

# KY COVID-19 Weekly Report

## October 10, 2022

### Weekly Summary

| Measure              | Total     |
|----------------------|-----------|
| Cases                | 1,595,309 |
| Deaths               | 17,111    |
| New Cases            | 3,392     |
| New Cases 18 & Under | 1,329     |
| Total New Deaths     | 81        |

\*Cases reported more than 30 days after occurrence are included in cumulative totals only.

### Age Distribution

| Cases   | Case Percent | Age Group | Death Percent | Deaths |
|---------|--------------|-----------|---------------|--------|
| 137,119 | 8.60%        | 0-9       | 0.03%         | 5      |
| 214,181 | 13.43%       | 10-19     | 0.08%         | 13     |
| 263,698 | 16.53%       | 20-29     | 0.40%         | 69     |
| 247,418 | 15.51%       | 30-39     | 1.41%         | 241    |
| 224,659 | 14.08%       | 40-49     | 3.79%         | 648    |
| 207,495 | 13.01%       | 50-59     | 9.85%         | 1,686  |
| 157,123 | 9.85%        | 60-69     | 20.01%        | 3,424  |
| 93,070  | 5.83%        | 70-79     | 27.43%        | 4,693  |
| 50,293  | 3.15%        | 80+       | 37.01%        | 6,332  |
| 253     | 0.02%        | Unknown   | 0.00%         | 0      |

### Race and Ethnicity Distribution

| Cases     | Case Percent | Race             | Death Percent | Deaths |
|-----------|--------------|------------------|---------------|--------|
| 4,813     | 0.36%        | American Indian  | 0.12%         | 19     |
| 13,776    | 1.02%        | Asian            | 0.42%         | 70     |
| 106,848   | 7.94%        | Black            | 6.55%         | 1,079  |
| 431       | 0.03%        | Pacific Islander | 0.07%         | 12     |
| 1,154,679 | 85.78%       | White            | 90.20%        | 14,863 |
| 65,503    | 4.87%        | Multiracial      | 2.64%         | 435    |

  

| Cases     | Case Percent | Ethnicity    | Death Percent | Deaths |
|-----------|--------------|--------------|---------------|--------|
| 52,940    | 4.26%        | Hispanic     | 1.49%         | 241    |
| 1,189,812 | 95.74%       | Non-Hispanic | 98.51%        | 15,886 |

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 84.4% of cases and 96.3% of deaths  
 Ethnicity known for 77.9% of cases and 94.2% of deaths

### Current Positivity Rate

| Positive PCRs | Total PCRs | Positivity Rate |
|---------------|------------|-----------------|
| 2,675         | 33,836     | 7.91%           |

Positivity rate is calculated using electronically submitted PCRs from the past seven days.

## Current COVID-19 Hospital Census

| Patient Type  | Total |
|---------------|-------|
| Hospitalized  | 287   |
| ICU           | 46    |
| On Ventilator | 13    |

## Current Overall Capacity

| Resource       | # Occupied | # Available | % Occupancy |
|----------------|------------|-------------|-------------|
| Inpatient Beds | 8,098      | 2,811       | 74.23%      |
| ICU Beds       | 1,331      | 397         | 77.03%      |

## Current Regional Statistics\*

| Region   | COVID-19 Inpatient | COVID-19 ICU | COVID-19 on Ventilator | Inpatient Capacity Used for COVID-19 | ICU Capacity Used for COVID-19 | Inpatient Capacity in Use | ICU Capacity in Use |
|----------|--------------------|--------------|------------------------|--------------------------------------|--------------------------------|---------------------------|---------------------|
| Region 1 | 29                 | 7            | 1                      | 2.3%                                 | 3.7%                           | 69.01%                    | 62.63%              |
| Region 2 | 68                 | 14           | 6                      | 2.0%                                 | 2.5%                           | 77.37%                    | 81.83%              |
| Region 3 | 18                 | 6            | 5                      | 2.7%                                 | 7.8%                           | 76.98%                    | 79.22%              |
| Region 4 | 64                 | 3            | 0                      | 2.8%                                 | 0.6%                           | 77.49%                    | 82.85%              |
| Region 5 | 27                 | 4            | 1                      | 4.1%                                 | 6.6%                           | 87.94%                    | 95.08%              |
| Region 6 | 65                 | 9            | 0                      | 4.2%                                 | 4.0%                           | 72.35%                    | 63.39%              |
| Region 7 | 13                 | 3            | 0                      | 2.2%                                 | 3.9%                           | 52.46%                    | 54.55%              |
| Region 8 | 3                  | 0            | 0                      | 0.6%                                 | 0.0%                           | 60.30%                    | 90.74%              |

Data is derived from the most recent report from facilities as of 12am. COVID-19 census numbers only includes confirmed patients. Red shading indicates regions with current inpatient or ICU capacity in use 80% or higher.

### 1. West KY HCC:

Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Daviess, Fulton, Graves, Hancock, Henderson, Hickman, Hopkins, Livingston, Lyon, Marshall, McCracken, McLean, Muhlenberg, Ohio, Todd, Trigg, Union, Webster

### 2. HERA HCC:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

### 3. HEART HCC:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

### 4. Bluegrass HCC:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

### 5. Northern KY HCC:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

### 6. East KY HCC:

Bath, Boyd, Breathitt, Carter, Elliott, Fleming, Floyd, Greenup, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Lewis, Magoffin, Martin, Mason, Menifee, Montgomery, Morgan, Owsley, Perry, Pike, Robertson, Rowan, Wolfe

### 7. Southeast KY HCC:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

### 8. HELP HCC:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

## New Cases by County

Weekly new cases based on previous seven days

| County    | Cases |
|-----------|-------|
| Jefferson | 612   |
| Fayette   | 190   |
| Kenton    | 151   |
| Boone     | 121   |
| Hardin    | 102   |
| Warren    | 80    |
| Bullitt   | 78    |
| Campbell  | 74    |
| Letcher   | 65    |
| Madison   | 65    |
| Boyd      | 61    |
| Pike      | 54    |
| Perry     | 53    |
| Daviess   | 48    |
| Floyd     | 46    |
| Oldham    | 44    |
| Scott     | 43    |
| Knott     | 36    |
| Laurel    | 35    |
| Franklin  | 34    |
| Carter    | 30    |
| Harlan    | 30    |
| McCracken | 30    |
| Nelson    | 30    |
| Shelby    | 29    |
| Calloway  | 28    |
| Greenup   | 27    |
| Pulaski   | 27    |
| Taylor    | 26    |
| Whitley   | 26    |

| County       | Cases |
|--------------|-------|
| Boyle        | 25    |
| Clark        | 25    |
| Hopkins      | 24    |
| Rowan        | 24    |
| Christian    | 23    |
| Harrison     | 23    |
| Barren       | 22    |
| Breckinridge | 21    |
| Russell      | 21    |
| Clay         | 20    |
| Grant        | 20    |
| Grayson      | 19    |
| Marion       | 18    |
| Marshall     | 18    |
| Montgomery   | 18    |
| Woodford     | 18    |
| Estill       | 17    |
| Henderson    | 17    |
| Jessamine    | 17    |
| Logan        | 17    |
| Washington   | 17    |
| Adair        | 16    |
| Meade        | 16    |
| Bell         | 15    |
| Leslie       | 15    |
| Mercer       | 15    |
| Trigg        | 15    |
| Bourbon      | 14    |
| Casey        | 14    |
| Johnson      | 14    |

| County     | Cases |
|------------|-------|
| Lincoln    | 14    |
| Allen      | 13    |
| Clinton    | 13    |
| Henry      | 13    |
| Spencer    | 13    |
| Green      | 12    |
| Hart       | 12    |
| Muhlenberg | 12    |
| Breathitt  | 11    |
| Larue      | 11    |
| Owsley     | 11    |
| Powell     | 11    |
| Bath       | 10    |
| Lawrence   | 10    |
| Rockcastle | 10    |
| Wayne      | 10    |
| McCreary   | 9     |
| Anderson   | 8     |
| Fleming    | 8     |
| Graves     | 8     |
| Morgan     | 8     |
| Owen       | 8     |
| Pendleton  | 8     |
| Simpson    | 8     |
| Union      | 8     |
| Carroll    | 7     |
| Elliott    | 7     |
| Gallatin   | 7     |
| Jackson    | 7     |
| Knox       | 7     |

| County     | Cases |
|------------|-------|
| Garrard    | 6     |
| Menifee    | 6     |
| McLean     | 5     |
| Edmonson   | 4     |
| Livingston | 4     |
| Martin     | 4     |
| Metcalfe   | 4     |
| Nicholas   | 4     |
| Webster    | 4     |
| Caldwell   | 3     |
| Cumberland | 3     |
| Lee        | 3     |
| Lewis      | 3     |
| Mason      | 3     |
| Robertson  | 3     |
| Trimble    | 3     |
| Butler     | 2     |
| Crittenden | 2     |
| Hancock    | 2     |
| Monroe     | 2     |
| Ohio       | 2     |
| Todd       | 2     |
| Bracken    | 1     |
| Carlisle   | 1     |
| Hickman    | 1     |
| Lyon       | 1     |
| Magoffin   | 1     |
| Wolfe      | 1     |
| Ballard    | 0     |
| Fulton     | 0     |

Weekly new case counts are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date.

## Total Deaths by County

| County    | Deaths | Percent |
|-----------|--------|---------|
| Jefferson | 2,541  | 14.9%   |
| Fayette   | 667    | 3.90%   |
| Hardin    | 476    | 2.78%   |
| Kenton    | 452    | 2.64%   |
| Daviess   | 414    | 2.42%   |
| Warren    | 401    | 2.34%   |
| Pike      | 349    | 2.04%   |
| Boone     | 329    | 1.92%   |
| Pulaski   | 313    | 1.83%   |
| Madison   | 297    | 1.74%   |
| McCracken | 296    | 1.73%   |
| Hopkins   | 271    | 1.58%   |
| Laurel    | 268    | 1.57%   |
| Bullitt   | 241    | 1.41%   |
| Floyd     | 236    | 1.38%   |
| Barren    | 231    | 1.35%   |
| Christian | 229    | 1.34%   |
| Harlan    | 221    | 1.29%   |
| Whitley   | 220    | 1.29%   |
| Campbell  | 200    | 1.17%   |
| Perry     | 200    | 1.17%   |
| Boyd      | 195    | 1.14%   |
| Graves    | 194    | 1.13%   |
| Henderson | 179    | 1.05%   |
| Shelby    | 174    | 1.02%   |
| Franklin  | 172    | 1.01%   |
| Bell      | 164    | 0.96%   |
| Nelson    | 162    | 0.95%   |
| Knox      | 160    | 0.94%   |
| Oldham    | 156    | 0.91%   |

| County       | Deaths | Percent |
|--------------|--------|---------|
| Greenup      | 155    | 0.91%   |
| Jessamine    | 155    | 0.91%   |
| Boyle        | 146    | 0.85%   |
| Grayson      | 145    | 0.85%   |
| Lincoln      | 143    | 0.84%   |
| Taylor       | 134    | 0.78%   |
| Letcher      | 132    | 0.77%   |
| Logan        | 132    | 0.77%   |
| Johnson      | 131    | 0.77%   |
| Muhlenberg   | 129    | 0.75%   |
| Marshall     | 124    | 0.72%   |
| Allen        | 119    | 0.70%   |
| Scott        | 119    | 0.70%   |
| Montgomery   | 115    | 0.67%   |
| Carter       | 114    | 0.67%   |
| Mason        | 114    | 0.67%   |
| Mercer       | 114    | 0.67%   |
| Adair        | 112    | 0.65%   |
| Ohio         | 112    | 0.65%   |
| Hart         | 109    | 0.64%   |
| Wayne        | 103    | 0.60%   |
| Clay         | 102    | 0.60%   |
| Calloway     | 101    | 0.59%   |
| Simpson      | 100    | 0.58%   |
| Russell      | 94     | 0.55%   |
| Lewis        | 90     | 0.53%   |
| Marion       | 89     | 0.52%   |
| Breckinridge | 88     | 0.51%   |
| Garrard      | 87     | 0.51%   |
| Harrison     | 86     | 0.50%   |

| County     | Deaths | Percent |
|------------|--------|---------|
| McCreary   | 86     | 0.50%   |
| Monroe     | 86     | 0.50%   |
| Jackson    | 84     | 0.49%   |
| Casey      | 79     | 0.46%   |
| Clark      | 79     | 0.46%   |
| Lawrence   | 77     | 0.45%   |
| Anderson   | 76     | 0.44%   |
| Larue      | 75     | 0.44%   |
| Rowan      | 75     | 0.44%   |
| Knott      | 72     | 0.42%   |
| Metcalfe   | 72     | 0.42%   |
| Grant      | 69     | 0.40%   |
| Fleming    | 67     | 0.39%   |
| Meade      | 67     | 0.39%   |
| Bourbon    | 66     | 0.39%   |
| Washington | 66     | 0.39%   |
| Caldwell   | 65     | 0.38%   |
| Spencer    | 65     | 0.38%   |
| Livingston | 64     | 0.37%   |
| Rockcastle | 64     | 0.37%   |
| Breathitt  | 62     | 0.36%   |
| Union      | 59     | 0.34%   |
| McLean     | 58     | 0.34%   |
| Magoffin   | 57     | 0.33%   |
| Lee        | 56     | 0.33%   |
| Woodford   | 56     | 0.33%   |
| Butler     | 55     | 0.32%   |
| Clinton    | 55     | 0.32%   |
| Estill     | 55     | 0.32%   |
| Gallatin   | 55     | 0.32%   |

| County     | Deaths | Percent |
|------------|--------|---------|
| Leslie     | 55     | 0.32%   |
| Henry      | 54     | 0.32%   |
| Crittenden | 52     | 0.30%   |
| Edmonson   | 52     | 0.30%   |
| Carroll    | 51     | 0.30%   |
| Webster    | 51     | 0.30%   |
| Bath       | 50     | 0.29%   |
| Martin     | 50     | 0.29%   |
| Green      | 49     | 0.29%   |
| Powell     | 48     | 0.28%   |
| Trigg      | 47     | 0.27%   |
| Todd       | 46     | 0.27%   |
| Trimble    | 45     | 0.26%   |
| Pendleton  | 41     | 0.24%   |
| Owen       | 40     | 0.23%   |
| Lyon       | 39     | 0.23%   |
| Ballard    | 36     | 0.21%   |
| Morgan     | 35     | 0.20%   |
| Fulton     | 34     | 0.20%   |
| Menifee    | 34     | 0.20%   |
| Nicholas   | 34     | 0.20%   |
| Cumberland | 33     | 0.19%   |
| Owsley     | 32     | 0.19%   |
| Hickman    | 30     | 0.18%   |
| Wolfe      | 30     | 0.18%   |
| Bracken    | 28     | 0.16%   |
| Hancock    | 27     | 0.16%   |
| Elliott    | 22     | 0.13%   |
| Carlisle   | 21     | 0.12%   |
| Robertson  | 21     | 0.12%   |

Total Deaths  
17,111

## Incidence Rates by County

Average daily new cases per 100,000 population based on previous seven days

| County       | Rate |
|--------------|------|
| Letcher      | 43.1 |
| Owsley       | 35.6 |
| Knott        | 34.7 |
| Perry        | 29.4 |
| Leslie       | 21.7 |
| Robertson    | 20.3 |
| Washington   | 20.1 |
| Boyd         | 18.7 |
| Floyd        | 18.5 |
| Clinton      | 18.2 |
| Harrison     | 17.4 |
| Estill       | 17.2 |
| Russell      | 16.7 |
| Harlan       | 16.5 |
| Carter       | 16.0 |
| Green        | 15.7 |
| Breckinridge | 14.7 |
| Trigg        | 14.6 |
| Taylor       | 14.4 |
| Clay         | 14.4 |
| Rowan        | 14.0 |
| Bullitt      | 13.6 |
| Marion       | 13.3 |
| Pike         | 13.3 |
| Elliott      | 13.3 |
| Menifee      | 13.2 |
| Hardin       | 13.1 |
| Boone        | 12.9 |
| Kenton       | 12.9 |
| Powell       | 12.7 |

| County     | Rate |
|------------|------|
| Breathitt  | 12.4 |
| Casey      | 12.4 |
| Adair      | 11.9 |
| Boyle      | 11.9 |
| Henry      | 11.5 |
| Bath       | 11.4 |
| Jefferson  | 11.4 |
| Grant      | 11.4 |
| Campbell   | 11.3 |
| Gallatin   | 11.3 |
| Greenup    | 11.0 |
| Larue      | 10.9 |
| Scott      | 10.8 |
| Owen       | 10.5 |
| Grayson    | 10.3 |
| Calloway   | 10.3 |
| Whitley    | 10.2 |
| Bourbon    | 10.1 |
| Madison    | 10.0 |
| Clark      | 9.8  |
| Mercer     | 9.8  |
| Woodford   | 9.6  |
| Spencer    | 9.6  |
| Franklin   | 9.5  |
| Oldham     | 9.4  |
| Carroll    | 9.4  |
| Lawrence   | 9.3  |
| Nelson     | 9.3  |
| Montgomery | 9.1  |
| Johnson    | 9.0  |

| County     | Rate |
|------------|------|
| Hart       | 9.0  |
| Logan      | 9.0  |
| Allen      | 8.7  |
| Warren     | 8.6  |
| Morgan     | 8.6  |
| Rockcastle | 8.6  |
| Shelby     | 8.5  |
| Fayette    | 8.4  |
| Marshall   | 8.3  |
| Bell       | 8.2  |
| Laurel     | 8.2  |
| Lincoln    | 8.1  |
| Meade      | 8.0  |
| Union      | 7.9  |
| Nicholas   | 7.9  |
| Fleming    | 7.8  |
| Pendleton  | 7.8  |
| McLean     | 7.8  |
| Hopkins    | 7.7  |
| Jackson    | 7.5  |
| McCreary   | 7.5  |
| Barren     | 7.1  |
| Wayne      | 7.0  |
| Daviess    | 6.8  |
| McCracken  | 6.6  |
| Cumberland | 6.5  |
| Livingston | 6.2  |
| Simpson    | 6.2  |
| Pulaski    | 5.9  |
| Lee        | 5.8  |

| County     | Rate |
|------------|------|
| Metcalfe   | 5.7  |
| Muhlenberg | 5.6  |
| Henderson  | 5.4  |
| Martin     | 5.1  |
| Trimble    | 5.1  |
| Anderson   | 5.0  |
| Garrard    | 4.9  |
| Edmonson   | 4.7  |
| Christian  | 4.7  |
| Jessamine  | 4.5  |
| Webster    | 4.4  |
| Caldwell   | 3.4  |
| Hancock    | 3.3  |
| Hickman    | 3.3  |
| Crittenden | 3.2  |
| Lewis      | 3.2  |
| Knox       | 3.2  |
| Graves     | 3.1  |
| Carlisle   | 3.0  |
| Monroe     | 2.7  |
| Mason      | 2.5  |
| Todd       | 2.3  |
| Butler     | 2.2  |
| Wolfe      | 2.0  |
| Lyon       | 1.7  |
| Bracken    | 1.7  |
| Ohio       | 1.2  |
| Magoffin   | 1.2  |
| Ballard    | 0.0  |
| Fulton     | 0.0  |

Current Overall Incidence Rate  
10.25 per 100k population

The average daily incidence rates are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date. Populations used for the rate calculation are the 2019 estimates from the US Census Bureau.