

KY COVID-19 Report 20FEB22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,263,391	872,544	390,847
Deaths	13,626	11,908	1,718
New Cases	1,422	992	430
New Cases 18 and Under	319	199	120
Total New Deaths	29	24	5

Duplicates and records not meeting case criteria removed since last report: 12

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
105,690	8.4%	0-9	0.0%	2
176,726	14.0%	10-19	0.1%	10
215,704	17.1%	20-29	0.4%	60
200,712	15.9%	30-39	1.4%	190
181,172	14.3%	40-49	3.9%	531
163,160	12.9%	50-59	10.0%	1,361
118,337	9.4%	60-69	20.4%	2,786
66,093	5.2%	70-79	27.1%	3,693
35,541	2.8%	80+	36.6%	4,993
256	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,432	0.4%	American Indian	0.1%	17
10,140	1.0%	Asian	0.5%	59
82,947	7.9%	Black	6.9%	904
418	0.0%	Pacific Islander	0.1%	9
902,845	85.8%	White	89.6%	11,689
51,181	4.9%	Multiracial	2.8%	364

Cases	Case Percent	Ethnicity	Death Percent	Deaths
44,159	4.5%	Hispanic	1.6%	197
935,646	95.5%	Non-Hispanic	98.4%	12,510

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.3% of cases and 95.7% of deaths
Ethnicity known for 77.6% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,249	85,897	13.10%

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
13,377,333	9,458,213	413,766	3,190,323	1,519,426	1,031,095	57,106	431,225

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	39,292	3.11%
Ever ICU	7,241	0.57%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,361
ICU	278
On Ventilator	146

Current Overall Capacity *

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,265	5,778	55.7%
ICU Beds	1,159	244	82.6%
Ventilators	555	1,306	29.8%

* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

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	66	16	8	8.7%	21.9%	8.3%	52.29%	91.78%	21.88%
Region 2	76	14	8	9.7%	16.5%	9.2%	57.81%	84.71%	26.44%
Region 3	400	81	41	10.8%	21.6%	9.1%	61.07%	78.40%	35.84%
Region 4	63	12	10	7.6%	14.8%	8.1%	54.42%	95.06%	18.70%
Region 5	275	64	36	9.8%	17.6%	6.3%	55.37%	87.05%	34.39%
Region 6	85	7	5	7.2%	10.4%	7.6%	55.50%	100.00%	30.30%
Region 7	75	14	5	11.5%	16.1%	3.9%	57.08%	42.53%	13.95%
Region 8	172	40	23	14.6%	33.1%	13.6%	47.04%	85.95%	33.73%
Region 9	122	21	8	18.8%	21.6%	7.8%	54.70%	82.47%	18.63%
Region 10	27	9	2	5.6%	16.7%	2.9%	41.61%	83.33%	24.29%

* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

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	218,213	17.3%
Fayette	91,915	7.3%
Warren	42,299	3.3%
Kenton	40,324	3.2%
Boone	35,722	2.8%
Hardin	31,986	2.5%
Daviess	30,566	2.4%
Madison	27,080	2.1%
Campbell	22,024	1.7%
Bullitt	20,749	1.6%
Laurel	17,905	1.4%
Oldham	17,802	1.4%
McCracken	17,594	1.4%
Pike	17,194	1.4%
Boyd	15,703	1.2%
Christian	15,475	1.2%
Scott	15,453	1.2%
Pulaski	15,373	1.2%
Jessamine	14,788	1.2%
Hopkins	14,394	1.1%
Nelson	14,176	1.1%
Whitley	13,584	1.1%
Henderson	13,493	1.1%
Shelby	12,979	1.0%
Franklin	12,891	1.0%
Barren	12,515	1.0%
Floyd	11,980	0.9%
Greenup	11,654	0.9%
Graves	11,276	0.9%
Knox	11,140	0.9%

County	Cases	Percent
Perry	9,984	0.8%
Muhlenberg	9,983	0.8%
Clark	9,634	0.8%
Harlan	8,883	0.7%
Bell	8,681	0.7%
Taylor	8,529	0.7%
Carter	8,279	0.7%
Marshall	8,248	0.7%
Boyle	8,233	0.7%
Logan	8,230	0.7%
Grayson	7,905	0.6%
Calloway	7,862	0.6%
Clay	7,590	0.6%
Ohio	7,222	0.6%
Mercer	7,195	0.6%
Woodford	6,599	0.5%
Grant	6,598	0.5%
Letcher	6,558	0.5%
Allen	6,475	0.5%
Montgomery	6,427	0.5%
Marion	6,288	0.5%
Rowan	6,244	0.5%
Lincoln	6,086	0.5%
Anderson	6,037	0.5%
Harrison	6,025	0.5%
Russell	6,023	0.5%
Bourbon	5,816	0.5%
Johnson	5,748	0.5%
Meade	5,694	0.5%
Simpson	5,558	0.4%

County	Cases	Percent
Adair	5,321	0.4%
Hart	5,300	0.4%
Spencer	5,210	0.4%
Breckinridge	4,933	0.4%
McCreary	4,916	0.4%
Rockcastle	4,912	0.4%
Wayne	4,856	0.4%
Henry	4,705	0.4%
Garrard	4,653	0.4%
Powell	4,623	0.4%
Mason	4,481	0.4%
Morgan	4,402	0.3%
Lewis	4,352	0.3%
Lawrence	4,335	0.3%
Union	4,220	0.3%
Jackson	4,115	0.3%
Estill	3,985	0.3%
Caldwell	3,892	0.3%
Knott	3,869	0.3%
Casey	3,851	0.3%
Webster	3,827	0.3%
Washington	3,798	0.3%
Butler	3,724	0.3%
Magoffin	3,687	0.3%
Larue	3,663	0.3%
Fleming	3,575	0.3%
Monroe	3,559	0.3%
Leslie	3,470	0.3%
Green	3,436	0.3%
Trigg	3,430	0.3%

County	Cases	Percent
Carroll	3,403	0.3%
Breathitt	3,394	0.3%
Pendleton	3,383	0.3%
Clinton	3,292	0.3%
Martin	3,118	0.2%
Todd	2,854	0.2%
Metcalfe	2,774	0.2%
Lee	2,762	0.2%
Lyon	2,746	0.2%
Bath	2,739	0.2%
McLean	2,587	0.2%
Edmonson	2,501	0.2%
Hancock	2,420	0.2%
Owen	2,329	0.2%
Livingston	2,253	0.2%
Wolfe	2,251	0.2%
Gallatin	2,151	0.2%
Elliott	2,147	0.2%
Trimble	2,122	0.2%
Cumberland	2,101	0.2%
Bracken	2,078	0.2%
Crittenden	1,985	0.2%
Nicholas	1,835	0.1%
Owsley	1,495	0.1%
Menifee	1,388	0.1%
Ballard	1,237	0.1%
Fulton	1,141	0.1%
Carlisle	949	0.1%
Hickman	811	0.1%
Robertson	602	0.0%

Total Cases
1,263,391

New Cases by County

County	Cases	Percent
Jefferson	222	15.6%
Fayette	59	4.1%
Floyd	45	3.2%
Grayson	41	2.9%
Laurel	40	2.8%
Campbell	37	2.6%
Carter	36	2.5%
Henderson	36	2.5%
Daviess	31	2.2%
Boone	30	2.1%
Perry	30	2.1%
Kenton	29	2.0%
Hardin	26	1.8%
Pike	25	1.8%
McCracken	24	1.7%
Franklin	22	1.5%
Oldham	22	1.5%
Barren	20	1.4%
Madison	20	1.4%
Letcher	19	1.3%
Whitley	19	1.3%
Clay	18	1.3%
Pulaski	18	1.3%
Lawrence	17	1.2%
Warren	16	1.1%
Knott	15	1.1%
Mercer	15	1.1%
Bell	14	1.0%
Bullitt	14	1.0%
Christian	14	1.0%

County	Cases	Percent
Harlan	14	1.0%
Leslie	14	1.0%
Nelson	14	1.0%
Boyle	13	0.9%
Greenup	13	0.9%
Ohio	13	0.9%
Wolfe	12	0.8%
Casey	11	0.8%
Scott	11	0.8%
Clark	10	0.7%
Graves	10	0.7%
Jessamine	10	0.7%
McCreary	10	0.7%
Adair	9	0.6%
Knox	9	0.6%
Lincoln	9	0.6%
Rowan	9	0.6%
Russell	9	0.6%
Jackson	8	0.6%
Meade	8	0.6%
Taylor	8	0.6%
Breathitt	7	0.5%
Breckinridge	7	0.5%
Lee	7	0.5%
Montgomery	7	0.5%
Shelby	7	0.5%
Bourbon	6	0.4%
Clinton	6	0.4%
Fleming	6	0.4%
Garrard	6	0.4%

County	Cases	Percent
Grant	6	0.4%
Hopkins	6	0.4%
Larue	6	0.4%
Logan	6	0.4%
Magoffin	6	0.4%
Martin	6	0.4%
Rockcastle	6	0.4%
Washington	6	0.4%
Wayne	6	0.4%
Woodford	6	0.4%
Bath	5	0.4%
Boyd	5	0.4%
Elliott	5	0.4%
Harrison	5	0.4%
Johnson	5	0.4%
Allen	4	0.3%
Green	4	0.3%
Lyon	4	0.3%
Monroe	4	0.3%
Powell	4	0.3%
Spencer	4	0.3%
Calloway	3	0.2%
Hancock	3	0.2%
Henry	3	0.2%
Lewis	3	0.2%
Marion	3	0.2%
Morgan	3	0.2%
Simpson	3	0.2%
Bracken	2	0.1%
Butler	2	0.1%

County	Cases	Percent
Cumberland	2	0.1%
Fulton	2	0.1%
Marshall	2	0.1%
Mason	2	0.1%
Muhlenberg	2	0.1%
Nicholas	2	0.1%
Owsley	2	0.1%
Union	2	0.1%
Webster	2	0.1%
Anderson	1	0.1%
Ballard	1	0.1%
Carroll	1	0.1%
Crittenden	1	0.1%
Gallatin	1	0.1%
Hart	1	0.1%
McLean	1	0.1%
Menifee	1	0.1%
Metcalf	1	0.1%
Pendleton	1	0.1%
Robertson	1	0.1%
Todd	1	0.1%
Trimble	1	0.1%
Caldwell	0	0.0%
Carlisle	0	0.0%
Edmonson	0	0.0%
Estill	0	0.0%
Hickman	0	0.0%
Livingston	0	0.0%
Owen	0	0.0%
Trigg	0	0.0%

Total New Cases
1,422

Total Deaths by County

County	Deaths	Percent
Jefferson	2,011	14.8%
Fayette	547	4.0%
Hardin	397	2.9%
Kenton	366	2.7%
Daviess	354	2.6%
Warren	331	2.4%
Boone	260	1.9%
Pulaski	252	1.8%
Madison	247	1.8%
Pike	243	1.8%
Hopkins	239	1.8%
McCracken	218	1.6%
Barren	201	1.5%
Laurel	199	1.5%
Christian	192	1.4%
Bullitt	185	1.4%
Harlan	176	1.3%
Boyd	159	1.2%
Floyd	157	1.2%
Whitley	156	1.1%
Graves	154	1.1%
Campbell	149	1.1%
Henderson	145	1.1%
Perry	144	1.1%
Shelby	144	1.1%
Nelson	134	1.0%
Franklin	132	1.0%
Bell	128	0.9%
Jessamine	128	0.9%
Oldham	125	0.9%

County	Deaths	Percent
Knox	123	0.9%
Greenup	122	0.9%
Boyle	121	0.9%
Lincoln	118	0.9%
Grayson	117	0.9%
Muhlenberg	114	0.8%
Logan	112	0.8%
Taylor	111	0.8%
Mercer	99	0.7%
Adair	98	0.7%
Carter	96	0.7%
Mason	95	0.7%
Ohio	95	0.7%
Marshall	93	0.7%
Allen	92	0.7%
Hart	92	0.7%
Scott	91	0.7%
Letcher	90	0.7%
Johnson	87	0.6%
Montgomery	87	0.6%
Wayne	86	0.6%
Simpson	82	0.6%
Calloway	81	0.6%
Lewis	78	0.6%
Clay	77	0.6%
Russell	77	0.6%
Marion	74	0.5%
McCreary	73	0.5%
Monroe	72	0.5%
Jackson	71	0.5%

County	Deaths	Percent
Garrard	69	0.5%
Larue	67	0.5%
Breckinridge	66	0.5%
Casey	66	0.5%
Meade	64	0.5%
Harrison	62	0.5%
Anderson	61	0.4%
Lawrence	59	0.4%
Caldwell	58	0.4%
Metcalfe	58	0.4%
Livingston	57	0.4%
Knott	55	0.4%
Washington	55	0.4%
Union	54	0.4%
Rowan	52	0.4%
Clark	51	0.4%
Rockcastle	51	0.4%
Breathitt	50	0.4%
Butler	49	0.4%
Grant	49	0.4%
Spencer	49	0.4%
Bourbon	48	0.4%
Lee	46	0.3%
McLean	46	0.3%
Webster	46	0.3%
Gallatin	45	0.3%
Henry	45	0.3%
Fleming	44	0.3%
Martin	44	0.3%
Woodford	44	0.3%

County	Deaths	Percent
Clinton	42	0.3%
Crittenden	42	0.3%
Todd	42	0.3%
Estill	41	0.3%
Trigg	41	0.3%
Carroll	40	0.3%
Leslie	39	0.3%
Magoffin	39	0.3%
Edmonson	38	0.3%
Bath	37	0.3%
Green	37	0.3%
Trimble	35	0.3%
Lyon	33	0.2%
Pendleton	33	0.2%
Powell	33	0.2%
Owen	32	0.2%
Menifee	30	0.2%
Nicholas	30	0.2%
Ballard	27	0.2%
Cumberland	27	0.2%
Bracken	23	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Robertson	21	0.2%
Hancock	20	0.1%
Carlisle	18	0.1%
Wolfe	18	0.1%
Morgan	17	0.1%
Elliott	16	0.1%

Total Deaths
13,626

Incidence Rates by County

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

County	Rate
Perry	207.4
Leslie	176.5
Lee	158.2
Floyd	128.5
Breathitt	127.8
Carter	125.3
Wolfe	121.8
Letcher	118.0
Owsley	116.5
Powell	115.6
Menifee	110.1
Whitley	107.5
Lawrence	103.5
Knott	103.2
Jefferson	100.1
Clay	99.1
Jackson	97.5
Martin	97.0
Montgomery	93.4
Knox	92.2
McCreary	90.4
Magoffin	85.8
Bath	85.7
Harlan	84.6
Russell	84.5
Casey	82.2
Estill	82.0
Bell	80.7
Greenup	79.8
Adair	79.6

County	Rate
Rowan	77.7
Rockcastle	77.0
Boyd	75.5
Wayne	75.2
Taylor	68.2
Green	66.6
Washington	65.0
Fleming	64.7
Laurel	64.4
Pulaski	64.2
Mercer	63.8
Lewis	61.3
Robertson	61.0
Clark	59.9
Morgan	58.0
Clinton	57.3
Pike	56.3
Metcalfe	55.3
Madison	54.7
Grayson	52.4
Cumberland	51.8
Hopkins	49.6
Barren	48.4
Garrard	47.7
Lincoln	47.1
Monroe	46.9
Simpson	46.9
Allen	46.9
Livingston	46.6
Anderson	46.5

County	Rate
Butler	44.4
Bourbon	44.0
Elliott	43.7
Johnson	41.9
Larue	41.7
Carroll	41.7
Hart	41.3
Hardin	40.8
Harrison	40.1
Logan	39.0
Webster	38.6
Woodford	38.5
Trigg	38.0
Spencer	36.9
Daviess	36.6
Jessamine	36.2
Edmonson	35.3
Franklin	34.7
Boyle	34.7
Shelby	34.7
Fayette	33.6
Breckinridge	33.5
Nelson	33.4
Ohio	33.3
Marion	31.9
Christian	31.6
Bracken	31.0
Oldham	28.7
Henry	28.3
Caldwell	28.0

County	Rate
Scott	27.8
Mason	27.6
Muhlenberg	27.5
Bullitt	27.1
McCracken	26.6
Hancock	26.2
Henderson	25.9
Meade	25.0
Warren	24.4
Lyon	24.4
Carlisle	24.0
Nicholas	23.6
McLean	21.7
Marshall	21.6
Graves	21.5
Union	20.9
Calloway	20.5
Grant	19.4
Gallatin	19.3
Todd	18.6
Crittenden	17.8
Campbell	16.9
Trimble	16.9
Boone	15.9
Owen	15.7
Pendleton	14.7
Kenton	14.3
Ballard	12.7
Fulton	9.6
Hickman	6.5

Current Overall Incidence Rate
55.60 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.