

KY COVID-19 Report 04JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	279,143	224,348	54,795
Deaths	2,749	2,559	190
New Cases	2,319	1,795	524
New Cases 18 and Under	291	223	68
New Deaths	26	26	0

2 duplicates and records not meeting case criteria removed since last report

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,882	3.9%	0-9	0.0%	1
28,178	10.1%	10-19	0.0%	1
51,304	18.4%	20-29	0.0%	1
42,520	15.2%	30-39	0.7%	19
41,600	14.9%	40-49	1.7%	46
40,199	14.4%	50-59	5.9%	162
31,419	11.3%	60-69	16.4%	452
19,461	7.0%	70-79	26.0%	715
13,425	4.8%	80+	49.2%	1,352
155	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
550	0.3%	American Indian	0.1%	2
2,627	1.3%	Asian	0.7%	17
19,306	9.4%	Black	9.4%	237
176	0.1%	Pacific Islander	0.0%	1
173,058	83.9%	White	87.1%	2,195
10,606	5.1%	Multiracial	2.7%	67

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,898	4.9%	Hispanic	2.1%	51
190,398	95.1%	Non-Hispanic	97.9%	2,366

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 73.9% of cases and 91.6% of deaths
Ethnicity known for 71.8% of cases and 87.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	36,633	13.1%
Deaths	1,957	71.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,712	104,731	11.18%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.
Over the Christmas and New Year's holidays, Kentucky has experienced a significant decrease in test reporting from major laboratories. We expect to see increased fluctuations in the 7-day positivity rate for the week following New Year's holiday due to changes with testing and reporting.

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
3,504,553	3,224,871	102,490	177,192	214,566	189,223	7,054	18,289

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,794	4.94%
Ever ICU	3,092	1.11%
Recovered	37,455	13.42%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,737
ICU	456
On Ventilator	216

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,327	4,897	63.0%
ICU Beds	1,152	647	64.0%
Ventilators	622	1,149	35.1%

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	82	34	16	10.4%	33.3%	17.6%	57.32%	63.73%	25.27%
Region 2	117	32	16	14.2%	26.2%	19.5%	48.67%	31.15%	39.02%
Region 3	488	113	60	12.8%	21.7%	13.7%	60.87%	62.96%	33.18%
Region 4	105	36	17	12.3%	33.3%	14.9%	52.58%	83.33%	29.82%
Region 5	320	81	42	11.6%	19.5%	8.1%	69.04%	65.87%	42.36%
Region 6	154	39	17	12.2%	22.3%	15.3%	72.89%	52.00%	59.46%
Region 7	112	18	6	18.9%	30.0%	5.3%	84.01%	75.00%	12.28%
Region 8	170	54	19	14.2%	39.7%	12.9%	55.81%	83.09%	34.69%
Region 9	134	29	15	20.1%	25.4%	15.0%	61.11%	57.02%	21.00%
Region 10	55	20	8	11.6%	44.4%	13.8%	65.61%	95.56%	29.31%

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	53,080	19.0%
Fayette	24,149	8.7%
Warren	10,483	3.8%
Kenton	9,267	3.3%
Boone	7,960	2.9%
Hardin	6,221	2.2%
Daviess	6,119	2.2%
Madison	5,901	2.1%
Campbell	4,767	1.7%
Christian	4,503	1.6%
McCracken	4,414	1.6%
Bullitt	4,335	1.6%
Oldham	4,131	1.5%
Pulaski	3,917	1.4%
Laurel	3,793	1.4%
Boyd	3,296	1.2%
Pike	3,165	1.1%
Shelby	3,139	1.1%
Henderson	3,086	1.1%
Nelson	2,989	1.1%
Whitley	2,902	1.0%
Graves	2,829	1.0%
Hopkins	2,759	1.0%
Jessamine	2,719	1.0%
Barren	2,604	0.9%
Scott	2,574	0.9%
Greenup	2,455	0.9%
Calloway	2,438	0.9%
Boyle	2,418	0.9%
Franklin	2,219	0.8%

County	Cases	Percent
Muhlenberg	2,052	0.7%
Floyd	1,944	0.7%
Bell	1,895	0.7%
Knox	1,882	0.7%
Logan	1,797	0.6%
Taylor	1,795	0.6%
Clay	1,707	0.6%
Harlan	1,692	0.6%
Marshall	1,652	0.6%
Perry	1,632	0.6%
Ohio	1,557	0.6%
Marion	1,548	0.6%
Clark	1,497	0.5%
Lincoln	1,494	0.5%
Mercer	1,469	0.5%
Montgomery	1,467	0.5%
Carter	1,455	0.5%
Wayne	1,401	0.5%
Grayson	1,337	0.5%
Woodford	1,335	0.5%
Grant	1,290	0.5%
Rowan	1,281	0.5%
Hart	1,244	0.4%
Simpson	1,242	0.4%
Adair	1,227	0.4%
Allen	1,201	0.4%
Meade	1,188	0.4%
Johnson	1,184	0.4%
Letcher	1,140	0.4%
McCreary	1,134	0.4%

County	Cases	Percent
Russell	1,122	0.4%
Lee	1,053	0.4%
Anderson	1,044	0.4%
Spencer	1,019	0.4%
Bourbon	994	0.4%
Garrard	990	0.4%
Union	985	0.4%
Monroe	978	0.4%
Mason	961	0.3%
Rockcastle	913	0.3%
Caldwell	911	0.3%
Washington	892	0.3%
Clinton	887	0.3%
Jackson	878	0.3%
Henry	849	0.3%
Larue	848	0.3%
Lawrence	846	0.3%
Harrison	843	0.3%
Casey	842	0.3%
Elliott	831	0.3%
Butler	829	0.3%
Lewis	806	0.3%
Webster	790	0.3%
Green	783	0.3%
Fleming	770	0.3%
Knott	768	0.3%
Todd	722	0.3%
Powell	721	0.3%
Magoffin	713	0.3%
Trigg	708	0.3%

County	Cases	Percent
Estill	697	0.2%
Breckinridge	685	0.2%
Martin	676	0.2%
Breathitt	656	0.2%
Metcalf	623	0.2%
Pendleton	623	0.2%
McLean	574	0.2%
Morgan	565	0.2%
Carroll	556	0.2%
Edmonson	554	0.2%
Bath	515	0.2%
Livingston	510	0.2%
Leslie	507	0.2%
Hancock	492	0.2%
Gallatin	441	0.2%
Owen	435	0.2%
Cumberland	433	0.2%
Crittenden	407	0.1%
Trimble	391	0.1%
Fulton	373	0.1%
Carlisle	344	0.1%
Lyon	340	0.1%
Owsley	321	0.1%
Wolfe	313	0.1%
Nicholas	299	0.1%
Bracken	290	0.1%
Ballard	247	0.1%
Menifee	237	0.1%
Hickman	226	0.1%
Robertson	145	0.1%

Total Cases
279,143

New Cases by County

County	Cases	Percent
Jefferson	429	18.5%
Fayette	170	7.3%
Boyd	102	4.4%
Kenton	80	3.4%
Warren	76	3.3%
Pulaski	71	3.1%
Boone	66	2.8%
Bullitt	59	2.5%
Henderson	59	2.5%
Pike	57	2.5%
Oldham	52	2.2%
Logan	51	2.2%
Campbell	47	2.0%
Madison	41	1.8%
Daviess	40	1.7%
Greenup	36	1.6%
Harlan	35	1.5%
Marshall	32	1.4%
Crittenden	30	1.3%
Muhlenberg	30	1.3%
Graves	27	1.2%
Boyle	26	1.1%
Whitley	26	1.1%
Scott	25	1.1%
Shelby	25	1.1%
McCracken	22	0.9%
Taylor	22	0.9%
Jessamine	19	0.8%
Simpson	19	0.8%
Anderson	18	0.8%

County	Cases	Percent
Clinton	18	0.8%
Hopkins	17	0.7%
Harrison	16	0.7%
Perry	16	0.7%
Webster	16	0.7%
Floyd	15	0.6%
Knox	15	0.6%
Leslie	14	0.6%
Letcher	14	0.6%
Ohio	14	0.6%
Clark	12	0.5%
Hardin	12	0.5%
Johnson	12	0.5%
Knott	12	0.5%
Union	12	0.5%
Carter	11	0.5%
Cumberland	11	0.5%
Rockcastle	11	0.5%
Caldwell	10	0.4%
Christian	9	0.4%
Grant	9	0.4%
Lawrence	9	0.4%
Bourbon	8	0.3%
Montgomery	8	0.3%
Nelson	8	0.3%
Trigg	8	0.3%
Carroll	7	0.3%
Franklin	7	0.3%
Grayson	7	0.3%
Green	7	0.3%

County	Cases	Percent
Livingston	7	0.3%
Wayne	7	0.3%
Woodford	7	0.3%
Bell	6	0.3%
Clay	6	0.3%
Hancock	6	0.3%
Laurel	6	0.3%
Mercer	6	0.3%
Nicholas	6	0.3%
Powell	6	0.3%
Casey	5	0.2%
Gallatin	5	0.2%
Garrard	5	0.2%
Magoffin	5	0.2%
Pendleton	5	0.2%
Rowan	5	0.2%
Trimble	5	0.2%
Adair	4	0.2%
Estill	4	0.2%
Fleming	4	0.2%
Lincoln	4	0.2%
McCreary	4	0.2%
Monroe	4	0.2%
Morgan	4	0.2%
Spencer	4	0.2%
Wolfe	4	0.2%
Allen	3	0.1%
Ballard	3	0.1%
Barren	3	0.1%
Butler	3	0.1%

County	Cases	Percent
Elliott	3	0.1%
Hart	3	0.1%
Henry	3	0.1%
McLean	3	0.1%
Todd	3	0.1%
Calloway	2	0.1%
Jackson	2	0.1%
Lee	2	0.1%
Metcalfe	2	0.1%
Russell	2	0.1%
Washington	2	0.1%
Breathitt	1	0.0%
Edmonson	1	0.0%
Hickman	1	0.0%
Lewis	1	0.0%
Lyon	1	0.0%
Meade	1	0.0%
Menifee	1	0.0%
Owen	1	0.0%
Robertson	1	0.0%
Bath	0	0.0%
Bracken	0	0.0%
Breckinridge	0	0.0%
Carlisle	0	0.0%
Fulton	0	0.0%
Larue	0	0.0%
Marion	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Owsley	0	0.0%

Total New Cases
2,319

Total Deaths by County

County	Deaths	Percent
Jefferson	543	19.8%
Fayette	147	5.3%
Warren	84	3.1%
Hopkins	83	3.0%
Daviess	76	2.8%
Kenton	76	2.8%
Christian	51	1.9%
Graves	51	1.9%
Oldham	48	1.7%
Jessamine	47	1.7%
Henderson	46	1.7%
Boone	45	1.6%
Hardin	42	1.5%
McCracken	41	1.5%
Adair	39	1.4%
Logan	39	1.4%
Madison	39	1.4%
Pulaski	39	1.4%
Barren	35	1.3%
Campbell	34	1.2%
Pike	33	1.2%
Grayson	32	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	29	1.1%
Shelby	29	1.1%
Bell	27	1.0%
Russell	27	1.0%
Monroe	26	0.9%
Ohio	26	0.9%

County	Deaths	Percent
Calloway	25	0.9%
Lewis	25	0.9%
Lincoln	25	0.9%
Casey	24	0.9%
Harlan	23	0.8%
Scott	23	0.8%
Marshall	22	0.8%
Franklin	21	0.8%
Jackson	21	0.8%
McLean	20	0.7%
Marion	20	0.7%
Greenup	19	0.7%
Mason	19	0.7%
Lee	18	0.7%
Allen	17	0.6%
Nelson	17	0.6%
Perry	17	0.6%
Taylor	17	0.6%
Butler	16	0.6%
Clinton	16	0.6%
Floyd	16	0.6%
Johnson	16	0.6%
Todd	16	0.6%
Caldwell	15	0.5%
Clark	15	0.5%
Laurel	15	0.5%
Knott	14	0.5%
Edmonson	13	0.5%
Montgomery	12	0.4%
Simpson	12	0.4%

County	Deaths	Percent
Webster	12	0.4%
Gallatin	11	0.4%
Hancock	11	0.4%
Livingston	11	0.4%
Washington	11	0.4%
Grant	10	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Whitley	10	0.4%
Hart	9	0.3%
Union	9	0.3%
Bath	8	0.3%
Clay	8	0.3%
Rockcastle	8	0.3%
Wayne	8	0.3%
Carroll	7	0.3%
Lyon	7	0.3%
Metcalfe	7	0.3%
Carter	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Lawrence	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Boyle	4	0.1%
Cumberland	4	0.1%

County	Deaths	Percent
Fulton	4	0.1%
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
Letcher	4	0.1%
Meade	4	0.1%
Anderson	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Wolfe	3	0.1%
Ballard	2	0.1%
Fleming	2	0.1%
McCreary	2	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Harrison	1	0.0%
Leslie	1	0.0%
Magoffin	1	0.0%
Pendleton	1	0.0%
Woodford	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%

Total Deaths
2,749

Incidence Rates by County

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

County	Rate
Boyle	162.1
Lawrence	144.6
Clinton	138.4
Clay	126.3
Boyd	118.0
Hancock	114.7
Oldham	109.3
Greenup	108.7
Cumberland	108.0
Harlan	104.9
Wayne	101.9
Bourbon	100.3
Graves	99.7
Whitley	99.7
Harrison	95.3
Fleming	95.0
Pike	95.0
Breathitt	92.7
Knox	89.4
Bell	88.9
Muhlenberg	84.9
Nicholas	84.5
Mercer	83.4
Christian	81.9
Carlisle	81.0
Monroe	80.5
Letcher	79.5
Logan	78.5
Pulaski	78.0
Elliott	77.9

County	Rate
Crittenden	76.2
Laurel	76.1
Floyd	75.1
Robertson	74.5
Rockcastle	74.4
Daviess	74.2
Anderson	74.1
Webster	74.0
Ohio	73.8
Butler	73.2
Warren	71.8
Simpson	70.8
Hopkins	69.1
Nelson	68.3
Carter	67.2
Todd	66.2
Leslie	65.1
Allen	65.0
McCreary	63.8
Kenton	62.7
Boone	62.3
Fayette	62.2
Taylor	62.1
Marshall	61.6
Owsley	61.5
Rowan	61.3
Perry	61.0
Menifee	59.4
Hardin	59.1
Garrard	59.0

County	Rate
Jackson	58.9
Morgan	58.0
Henderson	57.8
Shelby	57.4
Woodford	57.2
Metcalfe	56.7
McLean	55.9
Carroll	55.1
Green	54.8
Johnson	54.7
Jefferson	54.0
Campbell	53.3
Trigg	52.7
Bullitt	52.5
Henry	51.4
Powell	49.7
Washington	47.2
Marion	46.7
Jessamine	46.2
Knott	45.3
Meade	45.0
Grayson	44.9
Martin	44.7
Larue	44.6
Calloway	43.6
Grant	42.7
McCracken	42.6
Estill	42.5
Montgomery	42.1
Lincoln	41.3

County	Rate
Breckinridge	41.2
Madison	40.6
Trimble	40.5
Caldwell	40.3
Union	39.7
Gallatin	37.0
Fulton	35.9
Russell	35.9
Franklin	35.9
Spencer	35.4
Edmonson	35.3
Barren	34.2
Scott	33.1
Mason	31.0
Lyon	29.6
Pendleton	29.4
Adair	29.0
Ballard	29.0
Lee	28.9
Hart	28.5
Livingston	28.0
Clark	27.2
Owen	24.9
Wolfe	24.0
Lewis	20.4
Casey	20.3
Magoffin	20.0
Bracken	18.9
Bath	17.1
Hickman	9.8

Current Overall Incidence Rate
62.58 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.