

KY COVID-19 Report 16DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	230,693	187,697	42,996
Deaths	2,262	2,133	129
New Cases	2,898	1,812	1,086
New Cases 18 and Under	317	182	135
New Deaths	23	21	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,006	3.9%	0-9	0.0%	1
23,948	10.4%	10-19	0.0%	1
42,934	18.6%	20-29	0.0%	1
34,792	15.1%	30-39	0.8%	17
34,143	14.8%	40-49	1.7%	39
32,867	14.2%	50-59	5.7%	130
25,693	11.1%	60-69	16.4%	371
16,034	7.0%	70-79	26.3%	595
11,146	4.8%	80+	48.9%	1,107
130	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
463	0.3%	American Indian	0.0%	1
2,208	1.3%	Asian	0.8%	17
16,488	9.5%	Black	10.1%	212
166	0.1%	Pacific Islander	0.0%	1
145,365	83.8%	White	86.4%	1,806
8,845	5.1%	Multiracial	2.5%	53
Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	6.1%	Hispanic	2.5%	50
153,371	93.9%	Non-Hispanic	97.5%	1,953

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 75.2% of cases and 92.4% of deaths
Ethnicity known for 70.8% of cases and 92.4% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	30,064	13.0%
Deaths	1,635	72.3%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,206	119,150	8.57%

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
3,175,868	2,940,097	98,848	136,923	186,041	166,226	6,111	13,704

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	11,726	5.08%
Ever ICU	2,759	1.20%
Recovered	32,402	14.05%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,793
ICU	460
On Ventilator	239

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,602	4,376	66.3%
ICU Beds	1,173	517	69.4%
Ventilators	602	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	101	30	15	14.3%	29.4%	15.5%	66.10%	70.59%	30.93%
Region 2	125	25	11	15.4%	27.2%	13.4%	54.49%	67.39%	28.05%
Region 3	559	147	76	14.6%	30.7%	17.4%	64.50%	68.06%	34.32%
Region 4	102	27	18	12.5%	27.6%	16.5%	60.20%	82.65%	28.44%
Region 5	336	96	44	12.3%	24.5%	8.5%	74.83%	71.68%	37.38%
Region 6	177	40	20	14.1%	22.9%	18.0%	75.36%	52.57%	58.56%
Region 7	98	15	10	15.6%	23.4%	8.3%	79.43%	64.06%	14.05%
Region 8	169	42	27	14.1%	30.9%	18.8%	57.56%	82.35%	39.58%
Region 9	79	18	9	12.5%	17.0%	9.7%	56.74%	59.43%	22.58%
Region 10	47	20	9	12.1%	43.5%	15.3%	53.49%	93.48%	23.73%

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, Franklin, Garrard, Harrison, Jessamine, Lincoln, 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	45,622	19.8%
Fayette	21,160	9.2%
Warren	8,825	3.8%
Kenton	7,220	3.1%
Boone	6,366	2.8%
Hardin	5,296	2.3%
Madison	5,125	2.2%
Daviess	4,824	2.1%
McCracken	3,833	1.7%
Campbell	3,778	1.6%
Bullitt	3,699	1.6%
Christian	3,617	1.6%
Oldham	3,204	1.4%
Laurel	3,099	1.3%
Pulaski	2,835	1.2%
Shelby	2,652	1.1%
Boyd	2,642	1.1%
Nelson	2,565	1.1%
Henderson	2,538	1.1%
Pike	2,369	1.0%
Jessamine	2,345	1.0%
Barren	2,334	1.0%
Hopkins	2,306	1.0%
Graves	2,270	1.0%
Whitley	2,216	1.0%
Scott	2,200	1.0%
Calloway	2,091	0.9%
Greenup	1,919	0.8%
Franklin	1,872	0.8%
Boyle	1,691	0.7%

County	Cases	Percent
Muhlenberg	1,681	0.7%
Floyd	1,583	0.7%
Bell	1,551	0.7%
Knox	1,534	0.7%
Logan	1,484	0.6%
Taylor	1,456	0.6%
Perry	1,380	0.6%
Marion	1,371	0.6%
Ohio	1,316	0.6%
Harlan	1,312	0.6%
Clay	1,288	0.6%
Clark	1,252	0.5%
Marshall	1,242	0.5%
Montgomery	1,213	0.5%
Lincoln	1,169	0.5%
Grayson	1,139	0.5%
Hart	1,139	0.5%
Woodford	1,098	0.5%
Carter	1,073	0.5%
Adair	1,066	0.5%
Rowan	1,033	0.4%
Grant	1,016	0.4%
Simpson	1,012	0.4%
Mercer	1,009	0.4%
Johnson	1,007	0.4%
Lee	1,002	0.4%
Meade	951	0.4%
Allen	943	0.4%
Russell	879	0.4%
Spencer	876	0.4%

County	Cases	Percent
Wayne	876	0.4%
Monroe	852	0.4%
Union	847	0.4%
Caldwell	826	0.4%
Garrard	826	0.4%
Washington	775	0.3%
Mason	773	0.3%
McCreary	763	0.3%
Jackson	759	0.3%
Letcher	755	0.3%
Anderson	746	0.3%
Elliott	739	0.3%
Bourbon	732	0.3%
Rockcastle	731	0.3%
Larue	717	0.3%
Casey	704	0.3%
Butler	700	0.3%
Henry	689	0.3%
Magoffin	669	0.3%
Knott	662	0.3%
Lewis	658	0.3%
Webster	658	0.3%
Green	645	0.3%
Harrison	622	0.3%
Clinton	616	0.3%
Powell	609	0.3%
Estill	580	0.3%
Lawrence	576	0.2%
Martin	569	0.2%
Todd	562	0.2%

County	Cases	Percent
Breckinridge	553	0.2%
Fleming	552	0.2%
Metcalf	541	0.2%
Trigg	535	0.2%
Pendleton	531	0.2%
Edmonson	489	0.2%
McLean	489	0.2%
Breathitt	488	0.2%
Carroll	461	0.2%
Morgan	441	0.2%
Livingston	424	0.2%
Gallatin	399	0.2%
Bath	393	0.2%
Leslie	390	0.2%
Hancock	371	0.2%
Cumberland	336	0.1%
Fulton	332	0.1%
Trimble	332	0.1%
Owen	327	0.1%
Crittenden	311	0.1%
Owsley	265	0.1%
Carlisle	261	0.1%
Wolfe	261	0.1%
Lyon	260	0.1%
Bracken	234	0.1%
Nicholas	212	0.1%
Hickman	211	0.1%
Ballard	202	0.1%
Menifee	153	0.1%
Robertson	114	0.0%

Total Cases
230,693

New Cases by County

County	Cases	Percent
Jefferson	352	12.1%
Fayette	181	6.2%
Madison	114	3.9%
Daviess	110	3.8%
Pulaski	103	3.6%
Warren	87	3.0%
Kenton	81	2.8%
Boone	70	2.4%
Pike	69	2.4%
Wayne	67	2.3%
Oldham	60	2.1%
Hardin	58	2.0%
Bullitt	57	2.0%
Christian	53	1.8%
Lincoln	49	1.7%
Taylor	47	1.6%
Laurel	45	1.6%
Whitley	45	1.6%
Campbell	42	1.4%
Hopkins	41	1.4%
McCreary	37	1.3%
McCracken	34	1.2%
Boyle	32	1.1%
Harlan	30	1.0%
Clay	28	1.0%
Scott	27	0.9%
Muhlenberg	26	0.9%
Franklin	25	0.9%
Carter	24	0.8%
Adair	23	0.8%

County	Cases	Percent
Jessamine	23	0.8%
Mason	23	0.8%
Mercer	23	0.8%
Barren	22	0.8%
Boyd	21	0.7%
Knox	21	0.7%
Russell	21	0.7%
Clinton	20	0.7%
Greenup	20	0.7%
Marshall	20	0.7%
Allen	19	0.7%
Graves	19	0.7%
Nelson	18	0.6%
Woodford	17	0.6%
Clark	16	0.6%
Logan	16	0.6%
Metcalfe	16	0.6%
Rockcastle	16	0.6%
Shelby	16	0.6%
Bourbon	15	0.5%
Casey	14	0.5%
Garrard	14	0.5%
Jackson	14	0.5%
Washington	14	0.5%
Breckinridge	13	0.4%
Floyd	13	0.4%
Larue	13	0.4%
Letcher	13	0.4%
Morgan	13	0.4%
Perry	13	0.4%

County	Cases	Percent
Bell	12	0.4%
Butler	12	0.4%
Calloway	12	0.4%
Hart	12	0.4%
Lawrence	12	0.4%
Lewis	12	0.4%
Simpson	12	0.4%
Anderson	11	0.4%
Fleming	11	0.4%
Gallatin	11	0.4%
Green	11	0.4%
Henderson	11	0.4%
Martin	11	0.4%
Estill	10	0.3%
Grant	9	0.3%
Grayson	9	0.3%
Trimble	9	0.3%
Henry	8	0.3%
Johnson	8	0.3%
Marion	8	0.3%
Montgomery	8	0.3%
Bracken	7	0.2%
Harrison	7	0.2%
Powell	7	0.2%
Union	7	0.2%
Cumberland	6	0.2%
Livingston	6	0.2%
McLean	6	0.2%
Owen	6	0.2%
Pendleton	6	0.2%

County	Cases	Percent
Spencer	6	0.2%
Webster	6	0.2%
Breathitt	5	0.2%
Caldwell	5	0.2%
Leslie	5	0.2%
Meade	5	0.2%
Ohio	5	0.2%
Todd	5	0.2%
Trigg	5	0.2%
Carroll	4	0.1%
Knott	4	0.1%
Lee	4	0.1%
Carlisle	3	0.1%
Edmonson	3	0.1%
Hickman	3	0.1%
Lyon	3	0.1%
Magoffin	3	0.1%
Wolfe	3	0.1%
Elliott	2	0.1%
Hancock	2	0.1%
Menifee	2	0.1%
Monroe	2	0.1%
Crittenden	1	0.0%
Fulton	1	0.0%
Nicholas	1	0.0%
Ballard	0	0.0%
Bath	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Rowan	0	0.0%

Total New Cases
2,898

Total Deaths by County

County	Deaths	Percent
Jefferson	490	21.7%
Fayette	130	5.7%
Warren	83	3.7%
Kenton	63	2.8%
Daviess	60	2.7%
Hopkins	60	2.7%
Christian	44	1.9%
Oldham	44	1.9%
Graves	41	1.8%
Henderson	39	1.7%
Jessamine	39	1.7%
Hardin	37	1.6%
Adair	36	1.6%
Logan	36	1.6%
Barren	35	1.5%
Boone	35	1.5%
McCracken	34	1.5%
Pike	30	1.3%
Boyd	29	1.3%
Shelby	27	1.2%
Bullitt	25	1.1%
Grayson	25	1.1%
Bell	22	1.0%
Campbell	22	1.0%
Lewis	22	1.0%
Muhlenberg	22	1.0%
Ohio	22	1.0%
Pulaski	22	1.0%
Scott	22	1.0%
Casey	20	0.9%

County	Deaths	Percent
Lincoln	20	0.9%
McLean	19	0.8%
Madison	19	0.8%
Calloway	18	0.8%
Jackson	18	0.8%
Marshall	18	0.8%
Monroe	18	0.8%
Franklin	17	0.8%
Greenup	17	0.8%
Lee	17	0.8%
Butler	16	0.7%
Harlan	16	0.7%
Marion	16	0.7%
Allen	15	0.7%
Nelson	15	0.7%
Todd	14	0.6%
Caldwell	13	0.6%
Clark	13	0.6%
Edmonson	13	0.6%
Russell	13	0.6%
Laurel	12	0.5%
Montgomery	12	0.5%
Johnson	11	0.5%
Perry	11	0.5%
Clinton	10	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Taylor	10	0.4%
Floyd	9	0.4%

County	Deaths	Percent
Gallatin	9	0.4%
Hancock	9	0.4%
Knott	9	0.4%
Simpson	9	0.4%
Webster	9	0.4%
Whitley	9	0.4%
Clay	8	0.4%
Mason	8	0.4%
Metcalfe	7	0.3%
Rockcastle	7	0.3%
Union	7	0.3%
Washington	7	0.3%
Carroll	6	0.3%
Grant	6	0.3%
Mercer	6	0.3%
Carter	5	0.2%
Hart	5	0.2%
Lyon	5	0.2%
Wayne	5	0.2%
Breckinridge	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%
Lawrence	4	0.2%
Livingston	4	0.2%
Meade	4	0.2%
Owsley	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Henry	3	0.1%

County	Deaths	Percent
Hickman	3	0.1%
Nicholas	3	0.1%
Owen	3	0.1%
Robertson	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Cumberland	2	0.1%
Letcher	2	0.1%
Rowan	2	0.1%
Spencer	2	0.1%
Trigg	2	0.1%
Anderson	1	0.0%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Fleming	1	0.0%
Harrison	1	0.0%
Larue	1	0.0%
Leslie	1	0.0%
McCreary	1	0.0%
Magoffin	1	0.0%
Menifee	1	0.0%
Pendleton	1	0.0%
Wolfe	1	0.0%
Woodford	1	0.0%
Boyle	0	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%
Trimble	0	0.0%

Total Deaths
2,262

Incidence Rates by County

County	Rate
McCreary	186.5
Boyle	165.4
Russell	147.5
Wayne	146.1
Clinton	138.4
Trimble	138.3
Adair	136.9
Pulaski	132.1
Harlan	129.6
Whitley	106.8
Elliott	104.5
Taylor	99.2
Boyd	96.9
Fleming	91.1
Mercer	90.5
Mason	90.4
Gallatin	88.6
Cumberland	88.6
Green	87.5
Spencer	84.9
Wolfe	83.8
Simpson	82.3
Casey	82.2
Washington	81.5
Carlisle	78.0
Metcalfe	78.0
Carter	77.8
Todd	75.5
Lincoln	75.1
Magoffin	74.0

County	Rate
Perry	72.7
Letcher	70.9
Madison	70.8
Marion	70.4
Greenup	70.0
Daviess	69.9
Monroe	69.8
Knox	68.3
Clay	67.5
Carroll	67.2
Rockcastle	66.7
Caldwell	66.1
Allen	65.7
Fayette	63.7
McLean	63.6
Hart	63.0
Hopkins	63.0
Laurel	62.7
Bell	62.0
Logan	61.1
Henry	61.1
Floyd	61.0
Robertson	61.0
Grant	61.0
Anderson	60.9
Garrard	60.6
Boone	60.4
McCracken	60.3
Martin	60.0
Warren	59.8

County	Rate
Lawrence	57.8
Union	57.6
Hardin	57.3
Muhlenberg	56.9
Bourbon	56.3
Livingston	55.9
Pike	55.5
Ohio	55.4
Jefferson	55.0
Graves	54.1
Jackson	53.6
Butler	53.2
Kenton	52.6
Owen	52.4
Meade	51.5
Jessamine	50.9
Bullitt	49.8
Trigg	48.8
Breathitt	48.6
Woodford	48.6
Estill	48.6
Christian	48.5
Leslie	47.7
Harrison	47.7
Henderson	46.8
Larue	46.6
Campbell	46.6
Powell	46.2
Nelson	45.7
Shelby	44.9

County	Rate
Johnson	44.4
Franklin	44.0
Breckinridge	44.0
Montgomery	43.1
Scott	43.1
Pendleton	43.1
Calloway	42.1
Oldham	41.9
Lyon	41.8
Bracken	41.3
Rowan	40.9
Crittenden	40.6
Knott	40.5
Marshall	40.4
Grayson	39.5
Clark	39.0
Morgan	36.5
Edmonson	36.4
Webster	36.4
Hickman	35.9
Lee	32.8
Hancock	32.8
Barren	31.6
Nicholas	31.4
Ballard	27.2
Lewis	24.8
Owsley	22.7
Bath	21.7
Fulton	21.5
Menifee	19.8

Current KY Incidence Rate
61.71 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. The population estimates used for the rate are the 2019 estimates from the US Census Bureau.