

KY COVID-19 Report 29DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	856,145	600,231	255,914
Deaths	12,118	10,644	1,474
New Cases	5,530	3,315	2,215
New Cases 18 and Under	911	479	432
Total New Deaths	21	20	1

Duplicates and records not meeting case criteria removed since last report: 17

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
62,120	7.3%	0-9	0.0%	2
117,795	13.8%	10-19	0.1%	9
145,969	17.0%	20-29	0.4%	45
133,336	15.6%	30-39	1.3%	155
123,352	14.4%	40-49	3.9%	468
113,099	13.2%	50-59	9.7%	1,181
84,284	9.8%	60-69	20.1%	2,430
48,753	5.7%	70-79	27.0%	3,272
27,191	3.2%	80+	37.6%	4,556
246	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,548	0.4%	American Indian	0.1%	15
6,354	0.9%	Asian	0.4%	52
55,136	7.7%	Black	7.1%	818
382	0.1%	Pacific Islander	0.1%	7
618,956	86.0%	White	89.5%	10,374
36,419	5.1%	Multiracial	2.8%	321

Cases	Case Percent	Ethnicity	Death Percent	Deaths
30,422	4.4%	Hispanic	1.5%	170
653,835	95.6%	Non-Hispanic	98.5%	11,132

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.1% of cases and 95.6% of deaths
 Ethnicity known for 79.9% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
14,786	102,286	14.46%

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
11,316,989	8,234,520	405,769	2,393,991	1,040,415	707,713	54,894	277,808

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,712	4.05%
Ever ICU	6,665	0.78%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,434
ICU	369
On Ventilator	220

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,093	4,198	68.4%
ICU Beds	1,309	98	93.0%
Ventilators	692	1,233	35.9%

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	102	29	14	11.9%	36.3%	14.6%	49.65%	92.50%	28.13%
Region 2	92	26	15	11.8%	34.7%	17.4%	72.72%	98.67%	47.67%
Region 3	517	121	62	13.9%	31.3%	13.7%	70.60%	96.90%	42.04%
Region 4	63	21	21	7.5%	24.7%	16.2%	61.88%	97.65%	19.23%
Region 5	213	63	43	7.5%	18.5%	7.7%	73.81%	92.38%	37.50%
Region 6	145	29	19	11.8%	35.4%	14.8%	82.53%	97.56%	45.31%
Region 7	78	21	9	11.9%	25.3%	7.0%	70.84%	65.06%	18.60%
Region 8	111	24	15	9.4%	19.0%	8.9%	59.98%	97.62%	35.50%
Region 9	85	21	17	11.8%	22.3%	17.0%	56.47%	82.98%	31.00%
Region 10	28	14	5	5.8%	25.9%	6.7%	57.14%	98.15%	34.67%

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	138,406	16.2%
Fayette	58,442	6.8%
Warren	28,853	3.4%
Kenton	28,334	3.3%
Boone	24,378	2.8%
Hardin	20,816	2.4%
Daviess	20,109	2.3%
Madison	18,597	2.2%
Campbell	14,812	1.7%
Laurel	14,078	1.6%
Bullitt	13,909	1.6%
Pulaski	12,178	1.4%
Pike	12,099	1.4%
McCracken	11,797	1.4%
Oldham	11,759	1.4%
Christian	11,261	1.3%
Boyd	10,092	1.2%
Scott	10,004	1.2%
Whitley	9,784	1.1%
Nelson	9,636	1.1%
Hopkins	9,506	1.1%
Jessamine	9,428	1.1%
Barren	9,219	1.1%
Henderson	8,966	1.0%
Franklin	8,397	1.0%
Shelby	8,092	0.9%
Floyd	8,078	0.9%
Knox	8,002	0.9%
Graves	7,978	0.9%
Greenup	7,618	0.9%

County	Cases	Percent
Perry	6,906	0.8%
Muhlenberg	6,426	0.8%
Taylor	6,375	0.7%
Clark	6,300	0.7%
Harlan	6,281	0.7%
Bell	6,204	0.7%
Boyle	5,934	0.7%
Logan	5,635	0.7%
Calloway	5,625	0.7%
Marshall	5,580	0.7%
Carter	5,484	0.6%
Grayson	5,379	0.6%
Clay	5,362	0.6%
Grant	5,067	0.6%
Montgomery	5,019	0.6%
Ohio	5,007	0.6%
Mercer	4,933	0.6%
Lincoln	4,704	0.5%
Letcher	4,515	0.5%
Rowan	4,477	0.5%
Marion	4,457	0.5%
Russell	4,341	0.5%
Allen	4,326	0.5%
Johnson	4,158	0.5%
Woodford	4,137	0.5%
Anderson	4,135	0.5%
McCreary	4,063	0.5%
Hart	4,016	0.5%
Harrison	3,985	0.5%
Adair	3,973	0.5%

County	Cases	Percent
Meade	3,879	0.5%
Bourbon	3,828	0.4%
Simpson	3,760	0.4%
Wayne	3,706	0.4%
Rockcastle	3,536	0.4%
Breckinridge	3,465	0.4%
Spencer	3,415	0.4%
Morgan	3,196	0.4%
Garrard	3,189	0.4%
Lawrence	3,167	0.4%
Henry	3,139	0.4%
Powell	3,131	0.4%
Lewis	3,111	0.4%
Jackson	3,084	0.4%
Mason	3,045	0.4%
Casey	2,981	0.3%
Union	2,944	0.3%
Washington	2,709	0.3%
Caldwell	2,701	0.3%
Knott	2,679	0.3%
Webster	2,676	0.3%
Green	2,668	0.3%
Estill	2,653	0.3%
Monroe	2,649	0.3%
Butler	2,636	0.3%
Magoffin	2,632	0.3%
Larue	2,625	0.3%
Fleming	2,584	0.3%
Trigg	2,555	0.3%
Clinton	2,496	0.3%

County	Cases	Percent
Leslie	2,451	0.3%
Pendleton	2,382	0.3%
Carroll	2,348	0.3%
Breathitt	2,279	0.3%
Martin	2,228	0.3%
Metcalfe	2,205	0.3%
Lyon	2,107	0.2%
Todd	2,024	0.2%
Bath	2,014	0.2%
Lee	1,900	0.2%
McLean	1,758	0.2%
Edmonson	1,748	0.2%
Hancock	1,682	0.2%
Owen	1,679	0.2%
Livingston	1,649	0.2%
Trimble	1,521	0.2%
Cumberland	1,515	0.2%
Wolfe	1,493	0.2%
Gallatin	1,492	0.2%
Elliott	1,486	0.2%
Bracken	1,451	0.2%
Crittenden	1,450	0.2%
Nicholas	1,342	0.2%
Menifee	1,091	0.1%
Owsley	1,059	0.1%
Fulton	873	0.1%
Ballard	832	0.1%
Carlisle	749	0.1%
Hickman	608	0.1%
Robertson	449	0.1%

Total Cases
856,145

New Cases by County

County	Cases	Percent
Jefferson	1,556	28.1%
Fayette	511	9.2%
Kenton	262	4.7%
Boone	207	3.7%
Campbell	115	2.1%
Daviess	114	2.1%
Hardin	105	1.9%
Bullitt	102	1.8%
Oldham	88	1.6%
McCracken	86	1.6%
Warren	85	1.5%
Boyd	80	1.4%
Scott	74	1.3%
Greenup	71	1.3%
Jessamine	71	1.3%
Laurel	71	1.3%
Clark	61	1.1%
Madison	61	1.1%
Pike	61	1.1%
Hopkins	52	0.9%
Marshall	51	0.9%
Carter	50	0.9%
Nelson	50	0.9%
Christian	49	0.9%
Whitley	46	0.8%
Muhlenberg	42	0.8%
Franklin	40	0.7%
Shelby	40	0.7%
Letcher	38	0.7%
Grant	37	0.7%

County	Cases	Percent
Lewis	37	0.7%
Barren	36	0.7%
Spencer	33	0.6%
Perry	32	0.6%
Woodford	32	0.6%
Simpson	31	0.6%
Henry	30	0.5%
Pulaski	30	0.5%
Rowan	29	0.5%
Floyd	28	0.5%
Graves	28	0.5%
Powell	27	0.5%
Calloway	25	0.5%
Anderson	22	0.4%
Harrison	22	0.4%
Magoffin	22	0.4%
Bourbon	21	0.4%
Henderson	21	0.4%
Jackson	21	0.4%
Taylor	21	0.4%
Boyle	20	0.4%
Knox	20	0.4%
Martin	20	0.4%
Caldwell	18	0.3%
Wolfe	18	0.3%
Clinton	17	0.3%
Johnson	17	0.3%
Larue	17	0.3%
Lincoln	17	0.3%
Russell	17	0.3%

County	Cases	Percent
Trigg	17	0.3%
Allen	16	0.3%
Gallatin	16	0.3%
Harlan	16	0.3%
Breathitt	15	0.3%
Mercer	15	0.3%
Pendleton	15	0.3%
Washington	15	0.3%
Breckinridge	14	0.3%
Fleming	14	0.3%
Montgomery	14	0.3%
Union	14	0.3%
Carroll	13	0.2%
Green	13	0.2%
Mason	13	0.2%
Meade	13	0.2%
Wayne	13	0.2%
Grayson	12	0.2%
Knott	11	0.2%
Leslie	11	0.2%
Logan	11	0.2%
Ohio	11	0.2%
Adair	10	0.2%
Bell	10	0.2%
Garrard	10	0.2%
Hart	10	0.2%
Lawrence	9	0.2%
Lee	9	0.2%
McLean	9	0.2%
Marion	9	0.2%

County	Cases	Percent
Monroe	9	0.2%
Edmonson	8	0.1%
Bath	7	0.1%
Lyon	7	0.1%
Metcalfe	7	0.1%
Trimble	7	0.1%
Carlisle	6	0.1%
Estill	6	0.1%
Hancock	6	0.1%
Livingston	6	0.1%
McCreary	6	0.1%
Owen	6	0.1%
Todd	6	0.1%
Webster	6	0.1%
Bracken	5	0.1%
Casey	5	0.1%
Crittenden	5	0.1%
Morgan	5	0.1%
Ballard	4	0.1%
Clay	4	0.1%
Cumberland	4	0.1%
Menifee	4	0.1%
Rockcastle	4	0.1%
Butler	3	0.1%
Hickman	3	0.1%
Elliott	2	0.0%
Nicholas	2	0.0%
Owsley	2	0.0%
Fulton	1	0.0%
Robertson	1	0.0%

Total New Cases
5,530

Total Deaths by County

County	Deaths	Percent
Jefferson	1,834	15.1%
Fayette	474	3.9%
Hardin	343	2.8%
Kenton	317	2.6%
Daviess	313	2.6%
Warren	303	2.5%
Boone	231	1.9%
Pike	223	1.8%
Pulaski	222	1.8%
Hopkins	219	1.8%
Madison	213	1.8%
McCracken	202	1.7%
Barren	179	1.5%
Laurel	177	1.5%
Christian	174	1.4%
Bullitt	160	1.3%
Harlan	160	1.3%
Floyd	146	1.2%
Whitley	141	1.2%
Graves	139	1.1%
Henderson	133	1.1%
Perry	131	1.1%
Boyd	129	1.1%
Shelby	129	1.1%
Campbell	121	1.0%
Bell	120	1.0%
Boyle	116	1.0%
Franklin	114	0.9%
Jessamine	112	0.9%
Oldham	112	0.9%

County	Deaths	Percent
Greenup	110	0.9%
Nelson	110	0.9%
Knox	107	0.9%
Grayson	106	0.9%
Lincoln	106	0.9%
Muhlenberg	101	0.8%
Taylor	100	0.8%
Logan	98	0.8%
Mercer	94	0.8%
Ohio	91	0.8%
Adair	89	0.7%
Letcher	86	0.7%
Marshall	85	0.7%
Allen	82	0.7%
Mason	81	0.7%
Hart	78	0.6%
Johnson	78	0.6%
Carter	76	0.6%
Scott	75	0.6%
Montgomery	74	0.6%
Simpson	72	0.6%
Wayne	72	0.6%
Calloway	70	0.6%
Clay	69	0.6%
Lewis	68	0.6%
Monroe	68	0.6%
McCreary	66	0.5%
Marion	63	0.5%
Russell	62	0.5%
Casey	61	0.5%

County	Deaths	Percent
Garrard	59	0.5%
Jackson	58	0.5%
Anderson	57	0.5%
Larue	57	0.5%
Harrison	56	0.5%
Caldwell	53	0.4%
Breckinridge	51	0.4%
Washington	51	0.4%
Meade	50	0.4%
Metcalfe	50	0.4%
Livingston	49	0.4%
Clark	48	0.4%
Lawrence	48	0.4%
Breathitt	47	0.4%
Knott	47	0.4%
Rowan	46	0.4%
Union	46	0.4%
Rockcastle	45	0.4%
Webster	45	0.4%
Gallatin	44	0.4%
Butler	43	0.4%
Spencer	43	0.4%
Bourbon	42	0.3%
Fleming	42	0.3%
Lee	42	0.3%
McLean	42	0.3%
Clinton	41	0.3%
Grant	41	0.3%
Martin	39	0.3%
Todd	38	0.3%

County	Deaths	Percent
Crittenden	37	0.3%
Estill	37	0.3%
Leslie	37	0.3%
Woodford	37	0.3%
Henry	36	0.3%
Green	35	0.3%
Magoffin	35	0.3%
Bath	34	0.3%
Carroll	34	0.3%
Edmonson	34	0.3%
Trigg	30	0.2%
Lyon	29	0.2%
Nicholas	29	0.2%
Owen	29	0.2%
Pendleton	29	0.2%
Powell	28	0.2%
Trimble	28	0.2%
Ballard	26	0.2%
Menifee	26	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Cumberland	21	0.2%
Bracken	20	0.2%
Hancock	19	0.2%
Robertson	18	0.1%
Morgan	17	0.1%
Wolfe	14	0.1%
Carlisle	13	0.1%
Elliott	13	0.1%

Total Deaths
12,118

Incidence Rates by County

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

County	Rate
Wolfe	103.8
Jefferson	93.0
Fayette	80.5
Carter	78.9
Powell	77.4
Boyd	75.2
Boone	74.8
Lewis	73.2
Henry	71.8
Greenup	70.8
Union	70.5
Kenton	69.1
Hancock	68.8
Oldham	67.4
Simpson	66.9
Woodford	66.8
Trimble	65.8
Monroe	64.4
Campbell	64.1
Bourbon	63.5
Gallatin	62.8
Nelson	62.1
Logan	61.1
Muhlenberg	60.6
Harrison	60.5
Daviess	59.4
Carroll	59.1
Allen	59.0
Perry	58.8
Jessamine	57.8

County	Rate
Pendleton	56.8
Warren	56.8
Clark	56.7
Jackson	55.7
Rowan	55.5
McCracken	55.5
Caldwell	54.9
Graves	52.1
Bullitt	51.9
Scott	51.9
Pike	51.8
Magoffin	51.7
Metcalfe	51.1
Carlisle	51.0
Whitley	50.8
Grant	50.7
Marshall	50.5
Madison	50.1
Spencer	49.5
Fleming	49.0
Ohio	48.8
Martin	48.5
Letcher	48.4
Marion	48.2
Floyd	48.2
Mason	47.7
Laurel	47.7
Webster	47.5
Washington	47.2
Anderson	47.1

County	Rate
Edmonson	47.0
Larue	46.6
Taylor	46.6
Franklin	46.5
Lee	46.3
Garrard	45.3
McLean	45.0
Leslie	44.8
Hardin	42.9
Barren	42.3
Rockcastle	41.9
Trigg	41.9
Breckinridge	41.9
Breathitt	41.9
Adair	41.7
Hopkins	41.2
Green	40.5
Boyle	39.9
Russell	39.9
Menifee	39.6
Shelby	39.3
Owen	39.3
Hart	39.0
Grayson	38.9
Knott	38.6
Todd	38.3
Lawrence	37.3
Henderson	35.7
Crittenden	35.7
Bracken	34.4

County	Rate
Bath	34.3
Clay	33.7
Mercer	32.6
Calloway	31.9
Harlan	30.8
Johnson	30.3
Cumberland	30.2
Lyon	29.6
Livingston	29.5
Hickman	29.4
Owsley	29.1
Meade	29.0
Knox	28.9
Estill	28.4
Nicholas	27.5
Bell	25.2
Wayne	23.2
McCreary	22.4
Christian	21.9
Clinton	21.0
Butler	20.0
Lincoln	18.6
Ballard	18.1
Elliott	15.2
Montgomery	14.7
Casey	14.1
Robertson	13.6
Morgan	12.9
Pulaski	12.8
Fulton	7.2

Current Overall Incidence Rate
59.31 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.