

KY COVID-19 Report

28SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	684,989	497,270	187,719
Deaths	8,635	7,697	938
New Cases	4,551	1,611	2,940
New Cases 18 and Under	1,465	362	1,103
Total New Deaths	56	49	7

Duplicates and records not meeting case criteria removed since last report: 16

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
43,648	6.4%	0-9	0.0%	1
91,437	13.3%	10-19	0.0%	4
119,138	17.4%	20-29	0.3%	23
106,500	15.5%	30-39	0.9%	82
99,803	14.6%	40-49	2.8%	246
92,032	13.4%	50-59	7.7%	662
68,701	10.0%	60-69	18.4%	1,593
40,132	5.9%	70-79	27.3%	2,358
23,363	3.4%	80+	42.5%	3,666
235	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,716	0.3%	American Indian	0.1%	8
5,117	0.9%	Asian	0.5%	43
44,622	7.8%	Black	7.5%	622
377	0.1%	Pacific Islander	0.0%	4
489,244	85.7%	White	89.3%	7,373
29,625	5.2%	Multiracial	2.5%	205

Cases	Case Percent	Ethnicity	Death Percent	Deaths
25,791	4.7%	Hispanic	1.5%	124
519,575	95.3%	Non-Hispanic	98.5%	7,881

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.3% of cases and 95.6% of deaths
Ethnicity known for 79.6% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,652	121,661	10.40%

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
8,992,681	6,849,944	386,731	1,551,582	827,836	582,629	48,773	196,434

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	28,778	4.20%
Ever ICU	5,655	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,006
ICU	588
On Ventilator	395

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,003	4,240	68.0%
ICU Beds	1,313	233	84.9%
Ventilators	844	1,101	43.4%

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	81	21	11	10.2%	26.3%	12.4%	57.52%	73.75%	14.61%
Region 2	141	39	21	17.8%	48.8%	24.4%	67.85%	86.25%	38.37%
Region 3	538	151	95	14.4%	37.7%	20.7%	68.11%	89.78%	45.85%
Region 4	143	51	35	16.8%	54.3%	25.0%	59.79%	100.00%	39.29%
Region 5	401	131	89	14.3%	38.3%	16.0%	76.96%	91.52%	50.09%
Region 6	131	28	17	11.0%	38.4%	14.9%	81.57%	100.00%	43.86%
Region 7	127	31	25	19.2%	32.0%	14.7%	65.91%	61.86%	20.00%
Region 8	210	54	46	16.9%	30.2%	30.3%	55.81%	73.18%	60.53%
Region 9	174	55	43	26.2%	49.5%	41.7%	63.05%	93.69%	51.46%
Region 10	60	27	13	11.6%	30.3%	17.1%	55.41%	56.18%	32.89%

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	111,388	16.3%
Fayette	48,813	7.1%
Warren	24,332	3.6%
Kenton	21,781	3.2%
Boone	18,680	2.7%
Hardin	16,679	2.4%
Daviess	15,735	2.3%
Madison	14,627	2.1%
Laurel	12,497	1.8%
Campbell	11,566	1.7%
Bullitt	11,228	1.6%
Pike	9,746	1.4%
Oldham	9,626	1.4%
Pulaski	9,564	1.4%
Christian	9,538	1.4%
McCracken	9,498	1.4%
Whitley	7,836	1.1%
Boyd	7,723	1.1%
Nelson	7,712	1.1%
Barren	7,549	1.1%
Jessamine	7,507	1.1%
Henderson	7,492	1.1%
Scott	7,424	1.1%
Hopkins	7,367	1.1%
Graves	6,917	1.0%
Knox	6,741	1.0%
Shelby	6,613	1.0%
Floyd	6,489	0.9%
Franklin	6,406	0.9%
Greenup	5,842	0.9%

County	Cases	Percent
Perry	5,532	0.8%
Bell	5,450	0.8%
Muhlenberg	5,106	0.7%
Boyle	5,058	0.7%
Clay	4,936	0.7%
Calloway	4,918	0.7%
Harlan	4,834	0.7%
Taylor	4,826	0.7%
Logan	4,785	0.7%
Clark	4,765	0.7%
Marshall	4,764	0.7%
Carter	4,218	0.6%
Grayson	4,172	0.6%
Montgomery	4,164	0.6%
Mercer	4,055	0.6%
Ohio	4,036	0.6%
Lincoln	3,887	0.6%
Grant	3,668	0.5%
Marion	3,663	0.5%
Letcher	3,552	0.5%
Allen	3,522	0.5%
Johnson	3,507	0.5%
Hart	3,301	0.5%
Rowan	3,185	0.5%
Woodford	3,163	0.5%
Russell	3,153	0.5%
Meade	3,150	0.5%
McCreary	3,091	0.5%
Simpson	3,000	0.4%
Harrison	2,938	0.4%

County	Cases	Percent
Bourbon	2,901	0.4%
Anderson	2,899	0.4%
Rockcastle	2,885	0.4%
Adair	2,863	0.4%
Wayne	2,769	0.4%
Morgan	2,761	0.4%
Spencer	2,640	0.4%
Breckinridge	2,517	0.4%
Garrard	2,509	0.4%
Casey	2,462	0.4%
Jackson	2,395	0.3%
Mason	2,385	0.3%
Union	2,380	0.3%
Lawrence	2,347	0.3%
Henry	2,345	0.3%
Webster	2,317	0.3%
Powell	2,278	0.3%
Larue	2,270	0.3%
Washington	2,212	0.3%
Lewis	2,203	0.3%
Butler	2,191	0.3%
Knott	2,175	0.3%
Monroe	2,123	0.3%
Caldwell	2,075	0.3%
Estill	2,030	0.3%
Magoffin	2,030	0.3%
Green	2,020	0.3%
Leslie	1,997	0.3%
Fleming	1,976	0.3%
Breathitt	1,855	0.3%

County	Cases	Percent
Clinton	1,852	0.3%
Lyon	1,842	0.3%
Trigg	1,791	0.3%
Metcalfe	1,776	0.3%
Pendleton	1,762	0.3%
Martin	1,729	0.3%
Carroll	1,725	0.3%
Lee	1,673	0.2%
Todd	1,581	0.2%
Bath	1,461	0.2%
Edmonson	1,446	0.2%
McLean	1,348	0.2%
Hancock	1,311	0.2%
Livingston	1,272	0.2%
Owen	1,271	0.2%
Elliott	1,258	0.2%
Gallatin	1,138	0.2%
Trimble	1,096	0.2%
Wolfe	1,092	0.2%
Crittenden	1,040	0.2%
Bracken	1,007	0.1%
Cumberland	1,000	0.1%
Nicholas	999	0.1%
Owsley	879	0.1%
Menifee	785	0.1%
Fulton	681	0.1%
Ballard	614	0.1%
Carlisle	595	0.1%
Hickman	523	0.1%
Robertson	308	0.0%

Total Cases
684,989

New Cases by County

County	Cases	Percent
Jefferson	1,878	41.3%
Fayette	230	5.1%
Kenton	111	2.4%
Madison	98	2.2%
Boyd	90	2.0%
Hardin	85	1.9%
Whitley	78	1.7%
Boone	76	1.7%
Christian	65	1.4%
Bullitt	62	1.4%
Warren	60	1.3%
Pulaski	50	1.1%
Anderson	45	1.0%
Campbell	45	1.0%
Daviess	43	0.9%
Ohio	42	0.9%
Scott	42	0.9%
Knox	39	0.9%
Perry	39	0.9%
Letcher	37	0.8%
Hopkins	36	0.8%
Barren	35	0.8%
Pike	35	0.8%
Mercer	34	0.7%
Muhlenberg	34	0.7%
Floyd	31	0.7%
Jessamine	30	0.7%
Nelson	30	0.7%
Bell	29	0.6%
Henderson	29	0.6%

County	Cases	Percent
Laurel	27	0.6%
Rowan	27	0.6%
Allen	26	0.6%
Graves	25	0.5%
Harrison	25	0.5%
Grayson	24	0.5%
Harlan	24	0.5%
Oldham	24	0.5%
Russell	23	0.5%
Marion	21	0.5%
Pendleton	21	0.5%
Grant	20	0.4%
Shelby	20	0.4%
Lawrence	19	0.4%
Rockcastle	19	0.4%
Wayne	19	0.4%
Owen	18	0.4%
Franklin	17	0.4%
Green	17	0.4%
Greenup	17	0.4%
Magoffin	17	0.4%
Meade	17	0.4%
Adair	16	0.4%
Boyle	16	0.4%
Caldwell	16	0.4%
McCracken	16	0.4%
Monroe	16	0.4%
Union	16	0.4%
Logan	15	0.3%
Taylor	15	0.3%

County	Cases	Percent
Johnson	13	0.3%
Leslie	13	0.3%
Woodford	13	0.3%
Carroll	12	0.3%
Carter	12	0.3%
Clark	12	0.3%
Trigg	12	0.3%
Larue	11	0.2%
Metcalfe	11	0.2%
Powell	11	0.2%
Estill	10	0.2%
Jackson	10	0.2%
Lincoln	10	0.2%
Nicholas	10	0.2%
Webster	10	0.2%
Breckinridge	9	0.2%
Butler	9	0.2%
Clay	9	0.2%
Garrard	9	0.2%
Knott	9	0.2%
Livingston	9	0.2%
Marshall	9	0.2%
Montgomery	9	0.2%
Morgan	9	0.2%
Owsley	9	0.2%
Simpson	9	0.2%
Bourbon	8	0.2%
Bracken	8	0.2%
Breathitt	8	0.2%
Crittenden	8	0.2%

County	Cases	Percent
Gallatin	8	0.2%
Hart	8	0.2%
McCreary	8	0.2%
Spencer	8	0.2%
Casey	7	0.2%
Hancock	7	0.2%
Henry	7	0.2%
Lewis	7	0.2%
Washington	7	0.2%
Bath	6	0.1%
Calloway	6	0.1%
Martin	6	0.1%
Wolfe	4	0.1%
Edmonson	3	0.1%
McLean	3	0.1%
Menifee	3	0.1%
Todd	3	0.1%
Ballard	2	0.0%
Elliott	2	0.0%
Fleming	2	0.0%
Hickman	2	0.0%
Mason	2	0.0%
Robertson	2	0.0%
Trimble	2	0.0%
Cumberland	1	0.0%
Fulton	1	0.0%
Lee	1	0.0%
Lyon	1	0.0%
Carlisle	0	0.0%
Clinton	0	0.0%

Total New Cases
4,551

Total Deaths by County

County	Deaths	Percent
Jefferson	1,488	17.2%
Fayette	359	4.2%
Daviess	242	2.8%
Kenton	236	2.7%
Warren	218	2.5%
Hardin	216	2.5%
Hopkins	181	2.1%
Boone	174	2.0%
McCracken	157	1.8%
Pulaski	153	1.8%
Pike	150	1.7%
Madison	133	1.5%
Barren	118	1.4%
Christian	118	1.4%
Graves	117	1.4%
Harlan	114	1.3%
Bullitt	111	1.3%
Laurel	104	1.2%
Shelby	97	1.1%
Floyd	94	1.1%
Henderson	94	1.1%
Boyd	92	1.1%
Oldham	90	1.0%
Campbell	88	1.0%
Jessamine	85	1.0%
Bell	84	1.0%
Muhlenberg	83	1.0%
Boyle	80	0.9%
Perry	80	0.9%
Logan	77	0.9%

County	Deaths	Percent
Grayson	75	0.9%
Marshall	75	0.9%
Ohio	73	0.8%
Whitley	73	0.8%
Lincoln	72	0.8%
Nelson	72	0.8%
Taylor	71	0.8%
Franklin	70	0.8%
Greenup	69	0.8%
Adair	64	0.7%
Allen	61	0.7%
Mercer	61	0.7%
Hart	58	0.7%
Letcher	58	0.7%
Calloway	57	0.7%
Monroe	55	0.6%
Clay	54	0.6%
Wayne	54	0.6%
Mason	53	0.6%
Russell	53	0.6%
Lewis	52	0.6%
Carter	51	0.6%
Knox	49	0.6%
Simpson	47	0.5%
Casey	46	0.5%
Jackson	46	0.5%
Caldwell	45	0.5%
Johnson	43	0.5%
McCreary	42	0.5%
Montgomery	42	0.5%

County	Deaths	Percent
Washington	42	0.5%
Garrard	41	0.5%
Marion	40	0.5%
Scott	40	0.5%
Livingston	37	0.4%
Anderson	36	0.4%
Gallatin	36	0.4%
Larue	36	0.4%
Lawrence	36	0.4%
Metcalfe	36	0.4%
McLean	35	0.4%
Webster	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Knott	32	0.4%
Crittenden	30	0.3%
Meade	30	0.3%
Todd	30	0.3%
Butler	29	0.3%
Fleming	29	0.3%
Harrison	29	0.3%
Lee	29	0.3%
Martin	29	0.3%
Bath	28	0.3%
Spencer	28	0.3%
Edmonson	27	0.3%
Union	27	0.3%
Bourbon	26	0.3%
Breckinridge	26	0.3%
Grant	26	0.3%

County	Deaths	Percent
Rowan	26	0.3%
Woodford	26	0.3%
Lyon	25	0.3%
Rockcastle	25	0.3%
Henry	23	0.3%
Carroll	22	0.3%
Green	22	0.3%
Menifee	20	0.2%
Trigg	20	0.2%
Owen	19	0.2%
Powell	19	0.2%
Breathitt	18	0.2%
Hickman	18	0.2%
Magoffin	18	0.2%
Ballard	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Robertson	15	0.2%
Nicholas	14	0.2%
Leslie	13	0.2%
Pendleton	13	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	4	0.0%

Total Deaths
8,635

Incidence Rates by County

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

County	Rate
Whitley	154.0
Letcher	152.4
Magoffin	151.5
McCreary	140.1
Harlan	129.1
Lawrence	121.2
Leslie	120.0
Estill	118.5
Owsley	116.5
Knox	116.0
Grayson	110.3
Barren	108.2
Monroe	106.0
Green	105.8
Ohio	105.4
Rockcastle	104.4
Nicholas	102.2
Perry	102.0
Metcalfe	99.3
Harrison	98.3
Pendleton	97.9
Martin	97.0
Jackson	95.4
Madison	95.3
Webster	92.7
Garrard	92.2
Mercer	91.2
Bell	86.2
Carroll	86.0
Powell	85.5

County	Rate
Rowan	82.9
Lincoln	82.6
Greenup	80.6
Marion	80.1
Fleming	79.4
Muhlenberg	79.3
Breathitt	79.2
Hardin	77.8
Bracken	77.4
Nelson	76.3
Knott	76.2
Bourbon	75.8
Boyd	75.2
Floyd	73.9
Simpson	73.8
Warren	73.6
McLean	72.9
Adair	72.9
Jefferson	72.2
Wolfe	71.9
Russell	71.7
Allen	71.7
Henry	70.9
Carter	69.8
Owen	69.5
Johnson	68.9
Washington	67.3
Christian	66.5
Clay	66.0
Jessamine	66.0

County	Rate
Laurel	65.3
Hart	65.3
Gallatin	64.4
Logan	64.3
Lewis	63.5
Boyle	62.3
Union	61.6
Cumberland	60.5
Butler	59.9
Bullitt	59.3
Scott	58.6
Spencer	57.6
Casey	57.5
Hancock	55.7
Clark	55.5
Larue	54.6
Caldwell	53.8
Fayette	53.1
Graves	52.9
Taylor	52.7
Daviess	51.6
Pulaski	50.3
Pike	49.1
Kenton	49.0
Shelby	49.0
Boone	48.0
Bath	48.0
Meade	48.0
Grant	47.9
Robertson	47.4

County	Rate
Edmonson	47.0
Woodford	46.5
Wayne	45.7
Marshall	44.1
Mason	43.5
Anderson	43.3
Hopkins	42.2
Livingston	42.0
Breckinridge	41.9
Campbell	40.6
Franklin	40.3
Morgan	39.7
Clinton	39.1
Trimble	38.8
Calloway	38.1
Henderson	36.3
Menifee	35.2
Lee	34.7
Hickman	32.6
Oldham	32.5
McCracken	28.8
Montgomery	28.4
Todd	27.9
Crittenden	27.6
Trigg	24.4
Elliott	22.8
Carlisle	21.0
Lyon	20.9
Ballard	18.1
Fulton	16.8

Current Overall Incidence Rate
65.95 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.