

KY COVID-19 Report 05DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	798,351	563,435	234,916
Deaths	11,226	9,874	1,352
New Cases	1,194	850	344
New Cases 18 and Under	271	184	87
Total New Deaths	68	57	11

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
56,749	7.1%	0-9	0.0%	2
110,001	13.8%	10-19	0.1%	7
135,678	17.0%	20-29	0.4%	43
123,846	15.5%	30-39	1.3%	142
115,221	14.4%	40-49	3.8%	429
105,664	13.2%	50-59	9.5%	1,070
79,016	9.9%	60-69	19.9%	2,235
45,941	5.8%	70-79	26.8%	3,014
25,992	3.3%	80+	38.2%	4,284
243	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,265	0.3%	American Indian	0.1%	13
5,873	0.9%	Asian	0.5%	50
51,615	7.7%	Black	7.2%	768
381	0.1%	Pacific Islander	0.1%	7
578,979	86.0%	White	89.4%	9,584
34,503	5.1%	Multiracial	2.8%	302

Cases	Case Percent	Ethnicity	Death Percent	Deaths
28,955	4.5%	Hispanic	1.5%	160
611,047	95.5%	Non-Hispanic	98.5%	10,295

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.4% of cases and 95.5% of deaths
Ethnicity known for 80.2% of cases and 93.1% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,239	102,432	9.02%

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

Testing Type Summary

Total Tests	Total PCR Tests	Total Serology Tests	Total Antigen Tests	Total Positive Tests	Total PCR Positive	Total Serology Positive	Total Antigen Positive
10,692,800	7,851,007	402,461	2,169,019	970,181	662,371	54,037	253,773

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,378	4.18%
Ever ICU	6,453	0.81%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,039
ICU	301
On Ventilator	155

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,191	3,997	69.7%
ICU Beds	1,254	146	89.6%
Ventilators	639	1,256	33.7%

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	39	11	5	4.9%	13.8%	5.2%	59.13%	91.25%	19.79%
Region 2	71	16	16	9.2%	22.2%	18.4%	65.25%	91.67%	28.74%
Region 3	334	98	43	9.0%	26.5%	9.6%	73.64%	95.68%	39.46%
Region 4	60	20	13	7.1%	20.4%	9.9%	62.00%	93.88%	19.85%
Region 5	180	57	26	6.3%	16.4%	4.6%	71.43%	90.78%	38.93%
Region 6	112	19	10	9.2%	22.4%	7.8%	84.77%	97.65%	46.51%
Region 7	73	24	17	11.3%	29.6%	13.8%	71.43%	49.38%	24.39%
Region 8	84	27	12	6.9%	21.1%	7.9%	63.01%	90.63%	31.79%
Region 9	63	19	11	9.6%	21.3%	11.1%	60.21%	76.40%	21.21%
Region 10	23	10	2	4.8%	20.0%	2.7%	56.37%	94.00%	21.92%

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.

Region 1:

Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Trigg

Region 3:

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

Region 5:

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

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 9:

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

Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 4:

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

Region 6:

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

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 10:

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

Total Cases by County

County	Cases	Percent
Jefferson	127,791	16.0%
Fayette	54,348	6.8%
Warren	27,398	3.4%
Kenton	26,059	3.3%
Boone	22,371	2.8%
Hardin	19,472	2.4%
Daviess	18,652	2.3%
Madison	17,205	2.2%
Campbell	13,554	1.7%
Laurel	13,360	1.7%
Bullitt	12,997	1.6%
Pulaski	11,445	1.4%
Pike	11,401	1.4%
Oldham	10,883	1.4%
McCracken	10,833	1.4%
Christian	10,733	1.3%
Whitley	9,335	1.2%
Scott	9,233	1.2%
Boyd	9,158	1.1%
Hopkins	9,059	1.1%
Nelson	8,952	1.1%
Jessamine	8,794	1.1%
Barren	8,703	1.1%
Henderson	8,435	1.1%
Franklin	7,717	1.0%
Shelby	7,663	1.0%
Floyd	7,656	1.0%
Graves	7,560	0.9%
Knox	7,524	0.9%
Greenup	7,055	0.9%

County	Cases	Percent
Perry	6,464	0.8%
Taylor	6,023	0.8%
Muhlenberg	6,016	0.8%
Bell	6,005	0.8%
Harlan	5,939	0.7%
Clark	5,694	0.7%
Boyle	5,672	0.7%
Calloway	5,378	0.7%
Logan	5,314	0.7%
Marshall	5,244	0.7%
Clay	5,218	0.7%
Grayson	5,104	0.6%
Carter	4,976	0.6%
Montgomery	4,785	0.6%
Mercer	4,731	0.6%
Ohio	4,680	0.6%
Grant	4,669	0.6%
Lincoln	4,522	0.6%
Letcher	4,215	0.5%
Marion	4,203	0.5%
Rowan	4,184	0.5%
Russell	4,084	0.5%
Allen	4,038	0.5%
Johnson	3,960	0.5%
Anderson	3,864	0.5%
Woodford	3,815	0.5%
Hart	3,781	0.5%
McCreary	3,753	0.5%
Adair	3,728	0.5%
Harrison	3,718	0.5%

County	Cases	Percent
Meade	3,633	0.5%
Bourbon	3,569	0.4%
Simpson	3,499	0.4%
Wayne	3,444	0.4%
Rockcastle	3,386	0.4%
Spencer	3,189	0.4%
Breckinridge	3,178	0.4%
Morgan	3,047	0.4%
Garrard	2,990	0.4%
Lawrence	2,939	0.4%
Powell	2,908	0.4%
Jackson	2,887	0.4%
Henry	2,865	0.4%
Casey	2,853	0.4%
Lewis	2,799	0.4%
Mason	2,778	0.3%
Union	2,638	0.3%
Webster	2,573	0.3%
Caldwell	2,554	0.3%
Knott	2,540	0.3%
Green	2,533	0.3%
Washington	2,528	0.3%
Butler	2,527	0.3%
Larue	2,514	0.3%
Magoffin	2,493	0.3%
Monroe	2,479	0.3%
Estill	2,472	0.3%
Fleming	2,360	0.3%
Trigg	2,341	0.3%
Clinton	2,324	0.3%

County	Cases	Percent
Leslie	2,307	0.3%
Pendleton	2,201	0.3%
Carroll	2,143	0.3%
Breathitt	2,139	0.3%
Martin	2,068	0.3%
Metcalfe	2,060	0.3%
Lyon	2,033	0.3%
Todd	1,921	0.2%
Bath	1,835	0.2%
Lee	1,812	0.2%
Edmonson	1,643	0.2%
McLean	1,629	0.2%
Hancock	1,521	0.2%
Owen	1,513	0.2%
Livingston	1,506	0.2%
Cumberland	1,411	0.2%
Elliott	1,409	0.2%
Trimble	1,371	0.2%
Gallatin	1,369	0.2%
Crittenden	1,359	0.2%
Bracken	1,316	0.2%
Wolfe	1,289	0.2%
Nicholas	1,280	0.2%
Owsley	1,039	0.1%
Menifee	921	0.1%
Fulton	845	0.1%
Ballard	758	0.1%
Carlisle	692	0.1%
Hickman	589	0.1%
Robertson	400	0.1%

Total Cases
798,351

New Cases by County

County	Cases	Percent
Jefferson	193	16.2%
Fayette	62	5.2%
Warren	56	4.7%
Boone	54	4.5%
Daviess	53	4.4%
Kenton	50	4.2%
Hardin	40	3.4%
Madison	40	3.4%
Henderson	33	2.8%
Bullitt	29	2.4%
Campbell	28	2.3%
Barren	25	2.1%
Oldham	22	1.8%
Floyd	19	1.6%
Henry	18	1.5%
McCracken	18	1.5%
Scott	16	1.3%
Nelson	14	1.2%
Shelby	14	1.2%
Woodford	14	1.2%
Franklin	12	1.0%
Logan	12	1.0%
Jessamine	11	0.9%
McLean	11	0.9%
Pulaski	11	0.9%
Carter	10	0.8%
Harrison	10	0.8%
Metcalfe	10	0.8%
Muhlenberg	10	0.8%
Spencer	10	0.8%

County	Cases	Percent
Adair	9	0.8%
Christian	9	0.8%
Clark	9	0.8%
Laurel	9	0.8%
Lewis	9	0.8%
Union	9	0.8%
Breckinridge	8	0.7%
Estill	8	0.7%
Grant	8	0.7%
Grayson	8	0.7%
Anderson	7	0.6%
Greenup	7	0.6%
Meade	7	0.6%
Rockcastle	7	0.6%
Rowan	7	0.6%
Calloway	6	0.5%
Garrard	6	0.5%
Knox	6	0.5%
Ohio	6	0.5%
Simpson	6	0.5%
Bourbon	5	0.4%
Carroll	5	0.4%
Marion	5	0.4%
Pike	5	0.4%
Powell	5	0.4%
Russell	5	0.4%
Boyle	4	0.3%
Graves	4	0.3%
Larue	4	0.3%
Nicholas	4	0.3%

County	Cases	Percent
Pendleton	4	0.3%
Taylor	4	0.3%
Webster	4	0.3%
Allen	3	0.3%
Bath	3	0.3%
Bell	3	0.3%
Boyd	3	0.3%
Hopkins	3	0.3%
Lawrence	3	0.3%
Livingston	3	0.3%
Marshall	3	0.3%
Robertson	3	0.3%
Trigg	3	0.3%
Trimble	3	0.3%
Bracken	2	0.2%
Caldwell	2	0.2%
Casey	2	0.2%
Clay	2	0.2%
Clinton	2	0.2%
Hart	2	0.2%
Lincoln	2	0.2%
Menifee	2	0.2%
Mercer	2	0.2%
Montgomery	2	0.2%
Morgan	2	0.2%
Owen	2	0.2%
Whitley	2	0.2%
Breathitt	1	0.1%
Butler	1	0.1%
Crittenden	1	0.1%

County	Cases	Percent
Cumberland	1	0.1%
Edmonson	1	0.1%
Elliott	1	0.1%
Fulton	1	0.1%
Gallatin	1	0.1%
Green	1	0.1%
Hancock	1	0.1%
Harlan	1	0.1%
Johnson	1	0.1%
Leslie	1	0.1%
Lyon	1	0.1%
McCreary	1	0.1%
Magoffin	1	0.1%
Mason	1	0.1%
Perry	1	0.1%
Todd	1	0.1%
Wayne	1	0.1%
Wolfe	1	0.1%
Ballard	0	0.0%
Carlisle	0	0.0%
Fleming	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Lee	0	0.0%
Letcher	0	0.0%
Martin	0	0.0%
Monroe	0	0.0%
Owsley	0	0.0%
Washington	0	0.0%

Total New Cases
1,194

Total Deaths by County

County	Deaths	Percent
Jefferson	1,717	15.3%
Fayette	451	4.0%
Hardin	321	2.9%
Kenton	289	2.6%
Warren	287	2.6%
Daviess	285	2.5%
Boone	217	1.9%
Hopkins	215	1.9%
Pike	209	1.9%
Madison	200	1.8%
Pulaski	197	1.8%
McCracken	195	1.7%
Barren	163	1.5%
Laurel	162	1.4%
Christian	154	1.4%
Bullitt	148	1.3%
Harlan	144	1.3%
Floyd	136	1.2%
Graves	132	1.2%
Whitley	126	1.1%
Henderson	123	1.1%
Perry	122	1.1%
Boyd	119	1.1%
Shelby	116	1.0%
Campbell	114	1.0%
Bell	111	1.0%
Jessamine	106	0.9%
Lincoln	105	0.9%
Oldham	104	0.9%
Franklin	103	0.9%

County	Deaths	Percent
Nelson	103	0.9%
Boyle	100	0.9%
Grayson	100	0.9%
Greenup	97	0.9%
Muhlenberg	97	0.9%
Taylor	93	0.8%
Logan	92	0.8%
Knox	89	0.8%
Ohio	89	0.8%
Mercer	87	0.8%
Adair	83	0.7%
Marshall	82	0.7%
Letcher	79	0.7%
Allen	75	0.7%
Mason	74	0.7%
Hart	72	0.6%
Carter	70	0.6%
Johnson	70	0.6%
Wayne	69	0.6%
Montgomery	67	0.6%
Simpson	65	0.6%
Calloway	64	0.6%
Clay	64	0.6%
Monroe	64	0.6%
Scott	62	0.6%
McCreary	61	0.5%
Lewis	60	0.5%
Russell	60	0.5%
Casey	58	0.5%
Garrard	54	0.5%

County	Deaths	Percent
Jackson	53	0.5%
Larue	53	0.5%
Marion	53	0.5%
Anderson	52	0.5%
Caldwell	52	0.5%
Harrison	52	0.5%
Metcalfe	48	0.4%
Washington	48	0.4%
Clark	47	0.4%
Meade	47	0.4%
Livingston	46	0.4%
Breckinridge	44	0.4%
Lawrence	44	0.4%
Gallatin	43	0.4%
Knott	43	0.4%
Union	42	0.4%
Webster	42	0.4%
Breathitt	41	0.4%
Butler	41	0.4%
Fleming	41	0.4%
Grant	41	0.4%
McLean	41	0.4%
Rockcastle	41	0.4%
Spencer	40	0.4%
Bourbon	39	0.3%
Rowan	39	0.3%
Crittenden	37	0.3%
Lee	37	0.3%
Martin	37	0.3%
Todd	36	0.3%

County	Deaths	Percent
Clinton	35	0.3%
Green	35	0.3%
Henry	34	0.3%
Bath	33	0.3%
Edmonson	33	0.3%
Leslie	32	0.3%
Carroll	31	0.3%
Woodford	31	0.3%
Estill	30	0.3%
Magoffin	29	0.3%
Owen	28	0.2%
Trigg	27	0.2%
Lyon	26	0.2%
Pendleton	26	0.2%
Ballard	24	0.2%
Menifee	24	0.2%
Nicholas	24	0.2%
Powell	24	0.2%
Trimble	23	0.2%
Hickman	22	0.2%
Fulton	21	0.2%
Owsley	21	0.2%
Bracken	18	0.2%
Cumberland	18	0.2%
Hancock	18	0.2%
Robertson	16	0.1%
Morgan	15	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%
Elliott	12	0.1%

Total Deaths
11,226

Incidence Rates by County

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

County	Rate
Powell	128.3
Cumberland	127.4
Robertson	122.0
McLean	99.3
Carroll	94.1
Lawrence	90.5
Lewis	90.4
Hancock	90.1
Harlan	89.5
Greenup	88.7
Union	83.4
Harrison	80.9
Woodford	79.1
Metcalfe	78.0
Bracken	77.4
Monroe	76.5
Magoffin	76.4
Spencer	73.1
Carter	69.8
Bath	69.7
Fleming	69.6
Simpson	68.5
Jackson	67.5
Trimble	67.5
Rowan	66.6
Daviess	66.6
Madison	63.9
Ohio	63.7
Barren	62.0
Allen	61.7

County	Rate
Owen	61.6
Floyd	61.4
Muhlenberg	60.6
Grant	60.4
Whitley	59.9
Nelson	59.3
Letcher	59.0
Warren	58.8
Hardin	58.7
Anderson	58.4
Boyd	58.1
Gallatin	58.0
Knox	56.9
Breckinridge	56.5
Butler	55.5
Menifee	55.0
Jessamine	54.9
Marion	54.9
Estill	54.7
Wolfe	53.9
Bourbon	53.4
Bullitt	53.3
Hart	53.3
Clinton	53.1
Pike	52.3
Boone	51.9
Henderson	51.5
Henry	51.4
Webster	49.7
Laurel	49.6

County	Rate
Oldham	48.5
Washington	48.4
Kenton	47.6
Rockcastle	47.1
Pendleton	47.0
Mason	46.9
Lyon	45.2
Campbell	44.1
McCracken	43.5
Russell	41.4
Adair	40.9
Grayson	40.0
Mercer	39.7
Hopkins	39.6
Logan	39.5
Carlisle	39.0
Jefferson	38.9
Edmonson	38.8
Graves	38.7
Franklin	38.1
Garrard	38.0
Shelby	37.6
Scott	37.1
Larue	36.7
Fulton	33.5
Fayette	32.6
Casey	31.8
Meade	31.5
Caldwell	31.4
Bell	31.3

County	Rate
Perry	31.1
Crittenden	30.8
Martin	30.6
Breathitt	29.4
Todd	29.1
Leslie	28.9
McCreary	28.2
Morgan	27.9
Nicholas	27.5
Clay	27.3
Trigg	26.3
Taylor	26.1
Clark	26.0
Marshall	25.7
Johnson	25.1
Lee	25.1
Livingston	24.9
Montgomery	24.9
Elliott	24.7
Christian	22.9
Owsley	22.7
Boyle	22.3
Ballard	21.7
Knott	21.2
Hickman	19.6
Calloway	19.4
Lincoln	18.0
Pulaski	16.3
Green	15.7
Wayne	11.2

Current Overall Incidence Rate
46.52 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.