

KY COVID-19 Report 22DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	836,441	587,516	248,925
Deaths	11,918	10,463	1,455
New Cases	2,913	1,861	1,052
New Cases 18 and Under	541	307	234
Total New Deaths	36	32	4

Duplicates and records not meeting case criteria removed since last report: 19

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
60,727	7.3%	0-9	0.0%	2
115,530	13.8%	10-19	0.1%	9
141,739	16.9%	20-29	0.4%	45
129,974	15.5%	30-39	1.3%	153
120,411	14.4%	40-49	3.9%	461
110,559	13.2%	50-59	9.7%	1,153
82,602	9.9%	60-69	20.0%	2,389
47,837	5.7%	70-79	27.0%	3,219
26,817	3.2%	80+	37.6%	4,487
245	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,468	0.4%	American Indian	0.1%	14
6,156	0.9%	Asian	0.5%	52
53,595	7.6%	Black	7.1%	805
382	0.1%	Pacific Islander	0.1%	7
606,267	86.0%	White	89.5%	10,202
35,789	5.1%	Multiracial	2.8%	314

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,876	4.5%	Hispanic	1.5%	167
639,043	95.5%	Non-Hispanic	98.5%	10,947

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.2% 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
10,002	104,031	9.61%

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
11,141,055	8,121,216	404,963	2,335,291	1,014,894	690,623	54,676	269,595

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,403	4.11%
Ever ICU	6,615	0.79%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,210
ICU	327
On Ventilator	185

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,177	4,045	69.4%
ICU Beds	1,268	143	89.9%
Ventilators	653	1,254	34.2%

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	57	18	3	7.3%	26.1%	3.1%	60.89%	94.20%	4.12%
Region 2	76	21	12	9.8%	28.8%	14.0%	68.77%	97.26%	41.86%
Region 3	415	101	59	11.1%	26.0%	13.2%	71.98%	92.53%	40.63%
Region 4	60	20	15	7.1%	24.1%	11.5%	59.86%	97.59%	20.77%
Region 5	211	64	39	7.3%	17.7%	6.9%	74.44%	90.58%	38.72%
Region 6	125	26	13	10.2%	29.5%	10.1%	81.23%	86.36%	45.74%
Region 7	84	20	10	13.0%	25.0%	7.8%	72.71%	66.25%	16.28%
Region 8	87	25	12	7.2%	19.7%	7.8%	56.19%	88.98%	33.12%
Region 9	65	20	17	10.1%	22.0%	17.0%	60.96%	81.32%	31.00%
Region 10	30	12	5	6.3%	23.5%	7.0%	60.63%	96.08%	33.80%

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	133,355	15.9%
Fayette	56,590	6.8%
Warren	28,322	3.4%
Kenton	27,456	3.3%
Boone	23,631	2.8%
Hardin	20,469	2.4%
Daviess	19,679	2.4%
Madison	18,269	2.2%
Campbell	14,361	1.7%
Laurel	13,872	1.7%
Bullitt	13,606	1.6%
Pulaski	12,011	1.4%
Pike	11,873	1.4%
McCracken	11,498	1.4%
Oldham	11,441	1.4%
Christian	11,143	1.3%
Boyd	9,817	1.2%
Scott	9,755	1.2%
Whitley	9,645	1.2%
Nelson	9,430	1.1%
Hopkins	9,372	1.1%
Jessamine	9,203	1.1%
Barren	9,084	1.1%
Henderson	8,852	1.1%
Franklin	8,205	1.0%
Floyd	7,949	1.0%
Shelby	7,949	1.0%
Knox	7,920	0.9%
Graves	7,837	0.9%
Greenup	7,440	0.9%

County	Cases	Percent
Perry	6,775	0.8%
Muhlenberg	6,291	0.8%
Taylor	6,277	0.8%
Harlan	6,217	0.7%
Bell	6,155	0.7%
Clark	6,134	0.7%
Boyle	5,845	0.7%
Calloway	5,538	0.7%
Logan	5,516	0.7%
Marshall	5,465	0.7%
Carter	5,320	0.6%
Clay	5,312	0.6%
Grayson	5,294	0.6%
Montgomery	4,965	0.6%
Grant	4,956	0.6%
Ohio	4,919	0.6%
Mercer	4,876	0.6%
Lincoln	4,649	0.6%
Letcher	4,429	0.5%
Marion	4,394	0.5%
Rowan	4,381	0.5%
Russell	4,285	0.5%
Allen	4,237	0.5%
Johnson	4,107	0.5%
Anderson	4,055	0.5%
Woodford	4,012	0.5%
McCreary	4,007	0.5%
Hart	3,962	0.5%
Adair	3,899	0.5%
Harrison	3,899	0.5%

County	Cases	Percent
Meade	3,816	0.5%
Bourbon	3,737	0.4%
Simpson	3,676	0.4%
Wayne	3,660	0.4%
Rockcastle	3,485	0.4%
Breckinridge	3,393	0.4%
Spencer	3,345	0.4%
Morgan	3,181	0.4%
Garrard	3,129	0.4%
Lawrence	3,124	0.4%
Powell	3,061	0.4%
Henry	3,058	0.4%
Lewis	3,033	0.4%
Jackson	3,027	0.4%
Mason	2,983	0.4%
Casey	2,963	0.4%
Union	2,868	0.3%
Washington	2,653	0.3%
Caldwell	2,646	0.3%
Webster	2,631	0.3%
Knott	2,629	0.3%
Green	2,627	0.3%
Estill	2,622	0.3%
Butler	2,615	0.3%
Monroe	2,599	0.3%
Magoffin	2,588	0.3%
Larue	2,574	0.3%
Fleming	2,532	0.3%
Trigg	2,493	0.3%
Clinton	2,459	0.3%

County	Cases	Percent
Leslie	2,411	0.3%
Pendleton	2,324	0.3%
Carroll	2,302	0.3%
Breathitt	2,233	0.3%
Martin	2,188	0.3%
Metcalfe	2,168	0.3%
Lyon	2,091	0.2%
Todd	1,991	0.2%
Bath	1,984	0.2%
Lee	1,874	0.2%
McLean	1,728	0.2%
Edmonson	1,710	0.2%
Owen	1,649	0.2%
Hancock	1,639	0.2%
Livingston	1,623	0.2%
Cumberland	1,492	0.2%
Trimble	1,481	0.2%
Elliott	1,476	0.2%
Gallatin	1,451	0.2%
Wolfe	1,435	0.2%
Bracken	1,429	0.2%
Crittenden	1,429	0.2%
Nicholas	1,326	0.2%
Menifee	1,071	0.1%
Owsley	1,050	0.1%
Fulton	869	0.1%
Ballard	822	0.1%
Carlisle	728	0.1%
Hickman	599	0.1%
Robertson	447	0.1%

Total Cases
836,441

New Cases by County

County	Cases	Percent
Jefferson	529	18.2%
Fayette	258	8.9%
Boone	98	3.4%
Kenton	87	3.0%
Daviess	82	2.8%
Madison	78	2.7%
Warren	72	2.5%
McCracken	70	2.4%
Hardin	68	2.3%
Laurel	59	2.0%
Campbell	58	2.0%
Pulaski	57	2.0%
Oldham	47	1.6%
Clark	46	1.6%
Christian	44	1.5%
Bullitt	39	1.3%
Barren	38	1.3%
Pike	36	1.2%
Scott	32	1.1%
Hopkins	31	1.1%
Jessamine	31	1.1%
Nelson	31	1.1%
Carter	30	1.0%
Marshall	30	1.0%
Franklin	29	1.0%
Whitley	28	1.0%
Hart	26	0.9%
Henderson	26	0.9%
Knox	26	0.9%
Greenup	25	0.9%

County	Cases	Percent
Floyd	24	0.8%
Graves	24	0.8%
Boyd	23	0.8%
Shelby	23	0.8%
Rowan	22	0.8%
McCreary	16	0.5%
Russell	16	0.5%
Boyle	15	0.5%
Letcher	15	0.5%
Lewis	15	0.5%
Muhlenberg	15	0.5%
Perry	15	0.5%
Powell	15	0.5%
Woodford	15	0.5%
Grayson	14	0.5%
Logan	14	0.5%
Pendleton	14	0.5%
Meade	13	0.4%
Simpson	13	0.4%
Anderson	12	0.4%
Gallatin	12	0.4%
Jackson	12	0.4%
Lincoln	12	0.4%
Rockcastle	12	0.4%
Trigg	12	0.4%
Allen	11	0.4%
Breckinridge	11	0.4%
Calloway	11	0.4%
Estill	11	0.4%
Garrard	11	0.4%

County	Cases	Percent
Henry	11	0.4%
Mason	11	0.4%
Adair	10	0.3%
Bourbon	10	0.3%
Grant	10	0.3%
Lawrence	10	0.3%
Ohio	10	0.3%
Taylor	10	0.3%
Bell	9	0.3%
Butler	9	0.3%
Carroll	9	0.3%
Clay	9	0.3%
Harlan	9	0.3%
Wolfe	9	0.3%
Breathitt	8	0.3%
Johnson	8	0.3%
Mercer	8	0.3%
Monroe	8	0.3%
Wayne	8	0.3%
Webster	8	0.3%
Caldwell	7	0.2%
Crittenden	7	0.2%
Fleming	7	0.2%
Hancock	7	0.2%
Harrison	7	0.2%
Livingston	7	0.2%
Metcalfe	7	0.2%
Washington	7	0.2%
Green	6	0.2%
Knott	6	0.2%

County	Cases	Percent
Lee	6	0.2%
McLean	6	0.2%
Martin	6	0.2%
Union	6	0.2%
Clinton	5	0.2%
Magoffin	5	0.2%
Montgomery	5	0.2%
Owen	5	0.2%
Todd	5	0.2%
Casey	4	0.1%
Cumberland	4	0.1%
Edmonson	4	0.1%
Leslie	4	0.1%
Morgan	4	0.1%
Ballard	3	0.1%
Bath	3	0.1%
Bracken	3	0.1%
Elliott	3	0.1%
Fulton	3	0.1%
Lyon	3	0.1%
Nicholas	3	0.1%
Spencer	3	0.1%
Trimble	3	0.1%
Carlisle	2	0.1%
Marion	2	0.1%
Hickman	1	0.0%
Larue	1	0.0%
Menifee	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%

Total New Cases
2,913

Total Deaths by County

County	Deaths	Percent
Jefferson	1,801	15.1%
Fayette	468	3.9%
Hardin	338	2.8%
Kenton	309	2.6%
Daviess	304	2.6%
Warren	299	2.5%
Boone	226	1.9%
Pike	222	1.9%
Hopkins	218	1.8%
Pulaski	214	1.8%
Madison	212	1.8%
McCracken	202	1.7%
Barren	177	1.5%
Laurel	175	1.5%
Christian	174	1.5%
Bullitt	157	1.3%
Harlan	152	1.3%
Floyd	144	1.2%
Whitley	140	1.2%
Graves	137	1.1%
Henderson	131	1.1%
Perry	129	1.1%
Boyd	126	1.1%
Shelby	125	1.0%
Campbell	119	1.0%
Bell	118	1.0%
Boyle	114	1.0%
Oldham	112	0.9%
Franklin	111	0.9%
Jessamine	110	0.9%

County	Deaths	Percent
Nelson	109	0.9%
Greenup	108	0.9%
Knox	105	0.9%
Lincoln	105	0.9%
Grayson	101	0.8%
Muhlenberg	99	0.8%
Taylor	99	0.8%
Logan	97	0.8%
Mercer	93	0.8%
Ohio	89	0.7%
Adair	86	0.7%
Letcher	86	0.7%
Marshall	85	0.7%
Mason	81	0.7%
Allen	79	0.7%
Hart	78	0.7%
Johnson	75	0.6%
Carter	74	0.6%
Scott	72	0.6%
Montgomery	71	0.6%
Simpson	71	0.6%
Wayne	71	0.6%
Calloway	68	0.6%
Monroe	67	0.6%
Clay	66	0.6%
Lewis	66	0.6%
McCreary	66	0.6%
Russell	62	0.5%
Casey	61	0.5%
Marion	61	0.5%

County	Deaths	Percent
Jackson	58	0.5%
Garrard	57	0.5%
Anderson	56	0.5%
Harrison	56	0.5%
Larue	56	0.5%
Caldwell	53	0.4%
Washington	51	0.4%
Breckinridge	50	0.4%
Meade	50	0.4%
Livingston	49	0.4%
Metcalfe	49	0.4%
Clark	48	0.4%
Lawrence	48	0.4%
Breathitt	47	0.4%
Knott	46	0.4%
Rowan	46	0.4%
Gallatin	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%
Powell	28	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Ballard	26	0.2%
Menifee	26	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Bracken	20	0.2%
Cumberland	19	0.2%
Hancock	19	0.2%
Morgan	17	0.1%
Robertson	17	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths
11,918

Incidence Rates by County

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

County	Rate
Wolfe	129.7
Lewis	97.9
Union	90.4
Carroll	87.3
Monroe	81.8
Carter	78.4
Henry	78.0
Boyd	77.7
Menifee	77.1
Elliott	76.0
Estill	72.9
Trimble	70.8
Powell	69.4
Robertson	67.8
Hancock	67.2
Pendleton	65.6
Clark	65.4
Madison	64.2
Fleming	63.7
Daviess	62.9
Greenup	62.3
Lee	61.8
Washington	60.2
Hart	59.3
Trigg	58.5
Mason	56.9
Breckinridge	56.5
Ohio	53.6
Garrard	53.4
Boone	53.4

County	Rate
Livingston	52.8
Marshall	51.9
Campbell	51.9
Bracken	51.6
Nelson	51.6
Rowan	50.8
Simpson	50.8
Russell	50.2
Barren	49.7
Metcalfe	49.6
McCracken	49.6
Laurel	49.6
Perry	49.4
Marion	48.9
Letcher	48.4
Allen	48.3
Jackson	48.2
Floyd	48.2
Logan	48.0
Bourbon	46.9
Knox	46.8
Jefferson	46.7
Lawrence	46.6
Kenton	46.4
Jessamine	45.7
Gallatin	45.1
Martin	44.7
Muhlenberg	44.3
Oldham	44.3
Henderson	44.2

County	Rate
Whitley	44.1
Spencer	43.6
Hardin	43.5
Fayette	43.1
Warren	42.0
Morgan	41.9
Franklin	41.2
Bullitt	41.1
Grayson	41.1
Grant	40.5
McLean	40.3
Harlan	39.5
Woodford	39.5
Scott	39.3
Graves	39.1
Hopkins	39.0
Butler	38.8
Owen	38.0
Bath	37.7
Meade	37.5
Harrison	37.1
Anderson	36.4
Carlisle	36.0
Knott	35.7
Boyle	35.6
Bell	35.1
Rockcastle	35.1
Pike	34.8
Mercer	34.5
Ballard	34.4

County	Rate
Shelby	34.4
Breathitt	33.9
Crittenden	32.4
Magoffin	31.7
Fulton	31.1
Leslie	30.4
Johnson	30.3
Clay	28.0
Christian	27.8
McCreary	27.4
Caldwell	26.9
Webster	26.5
Lyon	26.1
Adair	26.0
Cumberland	25.9
Edmonson	25.9
Taylor	25.5
Calloway	24.5
Todd	24.4
Lincoln	23.3
Wayne	22.5
Nicholas	21.6
Green	20.9
Montgomery	20.3
Larue	18.9
Casey	15.9
Pulaski	13.6
Clinton	12.6
Hickman	9.8
Owsley	3.2

Current Overall Incidence Rate
45.57 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.