

KY COVID-19 Report

30SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	691,344	500,593	190,751
Deaths	8,770	7,808	962
New Cases	2,490	1,495	995
New Cases 18 and Under	722	419	303
Total New Deaths	53	45	8

Duplicates and records not meeting case criteria removed since last report: 7

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
44,448	6.4%	0-9	0.0%	1
92,669	13.4%	10-19	0.0%	4
120,014	17.4%	20-29	0.3%	24
107,410	15.5%	30-39	1.0%	85
100,644	14.6%	40-49	2.9%	256
92,760	13.4%	50-59	7.9%	690
69,248	10.0%	60-69	18.6%	1,631
40,407	5.8%	70-79	27.2%	2,385
23,509	3.4%	80+	42.1%	3,694
235	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,757	0.3%	American Indian	0.1%	8
5,205	0.9%	Asian	0.5%	43
45,470	7.9%	Black	7.5%	632
378	0.1%	Pacific Islander	0.0%	4
495,310	85.7%	White	89.3%	7,485
29,929	5.2%	Multiracial	2.5%	211

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,011	4.7%	Hispanic	1.5%	126
524,320	95.3%	Non-Hispanic	98.5%	8,009

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.6% of cases and 95.6% of deaths
Ethnicity known for 79.6% of cases and 92.8% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,734	106,515	10.08%

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
9,053,797	6,884,380	387,718	1,575,320	835,148	586,209	49,092	199,847

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	29,006	4.20%
Ever ICU	5,696	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,976
ICU	566
On Ventilator	381

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,377	4,514	67.5%
ICU Beds	1,355	333	80.3%
Ventilators	851	1,124	43.1%

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	72	17	11	7.6%	7.1%	12.5%	50.79%	29.46%	17.05%
Region 2	141	42	23	18.0%	52.5%	26.7%	70.97%	93.75%	43.02%
Region 3	547	152	90	13.1%	36.5%	19.4%	64.12%	88.73%	44.40%
Region 4	135	40	32	16.1%	42.1%	22.1%	62.57%	97.89%	36.55%
Region 5	379	116	81	13.3%	33.7%	14.1%	79.12%	93.90%	49.39%
Region 6	142	23	16	11.8%	29.9%	14.0%	86.40%	100.00%	43.86%
Region 7	128	32	23	19.6%	36.0%	13.5%	68.50%	60.67%	18.24%
Region 8	200	60	47	16.7%	43.5%	30.3%	57.55%	96.38%	58.71%
Region 9	168	57	43	24.2%	50.0%	41.3%	63.49%	90.35%	54.81%
Region 10	64	27	15	11.8%	29.0%	20.3%	48.15%	60.22%	36.49%

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	112,496	16.3%
Fayette	49,176	7.1%
Warren	24,480	3.5%
Kenton	21,998	3.2%
Boone	18,862	2.7%
Hardin	16,870	2.4%
Daviess	15,901	2.3%
Madison	14,792	2.1%
Laurel	12,565	1.8%
Campbell	11,638	1.7%
Bullitt	11,307	1.6%
Pike	9,818	1.4%
Christian	9,688	1.4%
Oldham	9,671	1.4%
Pulaski	9,623	1.4%
McCracken	9,544	1.4%
Whitley	7,926	1.1%
Nelson	7,798	1.1%
Boyd	7,773	1.1%
Jessamine	7,602	1.1%
Barren	7,598	1.1%
Scott	7,571	1.1%
Henderson	7,531	1.1%
Hopkins	7,467	1.1%
Graves	6,947	1.0%
Knox	6,825	1.0%
Shelby	6,643	1.0%
Floyd	6,530	0.9%
Franklin	6,459	0.9%
Greenup	5,896	0.9%

County	Cases	Percent
Perry	5,593	0.8%
Bell	5,486	0.8%
Muhlenberg	5,181	0.7%
Boyle	5,093	0.7%
Clay	4,958	0.7%
Calloway	4,940	0.7%
Harlan	4,930	0.7%
Taylor	4,876	0.7%
Clark	4,813	0.7%
Logan	4,811	0.7%
Marshall	4,797	0.7%
Carter	4,264	0.6%
Grayson	4,245	0.6%
Montgomery	4,200	0.6%
Mercer	4,109	0.6%
Ohio	4,081	0.6%
Lincoln	3,942	0.6%
Marion	3,699	0.5%
Grant	3,694	0.5%
Letcher	3,578	0.5%
Allen	3,564	0.5%
Johnson	3,529	0.5%
Hart	3,324	0.5%
Rowan	3,210	0.5%
Russell	3,199	0.5%
Woodford	3,186	0.5%
Meade	3,174	0.5%
McCreary	3,134	0.5%
Simpson	3,014	0.4%
Harrison	2,982	0.4%

County	Cases	Percent
Anderson	2,943	0.4%
Bourbon	2,934	0.4%
Rockcastle	2,920	0.4%
Adair	2,908	0.4%
Wayne	2,800	0.4%
Morgan	2,767	0.4%
Spencer	2,659	0.4%
Garrard	2,555	0.4%
Breckinridge	2,532	0.4%
Casey	2,474	0.4%
Jackson	2,414	0.3%
Mason	2,398	0.3%
Union	2,390	0.3%
Lawrence	2,377	0.3%
Henry	2,360	0.3%
Webster	2,340	0.3%
Powell	2,307	0.3%
Larue	2,283	0.3%
Lewis	2,230	0.3%
Washington	2,225	0.3%
Butler	2,215	0.3%
Knott	2,204	0.3%
Monroe	2,139	0.3%
Caldwell	2,107	0.3%
Green	2,055	0.3%
Magoffin	2,055	0.3%
Estill	2,047	0.3%
Leslie	2,014	0.3%
Fleming	1,996	0.3%
Clinton	1,872	0.3%

County	Cases	Percent
Breathitt	1,869	0.3%
Lyon	1,857	0.3%
Trigg	1,824	0.3%
Metcalfe	1,792	0.3%
Pendleton	1,791	0.3%
Martin	1,754	0.3%
Carroll	1,733	0.3%
Lee	1,676	0.2%
Todd	1,603	0.2%
Bath	1,470	0.2%
Edmonson	1,457	0.2%
McLean	1,363	0.2%
Hancock	1,321	0.2%
Livingston	1,288	0.2%
Owen	1,283	0.2%
Elliott	1,260	0.2%
Gallatin	1,143	0.2%
Trimble	1,102	0.2%
Wolfe	1,100	0.2%
Crittenden	1,057	0.2%
Nicholas	1,024	0.1%
Cumberland	1,015	0.1%
Bracken	1,013	0.1%
Owsley	891	0.1%
Menifee	787	0.1%
Fulton	690	0.1%
Ballard	617	0.1%
Carlisle	596	0.1%
Hickman	528	0.1%
Robertson	310	0.0%

Total Cases
691,344

New Cases by County

County	Cases	Percent
Jefferson	208	8.4%
Fayette	160	6.4%
Hardin	91	3.7%
Boone	90	3.6%
Kenton	86	3.5%
Daviess	85	3.4%
Madison	78	3.1%
Christian	59	2.4%
Scott	58	2.3%
Whitley	57	2.3%
Warren	56	2.2%
Harlan	42	1.7%
Hopkins	41	1.6%
Nelson	41	1.6%
Jessamine	39	1.6%
Muhlenberg	35	1.4%
Anderson	32	1.3%
Pike	32	1.3%
Grayson	30	1.2%
Knox	30	1.2%
Mercer	30	1.2%
McCracken	29	1.2%
McCreary	29	1.2%
Barren	27	1.1%
Garrard	27	1.1%
Greenup	27	1.1%
Laurel	27	1.1%
Campbell	26	1.0%
Boyd	25	1.0%
Bullitt	25	1.0%

County	Cases	Percent
Harrison	25	1.0%
Graves	24	1.0%
Oldham	23	0.9%
Allen	21	0.8%
Carter	21	0.8%
Pulaski	21	0.8%
Clark	20	0.8%
Ohio	19	0.8%
Perry	18	0.7%
Rockcastle	18	0.7%
Taylor	18	0.7%
Boyle	17	0.7%
Grant	17	0.7%
Franklin	16	0.6%
Henderson	16	0.6%
Lewis	16	0.6%
Lincoln	16	0.6%
Marion	16	0.6%
Trigg	16	0.6%
Powell	15	0.6%
Green	14	0.6%
Knott	14	0.6%
Logan	14	0.6%
Bell	13	0.5%
Caldwell	13	0.5%
Floyd	13	0.5%
Russell	13	0.5%
Adair	12	0.5%
Butler	12	0.5%
Johnson	11	0.4%

County	Cases	Percent
Lawrence	11	0.4%
Montgomery	11	0.4%
Pendleton	11	0.4%
Wayne	11	0.4%
Hart	10	0.4%
Jackson	10	0.4%
Larue	10	0.4%
Letcher	10	0.4%
Livingston	10	0.4%
Marshall	10	0.4%
Nicholas	10	0.4%
Owsley	10	0.4%
Shelby	10	0.4%
Webster	10	0.4%
Clay	9	0.4%
Fleming	9	0.4%
Lyon	9	0.4%
Magoffin	9	0.4%
Meade	9	0.4%
Rowan	9	0.4%
McLean	8	0.3%
Todd	8	0.3%
Washington	8	0.3%
Casey	7	0.3%
Crittenden	7	0.3%
Cumberland	7	0.3%
Simpson	7	0.3%
Bath	6	0.2%
Bourbon	6	0.2%
Hancock	6	0.2%

County	Cases	Percent
Martin	6	0.2%
Monroe	6	0.2%
Wolfe	6	0.2%
Woodford	6	0.2%
Breathitt	5	0.2%
Carroll	5	0.2%
Clinton	5	0.2%
Henry	5	0.2%
Owen	5	0.2%
Breckinridge	4	0.2%
Estill	4	0.2%
Mason	4	0.2%
Metcalfe	4	0.2%
Morgan	4	0.2%
Union	4	0.2%
Ballard	3	0.1%
Gallatin	3	0.1%
Leslie	3	0.1%
Edmonson	2	0.1%
Elliott	2	0.1%
Fulton	2	0.1%
Hickman	2	0.1%
Menifee	2	0.1%
Spencer	2	0.1%
Bracken	1	0.0%
Calloway	1	0.0%
Carlisle	1	0.0%
Robertson	1	0.0%
Lee	0	0.0%
Trimble	0	0.0%

Total New Cases
2,490

Total Deaths by County

County	Deaths	Percent
Jefferson	1,508	17.2%
Fayette	359	4.1%
Daviess	242	2.8%
Kenton	241	2.7%
Hardin	230	2.6%
Warren	222	2.5%
Hopkins	181	2.1%
Boone	177	2.0%
McCracken	158	1.8%
Pulaski	158	1.8%
Pike	150	1.7%
Madison	133	1.5%
Barren	120	1.4%
Christian	118	1.3%
Graves	117	1.3%
Harlan	116	1.3%
Bullitt	112	1.3%
Laurel	110	1.3%
Floyd	98	1.1%
Shelby	97	1.1%
Boyd	95	1.1%
Henderson	94	1.1%
Campbell	90	1.0%
Oldham	90	1.0%
Jessamine	87	1.0%
Bell	85	1.0%
Muhlenberg	83	0.9%
Perry	82	0.9%
Boyle	80	0.9%
Logan	77	0.9%

County	Deaths	Percent
Grayson	75	0.9%
Marshall	75	0.9%
Whitley	75	0.9%
Lincoln	74	0.8%
Ohio	74	0.8%
Nelson	73	0.8%
Taylor	72	0.8%
Franklin	71	0.8%
Greenup	69	0.8%
Mercer	67	0.8%
Adair	65	0.7%
Allen	61	0.7%
Hart	60	0.7%
Calloway	59	0.7%
Letcher	58	0.7%
Mason	56	0.6%
Monroe	56	0.6%
Clay	55	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Carter	51	0.6%
Knox	49	0.6%
Casey	47	0.5%
Simpson	47	0.5%
Jackson	46	0.5%
Caldwell	45	0.5%
Montgomery	45	0.5%
McCreary	44	0.5%
Johnson	43	0.5%

County	Deaths	Percent
Washington	43	0.5%
Garrard	42	0.5%
Livingston	40	0.5%
Marion	40	0.5%
Scott	40	0.5%
Gallatin	37	0.4%
Larue	37	0.4%
Metcalfe	37	0.4%
Anderson	36	0.4%
Lawrence	36	0.4%
McLean	36	0.4%
Knott	33	0.4%
Meade	33	0.4%
Webster	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Crittenden	32	0.4%
Martin	30	0.3%
Todd	30	0.3%
Butler	29	0.3%
Fleming	29	0.3%
Harrison	29	0.3%
Lee	29	0.3%
Bath	28	0.3%
Edmonson	28	0.3%
Spencer	28	0.3%
Bourbon	27	0.3%
Grant	27	0.3%
Union	27	0.3%
Breckinridge	26	0.3%

County	Deaths	Percent
Rowan	26	0.3%
Woodford	26	0.3%
Lyon	25	0.3%
Rockcastle	25	0.3%
Carroll	23	0.3%
Henry	23	0.3%
Green	22	0.3%
Breathitt	21	0.2%
Menifee	20	0.2%
Owen	20	0.2%
Powell	20	0.2%
Trigg	20	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	0.1%
Pendleton	13	0.1%
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
8,770

Incidence Rates by County

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

County	Rate
Whitley	141.4
McCreary	131.8
Harlan	129.1
Owsley	123.0
Lawrence	110.1
Magoffin	108.1
Letcher	106.1
Knox	102.7
Grayson	102.2
Green	100.5
Powell	98.3
Ohio	97.0
Pendleton	94.0
Harrison	92.3
Perry	92.1
Muhlenberg	89.6
Nicholas	88.4
Garrard	87.3
McLean	82.2
Webster	81.7
Estill	81.0
Nelson	80.6
Martin	80.4
Adair	80.3
Leslie	79.5
Jackson	79.3
Monroe	79.1
Mercer	78.8
Rockcastle	78.7
Jefferson	77.7

County	Rate
Bell	76.8
Metcalfe	76.6
Allen	76.4
Marion	76.3
Madison	74.2
Russell	74.1
Greenup	72.9
Cumberland	71.3
Barren	70.7
Hardin	69.5
Knott	68.5
Bracken	67.1
Lincoln	66.3
Fleming	65.6
Breathitt	62.2
Rowan	61.9
Carter	61.8
Johnson	61.8
Owen	61.6
Boyd	61.2
Robertson	61.0
Hancock	60.6
Clinton	60.1
Jessamine	59.4
Warren	58.6
Henry	58.5
Daviess	58.4
Carroll	57.8
Christian	57.4
Floyd	56.6

County	Rate
Bourbon	54.9
Clark	53.2
Butler	52.1
Washington	52.0
Wolfe	51.9
Logan	51.7
Hart	51.0
Kenton	51.0
Boyle	50.9
Simpson	50.8
Laurel	50.5
Union	49.7
Bullitt	49.5
Fayette	49.2
Scott	48.9
Boone	47.6
Clay	47.4
Spencer	47.2
Taylor	46.0
Gallatin	45.1
Larue	44.6
Caldwell	42.6
Casey	42.4
Hopkins	41.9
Meade	41.5
Pike	41.5
Anderson	40.2
Woodford	40.1
Wayne	39.3
Trimble	38.8

County	Rate
Lewis	38.7
Pulaski	38.3
Franklin	38.1
Graves	38.0
Shelby	37.9
Grant	37.6
Campbell	37.1
Bath	35.4
Henderson	35.1
Marshall	34.9
Breckinridge	32.8
Hickman	32.6
Calloway	32.2
Edmonson	31.7
Mason	31.0
Lee	30.9
Oldham	30.2
Livingston	29.5
Trigg	29.3
Crittenden	29.2
Morgan	27.9
McCracken	27.3
Todd	24.4
Lyon	24.4
Montgomery	22.3
Menifee	22.0
Carlisle	18.0
Fulton	16.8
Ballard	16.3
Elliott	15.2

Current Overall Incidence Rate
60.29 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.