



Butler County General Health District  
Seasonal Influenza Activity Report  
MMWR Week 11  
3/10/2019 – 3/16/2019

**Weekly Influenza Activity Summary:**

**Butler County (MMWR Week 11, ending in 3/16/19):** The number of influenza-associated hospitalizations increased from week 10 to week 11 and week 11's total of 33 influenza related hospitalizations is still more than the three-year average of 13.7 for the same MMWR week. See Figure 1. Of the 221 influenza-associated hospitalizations thus far in the 2018-2019 flu season, over half have occurred in individuals < 5 years of age or > 65 years of age. Overall, influenza hospitalization activity in Butler County continues to steadily occur but appears to be less than the activity for the 2017-2018 flu season. However, the incidence of disease is clearly trending upwards over the past several weeks. See Figure 1.

**Confirmed Influenza-associated Hospitalizations,  
Butler County Residents, 2018-2019 Influenza Season**

Table 1.* Influenza-associated Hospitalizations, Butler County Residents, 2018-2019 Influenza Season			
MMWR Week	Week Ending	Weekly Total	
40	10/6/18	1	
41	10/13/18	1	
42	10/20/18	0	
43	10/27/18	0	
44	11/3/18	1	
45	11/10/18	0	
46	11/17/18	0	
47	11/24/18	0	
48	12/1/18	2	
49	12/8/18	3	
50	12/15/18	3	
51	12/22/18	1	
52	12/29/18	1	
1	1/5/19	6	
2	1/12/19	17	
3	1/19/19	6	
4	1/26/19	6	
5	2/2/19	11	
6	2/9/19	10	
7	2/16/19	25	
8	2/23/19	19	
9	3/2/19	36	
10	3/9/19	33	
11	3/16/19	39	
<b>Season Total (thus far):</b>	As of 3/16/19	<b>221</b>	

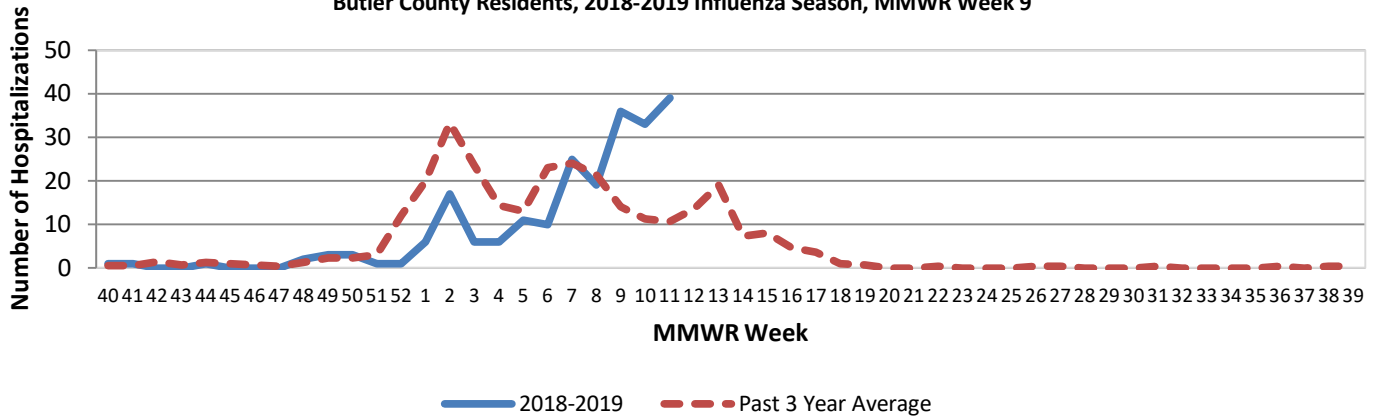
\*Data is provisional- Butler County influenza-associated hospitalization cases are included in counts for Tables 1 and 2 and are subject to change due to delays in reporting. Report reflects time period of 9/30/18 – 3/16/19 (MMWR Week 40 of 2018 to Week 11 of 2019). Data accessed from the Ohio Disease Reporting System (ODRS) on 3/20/19.

Table 2.* Influenza-associated Hospitalization Trend from Previous Week, Butler County Residents, 2018-2019 Influenza Season			
Surveillance Data	# in Current Week	% Change (from previous week)	Trend
Influenza Hospitalizations	39	18%	

Percent change not calculated for small numbers  
Dash (-) indicates no change

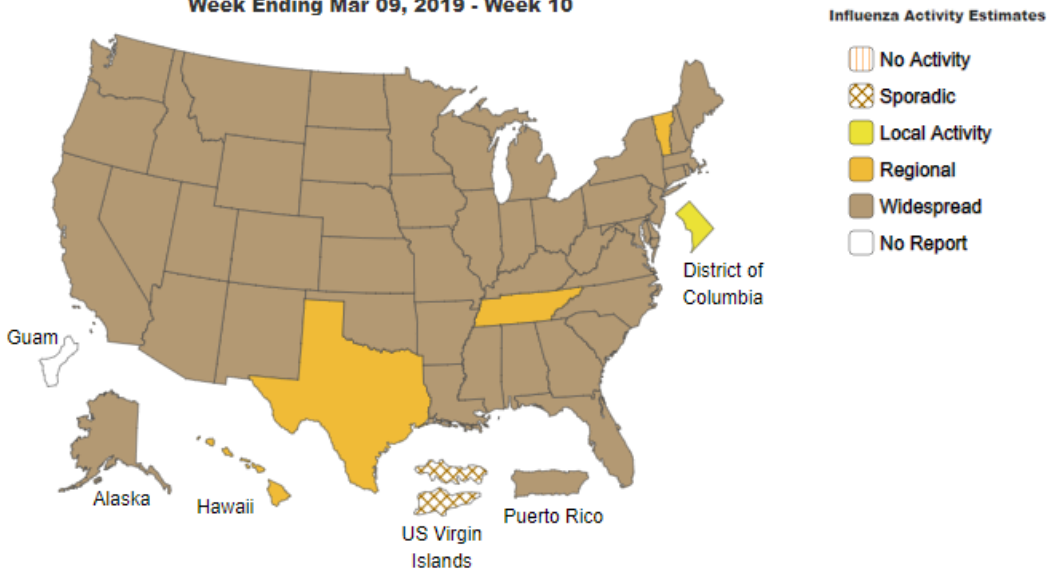
## Butler County Weekly Surveillance

**Figure 1. Confirmed Influenza-Associated Hospitalizations by MMWR Week with Past 3-Year Baseline Average; Butler County Residents, 2018-2019 Influenza Season, MMWR Week 9**



**A Weekly Influenza Surveillance Report Prepared by the Influenza Division**  
**Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\***

Week Ending Mar 09, 2019 - Week 10



\*This map indicates geographic spread and does not measure the severity of influenza activity.

National Influenza Activity Summary <http://www.cdc.gov/flu/weekly/fluactivitysurv.htm>

Note: Flu View map updated 1 week late due to delays in data reporting to the CDC.

### Sources of Influenza Surveillance Data

**Influenza-associated Hospitalizations (ODRS):** Influenza-associated hospitalizations are reported to local health departments for entry into the Ohio Disease Reporting System (ODRS). Hospitalizations can be used as an indicator of the severity of illness during a particular influenza season. This condition became reportable in 2009.

For further information or questions, please contact:  
 Butler County General Health District, 513-863-1770 <http://health.bcohoio.us>