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%
Metcalfe	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		County	Cases	Percent		County	Cases	Percent		County	Cases	Percent
Jefferson	169	11.2%		Meade	12	0.8%		Hopkins	5	0.3%		Green	2	0.1%
Fayette	101	6.7%		Taylor	12	0.8%		Lee	5	0.3%		Harrison	2	0.1%
Henderson	64	4.2%		Elliott	11	0.7%		Perry	5	0.3%		Jackson	2	0.1%
Boone	63	4.2%		Floyd	11	0.7%		Pike	5	0.3%		Larue	2	0.1%
Daviess	60	4.0%		Oldham	11	0.7%		Allen	4	0.3%		Lewis	2	0.1%
Kenton	56	3.7%		Clark	10	0.7%		Bath	4	0.3%		Lyon	2	0.1%
Hardin	43	2.8%		Union	10	0.7%		Bourbon	4	0.3%		Martin	2	0.1%
Bullitt	41	2.7%		Cumberland	9	0.6%		Butler	4	0.3%		Metcalfe	2	0.1%
Calloway	40	2.7%		Harlan	9	0.6%		Estill	4	0.3%		Robertson	2	0.1%
McCracken	37	2.5%		Lawrence	9	0.6%		McLean	4	0.3%		Wolfe	2	0.1%
Pulaski	36	2.4%		Todd	9	0.6%		Mercer	4	0.3%		Anderson	1	0.1%
Boyd	34	2.3%		Trigg	9	0.6%		Morgan	4	0.3%		Breckinridge	1	0.1%
Warren	34	2.3%		Jessamine	8	0.5%		Simpson	4	0.3%		Carroll	1	0.1%
Boyle	32	2.1%		Woodford	8	0.5%		Carlisle	3	0.2%		Fleming	1	0.1%
Letcher	32	2.1%		Bell	7	0.5%		Clay	3	0.2%		Hart	1	0.1%
Campbell	25	1.7%		Laurel	7	0.5%		Edmonson	3	0.2%		Johnson	1	0.1%
Henry	25	1.7%		Mason	7	0.5%		Greenup	3	0.2%		Menifee	1	0.1%
Lincoln	25	1.7%		Muhlenberg	7	0.5%		Knott	3	0.2%		Powell	1	0.1%
Shelby	23	1.5%		Russell	7	0.5%		Knox	3	0.2%		Bracken	0	0.0%
Nelson	22	1.5%		Spencer	7	0.5%		Livingston	3	0.2%		Caldwell	0	0.0%
Christian	21	1.4%		Barren	6	0.4%		Logan	3	0.2%		Crittenden	0	0.0%
Wayne	21	1.4%		Casey	6	0.4%		Marion	3	0.2%		Fulton	0	0.0%
Graves	20	1.3%		Clinton	6	0.4%		Marshall	3	0.2%		Gallatin	0	0.0%
McCreary	20	1.3%		Garrard	6	0.4%		Monroe	3	0.2%		Hickman	0	0.0%
Breathitt	18	1.2%		Hancock	6	0.4%		Owsley	3	0.2%		Leslie	0	0.0%
Madison	17	1.1%		Montgomery	6	0.4%		Rowan	3	0.2%		Magoffin	0	0.0%
Franklin	16	1.1%		Ohio	6	0.4%		Trimble	3	0.2%		Nicholas	0	0.0%
Carter	15	1.0%		Webster	6	0.4%		Washington	3	0.2%		Owen	0	0.0%
Grayson	14	0.9%		Whitley	6	0.4%		Adair	2	0.1%		Pendleton	0	0.0%
Scott	13	0.9%		Grant	5	0.3%		Ballard	2	0.1%		Rockcastle	0	0.0%

Total New Cases
1,509

Total Deaths by County

County	Deaths	Percent	County	Deaths	Percent	County	Deaths	Percent	County	Deaths	Percent
Jefferson	517	20.2%	Casey	23	0.9%	Floyd	10	0.4%	Henry	4	0.2%
Fayette	138	5.4%	Lincoln	23	0.9%	Green	10	0.4%	Lawrence	4	0.2%
Warren	84	3.3%	Russell	23	0.9%	Knox	10	0.4%	Meade	4	0.2%
Hopkins	77	3.0%	Scott	23	0.9%	Martin	10	0.4%	Bracken	3	0.1%
Daviess	73	2.9%	Lewis	22	0.9%	Owsley	10	0.4%	Breathitt	3	0.1%
Kenton	65	2.5%	McLean	20	0.8%	Simpson	10	0.4%	Crittenden	3	0.1%
Christian	51	2.0%	Marion	20	0.8%	Gallatin	9	0.4%	Larue	3	0.1%
Oldham	48	1.9%	Franklin	19	0.7%	Hart	9	0.4%	Letcher	3	0.1%
Graves	46	1.8%	Greenup	19	0.7%	Union	9	0.4%	Nicholas	3	0.1%
Jessamine	45	1.8%	Jackson	19	0.7%	Washington	9	0.4%	Rowan	3	0.1%
Henderson	44	1.7%	Marshall	19	0.7%	Whitley	9	0.4%	Trigg	3	0.1%
Hardin	42	1.6%	Harlan	18	0.7%	Clay	8	0.3%	Anderson	2	0.1%
McCracken	40	1.6%	Lee	18	0.7%	Rockcastle	8	0.3%	Ballard	2	0.1%
Adair	39	1.5%	Allen	17	0.7%	Metcalfe	7	0.3%	Boyle	2	0.1%
Logan	39	1.5%	Nelson	17	0.7%	Carroll	6	0.2%	Fleming	2	0.1%
Barren	35	1.4%	Butler	16	0.6%	Carter	6	0.2%	Wolfe	2	0.1%
Boone	35	1.4%	Mason	16	0.6%	Grant	6	0.2%	Bourbon	1	0.0%
Madison	34	1.3%	Todd	16	0.6%	Mercer	6	0.2%	Carlisle	1	0.0%
Pike	34	1.3%	Caldwell	15	0.6%	Breckinridge	5	0.2%	Elliott	1	0.0%
Boyd	31	1.2%	Clark	15	0.6%	Hickman	5	0.2%	Harrison	1	0.0%
Grayson	31	1.2%	Clinton	14	0.5%	Livingston	5	0.2%	Leslie	1	0.0%
Bullitt	30	1.2%	Johnson	14	0.5%	Lyon	5	0.2%	McCreary	1	0.0%
Pulaski	30	1.2%	Edmonson	13	0.5%	Owen	5	0.2%	Magoffin	1	0.0%
Muhlenberg	28	1.1%	Knott	13	0.5%	Robertson	5	0.2%	Menifee	1	0.0%
Shelby	28	1.1%	Laurel	13	0.5%	Spencer	5	0.2%	Pendleton	1	0.0%
Bell	25	1.0%	Taylor	13	0.5%	Wayne	5	0.2%	Woodford	1	0.0%
Calloway	25	1.0%	Montgomery	12	0.5%	Bath	4	0.2%	Estill	0	0.0%
Monroe	25	1.0%	Perry	12	0.5%	Cumberland	4	0.2%	Morgan	0	0.0%
Ohio	25	1.0%	Hancock	11	0.4%	Fulton	4	0.2%	Powell	0	0.0%
Campbell	23	0.9%	Webster	11	0.4%	Garrard	4	0.2%	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	County	Rate	County	Rate	County	Rate
Boyle	141.6	McLean	51.2	Washington	40.2	Carroll	29.6
McCreary	131.0	Carter	51.2	Grant	39.9	Russell	29.5
Clay	124.9	Calloway	50.9	Webster	38.6	Garrard	29.1
Wayne	108.2	Leslie	50.6	Lee	38.6	Hardin	29.1
Carlisle	102.0	Logan	49.0	Bell	37.9	Harrison	28.7
Letcher	100.7	Monroe	48.3	Fayette	37.7	Meade	28.5
Clinton	99.3	Robertson	47.4	Estill	37.5	Metcalfe	28.4
Graves	74.8	Shelby	47.2	Nicholas	37.3	Bracken	27.5
Fleming	74.5	Todd	46.5	Oldham	36.6	Owen	27.5
Owsley	74.4	Wolfe	45.9	Johnson	36.1	Woodford	27.3
Harlan	73.0	Muhlenberg	45.7	Breckinridge	34.9	Edmonson	27.0
Lawrence	65.3	Pike	44.9	Floyd	34.1	Knott	27.0
Mercer	65.1	Boone	44.8	Campbell	34.0	Trimble	27.0
Anderson	64.1	Green	44.4	McCracken	33.8	Morgan	26.8
Menifee	63.8	Henry	44.3	Powell	33.5	Spencer	24.4
Christian	63.1	Hancock	44.2	Ohio	33.3	Lyon	24.4
Laurel	63.0	Taylor	43.8	Livingston	32.6	Jessamine	24.3
Breathitt	61.1	Boyd	43.7	Bullitt	32.5	Fulton	23.9
Simpson	60.8	Kenton	43.3	Rockcastle	32.5	Scott	23.6
Henderson	59.7	Jackson	42.9	Trigg	32.2	Montgomery	22.8
Knox	58.3	Mason	42.7	Perry	31.6	Larue	21.8
Warren	57.2	Lincoln	42.5	Rowan	31.5	Pendleton	20.6
Pulaski	56.9	Hopkins	42.2	Nelson	31.5	Hart	20.3
Daviess	56.3	Martin	42.1	Butler	31.1	Lewis	19.4
Greenup	56.2	Marion	41.5	Barren	30.7	Caldwell	19.1
Whitley	55.9	Madison	41.3	Gallatin	30.6	Ballard	18.1
Allen	55.6	Grayson	41.1	Clark	30.3	Adair	17.9
Union	52.6	Cumberland	41.0	Franklin	30.3	Magoffin	16.4
Elliott	51.3	Marshall	40.9	Casey	30.1	Crittenden	11.4
Bourbon	51.3	Jefferson	40.3	Bath	29.7	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.