

KY COVID-19 Weekly Report

December 5, 2022

Weekly Summary

Measure	Total
Cases	1,640,761
Deaths	17,530
New Cases	5,751
New Cases 18 & Under	643
Total New Deaths	28

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
140,422	8.56%	0-9	0.03%	5
217,755	13.27%	10-19	0.07%	13
269,877	16.45%	20-29	0.41%	71
253,373	15.44%	30-39	1.41%	247
230,393	14.04%	40-49	3.77%	661
213,893	13.04%	50-59	9.78%	1,714
163,270	9.95%	60-69	19.97%	3,500
97,941	5.97%	70-79	27.34%	4,792
53,583	3.27%	80+	37.23%	6,527
254	0.02%	Unknown	0.00%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,869	0.35%	American Indian	0.11%	19
14,156	1.02%	Asian	0.41%	70
110,060	7.96%	Black	6.47%	1,093
437	0.03%	Pacific Islander	0.07%	12
1,185,702	85.76%	White	90.24%	15,234
67,342	4.87%	Multiracial	2.68%	453

Cases	Case Percent	Ethnicity	Death Percent	Deaths
54,072	4.23%	Hispanic	1.48%	245
1,224,343	95.77%	Non-Hispanic	98.52%	16,284

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.3% of cases and 96.3% of deaths
 Ethnicity known for 77.9% of cases and 94.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,284	52,658	8.14%

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

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	383
ICU	59
On Ventilator	29

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,081	2,055	79.73%
ICU Beds	1,323	310	81.02%

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	56	6	1	4.4%	3.3%	80.87%	72.38%
Region 2	97	15	12	3.8%	3.5%	80.53%	87.18%
Region 3	34	7	4	5.0%	8.0%	81.94%	80.68%
Region 4	71	16	7	3.1%	3.2%	82.09%	85.77%
Region 5	42	0	0	6.0%	0.0%	98.71%	100.00%
Region 6	65	12	4	4.2%	5.3%	76.94%	63.72%
Region 7	10	1	0	1.7%	1.4%	61.29%	63.77%
Region 8	8	2	1	1.7%	3.7%	61.81%	83.33%

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	1,118
Fayette	305
Warren	222
Hardin	156
Boone	148
Daviess	148
Kenton	140
Pike	102
Bullitt	100
Nelson	87
Campbell	83
Laurel	75
Madison	74
Calloway	66
Christian	63
Barren	62
Oldham	59
McCracken	57
Graves	54
Boyd	51
Shelby	49
Whitley	49
Floyd	46
Greenup	46
Henderson	46
Hopkins	45
Scott	45
Franklin	43
Pulaski	43
Boyle	41

County	Cases
Marshall	38
Montgomery	37
Johnson	36
Mercer	36
Grant	34
Harlan	34
Breckinridge	33
Henry	32
Muhlenberg	32
Perry	32
Clark	31
Allen	30
Carter	30
Hart	30
Jessamine	30
Pendleton	30
Simpson	30
Woodford	30
Bath	29
McCreary	29
Bourbon	28
Rowan	28
Spencer	28
Meade	27
Grayson	24
Knox	24
Taylor	24
Larue	23
Lincoln	21
Knott	20

County	Cases
Anderson	19
Wayne	19
Letcher	18
Russell	18
Trigg	18
Harrison	16
Bell	15
Casey	15
Clay	15
Estill	15
Leslie	15
Logan	15
Adair	14
Magoffin	14
Ohio	14
Lewis	13
McLean	13
Metcalfe	13
Owen	13
Elliott	12
Fleming	12
Hancock	12
Morgan	12
Union	12
Butler	11
Garrard	11
Marion	11
Nicholas	11
Powell	11
Washington	11

County	Cases
Edmonson	10
Webster	10
Carroll	9
Green	9
Breathitt	8
Jackson	8
Martin	8
Mason	8
Trimble	8
Clinton	7
Crittenden	7
Monroe	7
Todd	7
Carlisle	6
Gallatin	6
Lawrence	6
Lyon	6
Bracken	5
Cumberland	5
Rockcastle	5
Menifee	4
Wolfe	4
Caldwell	3
Livingston	3
Fulton	2
Lee	2
Hickman	1
Ballard	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	2,586	14.8%
Fayette	689	3.93%
Hardin	481	2.74%
Kenton	463	2.64%
Daviess	423	2.41%
Warren	408	2.33%
Pike	357	2.04%
Boone	341	1.95%
Pulaski	322	1.84%
Madison	305	1.74%
McCracken	303	1.73%
Laurel	277	1.58%
Hopkins	274	1.56%
Bullitt	252	1.44%
Floyd	240	1.37%
Barren	236	1.35%
Christian	231	1.32%
Whitley	230	1.31%
Harlan	227	1.29%
Campbell	204	1.16%
Perry	204	1.16%
Boyd	201	1.15%
Graves	201	1.15%
Franklin	183	1.04%
Henderson	181	1.03%
Shelby	177	1.01%
Bell	168	0.96%
Knox	166	0.95%
Nelson	166	0.95%
Jessamine	160	0.91%

County	Deaths	Percent
Greenup	158	0.90%
Oldham	156	0.89%
Boyle	152	0.87%
Grayson	148	0.84%
Lincoln	145	0.83%
Taylor	138	0.79%
Letcher	135	0.77%
Johnson	134	0.76%
Logan	134	0.76%
Muhlenberg	133	0.76%
Marshall	125	0.71%
Allen	121	0.69%
Carter	120	0.68%
Montgomery	120	0.68%
Scott	120	0.68%
Ohio	118	0.67%
Mason	115	0.66%
Mercer	115	0.66%
Adair	113	0.64%
Hart	109	0.62%
Clay	106	0.60%
Wayne	106	0.60%
Simpson	102	0.58%
Calloway	101	0.58%
Russell	98	0.56%
Lewis	92	0.52%
Marion	91	0.52%
Breckinridge	89	0.51%
McCreary	89	0.51%
Garrard	88	0.50%

County	Deaths	Percent
Monroe	88	0.50%
Harrison	87	0.50%
Jackson	84	0.48%
Clark	83	0.47%
Casey	82	0.47%
Lawrence	79	0.45%
Rowan	78	0.44%
Anderson	77	0.44%
Larue	77	0.44%
Knott	75	0.43%
Metcalfe	75	0.43%
Fleming	71	0.41%
Bourbon	70	0.40%
Grant	70	0.40%
Breathitt	68	0.39%
Meade	68	0.39%
Washington	67	0.38%
Rockcastle	66	0.38%
Spencer	66	0.38%
Caldwell	65	0.37%
Livingston	65	0.37%
Union	61	0.35%
Magoffin	60	0.34%
Lee	59	0.34%
McLean	59	0.34%
Woodford	59	0.34%
Clinton	57	0.33%
Estill	57	0.33%
Gallatin	56	0.32%
Henry	56	0.32%

County	Deaths	Percent
Leslie	56	0.32%
Butler	55	0.31%
Crittenden	55	0.31%
Carroll	53	0.30%
Edmonson	53	0.30%
Bath	52	0.30%
Webster	52	0.30%
Green	51	0.29%
Martin	50	0.29%
Powell	49	0.28%
Trigg	48	0.27%
Todd	47	0.27%
Trimble	46	0.26%
Pendleton	43	0.25%
Lyon	40	0.23%
Owen	40	0.23%
Ballard	37	0.21%
Morgan	36	0.21%
Fulton	35	0.20%
Menifee	35	0.20%
Nicholas	35	0.20%
Cumberland	33	0.19%
Owsley	32	0.18%
Hickman	31	0.18%
Wolfe	30	0.17%
Bracken	29	0.17%
Hancock	28	0.16%
Carlisle	23	0.13%
Elliott	22	0.13%
Robertson	22	0.13%

Total Deaths
17,530

Incidence Rates by County

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

County	Rate
Bath	33.1
Pendleton	29.4
Henry	28.3
Nelson	26.9
Pike	25.2
Calloway	24.2
McCreary	24.0
Warren	23.9
Mercer	23.4
Johnson	23.2
Simpson	23.1
Breckinridge	23.0
Larue	22.8
Elliott	22.8
Hart	22.5
Leslie	21.7
Nicholas	21.6
Jefferson	20.8
Daviess	20.8
Graves	20.7
Spencer	20.7
Bourbon	20.2
McLean	20.2
Allen	20.1
Hardin	20.1
Barren	20.0
Hancock	19.7
Boyle	19.5
Grant	19.4
Whitley	19.3

County	Rate
Knott	19.3
Montgomery	18.8
Greenup	18.7
Harlan	18.7
Floyd	18.5
Metcalfe	18.4
Carlisle	18.0
Perry	17.7
Laurel	17.6
Trigg	17.6
Bullitt	17.5
Marshall	17.5
Owen	17.0
Magoffin	16.4
Rowan	16.4
Woodford	16.0
Carter	16.0
Boone	15.8
Boyd	15.6
Estill	15.2
Muhlenberg	14.9
Henderson	14.5
Hopkins	14.4
Russell	14.3
Shelby	14.3
Lewis	14.0
Meade	13.5
Trimble	13.5
Fayette	13.5
Wayne	13.3

County	Rate
Taylor	13.3
Casey	13.3
Washington	13.0
Grayson	13.0
Morgan	12.9
Christian	12.8
Powell	12.7
Campbell	12.7
Oldham	12.6
McCracken	12.4
Lincoln	12.2
Clark	12.2
Butler	12.2
Harrison	12.1
Carroll	12.1
Franklin	12.0
Kenton	12.0
Anderson	11.9
Letcher	11.9
Union	11.9
Edmonson	11.8
Fleming	11.8
Green	11.8
Madison	11.4
Crittenden	11.4
Scott	11.3
Webster	11.0
Knox	11.0
Cumberland	10.8
Clay	10.8

County	Rate
Lyon	10.4
Adair	10.4
Martin	10.2
Clinton	9.8
Gallatin	9.7
Pulaski	9.5
Monroe	9.4
Breathitt	9.0
Garrard	8.9
Menifee	8.8
Bracken	8.6
Jackson	8.6
Ohio	8.3
Bell	8.2
Marion	8.2
Todd	8.1
Wolfe	8.0
Jessamine	7.9
Logan	7.9
Mason	6.7
Lawrence	5.6
Fulton	4.8
Livingston	4.7
Rockcastle	4.3
Lee	3.9
Caldwell	3.4
Hickman	3.3
Ballard	0.0
Owsley	0.0
Robertson	0.0

Current Overall Incidence Rate
16.29 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.