

KY COVID-19 Report 27DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	257,063	207,578	49,485
Deaths	2,555	2,391	164
New Cases	1,509	1,215	294
New Cases 18 and Under	181	139	42
New Deaths	21	19	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,035	3.9%	0-9	0.0%	1
26,182	10.2%	10-19	0.0%	1
47,364	18.4%	20-29	0.0%	1
38,890	15.1%	30-39	0.7%	17
38,227	14.9%	40-49	1.6%	42
36,872	14.3%	50-59	5.9%	150
28,888	11.2%	60-69	16.6%	423
17,926	7.0%	70-79	26.1%	667
12,531	4.9%	80+	49.0%	1,253
148	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
525	0.3%	American Indian	0.1%	2
2,469	1.3%	Asian	0.7%	17
18,197	9.5%	Black	9.8%	230
173	0.1%	Pacific Islander	0.0%	1
160,026	83.7%	White	86.7%	2,036
9,844	5.1%	Multiracial	2.7%	63
Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,895	5.4%	Hispanic	2.3%	51
174,869	94.6%	Non-Hispanic	97.7%	2,202

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 74.4% of cases and 91.9% of deaths
Ethnicity known for 71.9% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	32,985	12.8%
Deaths	1,793	70.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,047	99,834	8.06%

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
3,373,492	3,113,655	101,339	158,498	202,010	179,183	6,748	16,079

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,067	5.08%
Ever ICU	2,981	1.16%
Recovered	35,952	13.99%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,504
ICU	411
On Ventilator	217

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,492	5,765	56.5%
ICU Beds	1,121	682	62.2%
Ventilators	603	1,170	34.0%

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	87	29	15	11.0%	28.4%	15.2%	55.18%	59.80%	24.24%
Region 2	100	31	17	12.1%	25.4%	20.2%	50.49%	32.79%	34.52%
Region 3	444	100	63	11.6%	19.2%	14.4%	50.85%	57.77%	36.38%
Region 4	95	32	13	11.2%	29.6%	11.9%	43.90%	78.70%	23.85%
Region 5	253	72	39	9.2%	17.3%	7.5%	63.66%	68.27%	39.08%
Region 6	137	30	14	10.9%	17.1%	12.6%	62.88%	46.86%	53.15%
Region 7	95	13	5	15.2%	20.3%	4.2%	67.94%	76.56%	8.47%
Region 8	148	49	31	12.4%	36.0%	23.0%	55.47%	80.88%	45.19%
Region 9	99	22	12	14.9%	19.3%	12.2%	67.72%	62.28%	16.33%
Region 10	46	33	8	9.7%	73.3%	13.3%	50.84%	84.44%	25.00%

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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	49,671	19.3%
Fayette	22,682	8.8%
Warren	9,750	3.8%
Kenton	8,404	3.3%
Boone	7,293	2.8%
Hardin	5,711	2.2%
Madison	5,612	2.2%
Daviess	5,558	2.2%
Campbell	4,363	1.7%
McCracken	4,173	1.6%
Christian	4,090	1.6%
Bullitt	4,000	1.6%
Oldham	3,558	1.4%
Pulaski	3,503	1.4%
Laurel	3,482	1.4%
Shelby	2,923	1.1%
Boyd	2,891	1.1%
Henderson	2,860	1.1%
Nelson	2,752	1.1%
Pike	2,743	1.1%
Whitley	2,609	1.0%
Graves	2,547	1.0%
Hopkins	2,538	1.0%
Jessamine	2,534	1.0%
Barren	2,490	1.0%
Scott	2,395	0.9%
Calloway	2,296	0.9%
Greenup	2,159	0.8%
Franklin	2,077	0.8%
Boyle	1,974	0.8%

County	Cases	Percent
Muhlenberg	1,859	0.7%
Floyd	1,741	0.7%
Bell	1,720	0.7%
Knox	1,671	0.7%
Taylor	1,663	0.6%
Logan	1,649	0.6%
Clay	1,528	0.6%
Perry	1,500	0.6%
Harlan	1,493	0.6%
Marion	1,489	0.6%
Marshall	1,470	0.6%
Ohio	1,429	0.6%
Clark	1,413	0.5%
Lincoln	1,407	0.5%
Montgomery	1,335	0.5%
Carter	1,312	0.5%
Mercer	1,298	0.5%
Grayson	1,253	0.5%
Wayne	1,244	0.5%
Hart	1,213	0.5%
Woodford	1,208	0.5%
Grant	1,201	0.5%
Adair	1,181	0.5%
Rowan	1,156	0.4%
Simpson	1,143	0.4%
Meade	1,099	0.4%
Johnson	1,096	0.4%
Allen	1,090	0.4%
Russell	1,065	0.4%
McCreary	1,043	0.4%

County	Cases	Percent
Lee	1,035	0.4%
Letcher	1,011	0.4%
Spencer	963	0.4%
Union	935	0.4%
Anderson	925	0.4%
Monroe	916	0.4%
Garrard	909	0.4%
Mason	868	0.3%
Caldwell	860	0.3%
Bourbon	852	0.3%
Washington	847	0.3%
Jackson	822	0.3%
Casey	808	0.3%
Larue	796	0.3%
Rockcastle	795	0.3%
Henry	794	0.3%
Clinton	776	0.3%
Elliott	775	0.3%
Butler	757	0.3%
Lewis	744	0.3%
Green	733	0.3%
Knott	718	0.3%
Webster	717	0.3%
Harrison	704	0.3%
Magoffin	698	0.3%
Lawrence	690	0.3%
Powell	674	0.3%
Fleming	668	0.3%
Estill	653	0.3%
Todd	650	0.3%

County	Cases	Percent
Trigg	642	0.2%
Martin	641	0.2%
Breckinridge	625	0.2%
Pendleton	585	0.2%
Metcalf	577	0.2%
Breathitt	572	0.2%
McLean	535	0.2%
Edmonson	520	0.2%
Carroll	507	0.2%
Morgan	506	0.2%
Bath	494	0.2%
Livingston	483	0.2%
Leslie	450	0.2%
Hancock	419	0.2%
Gallatin	417	0.2%
Owen	416	0.2%
Cumberland	384	0.1%
Trimble	364	0.1%
Fulton	353	0.1%
Crittenden	333	0.1%
Lyon	317	0.1%
Carlisle	314	0.1%
Owsley	303	0.1%
Wolfe	297	0.1%
Bracken	273	0.1%
Nicholas	249	0.1%
Ballard	227	0.1%
Hickman	223	0.1%
Menifee	204	0.1%
Robertson	132	0.1%

Total Cases
257,063

New Cases by County

County	Cases	Percent
Jefferson	169	11.2%
Fayette	101	6.7%
Henderson	64	4.2%
Boone	63	4.2%
Daviess	60	4.0%
Kenton	56	3.7%
Hardin	43	2.8%
Bullitt	41	2.7%
Calloway	40	2.7%
McCracken	37	2.5%
Pulaski	36	2.4%
Boyd	34	2.3%
Warren	34	2.3%
Boyle	32	2.1%
Letcher	32	2.1%
Campbell	25	1.7%
Henry	25	1.7%
Lincoln	25	1.7%
Shelby	23	1.5%
Nelson	22	1.5%
Christian	21	1.4%
Wayne	21	1.4%
Graves	20	1.3%
McCreary	20	1.3%
Breathitt	18	1.2%
Madison	17	1.1%
Franklin	16	1.1%
Carter	15	1.0%
Grayson	14	0.9%
Scott	13	0.9%

County	Cases	Percent
Meade	12	0.8%
Taylor	12	0.8%
Elliott	11	0.7%
Floyd	11	0.7%
Oldham	11	0.7%
Clark	10	0.7%
Union	10	0.7%
Cumberland	9	0.6%
Harlan	9	0.6%
Lawrence	9	0.6%
Todd	9	0.6%
Trigg	9	0.6%
Jessamine	8	0.5%
Woodford	8	0.5%
Bell	7	0.5%
Laurel	7	0.5%
Mason	7	0.5%
Muhlenberg	7	0.5%
Russell	7	0.5%
Spencer	7	0.5%
Barren	6	0.4%
Casey	6	0.4%
Clinton	6	0.4%
Garrard	6	0.4%
Hancock	6	0.4%
Montgomery	6	0.4%
Ohio	6	0.4%
Webster	6	0.4%
Whitley	6	0.4%
Grant	5	0.3%

County	Cases	Percent
Hopkins	5	0.3%
Lee	5	0.3%
Perry	5	0.3%
Pike	5	0.3%
Allen	4	0.3%
Bath	4	0.3%
Bourbon	4	0.3%
Butler	4	0.3%
Estill	4	0.3%
McLean	4	0.3%
Mercer	4	0.3%
Morgan	4	0.3%
Simpson	4	0.3%
Carlisle	3	0.2%
Clay	3	0.2%
Edmonson	3	0.2%
Greenup	3	0.2%
Knott	3	0.2%
Knox	3	0.2%
Livingston	3	0.2%
Logan	3	0.2%
Marion	3	0.2%
Marshall	3	0.2%
Monroe	3	0.2%
Owsley	3	0.2%
Rowan	3	0.2%
Trimble	3	0.2%
Washington	3	0.2%
Adair	2	0.1%
Ballard	2	0.1%

County	Cases	Percent
Green	2	0.1%
Harrison	2	0.1%
Jackson	2	0.1%
Larue	2	0.1%
Lewis	2	0.1%
Lyon	2	0.1%
Martin	2	0.1%
Metcalfe	2	0.1%
Robertson	2	0.1%
Wolfe	2	0.1%
Anderson	1	0.1%
Breckinridge	1	0.1%
Carroll	1	0.1%
Fleming	1	0.1%
Hart	1	0.1%
Johnson	1	0.1%
Menifee	1	0.1%
Powell	1	0.1%
Bracken	0	0.0%
Caldwell	0	0.0%
Crittenden	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Leslie	0	0.0%
Magoffin	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Pendleton	0	0.0%
Rockcastle	0	0.0%

Total New Cases
1,509

Total Deaths by County

County	Deaths	Percent
Jefferson	517	20.2%
Fayette	138	5.4%
Warren	84	3.3%
Hopkins	77	3.0%
Daviess	73	2.9%
Kenton	65	2.5%
Christian	51	2.0%
Oldham	48	1.9%
Graves	46	1.8%
Jessamine	45	1.8%
Henderson	44	1.7%
Hardin	42	1.6%
McCracken	40	1.6%
Adair	39	1.5%
Logan	39	1.5%
Barren	35	1.4%
Boone	35	1.4%
Madison	34	1.3%
Pike	34	1.3%
Boyd	31	1.2%
Grayson	31	1.2%
Bullitt	30	1.2%
Pulaski	30	1.2%
Muhlenberg	28	1.1%
Shelby	28	1.1%
Bell	25	1.0%
Calloway	25	1.0%
Monroe	25	1.0%
Ohio	25	1.0%
Campbell	23	0.9%

County	Deaths	Percent
Casey	23	0.9%
Lincoln	23	0.9%
Russell	23	0.9%
Scott	23	0.9%
Lewis	22	0.9%
McLean	20	0.8%
Marion	20	0.8%
Franklin	19	0.7%
Greenup	19	0.7%
Jackson	19	0.7%
Marshall	19	0.7%
Harlan	18	0.7%
Lee	18	0.7%
Allen	17	0.7%
Nelson	17	0.7%
Butler	16	0.6%
Mason	16	0.6%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Clinton	14	0.5%
Johnson	14	0.5%
Edmonson	13	0.5%
Knott	13	0.5%
Laurel	13	0.5%
Taylor	13	0.5%
Montgomery	12	0.5%
Perry	12	0.5%
Hancock	11	0.4%
Webster	11	0.4%

County	Deaths	Percent
Floyd	10	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Simpson	10	0.4%
Gallatin	9	0.4%
Hart	9	0.4%
Union	9	0.4%
Washington	9	0.4%
Whitley	9	0.4%
Clay	8	0.3%
Rockcastle	8	0.3%
Metcalfe	7	0.3%
Carroll	6	0.2%
Carter	6	0.2%
Grant	6	0.2%
Mercer	6	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Livingston	5	0.2%
Lyon	5	0.2%
Owen	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Wayne	5	0.2%
Bath	4	0.2%
Cumberland	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%

County	Deaths	Percent
Henry	4	0.2%
Lawrence	4	0.2%
Meade	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Larue	3	0.1%
Letcher	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Anderson	2	0.1%
Ballard	2	0.1%
Boyle	2	0.1%
Fleming	2	0.1%
Wolfe	2	0.1%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	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%
Woodford	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%
Trimble	0	0.0%

Total Deaths
2,555

Incidence Rates by County

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

County	Rate
Boyle	141.6
McCreary	131.0
Clay	124.9
Wayne	108.2
Carlisle	102.0
Letcher	100.7
Clinton	99.3
Graves	74.8
Fleming	74.5
Owsley	74.4
Harlan	73.0
Lawrence	65.3
Mercer	65.1
Anderson	64.1
Menifee	63.8
Christian	63.1
Laurel	63.0
Breathitt	61.1
Simpson	60.8
Henderson	59.7
Knox	58.3
Warren	57.2
Pulaski	56.9
Daviess	56.3
Greenup	56.2
Whitley	55.9
Allen	55.6
Union	52.6
Elliott	51.3
Bourbon	51.3

County	Rate
McLean	51.2
Carter	51.2
Calloway	50.9
Leslie	50.6
Logan	49.0
Monroe	48.3
Robertson	47.4
Shelby	47.2
Todd	46.5
Wolfe	45.9
Muhlenberg	45.7
Pike	44.9
Boone	44.8
Green	44.4
Henry	44.3
Hancock	44.2
Taylor	43.8
Boyd	43.7
Kenton	43.3
Jackson	42.9
Mason	42.7
Lincoln	42.5
Hopkins	42.2
Martin	42.1
Marion	41.5
Madison	41.3
Grayson	41.1
Cumberland	41.0
Marshall	40.9
Jefferson	40.3

County	Rate
Washington	40.2
Grant	39.9
Webster	38.6
Lee	38.6
Bell	37.9
Fayette	37.7
Estill	37.5
Nicholas	37.3
Oldham	36.6
Johnson	36.1
Breckinridge	34.9
Floyd	34.1
Campbell	34.0
McCracken	33.8
Powell	33.5
Ohio	33.3
Livingston	32.6
Bullitt	32.5
Rockcastle	32.5
Trigg	32.2
Perry	31.6
Rowan	31.5
Nelson	31.5
Butler	31.1
Barren	30.7
Gallatin	30.6
Clark	30.3
Franklin	30.3
Casey	30.1
Bath	29.7

County	Rate
Carroll	29.6
Russell	29.5
Garrard	29.1
Hardin	29.1
Harrison	28.7
Meade	28.5
Metcalfe	28.4
Bracken	27.5
Owen	27.5
Woodford	27.3
Edmonson	27.0
Knott	27.0
Trimble	27.0
Morgan	26.8
Spencer	24.4
Lyon	24.4
Jessamine	24.3
Fulton	23.9
Scott	23.6
Montgomery	22.8
Larue	21.8
Pendleton	20.6
Hart	20.3
Lewis	19.4
Caldwell	19.1
Ballard	18.1
Adair	17.9
Magoffin	16.4
Crittenden	11.4
Hickman	9.8

Current Overall Incidence Rate
43.53 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.