

KY COVID-19 Report

31AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	577,051	425,943	151,108
Deaths	7,764	6,953	811
New Cases	4,548	3,020	1,528
New Cases 18 and Under	1,407	857	550
Total New Deaths	23	20	3

Duplicates and records not meeting case criteria removed since last report: 14

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
32,066	5.6%	0-9	0.0%	1
70,430	12.2%	10-19	0.0%	1
103,122	17.9%	20-29	0.2%	13
89,930	15.6%	30-39	0.7%	54
85,421	14.8%	40-49	2.4%	184
79,736	13.8%	50-59	6.6%	516
59,794	10.4%	60-69	17.7%	1,372
35,152	6.1%	70-79	27.6%	2,146
21,171	3.7%	80+	44.8%	3,477
229	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,349	0.3%	American Indian	0.1%	8
4,661	1.0%	Asian	0.5%	40
39,176	8.1%	Black	7.9%	590
376	0.1%	Pacific Islander	0.1%	4
413,293	85.5%	White	89.0%	6,632
24,491	5.1%	Multiracial	2.3%	175

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,190	5.0%	Hispanic	1.6%	116
439,020	95.0%	Non-Hispanic	98.4%	7,079

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.8% of cases and 95.9% of deaths
 Ethnicity known for 80.1% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
19,808	145,080	13.66%

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
8,008,291	6,206,606	367,937	1,265,379	700,980	497,979	43,012	159,989

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,037	4.51%
Ever ICU	5,202	0.90%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,274
ICU	617
On Ventilator	406

Total Cases by County

County	Cases	Percent
Jefferson	97,499	16.9%
Fayette	43,010	7.5%
Warren	20,428	3.5%
Kenton	19,093	3.3%
Boone	16,469	2.9%
Daviess	13,763	2.4%
Hardin	13,437	2.3%
Madison	11,744	2.0%
Laurel	10,647	1.8%
Campbell	9,945	1.7%
Bullitt	9,321	1.6%
Oldham	8,779	1.5%
McCracken	8,510	1.5%
Pulaski	8,170	1.4%
Christian	8,059	1.4%
Pike	8,020	1.4%
Nelson	6,496	1.1%
Henderson	6,491	1.1%
Boyd	6,413	1.1%
Scott	6,391	1.1%
Hopkins	6,194	1.1%
Jessamine	6,009	1.0%
Whitley	5,932	1.0%
Barren	5,863	1.0%
Graves	5,829	1.0%
Shelby	5,801	1.0%
Franklin	5,310	0.9%
Floyd	5,155	0.9%
Knox	5,100	0.9%
Greenup	4,717	0.8%

County	Cases	Percent
Bell	4,413	0.8%
Calloway	4,358	0.8%
Boyle	4,288	0.7%
Muhlenberg	4,276	0.7%
Clay	4,203	0.7%
Taylor	4,123	0.7%
Marshall	4,104	0.7%
Perry	4,050	0.7%
Logan	3,968	0.7%
Clark	3,931	0.7%
Harlan	3,680	0.6%
Montgomery	3,642	0.6%
Carter	3,386	0.6%
Mercer	3,365	0.6%
Ohio	3,311	0.6%
Grayson	3,154	0.5%
Lincoln	3,111	0.5%
Grant	3,074	0.5%
Marion	2,988	0.5%
Allen	2,848	0.5%
Johnson	2,765	0.5%
Rowan	2,738	0.5%
Letcher	2,724	0.5%
Hart	2,673	0.5%
Meade	2,649	0.5%
Woodford	2,616	0.5%
Morgan	2,532	0.4%
Simpson	2,514	0.4%
Wayne	2,458	0.4%
McCreary	2,441	0.4%

County	Cases	Percent
Adair	2,427	0.4%
Russell	2,394	0.4%
Bourbon	2,277	0.4%
Harrison	2,268	0.4%
Anderson	2,261	0.4%
Spencer	2,223	0.4%
Rockcastle	2,154	0.4%
Mason	2,079	0.4%
Union	2,073	0.4%
Casey	2,035	0.4%
Breckinridge	1,973	0.3%
Garrard	1,953	0.3%
Jackson	1,940	0.3%
Webster	1,940	0.3%
Larue	1,919	0.3%
Henry	1,911	0.3%
Washington	1,911	0.3%
Lawrence	1,862	0.3%
Lewis	1,817	0.3%
Butler	1,800	0.3%
Caldwell	1,777	0.3%
Powell	1,737	0.3%
Lyon	1,731	0.3%
Monroe	1,671	0.3%
Fleming	1,652	0.3%
Knott	1,636	0.3%
Green	1,625	0.3%
Clinton	1,604	0.3%
Estill	1,564	0.3%
Trigg	1,533	0.3%

County	Cases	Percent
Magoffin	1,528	0.3%
Lee	1,479	0.3%
Leslie	1,430	0.2%
Todd	1,401	0.2%
Breathitt	1,400	0.2%
Pendleton	1,395	0.2%
Metcalfe	1,383	0.2%
Carroll	1,368	0.2%
Martin	1,303	0.2%
Bath	1,265	0.2%
McLean	1,155	0.2%
Elliott	1,146	0.2%
Edmonson	1,123	0.2%
Hancock	1,100	0.2%
Livingston	1,089	0.2%
Owen	1,037	0.2%
Trimble	945	0.2%
Gallatin	935	0.2%
Crittenden	852	0.1%
Bracken	827	0.1%
Cumberland	808	0.1%
Wolfe	807	0.1%
Nicholas	775	0.1%
Owsley	702	0.1%
Menifee	654	0.1%
Fulton	607	0.1%
Carlisle	556	0.1%
Ballard	529	0.1%
Hickman	452	0.1%
Robertson	266	0.0%

Total Cases
577,051

New Cases by County

County	Cases	Percent
Jefferson	526	11.6%
Fayette	382	8.4%
Hardin	186	4.1%
Warren	152	3.3%
Madison	114	2.5%
Bullitt	90	2.0%
Kenton	86	1.9%
Whitley	84	1.8%
Pike	82	1.8%
Laurel	81	1.8%
Graves	76	1.7%
Nelson	71	1.6%
Perry	70	1.5%
Knox	68	1.5%
Boone	66	1.5%
Barren	65	1.4%
Hopkins	63	1.4%
Boyle	60	1.3%
Jessamine	60	1.3%
Daviess	59	1.3%
Campbell	57	1.3%
Boyd	56	1.2%
McCracken	55	1.2%
Mercer	55	1.2%
Lincoln	53	1.2%
Clark	52	1.1%
Christian	51	1.1%
Pulaski	50	1.1%
Bell	45	1.0%
Oldham	44	1.0%

County	Cases	Percent
Floyd	43	0.9%
Clay	42	0.9%
Scott	41	0.9%
Ohio	40	0.9%
Russell	39	0.9%
Rockcastle	38	0.8%
Grayson	37	0.8%
Leslie	37	0.8%
Marion	37	0.8%
Logan	36	0.8%
Anderson	35	0.8%
Greenup	35	0.8%
Muhlenberg	34	0.7%
Allen	33	0.7%
Franklin	33	0.7%
Taylor	33	0.7%
Carter	32	0.7%
Garrard	32	0.7%
Larue	31	0.7%
Monroe	31	0.7%
Harrison	27	0.6%
Harlan	25	0.5%
Henderson	25	0.5%
Fleming	24	0.5%
Shelby	24	0.5%
Bourbon	22	0.5%
Breckinridge	22	0.5%
Breathitt	21	0.5%
Casey	21	0.5%
Hart	21	0.5%

County	Cases	Percent
Johnson	21	0.5%
Magoffin	21	0.5%
Spencer	21	0.5%
Butler	20	0.4%
Marshall	20	0.4%
Adair	19	0.4%
Grant	19	0.4%
Letcher	19	0.4%
Powell	19	0.4%
Washington	19	0.4%
Lawrence	18	0.4%
Lewis	17	0.4%
Nicholas	17	0.4%
Montgomery	16	0.4%
Owsley	16	0.4%
Caldwell	15	0.3%
Henry	14	0.3%
McCreary	14	0.3%
Mason	14	0.3%
Knott	13	0.3%
Union	13	0.3%
Bath	11	0.2%
Clinton	11	0.2%
Green	11	0.2%
Lee	11	0.2%
Meade	11	0.2%
Morgan	11	0.2%
Owen	11	0.2%
Trimble	11	0.2%
Wolfe	11	0.2%

County	Cases	Percent
Estill	10	0.2%
Metcalfe	10	0.2%
Wayne	10	0.2%
Webster	10	0.2%
Calloway	9	0.2%
Menifee	9	0.2%
Simpson	9	0.2%
Carroll	8	0.2%
Gallatin	8	0.2%
Pendleton	8	0.2%
Bracken	7	0.2%
Jackson	7	0.2%
McLean	7	0.2%
Todd	7	0.2%
Cumberland	6	0.1%
Rowan	6	0.1%
Woodford	6	0.1%
Edmonson	5	0.1%
Hancock	4	0.1%
Lyon	4	0.1%
Martin	4	0.1%
Trigg	4	0.1%
Crittenden	3	0.1%
Elliott	3	0.1%
Fulton	3	0.1%
Robertson	3	0.1%
Livingston	2	0.0%
Ballard	1	0.0%
Hickman	1	0.0%
Carlisle	0	0.0%

Total New Cases
4,548

Total Deaths by County

County	Deaths	Percent
Jefferson	1,413	18.2%
Fayette	328	4.2%
Daviess	217	2.8%
Kenton	217	2.8%
Warren	199	2.6%
Hardin	189	2.4%
Boone	161	2.1%
Hopkins	161	2.1%
McCracken	140	1.8%
Pulaski	132	1.7%
Pike	126	1.6%
Madison	117	1.5%
Barren	109	1.4%
Christian	108	1.4%
Graves	107	1.4%
Harlan	97	1.2%
Bullitt	94	1.2%
Laurel	87	1.1%
Henderson	86	1.1%
Oldham	86	1.1%
Shelby	86	1.1%
Boyd	84	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Jessamine	79	1.0%
Logan	77	1.0%
Muhlenberg	77	1.0%
Floyd	75	1.0%
Perry	70	0.9%
Marshall	68	0.9%

County	Deaths	Percent
Nelson	68	0.9%
Franklin	65	0.8%
Whitley	65	0.8%
Greenup	64	0.8%
Lincoln	64	0.8%
Bell	63	0.8%
Grayson	60	0.8%
Ohio	59	0.8%
Adair	58	0.7%
Mercer	57	0.7%
Taylor	57	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	52	0.7%
Wayne	50	0.6%
Knox	49	0.6%
Allen	48	0.6%
Clay	48	0.6%
Lewis	48	0.6%
Monroe	48	0.6%
Russell	47	0.6%
Simpson	45	0.6%
Mason	43	0.6%
Carter	42	0.5%
Washington	42	0.5%
Casey	41	0.5%
Marion	40	0.5%
Jackson	39	0.5%
Johnson	38	0.5%
Garrard	37	0.5%

County	Deaths	Percent
Scott	37	0.5%
Montgomery	35	0.5%
Gallatin	34	0.4%
McCreary	34	0.4%
Caldwell	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Lawrence	31	0.4%
McLean	31	0.4%
Metcalfe	31	0.4%
Larue	30	0.4%
Meade	29	0.4%
Butler	28	0.4%
Harrison	28	0.4%
Todd	28	0.4%
Crittenden	27	0.3%
Fleming	27	0.3%
Livingston	27	0.3%
Lee	26	0.3%
Spencer	26	0.3%
Webster	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Grant	25	0.3%
Knott	25	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Lyon	23	0.3%
Woodford	23	0.3%
Martin	22	0.3%

County	Deaths	Percent
Rowan	22	0.3%
Bourbon	21	0.3%
Carroll	21	0.3%
Henry	21	0.3%
Breckinridge	20	0.3%
Union	20	0.3%
Magoffin	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Trigg	16	0.2%
Hancock	15	0.2%
Powell	15	0.2%
Robertson	14	0.2%
Breathitt	13	0.2%
Cumberland	13	0.2%
Owen	13	0.2%
Estill	12	0.2%
Ballard	11	0.1%
Carlisle	10	0.1%
Nicholas	10	0.1%
Leslie	9	0.1%
Bracken	8	0.1%
Trimble	8	0.1%
Wolfe	8	0.1%
Morgan	5	0.1%
Pendleton	5	0.1%
Elliott	2	0.0%

Total Deaths
7,764

Incidence Rates by County

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

County	Rate
Owsley	317.1
Clay	264.9
Bell	249.1
Whitley	243.1
Perry	214.6
Wolfe	193.6
Leslie	190.9
Larue	181.6
Powell	180.3
Graves	174.4
Laurel	168.7
Floyd	158.2
Breathitt	157.2
Grayson	156.2
Breckinridge	154.2
Rockcastle	150.6
Carter	149.3
Magoffin	145.7
Knox	144.0
Monroe	143.5
Nicholas	143.5
Marion	139.4
Allen	137.4
Russell	134.7
Pike	134.5
Jackson	134.0
Mercer	133.5
Casey	133.5
Taylor	133.1
Muhlenberg	133.0

County	Rate
Harlan	132.4
Carroll	130.3
Union	128.1
Boyle	125.5
Logan	120.2
Ohio	117.9
Green	114.9
Lawrence	114.7
Nelson	114.0
Greenup	112.7
Hardin	112.4
Marshall	112.1
Henry	111.6
Bourbon	110.5
Estill	110.4
Trimble	109.6
Spencer	109.3
Lee	108.1
Fleming	106.8
Warren	106.6
Barren	106.2
Hart	105.8
Boyd	104.6
Letcher	101.4
Harrison	101.4
Butler	100.9
Hopkins	99.7
Washington	98.0
Menifee	96.9
Henderson	96.4

County	Rate
Lewis	95.8
Bullitt	95.5
Webster	94.9
Robertson	94.9
McLean	93.1
Knott	92.6
Owen	90.4
Madison	90.0
Jessamine	88.7
Metcalfe	87.9
Clark	82.7
Johnson	82.4
Lyon	81.8
Martin	81.7
Bath	81.1
Gallatin	80.5
Garrard	80.1
Pendleton	79.3
Daviess	77.0
Fayette	72.8
Lincoln	72.7
McCracken	72.1
Montgomery	72.0
Caldwell	71.7
Franklin	70.0
Jefferson	68.9
Hancock	68.8
Edmonson	68.2
Rowan	67.2
Grant	64.4

County	Rate
Clinton	64.3
Meade	62.0
Pulaski	61.6
Simpson	60.8
Fulton	59.8
Shelby	59.4
Mason	59.4
Cumberland	56.2
Oldham	55.8
Hickman	55.4
Calloway	54.9
McCreary	53.1
Scott	51.1
Anderson	50.2
Campbell	48.5
Livingston	48.2
Crittenden	45.4
Kenton	44.8
Bracken	44.7
Boone	43.8
Adair	41.7
Ballard	38.0
Todd	36.0
Christian	35.9
Wayne	35.1
Morgan	34.3
Carlisle	33.0
Elliott	32.3
Trigg	27.3
Woodford	18.2

Current Overall Incidence Rate
89.42 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.