

KY COVID-19 Report 20DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	831,003	584,107	246,896
Deaths	11,847	10,404	1,443
New Cases	1,215	933	282
New Cases 18 and Under	210	160	50
Total New Deaths	32	28	4

Duplicates and records not meeting case criteria removed since last report: 3

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
60,281	7.3%	0-9	0.0%	2
114,852	13.8%	10-19	0.1%	9
140,764	16.9%	20-29	0.4%	45
129,035	15.5%	30-39	1.3%	152
119,656	14.4%	40-49	3.9%	459
109,829	13.2%	50-59	9.7%	1,144
82,086	9.9%	60-69	20.0%	2,373
47,548	5.7%	70-79	27.0%	3,199
26,706	3.2%	80+	37.7%	4,464
246	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,444	0.3%	American Indian	0.1%	14
6,119	0.9%	Asian	0.5%	52
53,359	7.6%	Black	7.1%	804
382	0.1%	Pacific Islander	0.1%	7
603,039	86.0%	White	89.5%	10,136
35,659	5.1%	Multiracial	2.8%	312

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,743	4.5%	Hispanic	1.5%	167
635,177	95.5%	Non-Hispanic	98.5%	10,885

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.4% of cases and 95.6% of deaths
Ethnicity known for 80.0% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,412	102,250	9.20%

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
11,089,246	8,088,853	404,852	2,317,405	1,008,545	686,680	54,643	267,222

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,284	4.13%
Ever ICU	6,593	0.79%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,206
ICU	325
On Ventilator	176

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,580	4,250	69.3%
ICU Beds	1,247	154	89.0%
Ventilators	639	1,250	33.8%

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	56	17	5	7.3%	23.0%	5.2%	57.07%	87.84%	19.59%
Region 2	86	19	10	10.7%	26.4%	11.6%	67.04%	87.50%	39.53%
Region 3	389	102	54	10.5%	27.4%	11.9%	71.64%	94.89%	40.75%
Region 4	59	21	16	7.1%	23.1%	12.3%	58.68%	87.91%	16.92%
Region 5	220	66	35	6.2%	18.5%	6.4%	76.95%	91.32%	36.79%
Region 6	120	24	13	9.8%	28.9%	10.1%	81.07%	100.00%	43.41%
Region 7	81	18	8	12.5%	21.7%	6.2%	65.48%	50.60%	17.05%
Region 8	87	24	14	7.3%	19.4%	9.3%	54.43%	89.52%	31.13%
Region 9	82	20	15	12.8%	22.0%	15.3%	63.30%	79.12%	27.55%
Region 10	26	14	6	5.4%	25.9%	9.1%	55.69%	96.30%	37.88%

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	132,478	15.9%
Fayette	56,175	6.8%
Warren	28,204	3.4%
Kenton	27,304	3.3%
Boone	23,479	2.8%
Hardin	20,347	2.4%
Daviess	19,553	2.4%
Madison	18,105	2.2%
Campbell	14,264	1.7%
Laurel	13,755	1.7%
Bullitt	13,525	1.6%
Pulaski	11,910	1.4%
Pike	11,802	1.4%
McCracken	11,409	1.4%
Oldham	11,373	1.4%
Christian	11,071	1.3%
Scott	9,689	1.2%
Boyd	9,672	1.2%
Whitley	9,589	1.2%
Nelson	9,350	1.1%
Hopkins	9,318	1.1%
Jessamine	9,135	1.1%
Barren	9,030	1.1%
Henderson	8,806	1.1%
Franklin	8,154	1.0%
Shelby	7,909	1.0%
Floyd	7,899	1.0%
Knox	7,873	0.9%
Graves	7,791	0.9%
Greenup	7,393	0.9%

County	Cases	Percent
Perry	6,744	0.8%
Muhlenberg	6,259	0.8%
Taylor	6,252	0.8%
Harlan	6,180	0.7%
Bell	6,135	0.7%
Clark	6,045	0.7%
Boyle	5,821	0.7%
Calloway	5,512	0.7%
Logan	5,493	0.7%
Marshall	5,393	0.6%
Clay	5,298	0.6%
Carter	5,274	0.6%
Grayson	5,264	0.6%
Montgomery	4,949	0.6%
Grant	4,942	0.6%
Ohio	4,883	0.6%
Mercer	4,863	0.6%
Lincoln	4,633	0.6%
Letcher	4,393	0.5%
Marion	4,380	0.5%
Rowan	4,356	0.5%
Russell	4,253	0.5%
Allen	4,213	0.5%
Johnson	4,092	0.5%
Anderson	4,020	0.5%
Woodford	3,986	0.5%
McCreary	3,975	0.5%
Hart	3,937	0.5%
Adair	3,885	0.5%
Harrison	3,885	0.5%

County	Cases	Percent
Meade	3,796	0.5%
Bourbon	3,718	0.4%
Simpson	3,659	0.4%
Wayne	3,636	0.4%
Rockcastle	3,467	0.4%
Breckinridge	3,364	0.4%
Spencer	3,332	0.4%
Morgan	3,169	0.4%
Garrard	3,106	0.4%
Lawrence	3,106	0.4%
Henry	3,036	0.4%
Powell	3,031	0.4%
Jackson	3,003	0.4%
Lewis	3,001	0.4%
Mason	2,958	0.4%
Casey	2,952	0.4%
Union	2,851	0.3%
Washington	2,637	0.3%
Caldwell	2,632	0.3%
Webster	2,617	0.3%
Green	2,616	0.3%
Knott	2,610	0.3%
Butler	2,600	0.3%
Estill	2,598	0.3%
Monroe	2,579	0.3%
Magoffin	2,573	0.3%
Larue	2,570	0.3%
Fleming	2,515	0.3%
Trigg	2,454	0.3%
Clinton	2,452	0.3%

County	Cases	Percent
Leslie	2,400	0.3%
Pendleton	2,294	0.3%
Carroll	2,269	0.3%
Breathitt	2,226	0.3%
Martin	2,173	0.3%
Metcalfe	2,155	0.3%
Lyon	2,082	0.3%
Todd	1,982	0.2%
Bath	1,972	0.2%
Lee	1,859	0.2%
McLean	1,720	0.2%
Edmonson	1,705	0.2%
Owen	1,635	0.2%
Hancock	1,623	0.2%
Livingston	1,600	0.2%
Cumberland	1,485	0.2%
Trimble	1,475	0.2%
Elliott	1,463	0.2%
Gallatin	1,439	0.2%
Bracken	1,420	0.2%
Crittenden	1,418	0.2%
Wolfe	1,408	0.2%
Nicholas	1,318	0.2%
Menifee	1,062	0.1%
Owsley	1,049	0.1%
Fulton	865	0.1%
Ballard	813	0.1%
Carlisle	725	0.1%
Hickman	597	0.1%
Robertson	447	0.1%

Total Cases
831,003

New Cases by County

County	Cases	Percent
Jefferson	280	23.0%
Kenton	70	5.8%
Fayette	69	5.7%
Boone	62	5.1%
Campbell	46	3.8%
Warren	45	3.7%
Madison	32	2.6%
Franklin	30	2.5%
Daviess	28	2.3%
Bullitt	24	2.0%
Hardin	23	1.9%
Jessamine	20	1.6%
Oldham	19	1.6%
Carter	16	1.3%
Clark	16	1.3%
McCracken	16	1.3%
Logan	14	1.2%
Pike	13	1.1%
Breckinridge	12	1.0%
Greenup	12	1.0%
Henry	11	0.9%
Perry	11	0.9%
Pulaski	11	0.9%
Rowan	11	0.9%
Trimble	10	0.8%
Boyle	9	0.7%
Graves	9	0.7%
Scott	9	0.7%
Henderson	8	0.7%
Marion	8	0.7%

County	Cases	Percent
Mercer	8	0.7%
Nelson	8	0.7%
Shelby	8	0.7%
Whitley	8	0.7%
Allen	7	0.6%
Anderson	7	0.6%
Barren	7	0.6%
Grant	7	0.6%
Bell	6	0.5%
Carroll	6	0.5%
Grayson	6	0.5%
Knox	6	0.5%
McCreary	6	0.5%
Simpson	6	0.5%
Taylor	6	0.5%
Christian	5	0.4%
Garrard	5	0.4%
Hart	5	0.4%
Hopkins	5	0.4%
Laurel	5	0.4%
Menifee	5	0.4%
Ohio	5	0.4%
Pendleton	5	0.4%
Rockcastle	5	0.4%
Woodford	5	0.4%
Boyd	4	0.3%
Calloway	4	0.3%
Knott	4	0.3%
Montgomery	4	0.3%
Muhlenberg	4	0.3%

County	Cases	Percent
Spencer	4	0.3%
Trigg	4	0.3%
Washington	4	0.3%
Bourbon	3	0.2%
Bracken	3	0.2%
Cumberland	3	0.2%
Estill	3	0.2%
Harrison	3	0.2%
Jackson	3	0.2%
Lawrence	3	0.2%
Lewis	3	0.2%
Lincoln	3	0.2%
Marshall	3	0.2%
Metcalfe	3	0.2%
Russell	3	0.2%
Union	3	0.2%
Wayne	3	0.2%
Webster	3	0.2%
Adair	2	0.2%
Ballard	2	0.2%
Bath	2	0.2%
Caldwell	2	0.2%
Casey	2	0.2%
Clay	2	0.2%
Johnson	2	0.2%
Larue	2	0.2%
Lee	2	0.2%
Leslie	2	0.2%
Letcher	2	0.2%
Mason	2	0.2%

County	Cases	Percent
Powell	2	0.2%
Wolfe	2	0.2%
Breathitt	1	0.1%
Clinton	1	0.1%
Crittenden	1	0.1%
Elliott	1	0.1%
Fleming	1	0.1%
Floyd	1	0.1%
Fulton	1	0.1%
Gallatin	1	0.1%
Harlan	1	0.1%
McLean	1	0.1%
Martin	1	0.1%
Meade	1	0.1%
Morgan	1	0.1%
Todd	1	0.1%
Butler	0	0.0%
Carlisle	0	0.0%
Edmonson	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Livingston	0	0.0%
Lyon	0	0.0%
Magoffin	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%

Total New Cases
1,215

Total Deaths by County

County	Deaths	Percent
Jefferson	1,790	15.1%
Fayette	467	3.9%
Hardin	337	2.8%
Kenton	307	2.6%
Daviess	304	2.6%
Warren	295	2.5%
Boone	226	1.9%
Pike	222	1.9%
Hopkins	218	1.8%
Pulaski	213	1.8%
Madison	212	1.8%
McCracken	202	1.7%
Barren	175	1.5%
Laurel	175	1.5%
Christian	172	1.5%
Bullitt	156	1.3%
Harlan	152	1.3%
Floyd	144	1.2%
Whitley	140	1.2%
Graves	135	1.1%
Henderson	130	1.1%
Perry	128	1.1%
Boyd	125	1.1%
Shelby	123	1.0%
Campbell	118	1.0%
Bell	117	1.0%
Boyle	114	1.0%
Oldham	112	0.9%
Franklin	111	0.9%
Jessamine	110	0.9%

County	Deaths	Percent
Nelson	108	0.9%
Knox	105	0.9%
Lincoln	105	0.9%
Greenup	104	0.9%
Grayson	101	0.9%
Muhlenberg	99	0.8%
Taylor	99	0.8%
Logan	97	0.8%
Mercer	93	0.8%
Ohio	89	0.8%
Adair	86	0.7%
Marshall	85	0.7%
Letcher	83	0.7%
Mason	81	0.7%
Allen	79	0.7%
Hart	77	0.6%
Johnson	75	0.6%
Carter	74	0.6%
Wayne	71	0.6%
Montgomery	70	0.6%
Scott	70	0.6%
Simpson	69	0.6%
Monroe	67	0.6%
Calloway	66	0.6%
McCreary	66	0.6%
Clay	65	0.5%
Lewis	65	0.5%
Russell	62	0.5%
Casey	61	0.5%
Marion	61	0.5%

County	Deaths	Percent
Jackson	58	0.5%
Anderson	56	0.5%
Garrard	56	0.5%
Harrison	56	0.5%
Larue	55	0.5%
Caldwell	53	0.4%
Washington	51	0.4%
Breckinridge	49	0.4%
Meade	49	0.4%
Clark	48	0.4%
Metcalfe	48	0.4%
Lawrence	47	0.4%
Livingston	47	0.4%
Rowan	46	0.4%
Breathitt	45	0.4%
Gallatin	44	0.4%
Knott	44	0.4%
Rockcastle	44	0.4%
Union	44	0.4%
Butler	43	0.4%
Spencer	43	0.4%
Webster	43	0.4%
Bourbon	42	0.4%
Clinton	41	0.3%
Fleming	41	0.3%
Grant	41	0.3%
McLean	41	0.3%
Lee	40	0.3%
Martin	39	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Estill	37	0.3%
Todd	37	0.3%
Henry	36	0.3%
Green	35	0.3%
Leslie	35	0.3%
Woodford	35	0.3%
Bath	34	0.3%
Carroll	34	0.3%
Edmonson	34	0.3%
Magoffin	34	0.3%
Lyon	29	0.2%
Owen	29	0.2%
Pendleton	29	0.2%
Trigg	29	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Powell	27	0.2%
Ballard	25	0.2%
Menifee	25	0.2%
Fulton	22	0.2%
Hickman	22	0.2%
Owsley	22	0.2%
Bracken	20	0.2%
Cumberland	19	0.2%
Hancock	18	0.2%
Morgan	17	0.1%
Robertson	16	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths
11,847

Incidence Rates by County

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

County	Rate
Robertson	216.9
Wolfe	119.8
Menifee	114.5
Union	109.3
Lewis	103.3
Trimble	102.9
Carter	81.0
Hancock	80.3
Carroll	79.3
Monroe	79.1
Henry	75.3
Fleming	70.5
Greenup	69.2
Lawrence	69.0
Breckinridge	67.7
Perry	67.7
Mason	66.1
Daviess	66.0
Metcalfe	65.3
Estill	64.8
Boyd	63.6
Madison	62.8
Breathitt	61.1
Elliott	60.8
Letcher	58.3
Clark	58.3
Bath	58.3
Washington	57.9
Powell	57.8
Allen	57.6

County	Rate
Grant	56.4
Marion	56.3
Bracken	55.1
Martin	54.9
Henderson	54.3
Knox	54.1
Simpson	53.8
Hart	53.3
Rowan	53.1
Nelson	52.8
Jackson	52.5
Lee	52.1
Bourbon	52.0
Harlan	51.1
Ohio	50.6
Campbell	50.4
Boone	50.3
Garrard	50.1
Pendleton	49.9
Owen	49.8
Floyd	48.6
McCracken	48.3
Muhlenberg	48.1
Spencer	48.0
Barren	47.5
Oldham	47.0
Hardin	46.9
Laurel	46.7
Logan	46.4
Franklin	46.2

County	Rate
Bullitt	45.8
Kenton	45.3
Gallatin	45.1
Harrison	44.6
Jefferson	43.5
Meade	43.0
Morgan	42.9
Carlisle	42.0
Russell	41.4
Jessamine	41.4
Whitley	41.4
Scott	41.1
Cumberland	41.0
Grayson	40.5
Mercer	40.4
McLean	40.3
Trigg	40.0
Warren	38.9
Fayette	38.2
Woodford	37.4
Boyle	37.1
Hopkins	36.1
Leslie	34.7
Bell	34.6
Livingston	34.2
Crittenden	34.1
Pike	33.6
Anderson	33.3
Ballard	32.6
Todd	32.5

County	Rate
Shelby	32.1
Adair	32.0
Graves	31.4
Rockcastle	30.8
Marshall	29.4
Johnson	29.0
Knott	28.9
Edmonson	28.2
Butler	27.7
Taylor	27.2
Magoffin	27.0
Clay	26.6
Larue	25.8
McCreary	25.7
Lyon	24.4
Wayne	23.9
Calloway	23.1
Green	22.2
Fulton	21.5
Caldwell	21.3
Montgomery	20.3
Webster	19.9
Lincoln	19.8
Nicholas	17.7
Casey	17.7
Christian	16.8
Pulaski	16.0
Clinton	14.0
Hickman	6.5
Owsley	6.5

Current Overall Incidence Rate
45.00 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.