



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 49
December 1, 2019 –
December 7, 2019

Current Influenza Activity Level: **WIDESPREAD**

Activity Level Range: No Activity Sporadic Local Regional Widespread

Widespread: Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state.

Confirmed: Laboratory confirmed influenza cases are determined using the following test methods: RT-PCR, nucleic acid detection or viral culture. Laboratory-confirmed cases are reportable in Kentucky. (Please note that positive results using rapid influenza antigen tests are not included in this report.)

Influenza-like Illness (ILI) Case Definition:

- Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent, PLUS Cough -OR- Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent, PLUS Sore Throat -OR- Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent, PLUS Cough *and* Sore Throat (in the absence of a known cause other than influenza)

511 Number of New Cases
Reported this Week

1,622 Number of Confirmed
Cases for 2019-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
0	4

Number of Regions with Increased ILI Activity for 2019-2020 Influenza Season

MMWR Week 49	Season Total
10 of 17 Regions	17 of 17 Regions

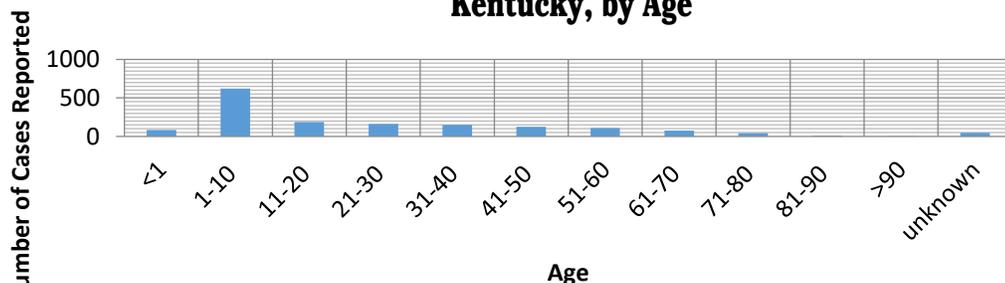
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 49	Season Total
17 of 17 Regions	17 of 17 Regions

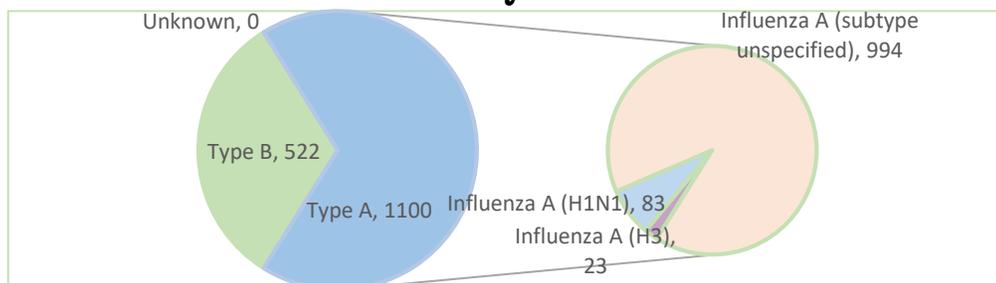
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 49	Season Total
1 of 17 Regions	2 Outbreaks

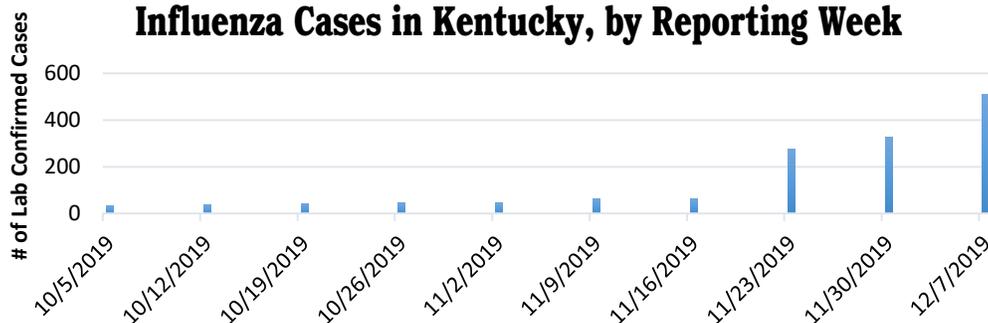
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Reporting Week



MMWR Week 49: Total *Confirmed Influenza Cases by County

County	MMWR Week 49	2019-2020 Season Total	County	MMWR Week 49	2019-2020 Season Total	County	MMWR Week 49	2019-2020 Season Total
Adair	2	2	Grant	0	1	McLean	0	0
Allen	3	8	Graves	0	0	Meade	2	2
Anderson	0	2	Grayson	0	1	Menifee	0	1
Ballard	0	0	Green	0	1	Mercer	7	12
Barren	13	38	Greenup	3	4	Metcalfe	3	11
Bath	0	1	Hancock	0	0	Monroe	11	21
Bell	0	0	Hardin	2	14	Montgomery	1	1
Boone	1	5	Harlan	0	0	Morgan	0	1
Bourbon	1	4	Harrison	0	0	Muhlenberg	1	2
Boyd	0	2	Hart	2	12	Nelson	2	3
Boyle	5	6	Henderson	0	0	Nicholas	1	3
Bracken	0	0	Henry	3	4	Ohio	0	0
Breathitt	13	27	Hickman	0	0	Oldham	6	31
Breckinridge	1	11	Hopkins	0	0	Owen	0	0
Bullitt	33	95	Jackson	0	0	Owsley	1	11
Butler	0	3	Jefferson	202	471	Pendleton	0	0
Caldwell	0	0	Jessamine	1	2	Perry	42	257
Calloway	0	0	Johnson	0	0	Pike	27	90
Campbell	0	4	Kenton	3	7	Powell	0	0
Carlisle	0	0	Knott	12	89	Pulaski	0	2
Carroll	4	4	Knox	2	5	Robertson	0	0
Carter	0	0	Larue	0	1	Rockcastle	0	0
Casey	2	2	Laurel	0	2	Rowan	0	0
Christian	0	0	Lawrence	0	0	Russell	0	1
Clark	0	0	Lee	3	4	Scott	9	27
Clay	0	0	Leslie	16	94	Shelby	3	9
Clinton	0	1	Letcher	6	50	Simpson	2	7
Crittenden	0	0	Lewis	0	0	Spencer	2	7
Cumberland	0	0	Lincoln	0	0	Taylor	0	0
Daviess	0	1	Livingston	0	0	Todd	0	0
Edmonson	1	3	Logan	0	2	Trigg	0	1
Elliott	1	2	Lyon	0	0	Trimble	0	2
Estill	0	0	Madison	5	7	Union	0	1
Fayette	12	29	Magoffin	1	3	Warren	15	37
Fleming	0	0	Marion	0	0	Washington	0	0
Floyd	2	12	Marshall	7	10	Wayne	0	0
Franklin	7	20	Martin	0	2	Webster	2	2
Fulton	0	0	Mason	0	0	Whitley	1	2
Gallatin	0	0	McCracken	0	1	Wolfe	1	2
Garrard	1	2	McCreary	2	2	Woodford	0	3

Kentucky National Electronic Disease Surveillance System (NEDSS) and U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) Data.
 Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, [December 1 – December 7, 2019].



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 50
December 8, 2019 –
December 14, 2019

Current Influenza Activity Level: **WIDESPREAD**

Activity Level Range: No Activity Sporadic Local Regional Widespread

Widespread: Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state.

Confirmed: Laboratory confirmed influenza cases are determined using the following test methods: RT-PCR, nucleic acid detection or viral culture. Laboratory-confirmed cases are reportable in Kentucky. (Please note that positive results using rapid influenza antigen tests are not included in this report.)

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814 Number of New Cases
Reported this Week

2,436 Number of Confirmed
Cases for 2019-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
1	5

Number of Regions with Increased ILI Activity for 2019-2020 Influenza Season

MMWR Week 50	Season Total
12 of 17 Regions	17 of 17 Regions

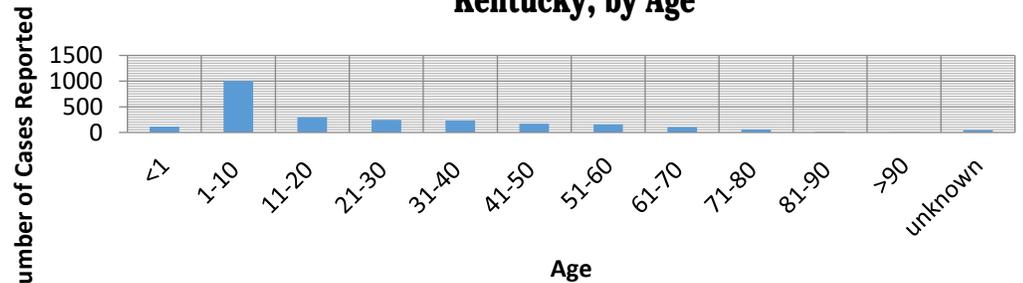
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 50	Season Total
16 of 17 Regions	17 of 17 Regions

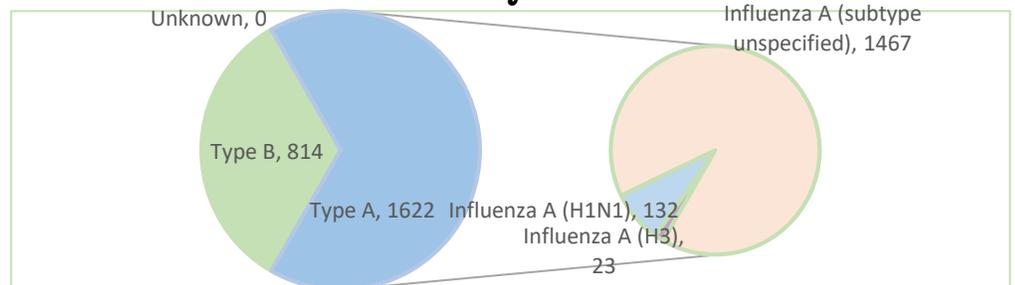
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 50	Season Total
1 of 17 Regions	3 Outbreaks

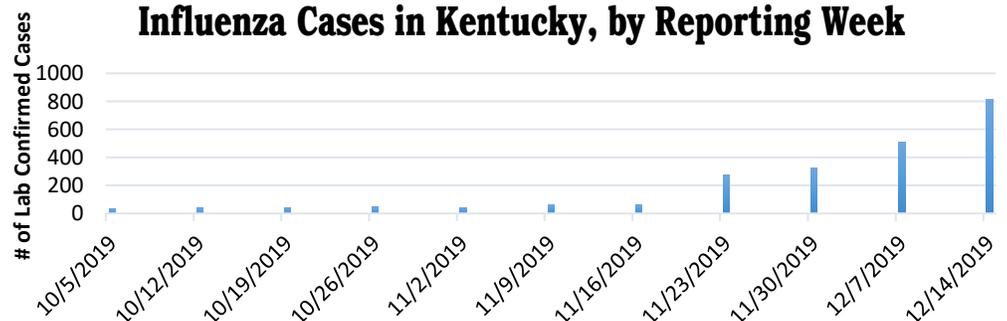
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Reporting Week



MMWR Week 50: Total *Confirmed Influenza Cases by County

County	MMWR Week 50	2019-2020 Season Total	County	MMWR Week 50	2019-2020 Season Total	County	MMWR Week 50	2019-2020 Season Total
Adair	1	3	Grant	0	1	McLean	0	0
Allen	2	10	Graves	5	5	Meade	0	2
Anderson	2	4	Grayson	1	2	Menifee	0	1
Ballard	0	0	Green	0	1	Mercer	1	13
Barren	32	70	Greenup	1	5	Metcalfe	11	22
Bath	0	1	Hancock	0	0	Monroe	8	29
Bell	0	0	Hardin	5	19	Montgomery	0	1
Boone	0	5	Harlan	0	0	Morgan	0	1
Bourbon	0	4	Harrison	0	0	Muhlenberg	0	2
Boyd	1	3	Hart	6	18	Nelson	0	3
Boyle	13	19	Henderson	0	0	Nicholas	0	3
Bracken	0	0	Henry	4	8	Ohio	0	0
Breathitt	8	35	Hickman	0	0	Oldham	18	49
Breckinridge	4	15	Hopkins	0	0	Owen	0	0
Bullitt	16	111	Jackson	0	0	Owsley	0	11
Butler	1	4	Jefferson	427	898	Pendleton	0	0
Caldwell	0	0	Jessamine	2	4	Perry	53	310
Calloway	0	0	Johnson	1	1	Pike	42	132
Campbell	0	4	Kenton	2	9	Powell	0	0
Carlisle	0	0	Knott	12	101	Pulaski	1	3
Carroll	4	8	Knox	0	5	Robertson	0	0
Carter	0	0	Larue	1	2	Rockcastle	0	0
Casey	0	2	Laurel	18	20	Rowan	0	0
Christian	1	1	Lawrence	0	0	Russell	0	1
Clark	0	0	Lee	0	4	Scott	0	27
Clay	1	1	Leslie	15	109	Shelby	2	11
Clinton	1	2	Letcher	8	58	Simpson	1	8
Crittenden	0	0	Lewis	0	0	Spencer	1	8
Cumberland	1	1	Lincoln	1	1	Taylor	1	1
Daviess	1	2	Livingston	0	0	Todd	0	0
Edmonson	0	3	Logan	0	2	Trigg	0	1
Elliott	0	2	Lyon	0	0	Trimble	1	3
Estill	0	0	Madison	5	12	Union	0	1
Fayette	4	33	Magoffin	0	3	Warren	10	47
Fleming	0	0	Marion	1	1	Washington	1	1
Floyd	2	14	Marshall	0	10	Wayne	0	0
Franklin	43	63	Martin	0	2	Webster	2	4
Fulton	1	1	Mason	0	0	Whitley	1	3
Gallatin	0	0	McCracken	0	1	Wolfe	0	2
Garrard	2	4	McCreary	3	5	Woodford	1	4

Kentucky National Electronic Disease Surveillance System (NEDSS) and U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) Data.
 Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, [December 8 - December 14, 2019].



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 52
December 22, 2019 –
December 28, 2019

Current Influenza Activity Level: **WIDESPREAD**

Activity Level Range: No Activity Sporadic Local Regional Widespread

Widespread: Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state.

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2,213 Number of New Cases
Reported this Week

5,988 Number of Confirmed
Cases for 2019-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
1	7

Number of Regions with Increased ILI Activity for 2019-2020 Influenza Season

MMWR Week 52	Season Total
17 of 17 Regions	17 of 17 Regions

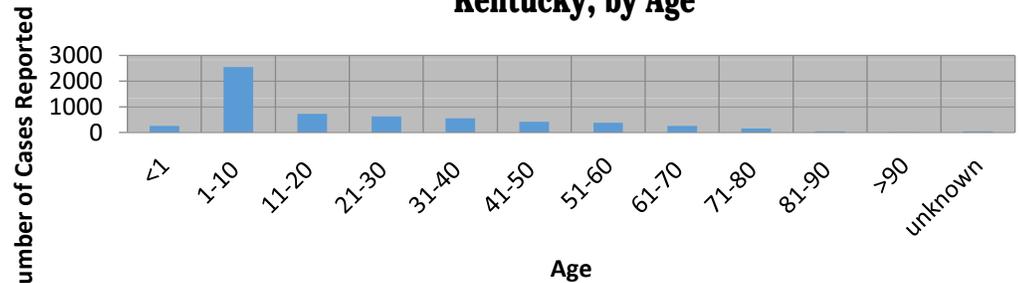
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 52	Season Total
16 of 17 Regions	17 of 17 Regions

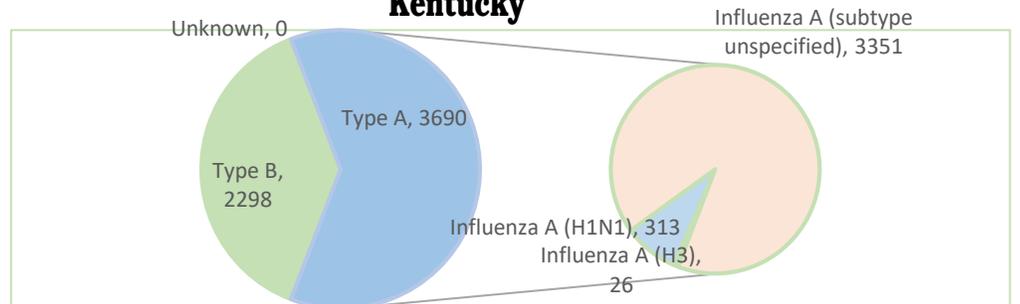
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 52	Season Total
1 of 17 Regions	6 Outbreaks

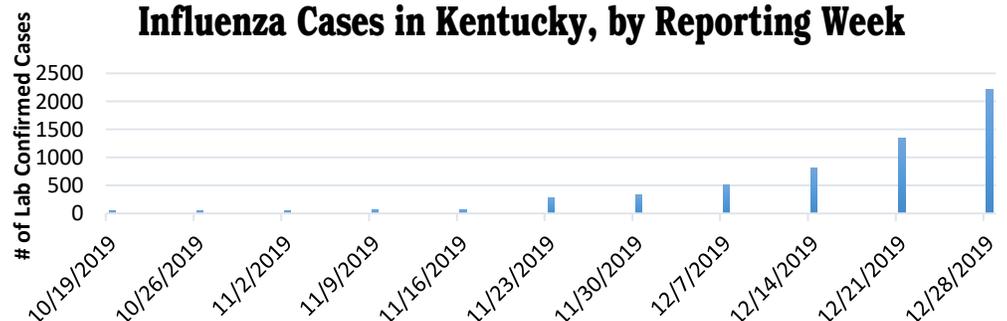
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Reporting Week



MMWR Week 52: Total *Confirmed Influenza Cases by County

County	MMWR Week 52	2019-2020 Season Total	County	MMWR Week 52	2019-2020 Season Total	County	MMWR Week 52	2019-2020 Season Total
Adair	8	14	Grant	3	4	McLean	0	0
Allen	31	49	Graves	10	15	Meade	4	10
Anderson	1	5	Grayson	0	3	Menifee	1	2
Ballard	0	0	Green	0	1	Mercer	17	39
Barren	126	265	Greenup	18	25	Metcalfe	29	58
Bath	1	2	Hancock	0	0	Monroe	52	110
Bell	1	1	Hardin	15	42	Montgomery	4	6
Boone	2	8	Harlan	0	0	Morgan	0	1
Bourbon	3	7	Harrison	1	2	Muhlenberg	2	4
Boyd	0	4	Hart	30	61	Nelson	5	9
Boyle	64	83	Henderson	0	0	Nicholas	1	4
Bracken	0	0	Henry	14	28	Ohio	0	1
Breathitt	2	61	Hickman	0	0	Oldham	90	147
Breckinridge	1	33	Hopkins	3	3	Owen	1	3
Bullitt	42	266	Jackson	0	0	Owsley	2	19
Butler	6	11	Jefferson	886	2468	Pendleton	0	0
Caldwell	1	1	Jessamine	6	10	Perry	31	435
Calloway	0	0	Johnson	2	4	Pike	107	242
Campbell	1	5	Kenton	11	20	Powell	5	5
Carlisle	0	0	Knott	6	125	Pulaski	6	9
Carroll	4	13	Knox	5	12	Robertson	0	0
Carter	2	2	Larue	3	5	Rockcastle	0	0
Casey	6	8	Laurel	22	42	Rowan	0	0
Christian	0	1	Lawrence	2	2	Russell	0	3
Clark	22	22	Lee	1	6	Scott	3	30
Clay	2	4	Leslie	42	171	Shelby	38	71
Clinton	0	2	Letcher	24	106	Simpson	17	36
Crittenden	0	0	Lewis	0	0	Spencer	6	26
Cumberland	0	1	Lincoln	62	63	Taylor	1	3
Daviess	0	2	Livingston	1	1	Todd	0	0
Edmonson	2	7	Logan	5	10	Trigg	0	1
Elliott	0	2	Lyon	1	2	Trimble	4	7
Estill	0	0	Madison	11	24	Union	0	1
Fayette	77	141	Magoffin	0	3	Warren	100	184
Fleming	0	0	Marion	3	4	Washington	1	2
Floyd	11	30	Marshall	38	48	Wayne	0	0
Franklin	7	86	Martin	0	2	Webster	0	9
Fulton	0	1	Mason	0	0	Whitley	1	4
Gallatin	0	0	McCracken	0	1	Wolfe	1	5
Garrard	28	34	McCreary	3	8	Woodford	5	10

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