

# Influenza Situation Report

## 2017-2018 Seasonal Influenza Week 4

### (Jan 21 2018 – Jan 27 2018)

Marion County Public Health Department, IN 2018-02-05

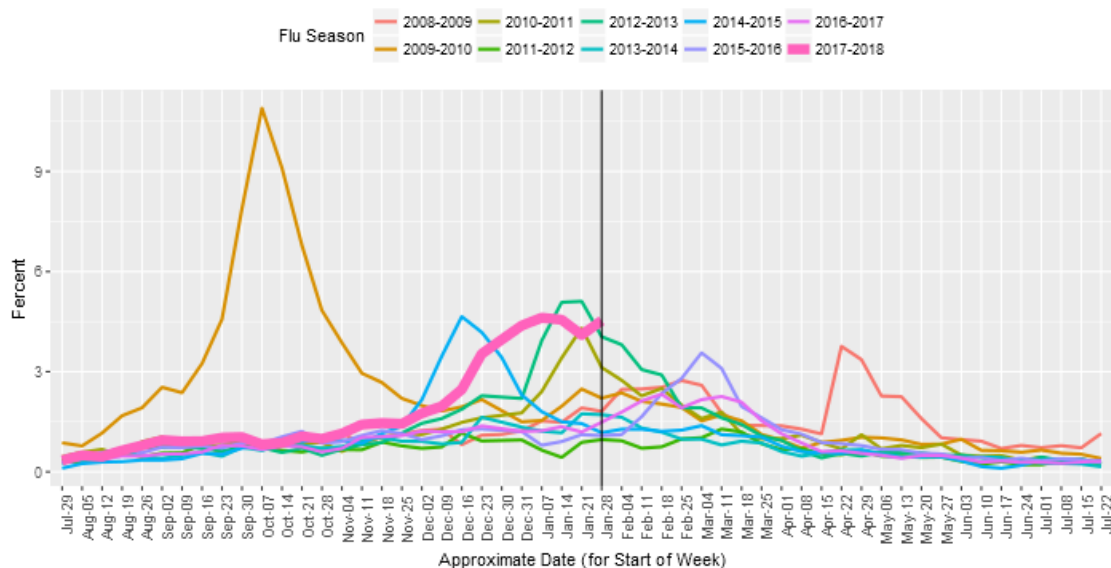
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### Updates on Most Recent Local Activity: Week 5 (Jan 28 – Feb 03)

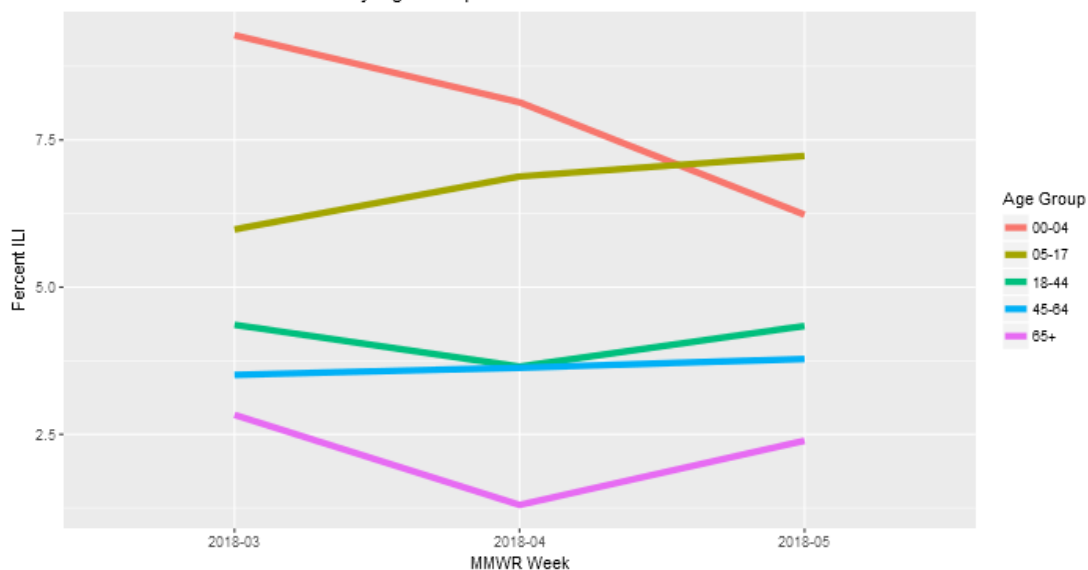
- The percentage of ED visits last week (Week 5) that were related to ILI was 4.53%. This is high and is elevated for this time of year.
- There have been 13 influenza-associated deaths for Marion County residents this flu season.
- In Marion County hospitals' ED population, ILI was most common in the 5-17 age group. Among ED visits by 5-17 year olds, 7.23% were for ILI. ILI among ED visits by 0-4 year olds was next highest, at 6.23%.

Percent of ILI related ED Visits



DR1202 Harold Gil MCPHD EPI ([epidemiology@marionhealth.org](mailto:epidemiology@marionhealth.org)) Data Source: ISDH ESSENCE 2018-02-05

Percent of ILI related ED Visits by Age Group



DR1202 Harold Gil MCPHD EPI ([epidemiology@marionhealth.org](mailto:epidemiology@marionhealth.org)) Data Source: ISDH ESSENCE 2018-02-05

**Note:** ILI (Influenza-Like Illness) visit means that the patient reported fever with cough or sore throat, or used the word "flu" or "influenza" to describe either their symptoms or their reason for the ED (Emergency Department) visit.

**Low:** Less than 1%; **Moderate:** 1% - 1.99%; **High:**  $\geq 2\%$

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#### Local (Week 4)

- The percentage of ILI related ED visits was 4.10% (high).
- Children age 0-4 had the highest age-specific percent ILI (8.14%).

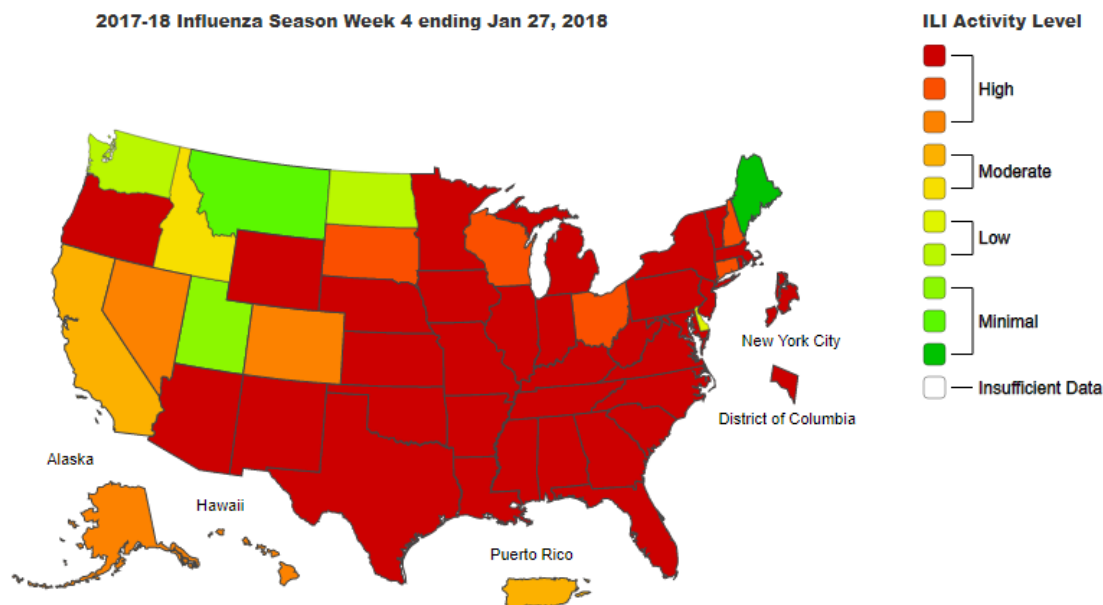
#### Indiana (Week 4)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%204-2017-2018.pdf>

- Indiana is experiencing widespread and high activity. For Week 4, ISDH reports 7.81% ILI at sentinel provider sites and 5.90% ILI ED visits. This is an increase in sentinel sites and an increase in EDs.
- The total number of mortalities in Indiana this flu season is 136.
- For Week 4 and among samples tested at the state lab: 80 specimens tested positive for Influenza A/H3 seasonal virus, 10 specimen tested positive for A/H1N1pdm virus, and 14 specimen tested positive for Influenza B seasonal virus.

#### National (Week 4)

<https://www.cdc.gov/flu/weekly/index.htm>



- During Week 4, influenza activity increased in the United States, and the majority states were reporting high and widespread influenza activity. In addition, during Week 4, 7.1% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This was higher than Week 3 (6.6%).
- 53 influenza-associated pediatric deaths have been reported to CDC this flu season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 4 was Influenza A(H3). The percentage of respiratory specimens testing positive for influenza in clinical laboratories remained elevated. The positive specimens by type were Influenza A (76.4%) and Influenza B (23.6%).

**Note:** ILI (Influenza-Like Illness) visit means that the patient reported fever with cough or sore throat, or used the word "flu" or "influenza" to describe either their symptoms or their reason for the ED (Emergency Department) visit.

**Low:** Less than 1%; **Moderate:** 1% - 1.99%; **High:** ≥ 2%