

KY COVID-19 Report 15DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	227,818	185,901	41,917
Deaths	2,239	2,112	127
New Cases	2,946	1,807	1,139
New Cases 18 and Under	340	191	149
New Deaths	15	14	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
8,875	3.9%	0-9	0.0%	1
23,724	10.4%	10-19	0.0%	1
42,455	18.6%	20-29	0.0%	1
34,293	15.1%	30-39	0.8%	17
33,698	14.8%	40-49	1.7%	39
32,429	14.2%	50-59	5.8%	130
25,364	11.1%	60-69	16.4%	367
15,844	7.0%	70-79	26.2%	587
11,007	4.8%	80+	49.0%	1,096
129	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
453	0.2%	American Indian	0.0%	1
2,184	1.0%	Asian	0.8%	17
16,352	7.2%	Black	9.4%	210
166	0.1%	Pacific Islander	0.0%	1
143,655	63.1%	White	79.9%	1,790
8,745	3.8%	Multiracial	2.4%	53
56,263	24.7%	Unknown	7.5%	167
Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	4.3%	Hispanic	2.2%	50
151,479	66.5%	Non-Hispanic	86.4%	1,934
66,457	29.2%	Unknown	11.4%	255

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	29,677	13.0%
Deaths	1,616	72.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,192	131,182	8.53%

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
3,157,509	2,925,129	98,612	133,768	184,600	165,092	6,064	13,444

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	11,589	5.09%
Ever ICU	2,725	1.20%
Recovered	32,234	14.15%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,788
ICU	438
On Ventilator	246

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,390	4,550	64.8%
ICU Beds	1,202	488	71.1%
Ventilators	609	1,154	34.5%

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	111	30	17	15.7%	29.4%	17.5%	64.27%	67.65%	22.68%
Region 2	117	24	12	14.4%	26.1%	14.6%	53.38%	70.65%	25.61%
Region 3	574	124	78	15.0%	25.9%	18.0%	62.24%	72.03%	37.10%
Region 4	95	25	16	11.7%	25.5%	14.7%	55.53%	80.61%	27.52%
Region 5	336	95	48	12.4%	24.2%	9.3%	72.40%	71.68%	38.88%
Region 6	175	40	20	13.9%	22.9%	18.0%	69.32%	52.00%	67.57%
Region 7	79	17	9	12.6%	26.6%	7.4%	76.87%	70.31%	12.40%
Region 8	166	42	26	14.3%	30.9%	18.4%	61.82%	81.62%	30.50%
Region 9	85	20	10	13.5%	18.9%	10.8%	66.24%	66.98%	26.88%
Region 10	50	21	10	12.9%	45.7%	17.2%	54.78%	97.83%	27.59%

Data derived the most recent report from each facility at 12am the day of the report. 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.

Total Cases by County

County	Cases	Percent
Jefferson	45,284	19.9%
Fayette	20,978	9.2%
Warren	8,740	3.8%
Kenton	7,143	3.1%
Boone	6,297	2.8%
Hardin	5,248	2.3%
Madison	5,007	2.2%
Daviess	4,716	2.1%
McCracken	3,809	1.7%
Campbell	3,735	1.6%
Bullitt	3,640	1.6%
Christian	3,565	1.6%
Oldham	3,145	1.4%
Laurel	3,052	1.3%
Pulaski	2,732	1.2%
Shelby	2,636	1.2%
Boyd	2,620	1.2%
Nelson	2,547	1.1%
Henderson	2,527	1.1%
Jessamine	2,323	1.0%
Barren	2,311	1.0%
Pike	2,300	1.0%
Hopkins	2,265	1.0%
Graves	2,250	1.0%
Whitley	2,176	1.0%
Scott	2,171	1.0%
Calloway	2,079	0.9%
Greenup	1,901	0.8%
Franklin	1,849	0.8%
Boyle	1,658	0.7%

County	Cases	Percent
Muhlenberg	1,654	0.7%
Floyd	1,572	0.7%
Bell	1,542	0.7%
Knox	1,506	0.7%
Logan	1,471	0.6%
Taylor	1,411	0.6%
Perry	1,367	0.6%
Marion	1,364	0.6%
Ohio	1,310	0.6%
Harlan	1,282	0.6%
Clay	1,262	0.6%
Clark	1,232	0.5%
Marshall	1,222	0.5%
Montgomery	1,205	0.5%
Grayson	1,128	0.5%
Hart	1,127	0.5%
Lincoln	1,120	0.5%
Woodford	1,082	0.5%
Carter	1,053	0.5%
Adair	1,044	0.5%
Rowan	1,034	0.5%
Grant	1,007	0.4%
Simpson	1,000	0.4%
Johnson	999	0.4%
Lee	999	0.4%
Mercer	987	0.4%
Meade	942	0.4%
Allen	925	0.4%
Spencer	869	0.4%
Russell	858	0.4%

County	Cases	Percent
Monroe	850	0.4%
Union	840	0.4%
Caldwell	822	0.4%
Garrard	812	0.4%
Wayne	809	0.4%
Washington	760	0.3%
Mason	751	0.3%
Jackson	744	0.3%
Letcher	742	0.3%
Anderson	734	0.3%
Elliott	734	0.3%
McCreary	727	0.3%
Bourbon	718	0.3%
Rockcastle	717	0.3%
Larue	704	0.3%
Casey	689	0.3%
Butler	688	0.3%
Henry	681	0.3%
Magoffin	666	0.3%
Knott	657	0.3%
Webster	650	0.3%
Lewis	644	0.3%
Green	633	0.3%
Harrison	613	0.3%
Powell	603	0.3%
Clinton	596	0.3%
Estill	571	0.3%
Lawrence	564	0.2%
Martin	559	0.2%
Todd	555	0.2%

County	Cases	Percent
Fleming	540	0.2%
Breckinridge	534	0.2%
Trigg	529	0.2%
Metcalfe	525	0.2%
Pendleton	525	0.2%
Edmonson	486	0.2%
McLean	483	0.2%
Breathitt	481	0.2%
Carroll	457	0.2%
Morgan	428	0.2%
Livingston	418	0.2%
Bath	393	0.2%
Gallatin	386	0.2%
Leslie	385	0.2%
Hancock	369	0.2%
Fulton	331	0.1%
Cumberland	330	0.1%
Trimble	323	0.1%
Owen	322	0.1%
Crittenden	312	0.1%
Owsley	265	0.1%
Carlisle	259	0.1%
Lyon	257	0.1%
Wolfe	256	0.1%
Bracken	227	0.1%
Nicholas	211	0.1%
Hickman	207	0.1%
Ballard	202	0.1%
Menifee	151	0.1%
Robertson	114	0.1%

Total Cases
227,818

New Cases by County

County	Cases	Percent
Jefferson	418	14.2%
Fayette	162	5.5%
Warren	123	4.2%
Daviess	122	4.1%
Madison	120	4.1%
Pulaski	84	2.9%
McCreary	73	2.5%
Hardin	68	2.3%
Laurel	66	2.2%
Boone	63	2.1%
Whitley	60	2.0%
Kenton	59	2.0%
Oldham	51	1.7%
Clinton	51	1.7%
Hopkins	46	1.6%
Adair	46	1.6%
Knox	42	1.4%
Russell	41	1.4%
Taylor	40	1.4%
Nelson	35	1.2%
Bullitt	34	1.2%
Green	34	1.2%
Henderson	33	1.1%
Jessamine	31	1.1%
Boyd	30	1.0%
Campbell	29	1.0%
Greenup	28	1.0%
Lincoln	28	1.0%
Mercer	27	0.9%
Casey	26	0.9%

County	Cases	Percent
Pike	25	0.8%
Boyle	25	0.8%
Clay	24	0.8%
Christian	23	0.8%
Floyd	23	0.8%
Muhlenberg	22	0.7%
Logan	22	0.7%
Marion	22	0.7%
Cumberland	22	0.7%
Graves	21	0.7%
Meade	21	0.7%
Montgomery	20	0.7%
Clark	19	0.6%
Breathitt	19	0.6%
McCracken	18	0.6%
Franklin	18	0.6%
Barren	17	0.6%
Scott	17	0.6%
Grayson	17	0.6%
Wayne	17	0.6%
Anderson	17	0.6%
Todd	17	0.6%
Perry	16	0.5%
Ohio	16	0.5%
Harlan	16	0.5%
Allen	15	0.5%
Union	15	0.5%
Bell	14	0.5%
Simpson	14	0.5%
Johnson	14	0.5%

County	Cases	Percent
Washington	13	0.4%
Letcher	13	0.4%
Garrard	12	0.4%
Edmonson	12	0.4%
Hart	11	0.4%
Monroe	11	0.4%
Metcalfe	11	0.4%
Pendleton	11	0.4%
Morgan	11	0.4%
Wolfe	11	0.4%
Rockcastle	10	0.3%
Trigg	10	0.3%
Shelby	9	0.3%
Woodford	9	0.3%
Grant	9	0.3%
Bourbon	9	0.3%
Spencer	8	0.3%
Jackson	7	0.2%
Lawrence	7	0.2%
Owen	7	0.2%
Larue	6	0.2%
Butler	6	0.2%
Magoffin	6	0.2%
Powell	6	0.2%
Martin	6	0.2%
Fleming	6	0.2%
Carter	5	0.2%
Breckinridge	5	0.2%
Carroll	5	0.2%
Henry	4	0.1%

County	Cases	Percent
Knott	4	0.1%
Webster	4	0.1%
Lewis	4	0.1%
Gallatin	4	0.1%
Hancock	4	0.1%
Rowan	3	0.1%
Caldwell	3	0.1%
Estill	3	0.1%
Nicholas	3	0.1%
Marshall	2	0.1%
Mason	2	0.1%
McLean	2	0.1%
Livingston	2	0.1%
Trimble	2	0.1%
Crittenden	2	0.1%
Carlisle	2	0.1%
Harrison	1	0.0%
Bath	1	0.0%
Leslie	1	0.0%
Owsley	1	0.0%
Bracken	1	0.0%
Hickman	1	0.0%
Ballard	1	0.0%
Robertson	1	0.0%
Calloway	0	0.0%
Lee	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Lyon	0	0.0%
Menifee	0	0.0%

Total New Cases
2,946

Total Deaths by County

County	Deaths	Percent
Jefferson	489	21.8%
Fayette	129	5.8%
Warren	83	3.7%
Kenton	63	2.8%
Hopkins	60	2.7%
Daviess	59	2.6%
Christian	44	2.0%
Oldham	41	1.8%
Graves	41	1.8%
Henderson	39	1.7%
Jessamine	39	1.7%
Hardin	37	1.7%
Logan	36	1.6%
Boone	35	1.6%
Barren	35	1.6%
Adair	34	1.5%
McCracken	32	1.4%
Pike	30	1.3%
Boyd	29	1.3%
Shelby	27	1.2%
Bullitt	25	1.1%
Grayson	25	1.1%
Campbell	22	1.0%
Muhlenberg	22	1.0%
Scott	22	1.0%
Ohio	22	1.0%
Lewis	22	1.0%
Bell	21	0.9%
Madison	20	0.9%
Pulaski	20	0.9%

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

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

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

Total Deaths
2,239

Incidence Rates by County

County	Rate
McCreary	169.1
Boyle	167.3
Russell	147.5
Trimble	143.3
Clinton	132.8
Adair	131.7
Pulaski	124.9
Harlan	123.6
Wayne	119.4
Gallatin	112.8
Whitley	108.3
Boyd	103.4
Elliott	98.8
Simpson	93.8
Taylor	93.7
Perry	93.2
Mercer	88.6
Cumberland	88.6
Carter	87.4
Fleming	87.2
Monroe	87.2
Magoffin	86.9
Green	86.2
Spencer	84.2
Caldwell	84.1
Casey	82.2
Letcher	82.2
Carroll	80.6
Washington	80.3
Marion	80.1

County	Rate
Greenup	79.4
Mason	78.7
Metcalfe	78.0
Wolfe	77.8
Todd	76.7
Carlisle	75.0
Bell	73.5
Grant	72.9
Martin	71.5
Madison	70.5
Henry	70.0
Hart	69.8
Knox	69.7
Lincoln	68.1
Allen	67.7
Logan	66.9
Fayette	66.6
McCracken	66.2
Daviess	64.9
Rockcastle	64.2
Boone	64.1
Anderson	64.1
Livingston	63.7
Floyd	63.4
Hardin	63.1
Warren	62.8
Ohio	62.5
Clay	62.5
McLean	62.1
Garrard	61.5

County	Rate
Robertson	61.0
Laurel	59.9
Jefferson	59.8
Leslie	59.3
Hopkins	59.1
Butler	57.7
Kenton	56.4
Graves	56.0
Union	55.6
Meade	55.5
Jessamine	55.2
Bourbon	54.9
Muhlenberg	53.6
Owen	52.4
Powell	52.0
Montgomery	51.8
Henderson	51.2
Pendleton	50.9
Rowan	50.8
Campbell	50.5
Christian	50.5
Bullitt	50.4
Lawrence	50.4
Crittenden	50.3
Nelson	48.5
Johnson	47.6
Breathitt	47.5
Shelby	47.5
Scott	47.4
Franklin	47.3

County	Rate
Pike	46.9
Trigg	46.8
Woodford	46.5
Harrison	46.1
Knott	45.3
Calloway	44.3
Estill	43.5
Edmonson	43.5
Lyon	43.5
Jackson	41.8
Marshall	40.9
Oldham	40.6
Grayson	40.5
Hickman	39.1
Clark	37.8
Larue	37.7
Lewis	37.7
Morgan	36.5
Hancock	36.0
Breckinridge	35.6
Bracken	34.4
Webster	34.2
Lee	32.8
Barren	32.0
Nicholas	31.4
Ballard	30.8
Owsley	25.9
Menifee	24.2
Bath	24.0
Fulton	19.1

Current KY Incidence Rate
64.03 per 100k population

Average daily incidence is calculated by using the number of cases with an investigation start date in 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.