

KY COVID-19 Report 16SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	644,563	472,184	172,379
Deaths	8,206	7,334	872
New Cases	4,891	3,134	1,757
New Cases 18 and Under	1,416	841	575
Total New Deaths	62	56	6

Duplicates and records not meeting case criteria removed since last report: 15

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
39,202	6.1%	0-9	0.0%	1
84,101	13.0%	10-19	0.0%	3
113,070	17.5%	20-29	0.2%	16
100,360	15.6%	30-39	0.8%	65
94,414	14.6%	40-49	2.7%	219
87,442	13.6%	50-59	7.3%	596
65,208	10.1%	60-69	18.1%	1,484
38,102	5.9%	70-79	27.4%	2,252
22,429	3.5%	80+	43.5%	3,570
235	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,592	0.3%	American Indian	0.1%	8
4,942	0.9%	Asian	0.5%	42
42,734	7.9%	Black	7.8%	610
377	0.1%	Pacific Islander	0.1%	4
460,868	85.6%	White	89.2%	7,006
27,724	5.2%	Multiracial	2.4%	188

Cases	Case Percent	Ethnicity	Death Percent	Deaths
24,789	4.8%	Hispanic	1.6%	120
489,431	95.2%	Non-Hispanic	98.4%	7,490

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.5% of cases and 95.8% of deaths
Ethnicity known for 79.8% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
19,357	148,862	13.00%

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
8,596,722	6,602,049	377,992	1,431,187	780,932	553,304	46,022	181,606

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	27,606	4.28%
Ever ICU	5,467	0.85%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,453
ICU	667
On Ventilator	448

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,638	3,583	72.9%
ICU Beds	1,437	137	91.3%
Ventilators	859	1,082	44.3%

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	139	59	27	17.3%	70.2%	30.3%	62.56%	92.86%	37.08%
Region 2	152	54	34	19.4%	67.5%	39.5%	75.06%	91.25%	55.81%
Region 3	690	174	118	18.4%	41.9%	25.9%	74.47%	93.49%	46.81%
Region 4	159	35	24	18.6%	36.5%	17.4%	63.16%	96.88%	32.61%
Region 5	469	124	84	16.9%	33.0%	15.2%	81.41%	93.35%	45.03%
Region 6	137	25	16	11.3%	30.1%	14.0%	83.36%	100.00%	46.49%
Region 7	122	41	33	18.4%	40.6%	19.4%	71.23%	84.16%	24.12%
Region 8	285	70	52	23.0%	39.5%	34.2%	56.95%	74.01%	54.61%
Region 9	233	59	45	34.9%	50.9%	42.1%	70.06%	95.69%	57.94%
Region 10	67	26	15	14.1%	56.5%	19.5%	63.58%	95.65%	41.56%

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, Menifee, 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	105,500	16.4%
Fayette	46,669	7.2%
Warren	22,907	3.6%
Kenton	20,654	3.2%
Boone	17,710	2.7%
Hardin	15,643	2.4%
Daviess	15,094	2.3%
Madison	13,557	2.1%
Laurel	11,998	1.9%
Campbell	10,949	1.7%
Bullitt	10,568	1.6%
Oldham	9,375	1.5%
Pike	9,281	1.4%
McCracken	9,166	1.4%
Pulaski	9,013	1.4%
Christian	8,962	1.4%
Henderson	7,266	1.1%
Nelson	7,252	1.1%
Boyd	7,237	1.1%
Whitley	7,017	1.1%
Hopkins	6,934	1.1%
Scott	6,925	1.1%
Jessamine	6,916	1.1%
Barren	6,856	1.1%
Graves	6,613	1.0%
Shelby	6,264	1.0%
Knox	6,136	1.0%
Franklin	6,082	0.9%
Floyd	6,049	0.9%
Greenup	5,423	0.8%

County	Cases	Percent
Bell	5,143	0.8%
Perry	5,051	0.8%
Muhlenberg	4,810	0.7%
Boyle	4,800	0.7%
Clay	4,748	0.7%
Calloway	4,739	0.7%
Marshall	4,568	0.7%
Taylor	4,548	0.7%
Logan	4,492	0.7%
Clark	4,432	0.7%
Harlan	4,360	0.7%
Montgomery	3,990	0.6%
Carter	3,974	0.6%
Mercer	3,831	0.6%
Grayson	3,803	0.6%
Ohio	3,733	0.6%
Lincoln	3,533	0.5%
Marion	3,462	0.5%
Grant	3,441	0.5%
Allen	3,311	0.5%
Johnson	3,270	0.5%
Letcher	3,134	0.5%
Hart	3,059	0.5%
Meade	2,980	0.5%
Woodford	2,962	0.5%
Rowan	2,937	0.5%
Russell	2,891	0.4%
Simpson	2,789	0.4%
McCreary	2,729	0.4%
Bourbon	2,697	0.4%

County	Cases	Percent
Morgan	2,680	0.4%
Adair	2,671	0.4%
Harrison	2,671	0.4%
Rockcastle	2,654	0.4%
Wayne	2,646	0.4%
Anderson	2,618	0.4%
Spencer	2,482	0.4%
Breckinridge	2,335	0.4%
Casey	2,305	0.4%
Garrard	2,299	0.4%
Union	2,262	0.4%
Mason	2,251	0.3%
Jackson	2,217	0.3%
Henry	2,189	0.3%
Larue	2,187	0.3%
Webster	2,186	0.3%
Lawrence	2,154	0.3%
Washington	2,119	0.3%
Powell	2,107	0.3%
Lewis	2,070	0.3%
Butler	2,060	0.3%
Monroe	1,965	0.3%
Knott	1,962	0.3%
Caldwell	1,907	0.3%
Green	1,845	0.3%
Estill	1,824	0.3%
Fleming	1,817	0.3%
Magoffin	1,794	0.3%
Lyon	1,792	0.3%
Leslie	1,770	0.3%

County	Cases	Percent
Clinton	1,729	0.3%
Breathitt	1,723	0.3%
Trigg	1,660	0.3%
Metcalfe	1,625	0.3%
Lee	1,614	0.3%
Martin	1,605	0.2%
Pendleton	1,604	0.2%
Carroll	1,603	0.2%
Todd	1,509	0.2%
Bath	1,376	0.2%
Edmonson	1,336	0.2%
McLean	1,268	0.2%
Hancock	1,256	0.2%
Elliott	1,226	0.2%
Owen	1,187	0.2%
Livingston	1,165	0.2%
Gallatin	1,069	0.2%
Trimble	1,051	0.2%
Wolfe	1,003	0.2%
Crittenden	944	0.1%
Cumberland	940	0.1%
Bracken	931	0.1%
Nicholas	887	0.1%
Owsley	800	0.1%
Menifee	735	0.1%
Fulton	666	0.1%
Ballard	587	0.1%
Carlisle	583	0.1%
Hickman	504	0.1%
Robertson	296	0.0%

Total Cases
644,563

New Cases by County

County	Cases	Percent
Jefferson	461	9.4%
Fayette	242	4.9%
Warren	201	4.1%
Madison	185	3.8%
Hardin	150	3.1%
Kenton	123	2.5%
Whitley	109	2.2%
Knox	108	2.2%
Christian	105	2.1%
Daviess	98	2.0%
Jessamine	96	2.0%
Boone	91	1.9%
Barren	86	1.8%
Campbell	81	1.7%
Laurel	74	1.5%
Harlan	73	1.5%
Floyd	72	1.5%
Bullitt	70	1.4%
Pike	63	1.3%
Scott	60	1.2%
Hopkins	59	1.2%
Rockcastle	58	1.2%
Pulaski	57	1.2%
McCracken	55	1.1%
Clark	53	1.1%
Graves	52	1.1%
Nelson	52	1.1%
Henderson	48	1.0%
Perry	48	1.0%
Boyd	47	1.0%

County	Cases	Percent
Boyle	47	1.0%
Montgomery	46	0.9%
Franklin	45	0.9%
Clay	44	0.9%
Muhlenberg	43	0.9%
Grant	41	0.8%
Greenup	41	0.8%
Powell	37	0.8%
McCreary	36	0.7%
Shelby	36	0.7%
Anderson	35	0.7%
Johnson	35	0.7%
Morgan	34	0.7%
Lincoln	33	0.7%
Marion	32	0.7%
Marshall	32	0.7%
Oldham	32	0.7%
Letcher	31	0.6%
Lewis	31	0.6%
Logan	31	0.6%
Taylor	31	0.6%
Trigg	31	0.6%
Grayson	30	0.6%
Harrison	30	0.6%
Hart	30	0.6%
Meade	30	0.6%
Simpson	29	0.6%
Mason	28	0.6%
Bell	27	0.6%
Carter	27	0.6%

County	Cases	Percent
Lawrence	26	0.5%
Ohio	26	0.5%
Butler	22	0.4%
Garrard	22	0.4%
Bourbon	20	0.4%
Mercer	20	0.4%
Allen	19	0.4%
Clinton	19	0.4%
Metcalfe	19	0.4%
Breckinridge	18	0.4%
Leslie	18	0.4%
Wayne	18	0.4%
Wolfe	18	0.4%
Caldwell	17	0.3%
Carroll	17	0.3%
Casey	17	0.3%
Crittenden	17	0.3%
Jackson	17	0.3%
Rowan	17	0.3%
Cumberland	16	0.3%
Knott	16	0.3%
Larue	16	0.3%
Monroe	16	0.3%
Edmonson	15	0.3%
Estill	15	0.3%
Owen	15	0.3%
Woodford	15	0.3%
Adair	14	0.3%
Pendleton	14	0.3%
Russell	14	0.3%

County	Cases	Percent
Webster	14	0.3%
Breathitt	13	0.3%
Green	13	0.3%
Henry	13	0.3%
Livingston	13	0.3%
Martin	13	0.3%
Calloway	12	0.2%
Elliott	12	0.2%
Hancock	12	0.2%
Magoffin	11	0.2%
Washington	10	0.2%
Bracken	9	0.2%
Gallatin	9	0.2%
McLean	9	0.2%
Menifee	9	0.2%
Union	8	0.2%
Bath	7	0.1%
Fleming	7	0.1%
Todd	7	0.1%
Nicholas	6	0.1%
Trimble	6	0.1%
Carlisle	5	0.1%
Lee	5	0.1%
Spencer	5	0.1%
Fulton	4	0.1%
Lyon	4	0.1%
Hickman	3	0.1%
Owsley	3	0.1%
Robertson	3	0.1%
Ballard	1	0.0%

Total New Cases
4,891

Total Deaths by County

County	Deaths	Percent
Jefferson	1,451	17.7%
Fayette	347	4.2%
Kenton	228	2.8%
Daviess	227	2.8%
Warren	216	2.6%
Hardin	206	2.5%
Hopkins	175	2.1%
Boone	169	2.1%
McCracken	154	1.9%
Pulaski	145	1.8%
Pike	138	1.7%
Madison	124	1.5%
Barren	116	1.4%
Christian	115	1.4%
Graves	113	1.4%
Harlan	101	1.2%
Bullitt	99	1.2%
Shelby	93	1.1%
Henderson	88	1.1%
Oldham	88	1.1%
Boyd	87	1.1%
Floyd	87	1.1%
Laurel	87	1.1%
Campbell	85	1.0%
Jessamine	82	1.0%
Muhlenberg	81	1.0%
Boyle	80	1.0%
Logan	77	0.9%
Perry	76	0.9%
Marshall	74	0.9%

County	Deaths	Percent
Bell	72	0.9%
Nelson	71	0.9%
Lincoln	70	0.9%
Grayson	68	0.8%
Greenup	68	0.8%
Whitley	67	0.8%
Franklin	66	0.8%
Taylor	64	0.8%
Ohio	63	0.8%
Adair	61	0.7%
Mercer	59	0.7%
Allen	58	0.7%
Hart	58	0.7%
Calloway	56	0.7%
Letcher	54	0.7%
Wayne	53	0.6%
Clay	52	0.6%
Russell	51	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Lewis	48	0.6%
Carter	47	0.6%
Simpson	47	0.6%
Casey	46	0.6%
Mason	46	0.6%
Jackson	42	0.5%
Washington	42	0.5%
Caldwell	40	0.5%
Johnson	40	0.5%
Marion	40	0.5%

County	Deaths	Percent
Garrard	39	0.5%
Scott	38	0.5%
McCreary	37	0.5%
Montgomery	37	0.5%
Metcalfe	36	0.4%
Gallatin	35	0.4%
Lawrence	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Livingston	32	0.4%
McLean	32	0.4%
Anderson	31	0.4%
Crittenden	30	0.4%
Larue	30	0.4%
Meade	30	0.4%
Butler	29	0.4%
Harrison	29	0.4%
Knott	29	0.4%
Lee	29	0.4%
Webster	29	0.4%
Todd	28	0.3%
Spencer	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Grant	26	0.3%
Martin	25	0.3%
Rockcastle	25	0.3%
Woodford	25	0.3%
Bath	24	0.3%
Lyon	24	0.3%

County	Deaths	Percent
Henry	23	0.3%
Bourbon	22	0.3%
Rowan	22	0.3%
Carroll	21	0.3%
Union	21	0.3%
Breckinridge	20	0.2%
Green	19	0.2%
Trigg	19	0.2%
Magoffin	18	0.2%
Hickman	17	0.2%
Menifee	17	0.2%
Ballard	16	0.2%
Breathitt	16	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owen	16	0.2%
Owsley	16	0.2%
Powell	15	0.2%
Robertson	15	0.2%
Cumberland	13	0.2%
Estill	12	0.1%
Leslie	11	0.1%
Pendleton	11	0.1%
Carlisle	10	0.1%
Nicholas	10	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	5	0.1%
Elliott	2	0.0%

Total Deaths
8,206

Incidence Rates by County

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

County	Rate
Rockcastle	208.8
Powell	204.6
Whitley	204.5
Monroe	202.5
Knox	192.2
Wolfe	183.6
Perry	173.6
Harlan	161.5
Leslie	157.7
Floyd	154.1
Martin	149.3
Bell	145.4
Jackson	138.3
Marion	137.1
Owsley	135.9
Madison	135.5
Magoffin	133.9
Greenup	133.5
Breathitt	133.5
Garrard	127.0
Metcalfe	124.8
Laurel	124.0
Barren	123.7
Allen	123.3
Bourbon	122.7
Grayson	121.6
Letcher	121.3
Johnson	121.0
Ohio	120.9
Jessamine	118.8

County	Rate
Edmonson	118.8
Clay	117.7
Harrison	117.2
Carroll	116.9
Boyd	114.7
Warren	114.3
Lee	113.9
Hardin	113.8
Logan	112.3
Estill	109.4
Pike	108.9
Graves	108.5
Knott	107.1
Mercer	106.8
Webster	106.0
Hart	105.8
Larue	105.2
McCreary	102.8
Carter	101.8
Hancock	101.5
Gallatin	101.5
Russell	101.2
Simpson	99.2
Muhlenberg	96.6
Nelson	96.1
Boyle	95.5
Lewis	94.7
Green	92.7
Butler	92.1
Bullitt	90.3

County	Rate
Nicholas	88.4
Pendleton	88.1
Lincoln	87.9
Bracken	87.7
Henderson	85.0
Henry	84.2
Washington	83.9
Lawrence	83.0
McLean	82.2
Franklin	81.8
Robertson	81.3
Taylor	78.7
Meade	74.5
Christian	74.4
Daviess	73.6
Owen	73.4
Clark	72.1
Hopkins	71.9
Fayette	71.3
Mason	71.1
Grant	70.7
Marshall	68.9
Union	67.5
Morgan	65.5
Hickman	65.2
Casey	64.5
Pulaski	62.9
Breckinridge	62.8
Jefferson	60.2
Scott	59.1

County	Rate
Montgomery	58.3
Cumberland	58.3
Fulton	57.4
Trimble	57.3
Spencer	56.8
Calloway	56.4
Campbell	55.3
Kenton	54.9
Caldwell	54.9
Adair	54.3
Shelby	53.6
Wayne	52.0
Fleming	51.9
McCracken	50.9
Oldham	47.5
Boone	47.1
Bath	44.6
Livingston	43.5
Trigg	42.9
Crittenden	42.2
Todd	41.8
Elliott	39.9
Woodford	39.5
Rowan	37.4
Anderson	35.8
Lyon	34.8
Menifee	30.8
Carlisle	30.0
Ballard	29.0
Clinton	12.6

Current Overall Incidence Rate
84.69 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.