



# Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 06  
February 2, 2020 –  
February 8, 2020

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

**2,101** Number of New Cases  
Reported this Week

**17,203** Number of Confirmed  
Cases for 2019-2020  
Influenza Season

### Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
4	46

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

MMWR Week 06	Season Total
17 of 17 Regions	17 of 17 Regions

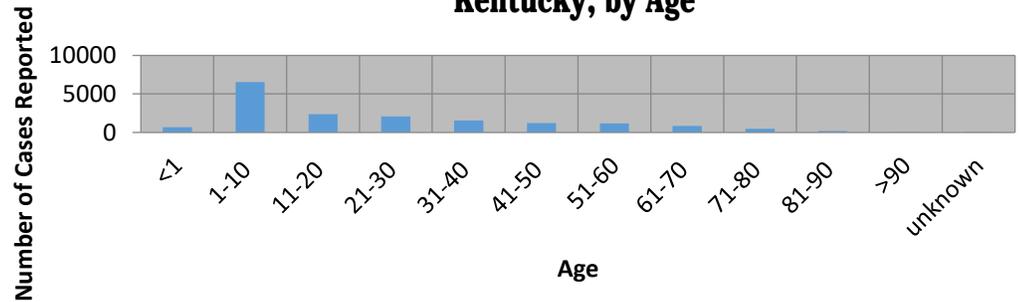
### Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 06	Season Total
17 of 17 Regions	17 of 17 Regions

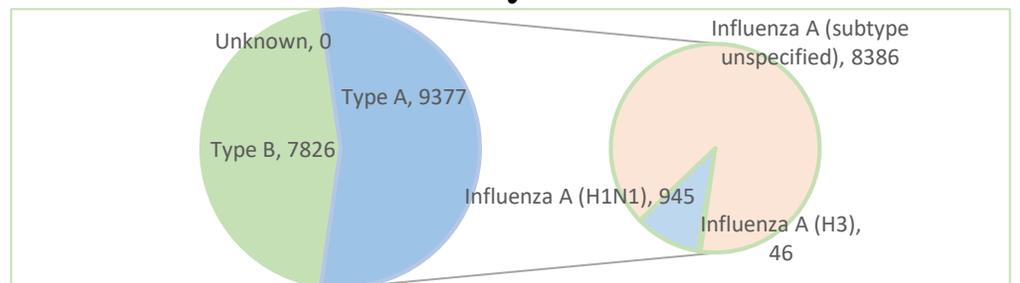
### Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 06	Season Total
4 of 17 Regions	26 Outbreaks

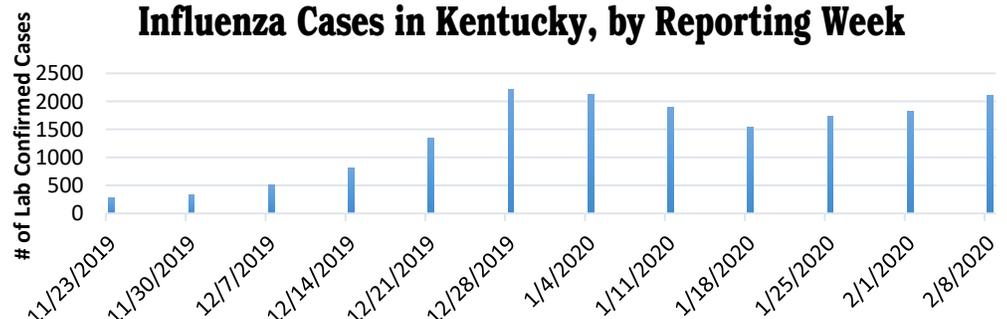
### 2019-2020 Total Laboratory \*Confirmed Influenza Cases in Kentucky, by Age



### Total 2019-2020 Influenza Virus Types Reported in Kentucky



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





# MMWR Week 06: Total \*Confirmed Influenza Cases by County

County	MMWR Week 06	2019-2020 Season Total	County	MMWR Week 06	2019-2020 Season Total	County	MMWR Week 06	2019-2020 Season Total
Adair	9	79	Grant	1	8	McLean	0	3
Allen	39	301	Graves	29	120	Meade	7	42
Anderson	11	42	Grayson	0	4	Menifee	1	12
Ballard	0	1	Green	1	5	Mercer	8	96
Barren	188	927	Greenup	59	211	Metcalfe	27	152
Bath	6	17	Hancock	0	0	Monroe	8	182
Bell	0	10	Hardin	67	221	Montgomery	2	15
Boone	3	26	Harlan	5	12	Morgan	0	9
Bourbon	1	15	Harrison	0	6	Muhlenberg	8	27
Boyd	6	45	Hart	30	179	Nelson	7	32
Boyle	22	186	Henderson	1	5	Nicholas	0	6
Bracken	0	1	Henry	15	92	Ohio	0	1
Breathitt	22	159	Hickman	0	6	Oldham	65	390
Breckinridge	11	74	Hopkins	6	22	Owen	0	5
Bullitt	105	754	Jackson	0	1	Owsley	1	41
Butler	2	31	Jefferson	548	6474	Pendleton	1	3
Caldwell	0	1	Jessamine	3	40	Perry	76	900
Calloway	0	0	Johnson	2	15	Pike	152	960
Campbell	2	37	Kenton	15	79	Powell	2	11
Carlisle	2	3	Knott	35	267	Pulaski	4	17
Carroll	0	19	Knox	38	85	Robertson	0	1
Carter	4	92	Larue	10	27	Rockcastle	1	2
Casey	3	16	Laurel	10	117	Rowan	13	45
Christian	3	23	Lawrence	0	7	Russell	1	6
Clark	4	46	Lee	6	47	Scott	2	63
Clay	0	6	Leslie	39	330	Shelby	7	178
Clinton	0	3	Letcher	26	236	Simpson	13	101
Crittenden	0	0	Lewis	2	6	Spencer	9	92
Cumberland	2	5	Lincoln	29	143	Taylor	0	8
Daviess	0	3	Livingston	0	1	Todd	0	1
Edmonson	4	26	Logan	8	35	Trigg	6	10
Elliott	0	4	Lyon	0	2	Trimble	2	12
Estill	0	2	Madison	8	94	Union	0	1
Fayette	59	405	Magoffin	6	14	Warren	56	640
Fleming	2	4	Marion	1	8	Washington	1	9
Floyd	5	155	Marshall	6	71	Wayne	0	0
Franklin	43	317	Martin	0	11	Webster	0	20
Fulton	0	9	Mason	0	0	Whitley	3	24
Gallatin	1	1	McCracken	1	13	Wolfe	4	53
Garrard	41	120	McCreary	4	20	Woodford	3	34

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, [February 2, 2020 - February 8, 2020].



# Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 07  
February 9, 2020 –  
February 15, 2020

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

**1,854** Number of New Cases  
Reported this Week

**19,057** Number of Confirmed  
Cases for 2019-2020  
Influenza Season

### Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
4	62

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

MMWR Week 07	Season Total
17 of 17 Regions	17 of 17 Regions

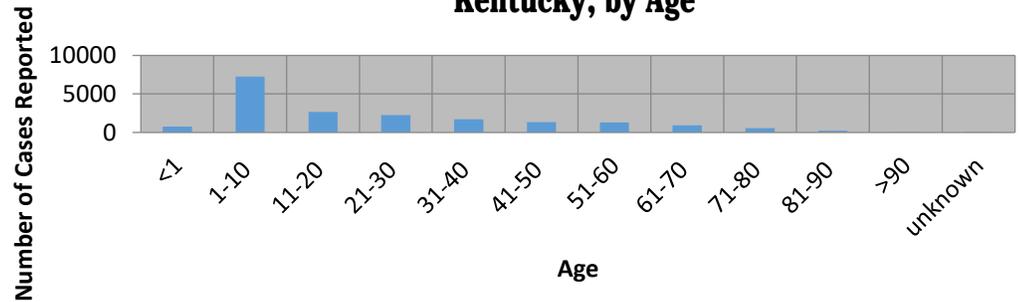
### Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 07	Season Total
17 of 17 Regions	17 of 17 Regions

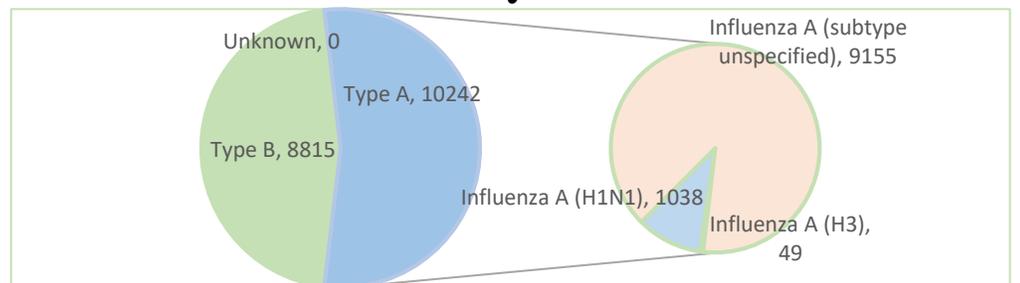
### Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 07	Season Total
6 of 17 Regions	33 Outbreaks

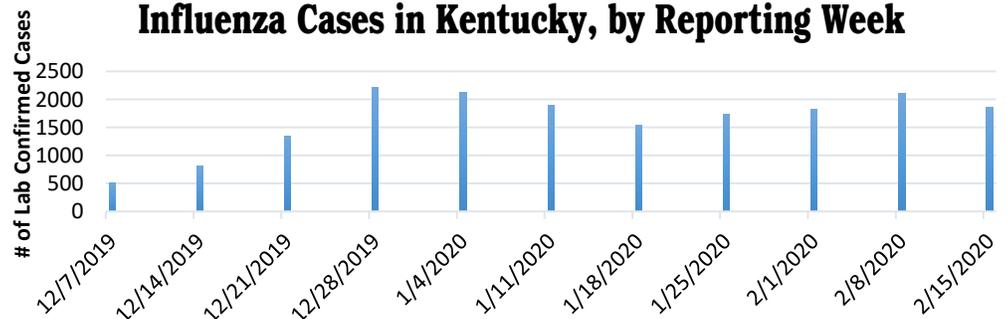
### 2019-2020 Total Laboratory \*Confirmed Influenza Cases in Kentucky, by Age



### Total 2019-2020 Influenza Virus Types Reported in Kentucky



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





# MMWR Week 07: Total \*Confirmed Influenza Cases by County

County	MMWR Week 07	2019-2020 Season Total	County	MMWR Week 07	2019-2020 Season Total	County	MMWR Week 07	2019-2020 Season Total
Adair	5	84	Grant	1	9	McLean	0	3
Allen	30	331	Graves	64	184	Meade	8	50
Anderson	16	58	Grayson	2	6	Menifee	0	12
Ballard	0	1	Green	4	9	Mercer	8	104
Barren	126	1053	Greenup	38	249	Metcalfe	26	178
Bath	0	17	Hancock	0	0	Monroe	6	188
Bell	0	10	Hardin	52	273	Montgomery	0	15
Boone	8	34	Harlan	7	19	Morgan	0	9
Bourbon	0	15	Harrison	0	6	Muhlenberg	5	32
Boyd	17	62	Hart	28	207	Nelson	2	34
Boyle	9	195	Henderson	1	6	Nicholas	0	6
Bracken	1	2	Henry	10	102	Ohio	0	1
Breathitt	50	209	Hickman	0	6	Oldham	63	453
Breckinridge	7	81	Hopkins	0	22	Owen	2	7
Bullitt	41	795	Jackson	1	2	Owsley	15	56
Butler	4	35	Jefferson	333	6807	Pendleton	1	4
Caldwell	3	4	Jessamine	5	45	Perry	108	1008
Calloway	0	0	Johnson	1	16	Pike	90	1050
Campbell	6	43	Kenton	10	89	Powell	0	11
Carlisle	0	3	Knott	55	322	Pulaski	1	18
Carroll	1	20	Knox	3	88	Robertson	0	1
Carter	77	169	Larue	8	35	Rockcastle	0	2
Casey	0	16	Laurel	10	127	Rowan	0	45
Christian	1	24	Lawrence	0	7	Russell	1	7
Clark	0	46	Lee	13	60	Scott	10	73
Clay	0	6	Leslie	26	356	Shelby	7	185
Clinton	0	3	Letcher	12	248	Simpson	9	110
Crittenden	0	0	Lewis	1	7	Spencer	6	98
Cumberland	5	10	Lincoln	23	166	Taylor	1	9
Daviess	1	4	Livingston	0	1	Todd	0	1
Edmonson	3	29	Logan	8	43	Trigg	0	10
Elliott	0	4	Lyon	4	6	Trimble	0	12
Estill	0	2	Madison	8	102	Union	0	1
Fayette	55	460	Magoffin	3	17	Warren	66	706
Fleming	0	4	Marion	1	9	Washington	3	12
Floyd	41	196	Marshall	7	78	Wayne	1	1
Franklin	91	408	Martin	16	27	Webster	4	24
Fulton	0	9	Mason	0	0	Whitley	2	26
Gallatin	1	2	McCracken	0	13	Wolfe	8	61
Garrard	31	151	McCreary	7	27	Woodford	9	43

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, [February 9, 2020 - February 15, 2020].



# Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 08  
February 16, 2020 –  
February 22, 2020

## 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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**1,943** Number of New Cases  
Reported this Week

**21,000** Number of Confirmed  
Cases for 2019-2020  
Influenza Season

### Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
4	76

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

MMWR Week 08	Season Total
17 of 17 Regions	17 of 17 Regions

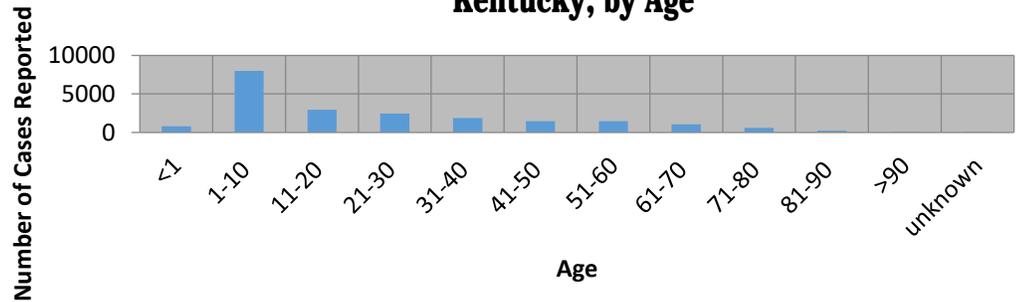
### Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 08	Season Total
16 of 17 Regions	17 of 17 Regions

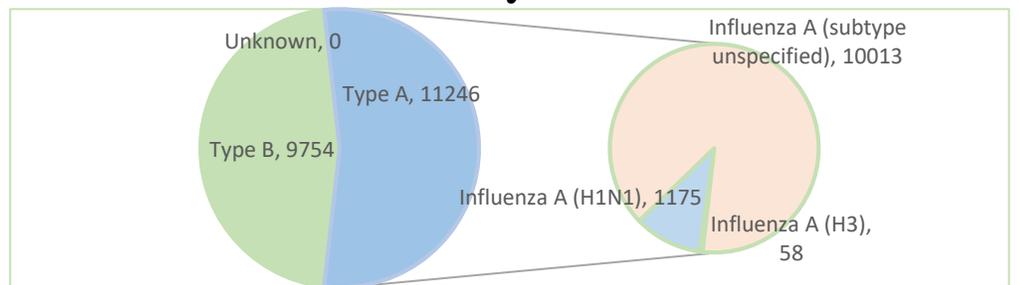
### Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 08	Season Total
1 of 17 Regions	33 Outbreaks

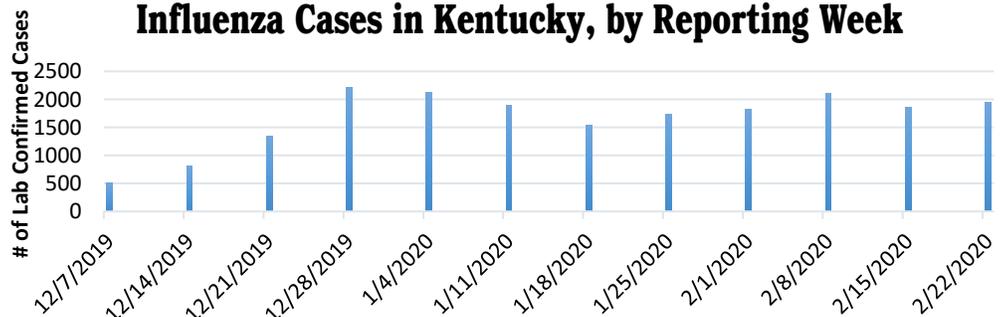
### 2019-2020 Total Laboratory \*Confirmed Influenza Cases in Kentucky, by Age



### Total 2019-2020 Influenza Virus Types Reported in Kentucky



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





# MMWR Week 08: Total \*Confirmed Influenza Cases by County

County	MMWR Week 08	2019-2020 Season Total	County	MMWR Week 08	2019-2020 Season Total	County	MMWR Week 08	2019-2020 Season Total
Adair	4	88	Grant	2	11	McLean	0	3
Allen	13	344	Graves	0	184	Meade	1	51
Anderson	14	72	Grayson	0	6	Menifee	0	12
Ballard	0	1	Green	0	9	Mercer	12	116
Barren	94	1147	Greenup	47	296	Metcalfe	29	207
Bath	6	23	Hancock	0	0	Monroe	20	208
Bell	0	10	Hardin	44	317	Montgomery	25	40
Boone	0	34	Harlan	11	30	Morgan	0	9
Bourbon	3	18	Harrison	3	9	Muhlenberg	8	40
Boyd	22	84	Hart	35	242	Nelson	1	35
Boyle	9	204	Henderson	0	6	Nicholas	0	6
Bracken	0	2	Henry	18	120	Ohio	0	1
Breathitt	18	227	Hickman	0	6	Oldham	55	508
Breckinridge	10	91	Hopkins	5	27	Owen	2	9
Bullitt	47	842	Jackson	0	2	Owsley	6	62
Butler	1	36	Jefferson	679	7486	Pendleton	0	4
Caldwell	3	7	Jessamine	6	51	Perry	48	1056
Calloway	1	1	Johnson	1	17	Pike	61	1111
Campbell	0	43	Kenton	5	94	Powell	8	19
Carlisle	1	4	Knott	52	374	Pulaski	2	20
Carroll	0	20	Knox	37	125	Robertson	0	1
Carter	25	194	Larue	2	37	Rockcastle	0	2
Casey	2	18	Laurel	5	132	Rowan	0	45
Christian	0	24	Lawrence	1	8	Russell	2	9
Clark	30	76	Lee	10	70	Scott	7	80
Clay	1	7	Leslie	21	377	Shelby	8	193
Clinton	0	3	Letcher	21	269	Simpson	7	117
Crittenden	0	0	Lewis	0	7	Spencer	18	116
Cumberland	0	10	Lincoln	9	175	Taylor	0	9
Daviess	0	4	Livingston	5	6	Todd	0	1
Edmonson	2	31	Logan	4	47	Trigg	2	12
Elliott	0	4	Lyon	1	7	Trimble	5	17
Estill	0	2	Madison	6	108	Union	0	1
Fayette	53	513	Magoffin	0	17	Warren	55	761
Fleming	0	4	Marion	2	11	Washington	1	13
Floyd	52	248	Marshall	4	82	Wayne	0	1
Franklin	49	457	Martin	20	47	Webster	0	24
Fulton	1	10	Mason	0	0	Whitley	0	26
Gallatin	1	3	McCracken	8	21	Wolfe	4	65
Garrard	24	175	McCreary	3	30	Woodford	3	46

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 Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, [February 16, 2020 - February 22, 2020].



# Kentucky Department for Public Health Weekly Influenza Surveillance Report

MMWR Week 09  
February 23, 2020 –  
February 29, 2020

## 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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**1,591** Number of New Cases  
Reported this Week

**22,591** Number of Confirmed  
Cases for 2019-2020  
Influenza Season

### Total Deaths Reported for 2019-2020 Influenza Season

Under 18 Years	18 Years & Older
4	81

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

MMWR Week 09	Season Total
11 of 17 Regions	17 of 17 Regions

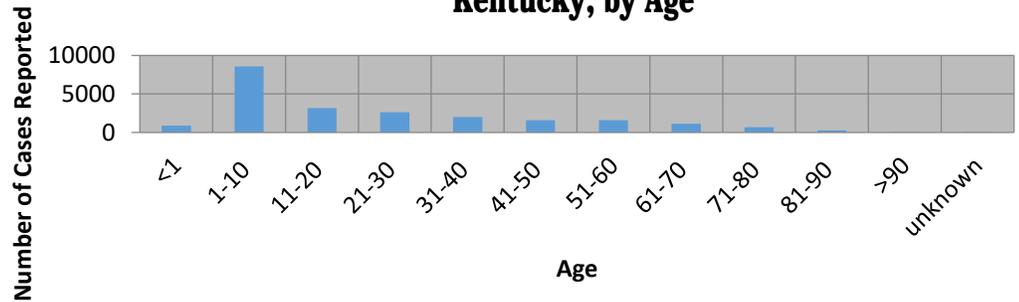
### Number of Regions with Confirmed Flu Cases for 2019-2020 Influenza Season

MMWR Week 09	Season Total
17 of 17 Regions	17 of 17 Regions

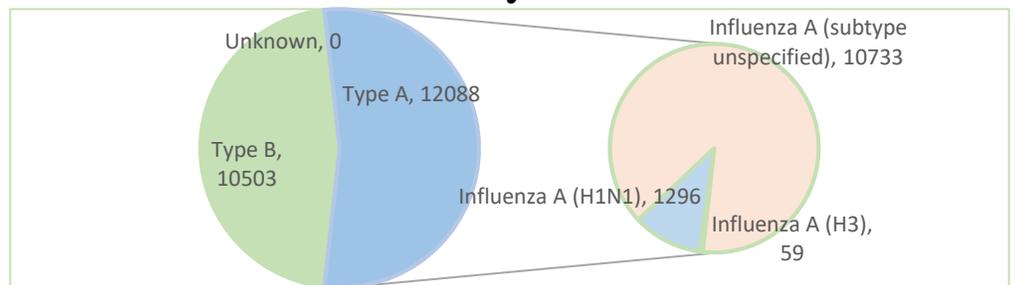
### Number of Long-Term Care Facility Outbreaks for 2019-2020 Influenza Season

MMWR Week 09	Season Total
3 of 17 Regions	36 Outbreaks

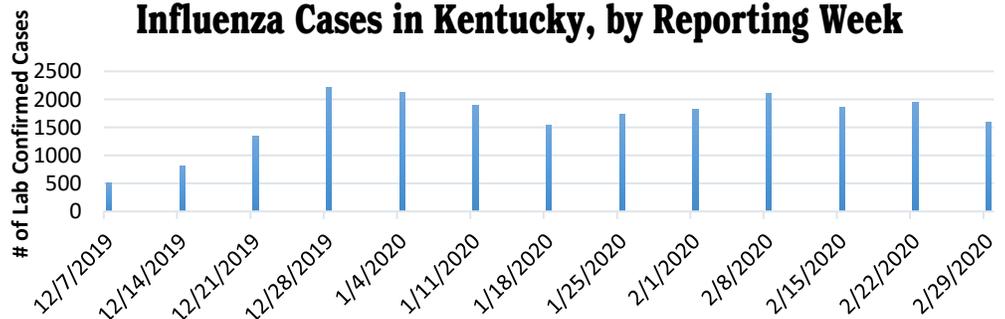
### 2019-2020 Total Laboratory \*Confirmed Influenza Cases in Kentucky, by Age



### Total 2019-2020 Influenza Virus Types Reported in Kentucky



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





# MMWR Week 09: Total \*Confirmed Influenza Cases by County

County	MMWR Week 09	2019-2020 Season Total	County	MMWR Week 09	2019-2020 Season Total	County	MMWR Week 09	2019-2020 Season Total
Adair	2	90	Grant	2	13	McLean	1	4
Allen	13	357	Graves	26	210	Meade	0	51
Anderson	6	78	Grayson	0	6	Menifee	0	12
Ballard	1	2	Green	3	12	Mercer	11	127
Barren	107	1254	Greenup	42	338	Metcalfe	23	230
Bath	1	24	Hancock	0	0	Monroe	9	217
Bell	0	10	Hardin	49	366	Montgomery	0	40
Boone	7	41	Harlan	0	30	Morgan	1	10
Bourbon	2	20	Harrison	2	11	Muhlenberg	0	40
Boyd	25	109	Hart	20	262	Nelson	7	42
Boyle	9	213	Henderson	0	6	Nicholas	0	6
Bracken	1	3	Henry	10	130	Ohio	0	1
Breathitt	10	237	Hickman	0	6	Oldham	26	534
Breckinridge	4	95	Hopkins	10	37	Owen	1	10
Bullitt	71	913	Jackson	1	3	Owsley	1	63
Butler	2	38	Jefferson	278	7764	Pendleton	0	4
Caldwell	1	8	Jessamine	2	53	Perry	79	1135
Calloway	0	1	Johnson	4	21	Pike	84	1195
Campbell	3	46	Kenton	7	101	Powell	0	19
Carlisle	0	4	Knott	52	426	Pulaski	1	21
Carroll	1	21	Knox	37	162	Robertson	0	1
Carter	41	235	Larue	12	49	Rockcastle	0	2
Casey	4	22	Laurel	8	140	Rowan	10	55
Christian	1	25	Lawrence	1	9	Russell	1	10
Clark	3	79	Lee	2	72	Scott	6	86
Clay	0	7	Leslie	15	392	Shelby	6	199
Clinton	0	3	Letcher	24	293	Simpson	7	124
Crittenden	0	0	Lewis	1	8	Spencer	3	119
Cumberland	0	10	Lincoln	5	180	Taylor	0	9
Daviess	0	4	Livingston	0	6	Todd	0	1
Edmonson	7	38	Logan	5	52	Trigg	2	14
Elliott	0	4	Lyon	1	8	Trimble	2	19
Estill	0	2	Madison	16	124	Union	1	2
Fayette	78	591	Magoffin	0	17	Warren	55	816
Fleming	1	5	Marion	0	11	Washington	4	17
Floyd	59	307	Marshall	14	96	Wayne	2	3
Franklin	91	548	Martin	2	49	Webster	1	25
Fulton	1	11	Mason	0	0	Whitley	3	29
Gallatin	0	3	McCracken	3	24	Wolfe	3	68
Garrard	28	203	McCreary	1	31	Woodford	6	52

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