

KY COVID-19 Report 19DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	829,791	583,167	246,624
Deaths	11,815	10,376	1,439
New Cases	1,531	1,142	389
New Cases 18 and Under	279	201	78
Total New Deaths	29	24	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
60,165	7.3%	0-9	0.0%	2
114,742	13.8%	10-19	0.1%	9
140,548	16.9%	20-29	0.4%	44
128,827	15.5%	30-39	1.3%	151
119,479	14.4%	40-49	3.9%	458
109,665	13.2%	50-59	9.7%	1,141
81,959	9.9%	60-69	20.0%	2,367
47,477	5.7%	70-79	27.0%	3,191
26,683	3.2%	80+	37.7%	4,452
246	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,437	0.3%	American Indian	0.1%	14
6,105	0.9%	Asian	0.5%	52
53,307	7.6%	Black	7.1%	802
382	0.1%	Pacific Islander	0.1%	7
602,223	86.0%	White	89.5%	10,108
35,628	5.1%	Multiracial	2.8%	312

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,708	4.5%	Hispanic	1.5%	167
634,388	95.5%	Non-Hispanic	98.5%	10,855

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
9,208	101,668	9.06%

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
11,076,016	8,078,824	404,699	2,314,424	1,006,995	685,453	54,603	266,939

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,250	4.13%
Ever ICU	6,588	0.79%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,228
ICU	328
On Ventilator	173

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,160	4,043	69.4%
ICU Beds	1,272	138	90.2%
Ventilators	653	1,224	34.8%

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	53	17	6	6.9%	21.5%	6.3%	60.57%	92.41%	21.88%
Region 2	86	19	10	10.8%	27.9%	11.6%	67.38%	100.00%	36.05%
Region 3	438	108	58	11.8%	29.0%	12.9%	73.78%	94.91%	41.52%
Region 4	55	20	14	6.6%	23.0%	10.8%	58.60%	98.85%	18.46%
Region 5	219	65	35	7.5%	17.9%	6.3%	71.53%	90.91%	38.57%
Region 6	120	22	11	9.8%	26.2%	8.5%	83.96%	100.00%	39.53%
Region 7	81	20	7	12.6%	24.4%	5.4%	65.58%	48.78%	17.05%
Region 8	77	23	14	6.5%	18.4%	9.2%	59.70%	88.00%	35.53%
Region 9	77	22	13	12.0%	23.9%	16.0%	64.44%	79.35%	30.86%
Region 10	22	12	5	4.5%	21.1%	7.6%	57.00%	94.74%	34.85%

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	132,198	15.9%
Fayette	56,105	6.8%
Warren	28,159	3.4%
Kenton	27,234	3.3%
Boone	23,418	2.8%
Hardin	20,325	2.4%
Daviess	19,525	2.4%
Madison	18,073	2.2%
Campbell	14,218	1.7%
Laurel	13,755	1.7%
Bullitt	13,501	1.6%
Pulaski	11,899	1.4%
Pike	11,789	1.4%
McCracken	11,393	1.4%
Oldham	11,354	1.4%
Christian	11,065	1.3%
Scott	9,678	1.2%
Boyd	9,669	1.2%
Whitley	9,574	1.2%
Nelson	9,343	1.1%
Hopkins	9,313	1.1%
Jessamine	9,116	1.1%
Barren	9,023	1.1%
Henderson	8,798	1.1%
Franklin	8,123	1.0%
Shelby	7,901	1.0%
Floyd	7,898	1.0%
Knox	7,869	0.9%
Graves	7,782	0.9%
Greenup	7,380	0.9%

County	Cases	Percent
Perry	6,733	0.8%
Muhlenberg	6,256	0.8%
Taylor	6,246	0.8%
Harlan	6,179	0.7%
Bell	6,129	0.7%
Clark	6,029	0.7%
Boyle	5,812	0.7%
Calloway	5,508	0.7%
Logan	5,479	0.7%
Marshall	5,390	0.6%
Clay	5,296	0.6%
Grayson	5,260	0.6%
Carter	5,258	0.6%
Montgomery	4,944	0.6%
Grant	4,934	0.6%
Ohio	4,878	0.6%
Mercer	4,855	0.6%
Lincoln	4,630	0.6%
Letcher	4,391	0.5%
Marion	4,372	0.5%
Rowan	4,345	0.5%
Russell	4,250	0.5%
Allen	4,206	0.5%
Johnson	4,090	0.5%
Anderson	4,013	0.5%
Woodford	3,985	0.5%
McCreary	3,969	0.5%
Hart	3,933	0.5%
Adair	3,883	0.5%
Harrison	3,882	0.5%

County	Cases	Percent
Meade	3,793	0.5%
Bourbon	3,715	0.4%
Simpson	3,653	0.4%
Wayne	3,633	0.4%
Rockcastle	3,462	0.4%
Breckinridge	3,351	0.4%
Spencer	3,328	0.4%
Morgan	3,168	0.4%
Lawrence	3,103	0.4%
Garrard	3,101	0.4%
Powell	3,029	0.4%
Henry	3,025	0.4%
Jackson	3,000	0.4%
Lewis	2,998	0.4%
Mason	2,958	0.4%
Casey	2,950	0.4%
Union	2,848	0.3%
Washington	2,633	0.3%
Caldwell	2,630	0.3%
Green	2,617	0.3%
Webster	2,615	0.3%
Knott	2,606	0.3%
Butler	2,600	0.3%
Estill	2,595	0.3%
Monroe	2,579	0.3%
Magoffin	2,573	0.3%
Larue	2,567	0.3%
Fleming	2,512	0.3%
Clinton	2,451	0.3%
Trigg	2,450	0.3%

County	Cases	Percent
Leslie	2,398	0.3%
Pendleton	2,289	0.3%
Carroll	2,263	0.3%
Breathitt	2,225	0.3%
Martin	2,172	0.3%
Metcalfe	2,152	0.3%
Lyon	2,082	0.3%
Todd	1,981	0.2%
Bath	1,970	0.2%
Lee	1,857	0.2%
McLean	1,719	0.2%
Edmonson	1,705	0.2%
Owen	1,635	0.2%
Hancock	1,623	0.2%
Livingston	1,600	0.2%
Cumberland	1,482	0.2%
Trimble	1,465	0.2%
Elliott	1,462	0.2%
Gallatin	1,438	0.2%
Bracken	1,417	0.2%
Crittenden	1,417	0.2%
Wolfe	1,406	0.2%
Nicholas	1,318	0.2%
Menifee	1,057	0.1%
Owsley	1,049	0.1%
Fulton	864	0.1%
Ballard	811	0.1%
Carlisle	725	0.1%
Hickman	597	0.1%
Robertson	447	0.1%

Total Cases
829,791

New Cases by County

County	Cases	Percent
Jefferson	343	22.4%
Fayette	84	5.5%
Kenton	74	4.8%
Boone	73	4.8%
Daviess	60	3.9%
Campbell	49	3.2%
Warren	49	3.2%
Oldham	36	2.4%
Hardin	33	2.2%
McCracken	30	2.0%
Barren	23	1.5%
Grayson	22	1.4%
Scott	22	1.4%
Franklin	21	1.4%
Bullitt	20	1.3%
Henry	19	1.2%
Shelby	17	1.1%
Madison	16	1.0%
Greenup	15	1.0%
Jessamine	14	0.9%
Nelson	14	0.9%
Russell	14	0.9%
Carter	13	0.8%
Grant	13	0.8%
Henderson	13	0.8%
Union	13	0.8%
Allen	12	0.8%
Marshall	12	0.8%
Simpson	12	0.8%
Spencer	12	0.8%

County	Cases	Percent
Woodford	12	0.8%
Christian	11	0.7%
Laurel	11	0.7%
Breckinridge	10	0.7%
Fleming	10	0.7%
Graves	10	0.7%
Meade	10	0.7%
Monroe	10	0.7%
Muhlenberg	10	0.7%
Boyle	9	0.6%
Floyd	9	0.6%
Hopkins	9	0.6%
Rowan	9	0.6%
Clay	8	0.5%
Garrard	8	0.5%
Harrison	8	0.5%
Pulaski	8	0.5%
Taylor	8	0.5%
Anderson	7	0.5%
Bell	7	0.5%
Bourbon	7	0.5%
Clark	7	0.5%
Ohio	7	0.5%
Logan	6	0.4%
Marion	6	0.4%
Mercer	6	0.4%
Montgomery	6	0.4%
Perry	6	0.4%
Pike	6	0.4%
Boyd	5	0.3%

County	Cases	Percent
Breathitt	5	0.3%
Casey	5	0.3%
Green	5	0.3%
Harlan	5	0.3%
Wayne	5	0.3%
Adair	4	0.3%
Carroll	4	0.3%
Crittenden	4	0.3%
Edmonson	4	0.3%
Hancock	4	0.3%
Hart	4	0.3%
Johnson	4	0.3%
McCreary	4	0.3%
Trimble	4	0.3%
Bath	3	0.2%
Calloway	3	0.2%
Lawrence	3	0.2%
Lee	3	0.2%
Magoffin	3	0.2%
Metcalfe	3	0.2%
Morgan	3	0.2%
Rockcastle	3	0.2%
Trigg	3	0.2%
Whitley	3	0.2%
Wolfe	3	0.2%
Caldwell	2	0.1%
Elliott	2	0.1%
Estill	2	0.1%
Fulton	2	0.1%
Jackson	2	0.1%

County	Cases	Percent
Larue	2	0.1%
Lewis	2	0.1%
Lincoln	2	0.1%
Livingston	2	0.1%
Lyon	2	0.1%
McLean	2	0.1%
Martin	2	0.1%
Mason	2	0.1%
Robertson	2	0.1%
Webster	2	0.1%
Ballard	1	0.1%
Bracken	1	0.1%
Butler	1	0.1%
Clinton	1	0.1%
Gallatin	1	0.1%
Hickman	1	0.1%
Knott	1	0.1%
Menifee	1	0.1%
Nicholas	1	0.1%
Owen	1	0.1%
Pendleton	1	0.1%
Powell	1	0.1%
Washington	1	0.1%
Carlisle	0	0.0%
Cumberland	0	0.0%
Knox	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
Owsley	0	0.0%
Todd	0	0.0%

Total New Cases
1,531

Total Deaths by County

County	Deaths	Percent
Jefferson	1,785	15.1%
Fayette	466	3.9%
Hardin	336	2.8%
Kenton	307	2.6%
Daviess	299	2.5%
Warren	295	2.5%
Boone	226	1.9%
Pike	222	1.9%
Hopkins	218	1.8%
Pulaski	213	1.8%
Madison	211	1.8%
McCracken	202	1.7%
Barren	175	1.5%
Laurel	173	1.5%
Christian	171	1.4%
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	113	1.0%
Oldham	112	0.9%
Jessamine	110	0.9%
Franklin	108	0.9%

County	Deaths	Percent
Nelson	107	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	80	0.7%
Allen	78	0.7%
Hart	77	0.7%
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	0.6%
Lewis	65	0.6%
Russell	62	0.5%
Casey	61	0.5%
Marion	59	0.5%

County	Deaths	Percent
Jackson	57	0.5%
Anderson	56	0.5%
Garrard	56	0.5%
Harrison	55	0.5%
Larue	54	0.5%
Caldwell	53	0.4%
Washington	51	0.4%
Breckinridge	49	0.4%
Clark	48	0.4%
Meade	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%
Webster	43	0.4%
Bourbon	42	0.4%
Spencer	42	0.4%
Clinton	41	0.3%
Fleming	41	0.3%
Grant	41	0.3%
McLean	41	0.3%
Lee	40	0.3%
Martin	38	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%
Trigg	29	0.2%
Pendleton	28	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
11,815

Incidence Rates by County

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

County	Rate
Robertson	223.6
Wolfe	127.7
Union	112.3
Menifee	107.9
Lewis	102.2
Trimble	87.7
Hancock	86.8
Carter	84.2
Monroe	79.1
Carroll	75.3
Fleming	73.5
Lawrence	72.7
Boyd	71.6
Mason	71.1
Henry	70.9
Greenup	69.6
Estill	68.9
Perry	68.8
Metcalfe	66.7
Daviess	65.4
Breathitt	63.3
Martin	61.3
Madison	61.0
Elliott	60.8
Breckinridge	58.6
Letcher	58.3
Bath	58.3
Marion	57.1
Allen	56.3
Grant	55.8

County	Rate
Powell	55.5
Henderson	55.3
Harlan	53.8
Clark	53.2
Washington	53.2
Knox	52.7
Bourbon	52.7
Nelson	52.2
Lee	52.1
Spencer	51.7
Jackson	51.4
Ohio	51.2
Owen	51.1
Hart	51.0
Simpson	50.0
Bracken	49.9
Floyd	49.4
Oldham	49.2
Pendleton	49.0
Rowan	48.5
Laurel	48.4
Boone	48.3
Muhlenberg	48.1
Garrard	47.7
McCracken	47.4
Campbell	47.2
Gallatin	46.7
Leslie	46.3
Hardin	46.2
Barren	46.2

County	Rate
Franklin	45.7
Bullitt	45.5
Harrison	45.4
Meade	45.0
Kenton	43.6
Scott	43.6
Jefferson	42.9
Carlisle	42.0
McLean	41.9
Morgan	41.9
Grayson	41.6
Jessamine	40.9
Woodford	40.6
Russell	39.9
Logan	39.5
Whitley	39.0
Fayette	37.2
Hopkins	37.1
Trigg	37.1
Boyle	36.6
Warren	35.9
Mercer	35.8
Livingston	35.7
Crittenden	35.7
Cumberland	34.6
Green	33.9
Pike	33.6
Knott	32.8
Adair	32.7
Ballard	32.6

County	Rate
Todd	32.5
Bell	32.4
Shelby	31.5
Anderson	31.4
Graves	30.7
Butler	29.9
Marshall	29.4
Edmonson	29.4
Johnson	29.0
Clay	28.0
Magoffin	27.0
Rockcastle	26.5
Taylor	24.9
Lyon	24.4
Wayne	23.9
Larue	23.8
Montgomery	22.8
Calloway	21.6
McCreary	21.6
Lincoln	19.8
Nicholas	19.7
Fulton	19.1
Caldwell	19.1
Webster	18.8
Casey	18.6
Christian	16.4
Pulaski	13.9
Clinton	12.6
Hickman	6.5
Owsley	6.5

Current Overall Incidence Rate
44.46 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.