

KY COVID-19 Weekly Report

May 16, 2022
Weekly Summary

| Measure | Total |
|----------------------|-----------|
| Cases | 1,339,520 |
| Deaths | 15,830 |
| New Cases | 6,443 |
| New Cases 18 & Under | 1,032 |
| Total New Deaths | 96 |

Age Distribution

| Cases | Case Percent | Age Group | Death Percent | Deaths |
|---------|--------------|-----------|---------------|--------|
| 113,710 | 8.49% | 0-9 | 0.03% | 4 |
| 187,030 | 13.96% | 10-19 | 0.07% | 11 |
| 226,462 | 16.91% | 20-29 | 0.43% | 68 |
| 211,893 | 15.82% | 30-39 | 1.43% | 226 |
| 191,293 | 14.28% | 40-49 | 3.79% | 600 |
| 173,076 | 12.92% | 50-59 | 9.96% | 1,576 |
| 126,427 | 9.44% | 60-69 | 20.39% | 3,228 |
| 71,104 | 5.31% | 70-79 | 27.35% | 4,329 |
| 38,274 | 2.86% | 80+ | 36.56% | 5,788 |
| 251 | 0.02% | Unknown | 0.00% | 0 |

Race and Ethnicity Distribution

| Cases | Case Percent | Race | Death Percent | Deaths |
|---------|--------------|------------------|---------------|--------|
| 4,522 | 0.40% | American Indian | 0.12% | 18 |
| 10,926 | 0.98% | Asian | 0.44% | 67 |
| 87,851 | 7.85% | Black | 6.68% | 1,017 |
| 423 | 0.04% | Pacific Islander | 0.07% | 10 |
| 961,197 | 85.88% | White | 90.01% | 13,697 |
| 54,254 | 4.85% | Multiracial | 2.69% | 409 |

| Cases | Case Percent | Ethnicity | Death Percent | Deaths |
|---------|--------------|--------------|---------------|--------|
| 46,124 | 4.43% | Hispanic | 1.51% | 224 |
| 995,076 | 95.57% | Non-Hispanic | 98.49% | 14,651 |

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.6% of cases and 96.1% of deaths
Ethnicity known for 77.7% of cases and 94.0% of deaths

Current Positivity Rate

| Positive PCRs | Total PCRs | Positivity Rate |
|---------------|------------|-----------------|
| 4,338 | 46,397 | 9.35% |

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

Current COVID-19 Hospital Census*

| Patient Type | Total |
|---------------|-------|
| Hospitalized | 340 |
| ICU | 30 |
| On Ventilator | 9 |

*All hospitals are transitioning to a different data collection system (Teletracking), so hospital numbers are under-reported for the most recent week as the transition occurs.

Current Overall Capacity*

| Resource | # Occupied | # Available | % Occupancy |
|----------------|------------|-------------|-------------|
| Inpatient Beds | 7,909 | 2,611 | 75.18% |
| ICU Beds | 1,213 | 455 | 72.72% |
| Ventilators | 126 | 772 | 14.03% |

*All hospitals are transitioning to a different data collection system (Teletracking), so hospital numbers are under-reported for the most recent week as the transition occurs.

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 | Ventilator Capacity Used for COVID-19 | Inpatient Capacity in Use | ICU Capacity in Use | Ventilator Capacity in Use |
|----------|--------------------|--------------|------------------------|--------------------------------------|--------------------------------|---------------------------------------|---------------------------|---------------------|----------------------------|
| Region 1 | 100 | 0 | 0 | 8.1% | 0.0% | 0.0% | 73.92% | 67.98% | 11.76% |
| Region 2 | 118 | 10 | 2 | 3.6% | 2.0% | 1.1% | 78.65% | 76.76% | 13.51% |
| Region 3 | 7 | 0 | 0 | 1.2% | 0.0% | 0.0% | 72.86% | 89.13% | 14.40% |
| Region 4 | 55 | 12 | 6 | 2.5% | 2.5% | 2.8% | 77.20% | 75.26% | 22.22% |
| Region 5 | 24 | 1 | 0 | 3.9% | 1.6% | 0.0% | 92.73% | 90.48% | 0.00% |
| Region 6 | 25 | 4 | 0 | 1.6% | 1.8% | 0.0% | 72.87% | 55.91% | 10.26% |
| Region 7 | 11 | 3 | 1 | 1.9% | 3.8% | 1.3% | 59.93% | 51.25% | 8.86% |
| Region 8 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% | 50.33% | 80.00% | 0.00% |

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

**Recently, Health Care Coalition (HCC) regions in the East and West parts of the state merged, to better align with healthcare patterns. Additionally, all hospitals are transitioning to a different data collection system (Teletracking), so hospital numbers are under-reported for the most recent week as the transition occurs.

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 | 2,460 |
| Fayette | 651 |
| Hardin | 276 |
| Kenton | 159 |
| Campbell | 140 |
| Oldham | 115 |
| Madison | 104 |
| Boone | 102 |
| Warren | 99 |
| Bullitt | 97 |
| McCracken | 86 |
| Boyd | 76 |
| Scott | 76 |
| Shelby | 67 |
| Daviess | 63 |
| Franklin | 63 |
| Nelson | 63 |
| Pike | 63 |
| Jessamine | 59 |
| Clark | 54 |
| Woodford | 48 |
| Greenup | 44 |
| Floyd | 42 |
| Henderson | 40 |
| Christian | 38 |
| Henry | 29 |
| Rowan | 29 |
| Laurel | 28 |
| Bourbon | 27 |
| Hopkins | 27 |

| County | Cases |
|------------|-------|
| Anderson | 26 |
| Boyle | 26 |
| Carter | 26 |
| Pulaski | 26 |
| Simpson | 26 |
| Calloway | 25 |
| Marshall | 25 |
| Mercer | 25 |
| Meade | 24 |
| Muhlenberg | 24 |
| Perry | 24 |
| Grant | 21 |
| Lincoln | 21 |
| Allen | 20 |
| Montgomery | 20 |
| Graves | 19 |
| Knox | 17 |
| Lawrence | 17 |
| Rockcastle | 17 |
| Harlan | 16 |
| McLean | 16 |
| Spencer | 16 |
| Barren | 15 |
| Garrard | 15 |
| Menifee | 15 |
| Powell | 15 |
| Trigg | 14 |
| Harrison | 13 |
| Marion | 13 |
| Grayson | 12 |

| County | Cases |
|--------------|-------|
| Taylor | 12 |
| Whitley | 12 |
| Hancock | 11 |
| Lyon | 11 |
| Magoffin | 11 |
| Johnson | 10 |
| Letcher | 10 |
| Logan | 10 |
| Webster | 10 |
| Bath | 9 |
| Bell | 9 |
| Livingston | 9 |
| Mason | 9 |
| Ohio | 9 |
| Russell | 9 |
| Washington | 9 |
| Jackson | 8 |
| Larue | 8 |
| Crittenden | 7 |
| Fleming | 7 |
| Hart | 7 |
| Lewis | 7 |
| Martin | 7 |
| Owen | 7 |
| Wayne | 7 |
| Breathitt | 6 |
| Knott | 6 |
| Metcalfe | 6 |
| Breckinridge | 5 |
| Caldwell | 5 |

| County | Cases |
|------------|-------|
| Casey | 5 |
| Lee | 5 |
| Adair | 4 |
| Bracken | 4 |
| Clay | 4 |
| Clinton | 4 |
| Monroe | 4 |
| Nicholas | 4 |
| Trimble | 4 |
| Carlisle | 3 |
| Elliott | 3 |
| Gallatin | 3 |
| McCreary | 3 |
| Morgan | 3 |
| Pendleton | 3 |
| Union | 3 |
| Wolfe | 3 |
| Carroll | 2 |
| Cumberland | 2 |
| Estill | 2 |
| Green | 2 |
| Leslie | 2 |
| Todd | 2 |
| Butler | 1 |
| Fulton | 1 |
| Ballard | 0 |
| Edmonson | 0 |
| Hickman | 0 |
| Owsley | 0 |
| Robertson | 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 | 2,366 | 14.9% |
| Fayette | 613 | 3.87% |
| Hardin | 437 | 2.76% |
| Kenton | 420 | 2.65% |
| Daviess | 391 | 2.47% |
| Warren | 375 | 2.37% |
| Pike | 308 | 1.95% |
| Boone | 299 | 1.89% |
| Pulaski | 293 | 1.85% |
| Madison | 280 | 1.77% |
| McCracken | 265 | 1.67% |
| Hopkins | 254 | 1.60% |
| Laurel | 244 | 1.54% |
| Bullitt | 225 | 1.42% |
| Barren | 221 | 1.40% |
| Christian | 211 | 1.33% |
| Floyd | 211 | 1.33% |
| Harlan | 211 | 1.33% |
| Whitley | 200 | 1.26% |
| Campbell | 181 | 1.14% |
| Graves | 181 | 1.14% |
| Boyd | 178 | 1.12% |
| Perry | 178 | 1.12% |
| Henderson | 168 | 1.06% |
| Shelby | 162 | 1.02% |
| Franklin | 154 | 0.97% |
| Nelson | 153 | 0.97% |
| Bell | 150 | 0.95% |
| Greenup | 147 | 0.93% |
| Knox | 147 | 0.93% |

| County | Deaths | Percent |
|--------------|--------|---------|
| Oldham | 145 | 0.92% |
| Jessamine | 141 | 0.89% |
| Lincoln | 137 | 0.87% |
| Grayson | 134 | 0.85% |
| Boyle | 133 | 0.84% |
| Logan | 126 | 0.80% |
| Taylor | 125 | 0.79% |
| Muhlenberg | 121 | 0.76% |
| Johnson | 119 | 0.75% |
| Letcher | 115 | 0.73% |
| Marshall | 114 | 0.72% |
| Scott | 110 | 0.69% |
| Allen | 108 | 0.68% |
| Montgomery | 108 | 0.68% |
| Adair | 107 | 0.68% |
| Carter | 107 | 0.68% |
| Mason | 106 | 0.67% |
| Mercer | 106 | 0.67% |
| Ohio | 104 | 0.66% |
| Hart | 102 | 0.64% |
| Simpson | 95 | 0.60% |
| Calloway | 94 | 0.59% |
| Wayne | 93 | 0.59% |
| Clay | 92 | 0.58% |
| Russell | 87 | 0.55% |
| Lewis | 86 | 0.54% |
| Marion | 85 | 0.54% |
| McCreary | 83 | 0.52% |
| Jackson | 81 | 0.51% |
| Breckinridge | 79 | 0.50% |

| County | Deaths | Percent |
|------------|--------|---------|
| Garrard | 78 | 0.49% |
| Monroe | 78 | 0.49% |
| Harrison | 77 | 0.49% |
| Casey | 75 | 0.47% |
| Larue | 73 | 0.46% |
| Anderson | 71 | 0.45% |
| Clark | 70 | 0.44% |
| Lawrence | 70 | 0.44% |
| Rowan | 69 | 0.44% |
| Meade | 66 | 0.42% |
| Knott | 64 | 0.40% |
| Metcalfe | 64 | 0.40% |
| Grant | 62 | 0.39% |
| Washington | 62 | 0.39% |
| Caldwell | 61 | 0.39% |
| Livingston | 61 | 0.39% |
| Rockcastle | 61 | 0.39% |
| Bourbon | 60 | 0.38% |
| Fleming | 60 | 0.38% |
| Spencer | 59 | 0.37% |
| Union | 57 | 0.36% |
| Breathitt | 54 | 0.34% |
| Butler | 54 | 0.34% |
| McLean | 54 | 0.34% |
| Henry | 53 | 0.33% |
| Clinton | 52 | 0.33% |
| Lee | 52 | 0.33% |
| Gallatin | 51 | 0.32% |
| Magoffin | 51 | 0.32% |
| Crittenden | 50 | 0.32% |

| County | Deaths | Percent |
|------------|--------|---------|
| Estill | 50 | 0.32% |
| Woodford | 50 | 0.32% |
| Leslie | 49 | 0.31% |
| Martin | 49 | 0.31% |
| Webster | 49 | 0.31% |
| Bath | 48 | 0.30% |
| Edmonson | 47 | 0.30% |
| Carroll | 45 | 0.28% |
| Green | 45 | 0.28% |
| Trigg | 45 | 0.28% |
| Powell | 44 | 0.28% |
| Todd | 44 | 0.28% |
| Trimble | 40 | 0.25% |
| Pendleton | 39 | 0.25% |
| Lyon | 35 | 0.22% |
| Owen | 34 | 0.21% |
| Cumberland | 33 | 0.21% |
| Fulton | 32 | 0.20% |
| Menifee | 32 | 0.20% |
| Nicholas | 32 | 0.20% |
| Ballard | 30 | 0.19% |
| Morgan | 30 | 0.19% |
| Wolfe | 28 | 0.18% |
| Hickman | 27 | 0.17% |
| Owsley | 27 | 0.17% |
| Bracken | 26 | 0.16% |
| Hancock | 25 | 0.16% |
| Robertson | 21 | 0.13% |
| Carlisle | 20 | 0.13% |
| Elliott | 19 | 0.12% |

Total Deaths
15,830

Incidence Rates by County

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

| County | Rate |
|-----------|------|
| Jefferson | 45.8 |
| Hardin | 35.5 |
| Menifee | 33.0 |
| Fayette | 28.8 |
| Henry | 25.7 |
| Woodford | 25.6 |
| McLean | 24.8 |
| Oldham | 24.6 |
| Boyd | 23.2 |
| Campbell | 21.4 |
| Clark | 21.3 |
| Simpson | 20.0 |
| Shelby | 19.5 |
| Bourbon | 19.5 |
| Nelson | 19.5 |
| Lyon | 19.1 |
| Scott | 19.0 |
| McCracken | 18.8 |
| Hancock | 18.0 |
| Greenup | 17.9 |
| Franklin | 17.7 |
| Powell | 17.3 |
| Bullitt | 17.0 |
| Rowan | 16.9 |
| Floyd | 16.9 |
| Anderson | 16.3 |
| Mercer | 16.3 |
| Madison | 16.0 |
| Lawrence | 15.9 |
| Jessamine | 15.6 |

| County | Rate |
|------------|------|
| Pike | 15.6 |
| Rockcastle | 14.5 |
| Livingston | 14.0 |
| Carter | 13.9 |
| Trigg | 13.7 |
| Kenton | 13.6 |
| Allen | 13.4 |
| Perry | 13.3 |
| Magoffin | 12.9 |
| Henderson | 12.6 |
| Boyle | 12.4 |
| Lincoln | 12.2 |
| Garrard | 12.1 |
| Meade | 12.0 |
| Grant | 12.0 |
| Spencer | 11.8 |
| Marshall | 11.5 |
| Crittenden | 11.4 |
| Muhlenberg | 11.2 |
| Webster | 11.0 |
| Boone | 10.9 |
| Warren | 10.6 |
| Washington | 10.6 |
| Bath | 10.3 |
| Montgomery | 10.1 |
| Harrison | 9.8 |
| Lee | 9.6 |
| Marion | 9.6 |
| Owen | 9.2 |
| Calloway | 9.2 |

| County | Rate |
|-----------|------|
| Carlisle | 9.0 |
| Martin | 8.9 |
| Daviess | 8.9 |
| Harlan | 8.8 |
| Hopkins | 8.6 |
| Jackson | 8.6 |
| Metcalfe | 8.5 |
| Larue | 7.9 |
| Nicholas | 7.9 |
| Knox | 7.8 |
| Christian | 7.7 |
| Lewis | 7.5 |
| Mason | 7.5 |
| Graves | 7.3 |
| Russell | 7.2 |
| Bracken | 6.9 |
| Fleming | 6.9 |
| Breathitt | 6.8 |
| Trimble | 6.7 |
| Taylor | 6.7 |
| Letcher | 6.6 |
| Laurel | 6.6 |
| Grayson | 6.5 |
| Johnson | 6.4 |
| Wolfe | 6.0 |
| Knott | 5.8 |
| Pulaski | 5.7 |
| Elliott | 5.7 |
| Caldwell | 5.6 |
| Clinton | 5.6 |

| County | Rate |
|--------------|------|
| Monroe | 5.4 |
| Ohio | 5.4 |
| Logan | 5.3 |
| Hart | 5.3 |
| Bell | 4.9 |
| Wayne | 4.9 |
| Barren | 4.8 |
| Gallatin | 4.8 |
| Whitley | 4.7 |
| Casey | 4.4 |
| Cumberland | 4.3 |
| Breckinridge | 3.5 |
| Morgan | 3.2 |
| Union | 3.0 |
| Adair | 3.0 |
| Pendleton | 2.9 |
| Leslie | 2.9 |
| Clay | 2.9 |
| Carroll | 2.7 |
| Green | 2.6 |
| McCreary | 2.5 |
| Fulton | 2.4 |
| Todd | 2.3 |
| Estill | 2.0 |
| Butler | 1.1 |
| Ballard | 0.0 |
| Edmonson | 0.0 |
| Hickman | 0.0 |
| Owsley | 0.0 |
| Robertson | 0.0 |

Current Overall Incidence Rate
19.64 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.