

Influenza Situation Report

2014-2015 Seasonal Influenza Week 52

(Dec 21– Dec 27, 2014)

Marion County Public Health Department, IN 2014-01-02,

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Updates on Most Recent Local Activity: Current Week (Week 53, Dec 28 – Jan 03)

- The percent and count of influenza-like illness (ILI) at Marion County hospitals for this current and incomplete week (Week 53) is 3.5% and 205, respectively. Note: We are missing a substantial amount of data from a few Marion County hospitals for this week.

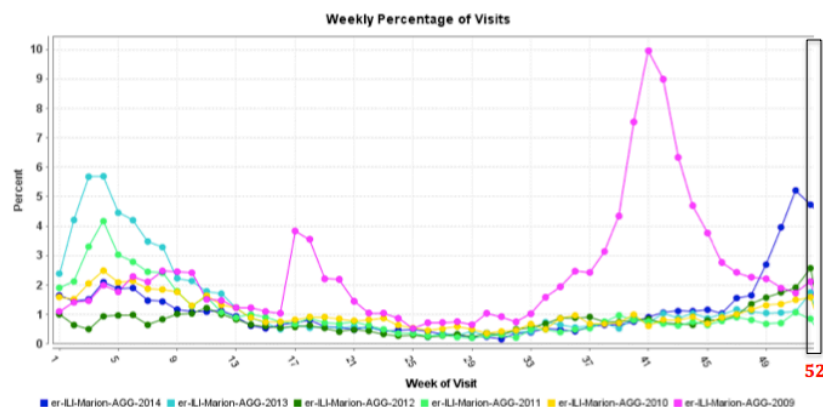
Local (Week 52)

http://www.mchd.com/FLU/Flu_edv.htm

- The percent and count of ED visits with a chief complaint of ILI at Marion County hospitals is 4.1% and 551 of all ED visits, respectively.
- At Marion County hospitals, children in the age range 0-4 have the highest age-specific percent ILI (5.5%), followed by children of age 5-17 (6.2%).

Emergency Department Visits for Influenza-Like Illness

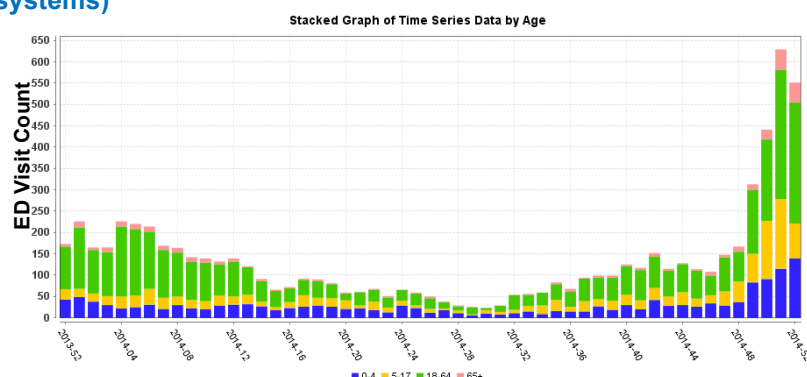
Figure 1. Percent Influenza-like Illness of all ED Visits for Marion County residents, Current Year and Previous Seasons



Data Source: ISDH Public Health Surveillance System, MCHD Epidemiology DR1202

Age Group (years)	Week 52 %ILI	Week 48-51 Average %ILI (Avg.)
0-4	7.7%	5.5%
5-17	6.2%	6.5%
18-64	3.5%	2.3%
65+	2.1%	1.3%
Aggregate	4.1%	3.1%

Figure 2. Weekly Count of ILI ED Visits at Marion County hospitals, by Age Group (Only includes currently contributing hospital systems)



Data Source: ISDH Public Health Surveillance System, MCHD Epidemiology

Table 4. Age group specific percent of ILI ED Visits at Marion

Figure 1 represents the percent of all ED visits at Marion County hospitals that were categorized as influenza-like illness. The overall percent ILI for Week 52 is 4.1% (a decrease from last week).

ILI visit means that the patient reported fever with cough or sore throat, or used the word "flu" to describe either their symptoms or their reason for the ED visit.

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Indiana (Week 52)

- ISDH has not yet released its weekly flu report for Week 52..

National (Week 52)

- CDC has not yet released its weekly flu report for Week 52.

Parotitis and Respiratory Viruses

- Marion County physicians are reporting an unusually high number of cases in which influenza A has been complicated by parotitis (previously known to be a rare event). Dr. John Christenson, Professor of Clinical Pediatrics at the Riley Hospital for Children at IU Health, recommends RVP-PCR be carried out for such patients. It has also been noticed that many of these patients should be tested for mumps, for which a PCR can be carried out using a buccal swab specimen.

CDC Health Advisory

<http://emergency.cdc.gov/han/han00374.asp>

- Influenza viral characterization data indicates significant antigenic drift of circulating Influenza A (H3N2) in the U.S. population from the 2014-2015 Influenza A (H3N2) vaccine component.
- "CDC is reminding clinicians of the benefits of influenza antiviral medications and urging continued influenza vaccination of unvaccinated patients this influenza season."