



# Clark County Seasonal Flu Activity Report MMWR Week 52 12/22/2019 – 12/28/2019

**Clark County Influenza-Associated Hospitalizations and ED Visits Report**  
2019 MMWR Week 40 ended on 10/5/2019. This is considered the beginning of “flu season.”

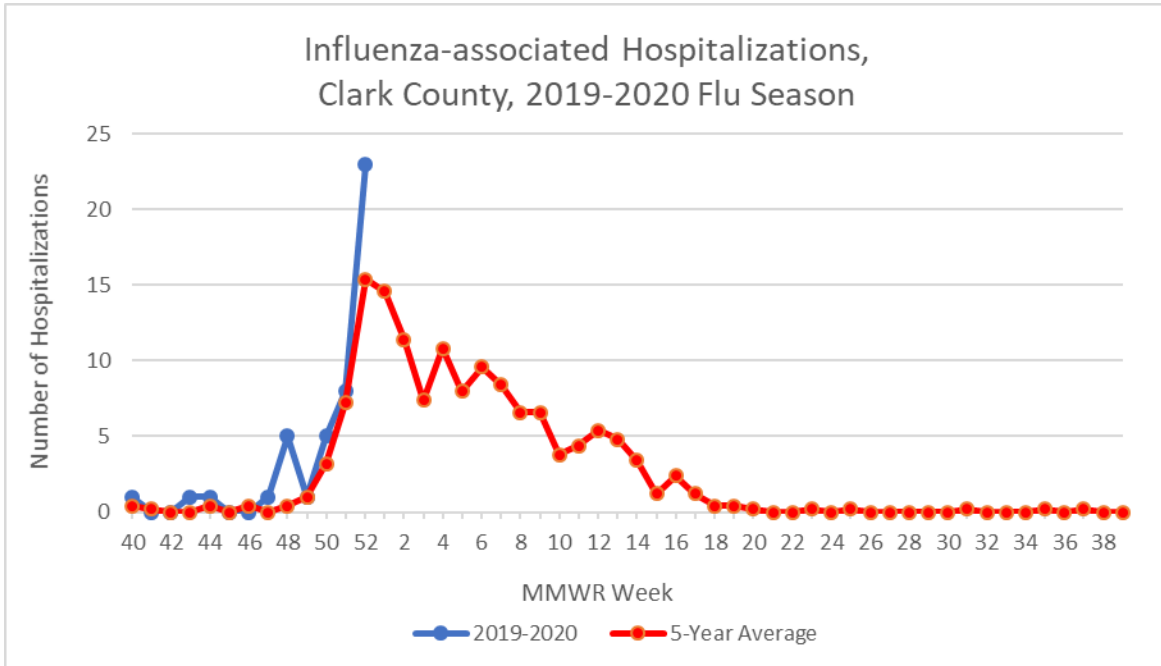


Figure 1: Influenza-associated Hospitalizations in Clark County, OH; 2019-2020 flu season compared to 5-year average. Data queried from Ohio Disease Reporting System (ODRS) Data Extract on 1/3/2020. These are preliminary numbers and may change based on updated ODRS data.

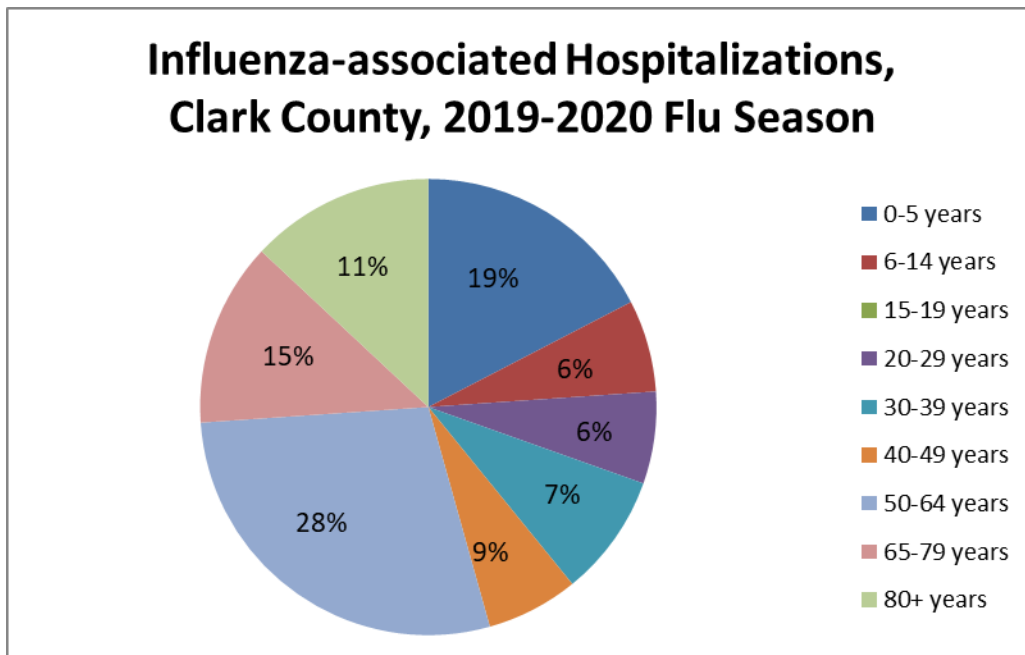


Figure 2: Confirmed Influenza-Associated Hospitalizations in Clark County, by age group. MMWR Weeks 40 – 52 (Sep. 29, 2019 – December 28, 2019). Data queried from ODRS Data extract on 1/3/2020.



# Clark County Seasonal Flu Activity Report

MMWR Week 52  
12/22/2019 - 12/28/2019

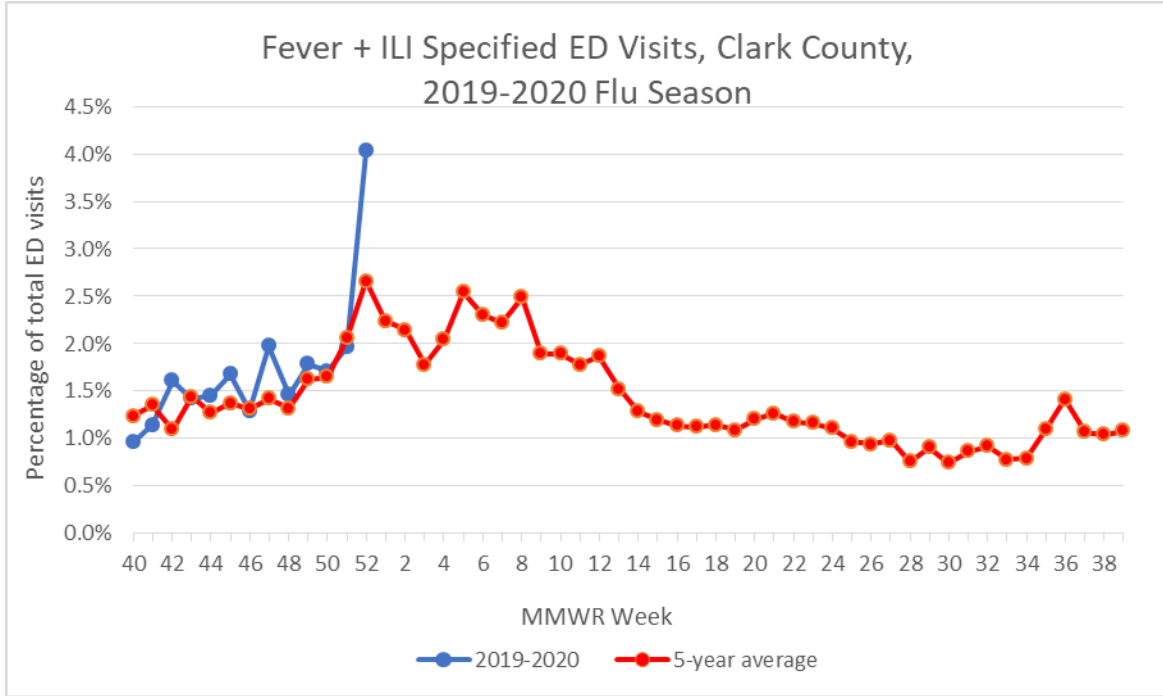


Figure 3: Percentage Fever and Influenza-Like-Illness (ILI) Specified ED Visits in Clark County, OH, compared to 5-year average. Data queried from EpiCenter Syndromic Surveillance System on 1/3/2020.

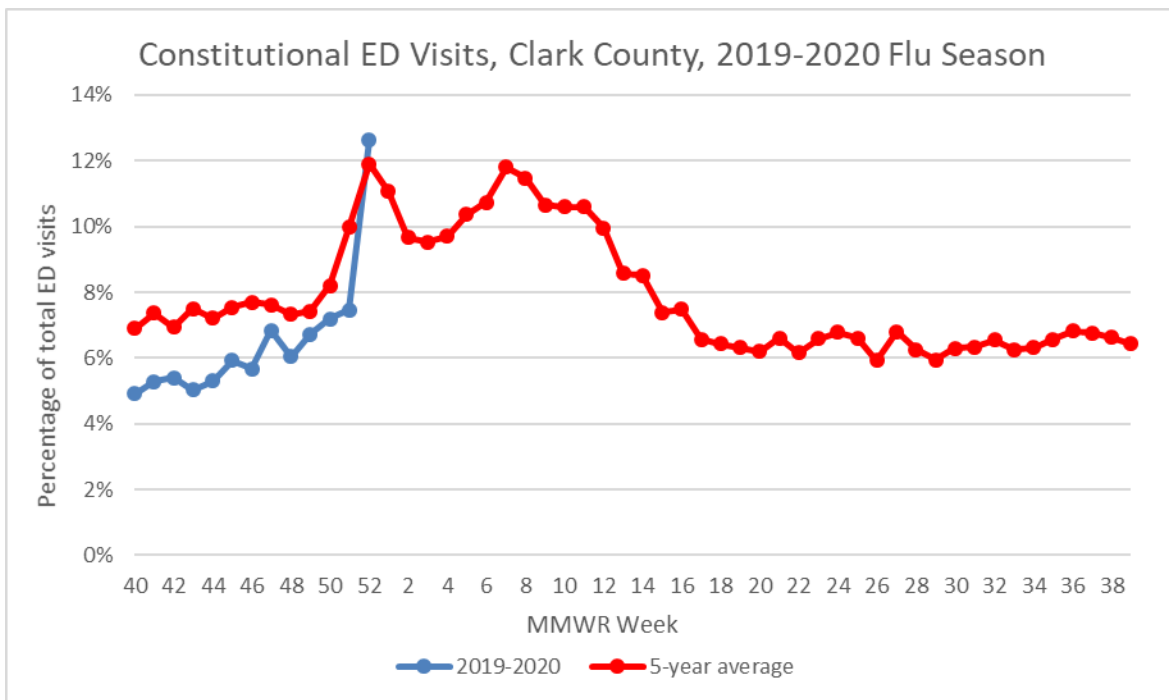


Figure 4: Percentage Constitutional ED Visits in Clark County, OH, compared to 5-year average. Data queried from EpiCenter Syndromic Surveillance System on 12/20/2019.



## Clark County Seasonal Flu Activity Report MMWR Week 52 12/22/2019 – 12/28/2019

### Regional Influenza Report: MMWR Week 52 12/22/2019 – 12/28/2019

West Central Ohio Region (Week 52) – Influenza hospitalizations are elevated; there were 173 hospitalizations during week 52 (a 56% increase). Sixty-two percent (62%) of regional influenza-associated hospitalizations occurred in individuals 5-64 years this flu season. Overall, regional influenza activity is elevated and continues to increase.

#### Ohio (Week 52): Current Activity Level – Widespread

Increased ILI in at least half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the state. The Ohio Department of Health (ODH) has reported the following positive results from flu specimens sent to the ODH laboratory (through 12/28/19): (150) Total [subtyped] positives; (44) A/pdmH1N1; (15) A/H3N2; (91) Influenza B. ODH reported 1,003 influenza-associated hospitalizations so far during the 2019-2020 flu season (387 hospitalizations in week 52, 79% increase from last week).

0 pediatric influenza-associated mortalities have been reported during the 2019-2020 season (through 12/28/2019).

No novel influenza A virus infections have been reported during the 2019-2020 season (through 12/28/2019).

National (Week 52) – Nationally, seasonal influenza activity continues to rise. Activity is mostly being caused by influenza B/Victoria viruses, which is unusual this early in the season. Forty-six of 54 jurisdictions (all 50 states, the District of Columbia, Guam, Puerto Rico, and U.S. Virgin Islands) reported widespread influenza activity (see map). H1N1pdm09 (30.2%), H3N2 (8.5%), Influenza B (59.2%), and not subtyped flu A (2.1%) have accounted for 10,034 positive flu specimens tested by public health laboratories this season (through week 52).

*The regional influenza report includes positive influenza cases from healthcare facilities in Auglaize, Champaign, Clark, Darke, Greene, Miami, Montgomery, Preble, Shelby, and Warren counties.*

*Table 1: Influenza-associated Hospitalizations in the West Central Ohio Region. Data queried from the Ohio Disease Reporting System (ODRS) by Kyle Wallace, Epidemiologist, Dayton & Montgomery County.*

MMWR Week	40-49*	50*	51*	52*	2019-2020 Flu Season Total as of 1/3/20
Week Ending	12/7/19	12/14/19	12/21/19	12/28/19	
Auglaize	4	0	1	0	5
Butler	8	8	8	13	37
Champaign	1	1	2	2	6
Clark	10	5	8	23	46
Darke	3	5	3	0	11
Greene	11	3	10	15	39
Miami	1	4	3	5	13
Montgomery	56	39	61	111	267
Preble	1	1	3	1	6
Shelby	4	0	0	0	4
Warren	21	2	12	3	38
<b>Total</b>	<b>120</b>	<b>68</b>	<b>111</b>	<b>173</b>	<b>472</b>

\*Numbers may change based on updated ODRS data.

Table 2: Weekly Regional Outpatient Influenza Cases. Data queried by Kyle Wallace, Epidemiologist, Dayton & Montgomery County.

MMWR Week	Week Ending	Influenza A	Influenza B	ILI* Reports (Sentinel Providers)	Weekly Total
40-49	12/7/19	259	81	26	366
50	12/14/19	215	124	24	363
51**	12/21/19	142	163	31	336
52	12/28/19	645	822	42	1,509
<b>Season Total</b>	NA	<b>1,261</b>	<b>1,190</b>	<b>123</b>	<b>2,574</b>

\*Influenza-like Illness (ILI)

\*\*Note. Week 51 data are incomplete. Dayton Children's Hospital did not submit outpatient data for this week – true case counts were likely higher.