Number of positive COVID-19 patients in Region 6 ICUs

Dashed line indicates a temporary centerline that will change over time. Source: Ohio Hospital Association Hospital Resource Tracker on December 14th.
Number of positive COVID-19 patients in Region 6 hospitals

- Dashed line indicates a temporary centerline that will change over time. Source: Ohio Hospital Association Hospital Resource Tracker on December 14th.
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 December 14th, 2021 at 14:49. Includes data from all regional acute care hospitals.
Seven day moving average of COVID-19 deaths in Southwestern Ohio

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: 2021-12-14