



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 45
November 3, 2019 –
November 9, 2019

Current Influenza Activity Level: †Local

Activity Level Range: No Activity Sporadic Local Regional Widespread

†**Local:** Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in a single region of 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)

63 Number of New Cases
Reported this Week

447 Number of Confirmed
Cases for 2109-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
0	0

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

MMWR Week 45	Season Total
16 of 17 Regions	17 of 17 Regions

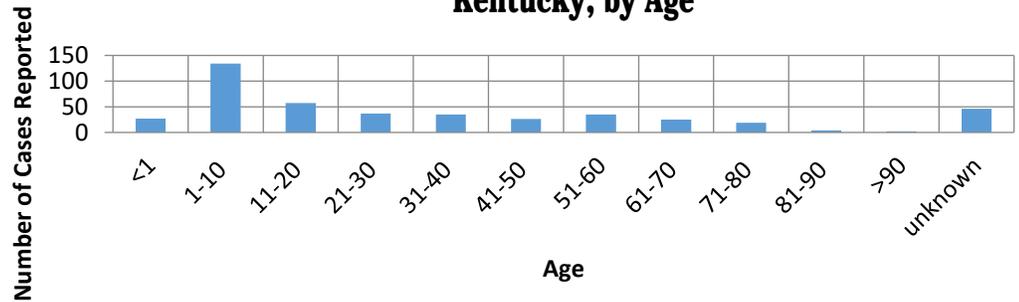
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 45	Season Total
11 of 17 Regions	11 of 17 Regions

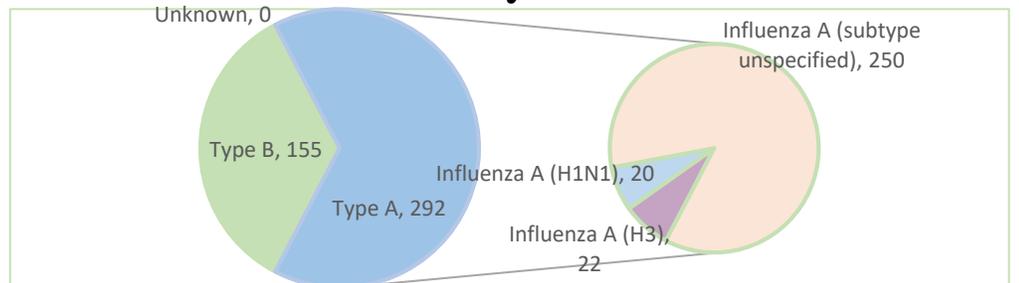
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 45	Season Total
0 of 17 Regions	1 Outbreak

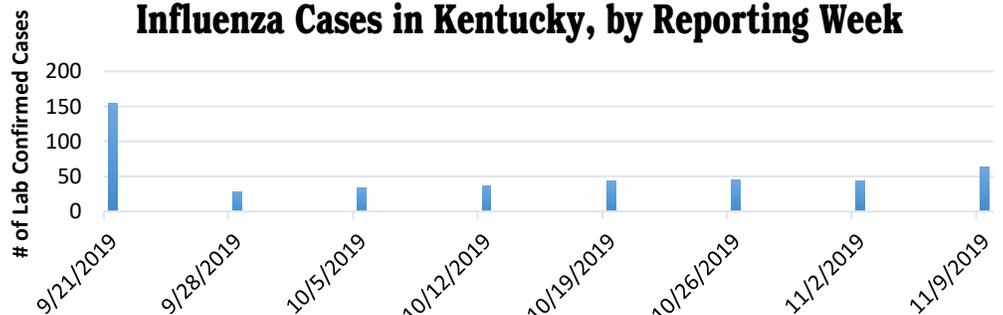
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



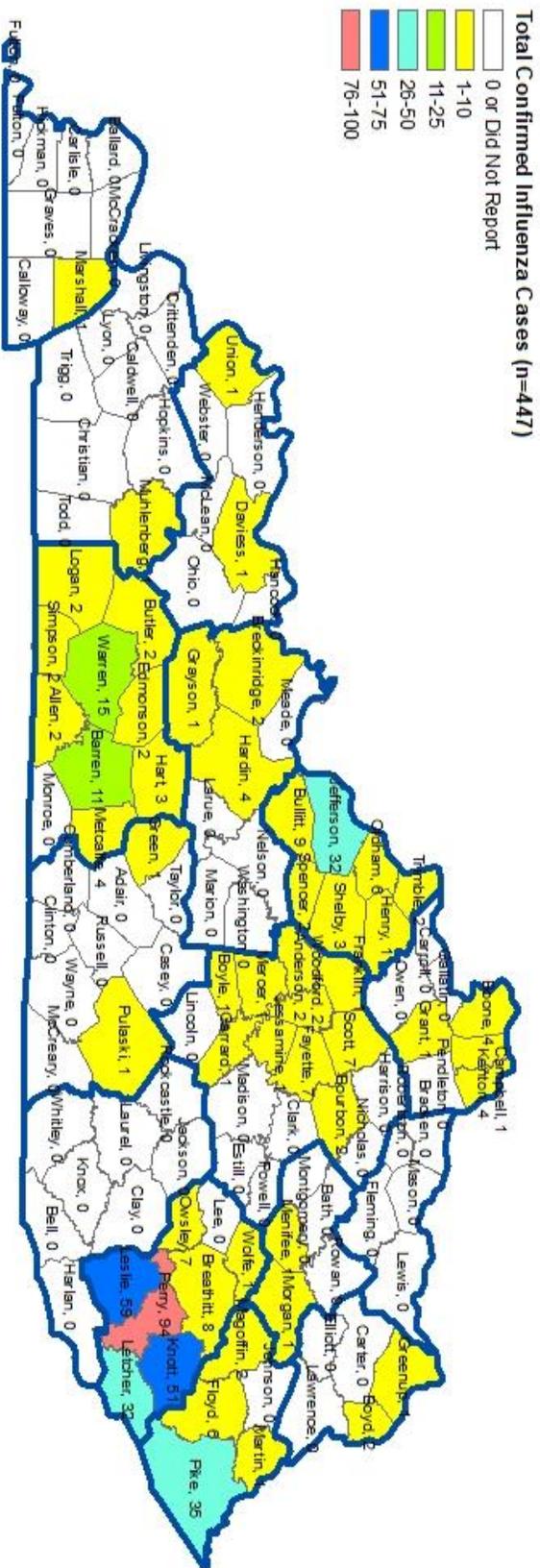
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Reporting Week



2019 - 2020 Kentucky Influenza Season

Total Influenza Cases: Lab Confirmed

MMWR Weeks 38-45



Cabinet for Health and Family Services
 Kentucky Immunization Program
 November 14, 2019

MMWR Week 45: Total *Confirmed Influenza Cases by County

County	MMWR Week 45	2019-2020 Season Total	County	MMWR Week 45	2019-2020 Season Total	County	MMWR Week 45	2019-2020 Season Total
Adair	0	0	Grant	0	1	McLean	0	0
Allen	0	2	Graves	0	0	Meade	0	0
Anderson	0	2	Grayson	1	1	Menifee	1	1
Ballard	0	0	Green	0	1	Mercer	0	1
Barren	1	11	Greenup	0	1	Metcalfe	0	4
Bath	0	0	Hancock	0	0	Monroe	0	0
Bell	0	0	Hardin	2	4	Montgomery	0	0
Boone	1	4	Harlan	0	0	Morgan	0	1
Bourbon	0	2	Harrison	0	0	Muhlenberg	0	1
Boyd	0	2	Hart	0	3	Nelson	0	0
Boyle	0	1	Henderson	0	0	Nicholas	0	0
Bracken	0	0	Henry	0	1	Ohio	0	0
Breathitt	2	8	Hickman	0	0	Oldham	0	6
Breckinridge	0	2	Hopkins	0	0	Owen	0	0
Bullitt	4	9	Jackson	0	0	Owsley	0	7
Butler	0	2	Jefferson	7	32	Pendleton	0	0
Caldwell	0	0	Jessamine	0	1	Perry	14	94
Calloway	0	0	Johnson	0	0	Pike	4	35
Campbell	0	1	Kenton	0	4	Powell	0	0
Carlisle	0	0	Knott	5	51	Pulaski	0	1
Carroll	0	0	Knox	0	0	Robertson	0	0
Carter	0	0	Larue	0	0	Rockcastle	0	0
Casey	0	0	Laurel	0	0	Rowan	0	0
Christian	0	0	Lawrence	0	0	Russell	0	0
Clark	0	0	Lee	0	0	Scott	2	7
Clay	0	0	Leslie	4	59	Shelby	1	3
Clinton	0	0	Letcher	1	32	Simpson	0	2
Crittenden	0	0	Lewis	0	0	Spencer	1	2
Cumberland	0	0	Lincoln	0	0	Taylor	0	0
Daviess	0	1	Livingston	0	0	Todd	0	0
Edmonson	0	2	Logan	0	2	Trigg	0	0
Elliott	0	0	Lyon	0	0	Trimble	1	2
Estill	0	0	Madison	0	0	Union	0	1
Fayette	4	7	Magoffin	2	2	Warren	1	15
Fleming	0	0	Marion	0	0	Washington	0	0
Floyd	1	6	Marshall	0	1	Wayne	0	0
Franklin	1	1	Martin	1	1	Webster	0	0
Fulton	0	0	Mason	0	0	Whitley	0	0
Gallatin	0	0	McCracken	0	0	Wolfe	0	1
Garrard	1	1	McCreary	0	0	Woodford	0	2



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 46
November 10, 2019 –
November 16, 2019

Current Influenza Activity Level: †Local

Activity Level Range: No Activity Sporadic Local Regional Widespread

†**Local:** Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in a single region of 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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63 Number of New Cases
Reported this Week

510 Number of Confirmed
Cases for 2109-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
0	0

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

MMWR Week 46	Season Total
10 of 17 Regions	17 of 17 Regions

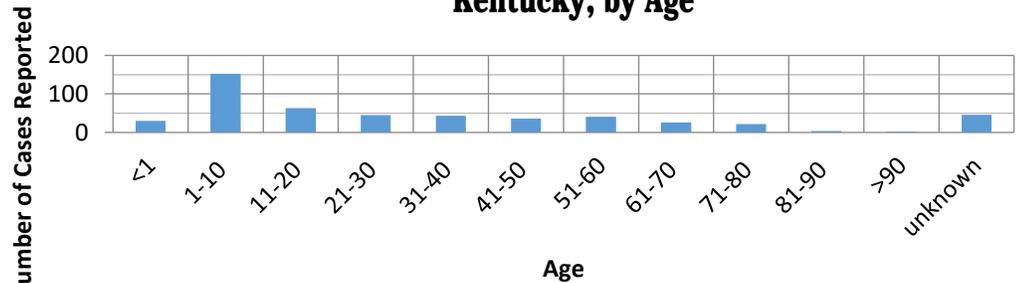
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 46	Season Total
11 of 17 Regions	11 of 17 Regions

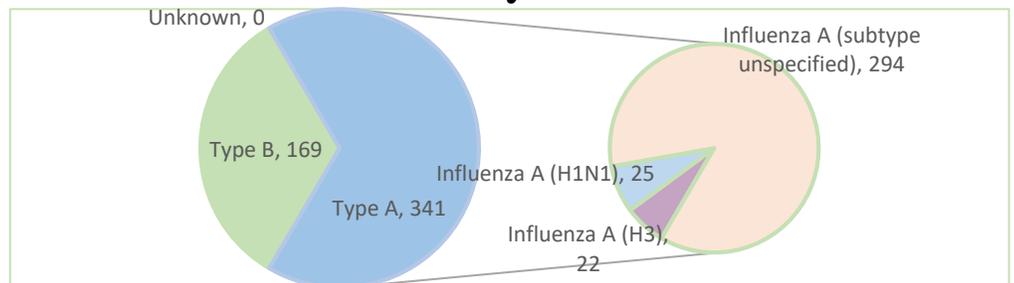
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 46	Season Total
0 of 17 Regions	1 Outbreak

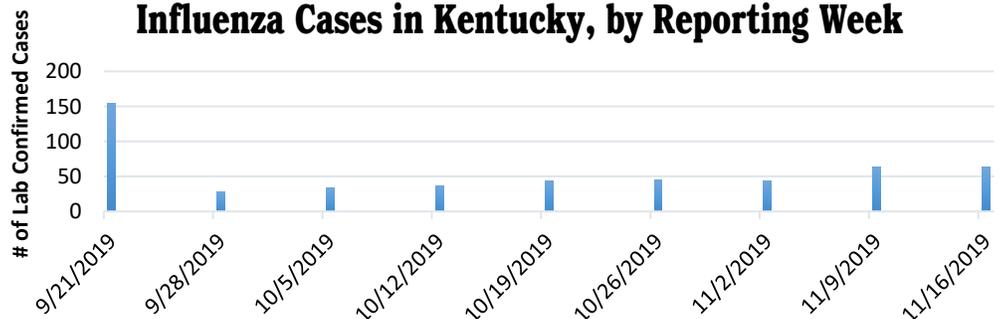
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



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



MMWR Week 46: Total *Confirmed Influenza Cases by County

County	MMWR Week 46	2019-2020 Season Total	County	MMWR Week 46	2019-2020 Season Total	County	MMWR Week 46	2019-2020 Season Total
Adair	1	3	Grant	0	1	McLean	0	0
Allen	0	2	Graves	0	0	Meade	0	0
Anderson	0	0	Grayson	0	1	Menifee	0	1
Ballard	2	13	Green	0	1	Mercer	0	1
Barren	0	0	Greenup	0	1	Metcalfe	0	4
Bath	0	0	Hancock	0	0	Monroe	0	0
Bell	0	4	Hardin	2	6	Montgomery	0	0
Boone	1	3	Harlan	0	0	Morgan	0	1
Bourbon	0	2	Harrison	0	0	Muhlenberg	0	1
Boyd	0	1	Hart	0	3	Nelson	1	1
Boyle	0	0	Henderson	0	0	Nicholas	0	0
Bracken	2	10	Henry	0	1	Ohio	0	0
Breathitt	0	2	Hickman	0	0	Oldham	0	6
Breckinridge	3	12	Hopkins	0	0	Owen	0	0
Bullitt	0	2	Jackson	0	0	Owsley	0	7
Butler	0	0	Jefferson	26	58	Pendleton	0	0
Caldwell	0	0	Jessamine	0	1	Perry	1	95
Calloway	0	1	Johnson	0	0	Pike	6	41
Campbell	0	0	Kenton	0	4	Powell	0	0
Carlisle	0	0	Knott	4	55	Pulaski	0	1
Carroll	0	0	Knox	1	1	Robertson	0	0
Carter	0	0	Larue	0	0	Rockcastle	0	0
Casey	0	0	Laurel	0	0	Rowan	0	0
Christian	0	0	Lawrence	0	0	Russell	0	0
Clark	0	0	Lee	0	0	Scott	0	7
Clay	1	1	Leslie	2	61	Shelby	1	4
Clinton	0	0	Letcher	0	32	Simpson	0	2
Crittenden	0	0	Lewis	0	0	Spencer	1	3
Cumberland	0	1	Lincoln	0	0	Taylor	0	0
Daviess	0	2	Livingston	0	0	Todd	0	0
Edmonson	0	0	Logan	0	2	Trigg	0	0
Elliott	0	0	Lyon	0	0	Trimble	0	2
Estill	2	9	Madison	0	0	Union	0	1
Fayette	0	0	Magoffin	0	2	Warren	1	16
Fleming	1	7	Marion	0	0	Washington	0	0
Floyd	2	3	Marshall	1	2	Wayne	0	0
Franklin	0	0	Martin	1	2	Webster	0	0
Fulton	0	0	Mason	0	0	Whitley	0	0
Gallatin	0	0	McCracken	0	0	Wolfe	0	1
Garrard	0	1	McCreary	0	0	Woodford	0	2



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 47
November 17, 2019 –
November 23, 2019

Current Influenza Activity Level: **REGIONAL**

Activity Level Range: No Activity Sporadic Local Regional Widespread

Regional: Outbreaks of influenza or increases in ILI and recent laboratory confirmed influenza in at least two but less than half the regions of the state with recent laboratory evidence of influenza in those regions.

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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275 Number of New Cases
Reported this Week

785 Number of Confirmed
Cases for 2019-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
0	0

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

MMWR Week 47	Season Total
4 of 17 Regions	17 of 17 Regions

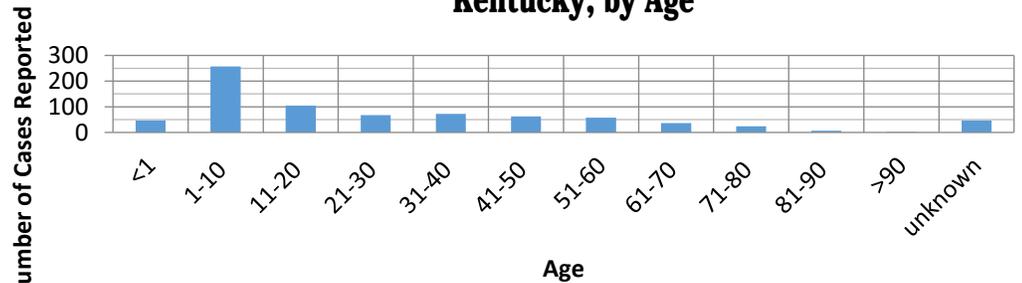
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 47	Season Total
17 of 17 Regions	17 of 17 Regions

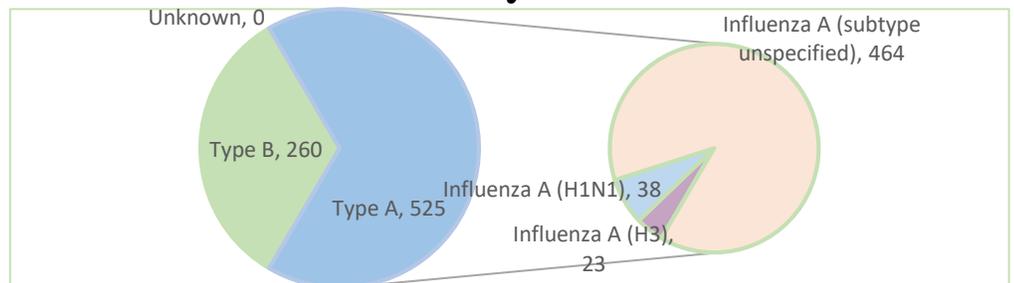
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 47	Season Total
0 of 17 Regions	1 Outbreak

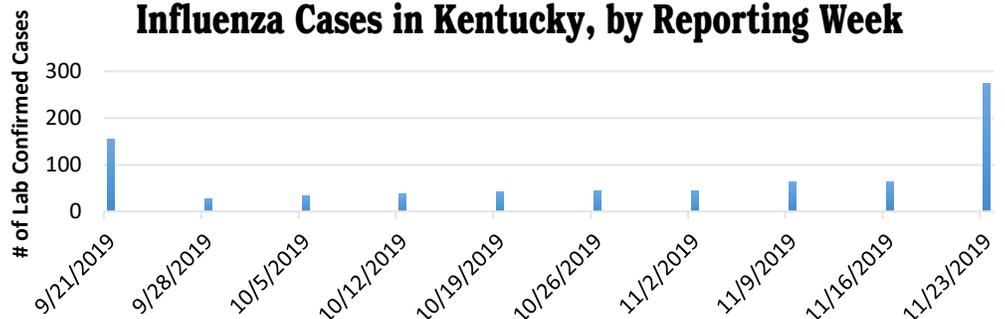
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



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



MMWR Week 47: Total *Confirmed Influenza Cases by County

County	MMWR Week 47	2019-2020 Season Total	County	MMWR Week 47	2019-2020 Season Total	County	MMWR Week 47	2019-2020 Season Total
Adair	0	0	Grant	0	1	McLean	0	0
Allen	0	3	Graves	0	0	Meade	0	0
Anderson	0	2	Grayson	0	1	Menifee	0	1
Ballard	0	0	Green	0	1	Mercer	0	1
Barren	3	16	Greenup	0	1	Metcalfe	0	4
Bath	1	1	Hancock	0	0	Monroe	1	1
Bell	0	0	Hardin	5	11	Montgomery	0	0
Boone	0	4	Harlan	0	0	Morgan	0	1
Bourbon	0	3	Harrison	0	0	Muhlenberg	0	1
Boyd	0	2	Hart	5	8	Nelson	0	1
Boyle	0	1	Henderson	0	0	Nicholas	1	1
Bracken	0	0	Henry	0	1	Ohio	0	0
Breathitt	2	12	Hickman	0	0	Oldham	13	19
Breckinridge	1	3	Hopkins	0	0	Owen	0	0
Bullitt	23	35	Jackson	0	0	Owsley	2	9
Butler	0	2	Jefferson	91	149	Pendleton	0	0
Caldwell	0	0	Jessamine	0	1	Perry	60	155
Calloway	0	0	Johnson	0	0	Pike	8	49
Campbell	1	2	Kenton	0	4	Powell	0	0
Carlisle	0	0	Knott	10	65	Pulaski	0	1
Carroll	0	0	Knox	2	3	Robertson	0	0
Carter	0	0	Larue	1	1	Rockcastle	0	0
Casey	0	0	Laurel	0	0	Rowan	0	0
Christian	0	0	Lawrence	0	0	Russell	1	1
Clark	0	0	Lee	0	0	Scott	7	14
Clay	0	0	Leslie	8	69	Shelby	2	6
Clinton	0	1	Letcher	3	35	Simpson	1	3
Crittenden	0	0	Lewis	0	0	Spencer	2	5
Cumberland	0	0	Lincoln	0	0	Taylor	0	0
Daviess	0	1	Livingston	0	0	Todd	0	0
Edmonson	0	2	Logan	0	2	Trigg	1	1
Elliott	0	0	Lyon	0	0	Trimble	0	2
Estill	0	0	Madison	1	1	Union	0	1
Fayette	4	13	Magoffin	0	2	Warren	1	17
Fleming	0	0	Marion	0	0	Washington	0	0
Floyd	2	9	Marshall	1	3	Wayne	0	0
Franklin	10	13	Martin	0	2	Webster	0	0
Fulton	0	0	Mason	0	0	Whitley	0	0
Gallatin	0	0	McCracken	1	1	Wolfe	0	1
Garrard	0	1	McCreary	0	0	Woodford	0	2



Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 48
November 24, 2019 –
November 30, 2019

Current Influenza Activity Level: **REGIONAL**

Activity Level Range: No Activity Sporadic Local Regional Widespread

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326 Number of New Cases
Reported this Week

1,111 Number of Confirmed
Cases for 2019-2020
Influenza Season

Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
0	0

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

MMWR Week 48	Season Total
5 of 17 Regions	17 of 17 Regions

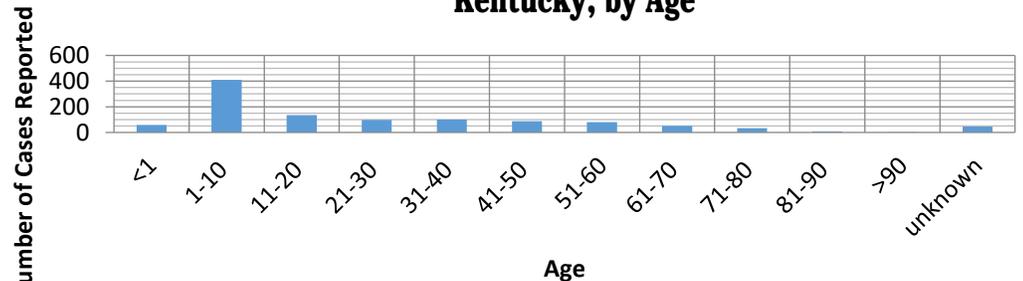
Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 48	Season Total
13 of 17 Regions	17 of 17 Regions

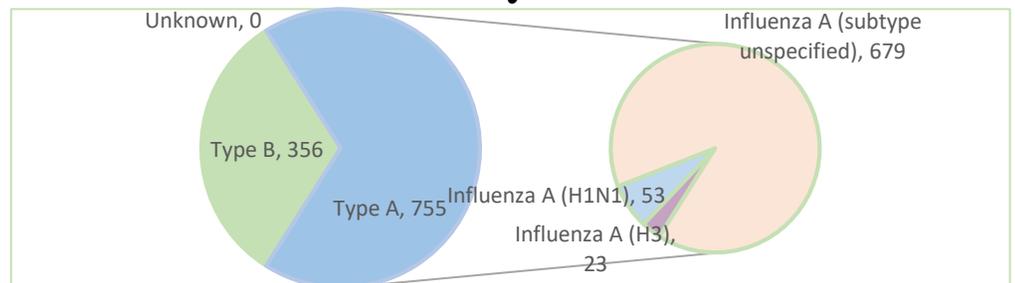
Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 48	Season Total
0 of 17 Regions	1 Outbreak

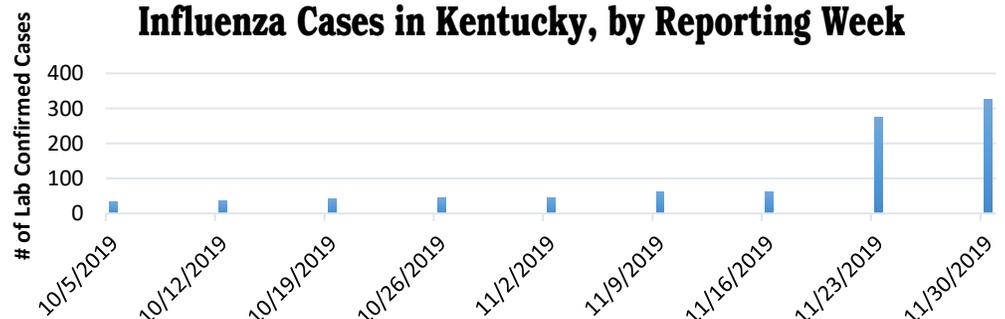
2019-2020 Total Laboratory *Confirmed Influenza Cases in Kentucky, by Age



Total 2019-2020 Influenza Virus Types Reported in Kentucky



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



MMWR Week 48: Total *Confirmed Influenza Cases by County

County	MMWR Week 48	2019-2020 Season Total	County	MMWR Week 48	2019-2020 Season Total	County	MMWR Week 48	2019-2020 Season Total
Adair	0	0	Grant	0	1	McLean	0	0
Allen	2	5	Graves	0	0	Meade	0	0
Anderson	0	3	Grayson	0	1	Menifee	0	0
Ballard	0	0	Green	0	0	Mercer	4	4
Barren	9	25	Greenup	0	0	Metcalfe	4	8
Bath	0	0	Hancock	0	0	Monroe	9	10
Bell	0	0	Hardin	1	12	Montgomery	0	1
Boone	0	4	Harlan	0	0	Morgan	0	0
Bourbon	0	13	Harrison	0	1	Muhlenberg	0	1
Boyd	0	0	Hart	2	10	Nelson	0	1
Boyle	0	0	Henderson	0	0	Nicholas	1	15
Bracken	0	0	Henry	0	1	Ohio	0	1
Breathitt	2	67	Hickman	0	0	Oldham	6	25
Breckinridge	7	10	Hopkins	0	0	Owen	0	0
Bullitt	27	62	Jackson	0	3	Owsley	1	156
Butler	1	3	Jefferson	120	269	Pendleton	0	0
Caldwell	0	0	Jessamine	0	1	Perry	60	61
Calloway	0	0	Johnson	0	2	Pike	14	15
Campbell	2	4	Kenton	0	4	Powell	0	1
Carlisle	0	0	Knott	12	12	Pulaski	1	2
Carroll	0	0	Knox	0	0	Robertson	0	0
Carter	0	0	Larue	0	1	Rockcastle	0	0
Casey	0	1	Laurel	2	2	Rowan	0	2
Christian	0	0	Lawrence	0	1	Russell	0	3
Clark	0	0	Lee	1	70	Scott	4	6
Clay	0	0	Leslie	9	44	Shelby	0	6
Clinton	0	0	Letcher	9	18	Simpson	2	19
Crittenden	0	0	Lewis	0	0	Spencer	0	5
Cumberland	0	1	Lincoln	0	1	Taylor	0	0
Daviess	0	0	Livingston	0	0	Todd	0	0
Edmonson	0	2	Logan	0	2	Trigg	0	1
Elliott	1	2	Lyon	0	0	Trimble	0	2
Estill	0	1	Madison	1	2	Union	0	0
Fayette	4	17	Magoffin	0	2	Warren	5	14
Fleming	0	0	Marion	0	0	Washington	0	0
Floyd	1	1	Marshall	0	3	Wayne	0	0
Franklin	0	0	Martin	0	49	Webster	0	12
Fulton	0	0	Mason	0	1	Whitley	1	3
Gallatin	0	0	McCracken	0	1	Wolfe	0	0
Garrard	0	0	McCreary	0	1	Woodford	1	1

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, [November 24 – November 30, 2019].