

KY COVID-19 Report 20DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	242,321	196,279	46,042
Deaths	2,397	2,255	142
New Cases	1,765	1,384	381
New Cases 18 and Under	194	154	40
New Deaths	26	21	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,451	3.9%	0-9	0.0%	1
24,964	10.3%	10-19	0.0%	1
44,866	18.5%	20-29	0.0%	1
36,569	15.1%	30-39	0.7%	17
35,957	14.8%	40-49	1.8%	42
34,658	14.3%	50-59	5.9%	142
27,119	11.2%	60-69	16.3%	391
16,848	7.0%	70-79	26.3%	630
11,755	4.9%	80+	48.9%	1,172
134	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
493	0.3%	American Indian	0.0%	1
2,333	1.3%	Asian	0.8%	17
17,294	9.5%	Black	10.0%	222
169	0.1%	Pacific Islander	0.0%	1
151,486	83.6%	White	86.5%	1,910
9,362	5.2%	Multiracial	2.6%	58

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	5.7%	Hispanic	2.4%	51
164,574	94.3%	Non-Hispanic	97.6%	2,064

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 74.8% of cases and 92.2% of deaths
 Ethnicity known for 72.0% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	31,754	13.1%
Deaths	1,676	69.9%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,714	122,775	8.73%

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
3,267,981	3,021,935	99,926	146,120	193,608	172,623	6,384	14,601

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,483	5.15%
Ever ICU	2,895	1.19%
Recovered	34,608	14.28%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,607
ICU	403
On Ventilator	226

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,535	4,443	65.8%
ICU Beds	1,172	518	69.3%
Ventilators	606	1,168	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	92	23	13	13.0%	22.5%	12.6%	76.41%	66.67%	17.48%
Region 2	110	24	10	13.5%	26.1%	12.2%	61.13%	73.91%	31.71%
Region 3	503	109	75	13.2%	22.8%	17.2%	62.51%	67.85%	36.38%
Region 4	107	28	15	13.1%	28.6%	13.8%	56.88%	80.61%	27.52%
Region 5	283	72	46	10.4%	18.4%	8.8%	73.54%	72.96%	39.39%
Region 6	149	38	16	11.8%	21.7%	14.5%	73.53%	48.57%	51.82%
Region 7	91	17	12	14.5%	26.6%	10.2%	74.64%	73.44%	14.41%
Region 8	139	42	23	11.6%	30.9%	16.7%	55.39%	83.82%	39.86%
Region 9	82	13	8	13.0%	12.3%	8.2%	59.43%	59.43%	21.65%
Region 10	51	37	8	13.2%	80.4%	14.0%	55.04%	80.43%	29.82%

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, Menifeel, 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	47,242	19.5%
Fayette	21,791	9.0%
Warren	9,218	3.8%
Kenton	7,818	3.2%
Boone	6,846	2.8%
Hardin	5,504	2.3%
Madison	5,290	2.2%
Daviess	5,160	2.1%
Campbell	4,110	1.7%
McCracken	3,985	1.6%
Bullitt	3,800	1.6%
Christian	3,768	1.6%
Oldham	3,377	1.4%
Pulaski	3,257	1.3%
Laurel	3,211	1.3%
Shelby	2,759	1.1%
Boyd	2,743	1.1%
Henderson	2,669	1.1%
Nelson	2,656	1.1%
Pike	2,540	1.0%
Whitley	2,444	1.0%
Jessamine	2,433	1.0%
Hopkins	2,396	1.0%
Barren	2,392	1.0%
Graves	2,349	1.0%
Scott	2,275	0.9%
Calloway	2,160	0.9%
Greenup	2,026	0.8%
Franklin	1,957	0.8%
Muhlenberg	1,751	0.7%

County	Cases	Percent
Boyle	1,673	0.7%
Floyd	1,654	0.7%
Bell	1,650	0.7%
Taylor	1,578	0.7%
Knox	1,558	0.6%
Logan	1,556	0.6%
Perry	1,441	0.6%
Marion	1,434	0.6%
Ohio	1,371	0.6%
Harlan	1,359	0.6%
Clay	1,347	0.6%
Marshall	1,335	0.6%
Clark	1,328	0.5%
Montgomery	1,274	0.5%
Lincoln	1,246	0.5%
Carter	1,219	0.5%
Mercer	1,194	0.5%
Grayson	1,181	0.5%
Adair	1,161	0.5%
Hart	1,156	0.5%
Woodford	1,156	0.5%
Grant	1,108	0.5%
Rowan	1,077	0.4%
Wayne	1,075	0.4%
Simpson	1,062	0.4%
Johnson	1,039	0.4%
Meade	1,036	0.4%
Russell	1,022	0.4%
Lee	1,016	0.4%
Allen	1,007	0.4%

County	Cases	Percent
Spencer	934	0.4%
McCreary	887	0.4%
Union	883	0.4%
Monroe	880	0.4%
Garrard	875	0.4%
Letcher	860	0.4%
Caldwell	837	0.3%
Mason	817	0.3%
Anderson	815	0.3%
Washington	808	0.3%
Bourbon	783	0.3%
Larue	783	0.3%
Jackson	779	0.3%
Casey	773	0.3%
Rockcastle	758	0.3%
Elliott	743	0.3%
Henry	743	0.3%
Butler	727	0.3%
Clinton	706	0.3%
Green	691	0.3%
Knott	688	0.3%
Lewis	685	0.3%
Magoffin	683	0.3%
Webster	679	0.3%
Harrison	658	0.3%
Powell	640	0.3%
Lawrence	618	0.3%
Martin	607	0.3%
Estill	605	0.2%
Todd	600	0.2%

County	Cases	Percent
Trigg	592	0.2%
Fleming	588	0.2%
Breckinridge	566	0.2%
Pendleton	564	0.2%
Metcalf	555	0.2%
Breathitt	514	0.2%
Carroll	514	0.2%
McLean	504	0.2%
Edmonson	499	0.2%
Morgan	479	0.2%
Livingston	446	0.2%
Bath	438	0.2%
Gallatin	413	0.2%
Leslie	413	0.2%
Hancock	392	0.2%
Cumberland	363	0.1%
Trimble	348	0.1%
Owen	347	0.1%
Fulton	341	0.1%
Crittenden	319	0.1%
Lyon	284	0.1%
Owsley	282	0.1%
Carlisle	278	0.1%
Wolfe	274	0.1%
Bracken	256	0.1%
Nicholas	231	0.1%
Hickman	218	0.1%
Ballard	217	0.1%
Menifee	175	0.1%
Robertson	125	0.1%

Total Cases
242,321

New Cases by County

County	Cases	Percent
Jefferson	276	15.6%
Fayette	165	9.3%
Warren	114	6.5%
Kenton	99	5.6%
Boone	92	5.2%
Campbell	59	3.3%
Carter	54	3.1%
Greenup	39	2.2%
McCracken	36	2.0%
Boyd	32	1.8%
Hardin	32	1.8%
Daviess	30	1.7%
Whitley	26	1.5%
Christian	25	1.4%
Bullitt	23	1.3%
Pulaski	23	1.3%
Boyle	22	1.2%
McCreary	22	1.2%
Muhlenberg	22	1.2%
Letcher	20	1.1%
Calloway	19	1.1%
Franklin	19	1.1%
Garrard	19	1.1%
Pike	17	1.0%
Johnson	16	0.9%
Taylor	16	0.9%
Henderson	15	0.8%
Madison	15	0.8%
Scott	15	0.8%
Laurel	13	0.7%

County	Cases	Percent
Adair	12	0.7%
Jessamine	12	0.7%
Wayne	11	0.6%
Woodford	11	0.6%
Bell	10	0.6%
Grant	10	0.6%
Graves	10	0.6%
Nelson	10	0.6%
Caldwell	9	0.5%
Carroll	9	0.5%
Floyd	9	0.5%
Harlan	9	0.5%
Harrison	9	0.5%
Henry	9	0.5%
Livingston	9	0.5%
Spencer	9	0.5%
Trigg	9	0.5%
Barren	8	0.5%
Magoffin	8	0.5%
Meade	8	0.5%
Owsley	8	0.5%
Allen	7	0.4%
Larue	7	0.4%
Martin	7	0.4%
Rockcastle	7	0.4%
Bourbon	6	0.3%
Carlisle	6	0.3%
Clay	6	0.3%
Knox	6	0.3%
Nicholas	6	0.3%

County	Cases	Percent
Trimble	6	0.3%
Breckinridge	5	0.3%
Lawrence	5	0.3%
Logan	5	0.3%
Lyon	5	0.3%
Perry	5	0.3%
Todd	5	0.3%
Bracken	4	0.2%
Crittenden	4	0.2%
Gallatin	4	0.2%
Lewis	4	0.2%
Marshall	4	0.2%
Oldham	4	0.2%
Powell	4	0.2%
Union	4	0.2%
Ballard	3	0.2%
Elliott	3	0.2%
Grayson	3	0.2%
Knott	3	0.2%
Marion	3	0.2%
Mason	3	0.2%
Morgan	3	0.2%
Owen	3	0.2%
Shelby	3	0.2%
Washington	3	0.2%
Anderson	2	0.1%
Butler	2	0.1%
Edmonson	2	0.1%
Fulton	2	0.1%
Hart	2	0.1%

County	Cases	Percent
Hickman	2	0.1%
Hopkins	2	0.1%
Leslie	2	0.1%
Metcalfe	2	0.1%
Montgomery	2	0.1%
Ohio	2	0.1%
Simpson	2	0.1%
Wolfe	2	0.1%
Bath	1	0.1%
Clark	1	0.1%
Estill	1	0.1%
Jackson	1	0.1%
McLean	1	0.1%
Monroe	1	0.1%
Pendleton	1	0.1%
Robertson	1	0.1%
Rowan	1	0.1%
Breathitt	0	0.0%
Casey	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Fleming	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Lee	0	0.0%
Lincoln	0	0.0%
Menifee	0	0.0%
Mercer	0	0.0%
Russell	0	0.0%
Webster	0	0.0%

Total New Cases
1,765

Total Deaths by County

County	Deaths	Percent
Jefferson	506	21.1%
Fayette	134	5.6%
Warren	83	3.5%
Daviess	67	2.8%
Hopkins	67	2.8%
Kenton	65	2.7%
Christian	49	2.0%
Oldham	48	2.0%
Graves	44	1.8%
Jessamine	42	1.8%
Hardin	41	1.7%
Henderson	40	1.7%
Adair	37	1.5%
Logan	37	1.5%
McCracken	36	1.5%
Boone	35	1.5%
Barren	34	1.4%
Pike	33	1.4%
Boyd	30	1.3%
Grayson	28	1.2%
Shelby	28	1.2%
Bullitt	27	1.1%
Madison	26	1.1%
Muhlenberg	25	1.0%
Bell	23	1.0%
Ohio	23	1.0%
Campbell	22	0.9%
Lewis	22	0.9%
Pulaski	22	0.9%
Scott	22	0.9%

County	Deaths	Percent
Casey	21	0.9%
Lincoln	21	0.9%
Calloway	20	0.8%
McLean	20	0.8%
Marshall	19	0.8%
Monroe	19	0.8%
Russell	19	0.8%
Greenup	18	0.8%
Jackson	18	0.8%
Lee	18	0.8%
Franklin	17	0.7%
Marion	17	0.7%
Nelson	17	0.7%
Butler	16	0.7%
Harlan	16	0.7%
Allen	15	0.6%
Todd	15	0.6%
Clark	14	0.6%
Caldwell	13	0.5%
Clinton	13	0.5%
Edmonson	13	0.5%
Johnson	13	0.5%
Knott	12	0.5%
Laurel	12	0.5%
Montgomery	12	0.5%
Hancock	11	0.5%
Mason	11	0.5%
Perry	11	0.5%
Taylor	11	0.5%
Green	10	0.4%

County	Deaths	Percent
Knox	10	0.4%
Martin	10	0.4%
Webster	10	0.4%
Floyd	9	0.4%
Gallatin	9	0.4%
Simpson	9	0.4%
Union	9	0.4%
Washington	9	0.4%
Whitley	9	0.4%
Clay	8	0.3%
Owsley	8	0.3%
Carroll	7	0.3%
Metcalfe	7	0.3%
Rockcastle	7	0.3%
Grant	6	0.3%
Mercer	6	0.3%
Carter	5	0.2%
Hart	5	0.2%
Lyon	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Wayne	5	0.2%
Breckinridge	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%
Lawrence	4	0.2%
Livingston	4	0.2%
Meade	4	0.2%
Ballard	3	0.1%
Bracken	3	0.1%

County	Deaths	Percent
Breathitt	3	0.1%
Crittenden	3	0.1%
Henry	3	0.1%
Hickman	3	0.1%
Larue	3	0.1%
Letcher	3	0.1%
Nicholas	3	0.1%
Owen	3	0.1%
Rowan	3	0.1%
Bath	2	0.1%
Cumberland	2	0.1%
Trigg	2	0.1%
Anderson	1	0.0%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Fleming	1	0.0%
Harrison	1	0.0%
Leslie	1	0.0%
McCreary	1	0.0%
Magoffin	1	0.0%
Menifee	1	0.0%
Pendleton	1	0.0%
Wolfe	1	0.0%
Woodford	1	0.0%
Boyle	0	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%
Trimble	0	0.0%

Total Deaths
2,397

Incidence Rates by County

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

County	Rate
Clinton	198.5
Wayne	192.5
McCreary	189.9
Russell	149.8
Pulaski	133.4
Carter	112.0
Adair	104.2
Green	101.8
Cumberland	101.5
Letcher	100.1
Whitley	98.1
Taylor	96.5
Mercer	89.9
Clay	88.3
Robertson	88.1
Carroll	86.0
Washington	81.5
Daviess	79.5
Boyle	79.4
Trigg	79.0
Todd	75.5
Harlan	73.6
Marion	73.4
Martin	71.5
Allen	70.4
Wolfe	69.9
Warren	69.5
Casey	69.0
Boone	68.7
Bell	68.6

County	Rate
Greenup	68.4
Madison	66.1
Anderson	65.9
Logan	65.9
Simpson	65.4
Garrard	64.7
Henry	64.7
Kenton	64.2
Laurel	63.9
Carlisle	63.0
Grant	62.7
Larue	62.5
Knox	62.4
Owsley	61.5
Union	60.6
Muhlenberg	59.2
Mason	58.6
Bourbon	58.5
Perry	58.2
Butler	57.7
Elliott	57.0
Lawrence	56.0
Hopkins	55.6
Henderson	55.6
Powell	55.5
Gallatin	54.8
Morgan	53.7
Christian	53.5
Pike	52.3
Campbell	51.7

County	Rate
Spencer	51.7
Monroe	51.0
Boyd	50.8
Oldham	50.7
Trimble	50.6
Marshall	50.1
Pendleton	49.9
Metcalfe	49.6
Graves	49.5
Rockcastle	48.8
Lincoln	48.3
Fayette	48.1
Jefferson	47.8
McCracken	47.4
Hardin	47.3
Bracken	46.5
Leslie	46.3
Menifee	46.2
Jackson	46.1
Fleming	46.0
Owen	45.9
Magoffin	45.8
Nicholas	45.2
Floyd	45.0
Clark	44.9
Hancock	44.2
Hart	43.5
Meade	43.5
Ohio	43.5
Edmonson	42.3

County	Rate
Shelby	42.3
Montgomery	41.6
Caldwell	41.5
Nelson	41.4
Estill	40.5
Livingston	40.4
Lyon	40.0
Bullitt	39.9
Breathitt	39.6
Hickman	39.1
McLean	38.8
Johnson	38.6
Harrison	38.6
Webster	37.5
Woodford	36.9
Franklin	35.9
Bath	35.4
Jessamine	35.4
Grayson	35.1
Calloway	34.4
Barren	34.2
Knott	33.8
Fulton	33.5
Lee	32.8
Rowan	32.7
Scott	29.6
Ballard	25.4
Breckinridge	24.4
Lewis	14.0
Crittenden	13.0

Current Overall Incidence Rate
57.25 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.