



Indiana State Department of Health

WEEKLY INFLUENZA REPORT

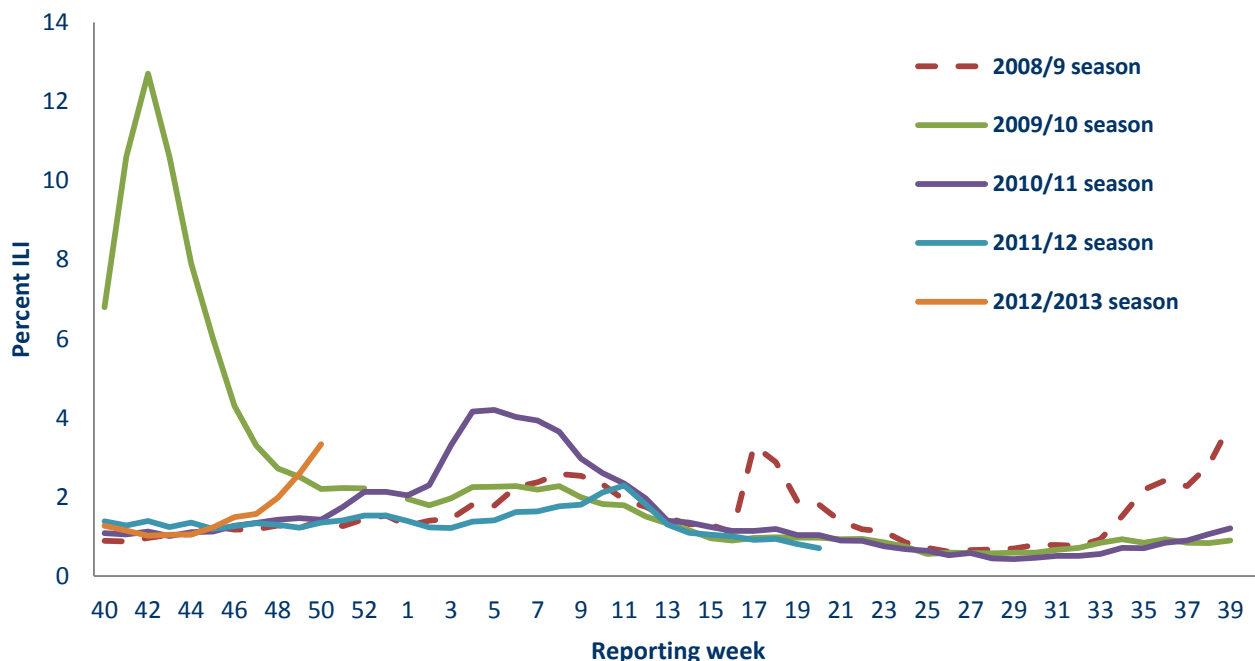
Data as of Wednesday, December 27, 2012

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report. For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

Key Points:

- The current percentage of ILI reported by the emergency department surveillance (ED) system (3.33 %) and the sentinel surveillance system (3.95%).
- During week 51, 86% (80/93) specimens were positive for influenza. Seventy seven were positive influenza A H3 and three were positive 2009 A/H1N1 pdm, and 2 were influenza B.
- Other viruses circulating identified since October 1, 2012 by the ISDH lab were Adenovirus, Enterovirus NOS, Parainfluenza 1, Parainfluenza 2 and Parainfluenza 3 virus, and RSV.
- Four influenza-associated deaths were officially reported this week. Indiana has reported five influenza death for the 2012/2013 season.
- During week 51, 1 Indiana school (K-12) reported that their absenteeism rate was 20% or higher.

Percent of patients who presented at an emergency department (ED) with a chief complaint relating to influenza-like illness – Indiana, 20011/12 & 2010/2009, 2009/10, 2008/9 seasons (EDs currently reporting = 113)



*Data obtained from the ISDH Public Health Emergency Surveillance System (PHESS). s

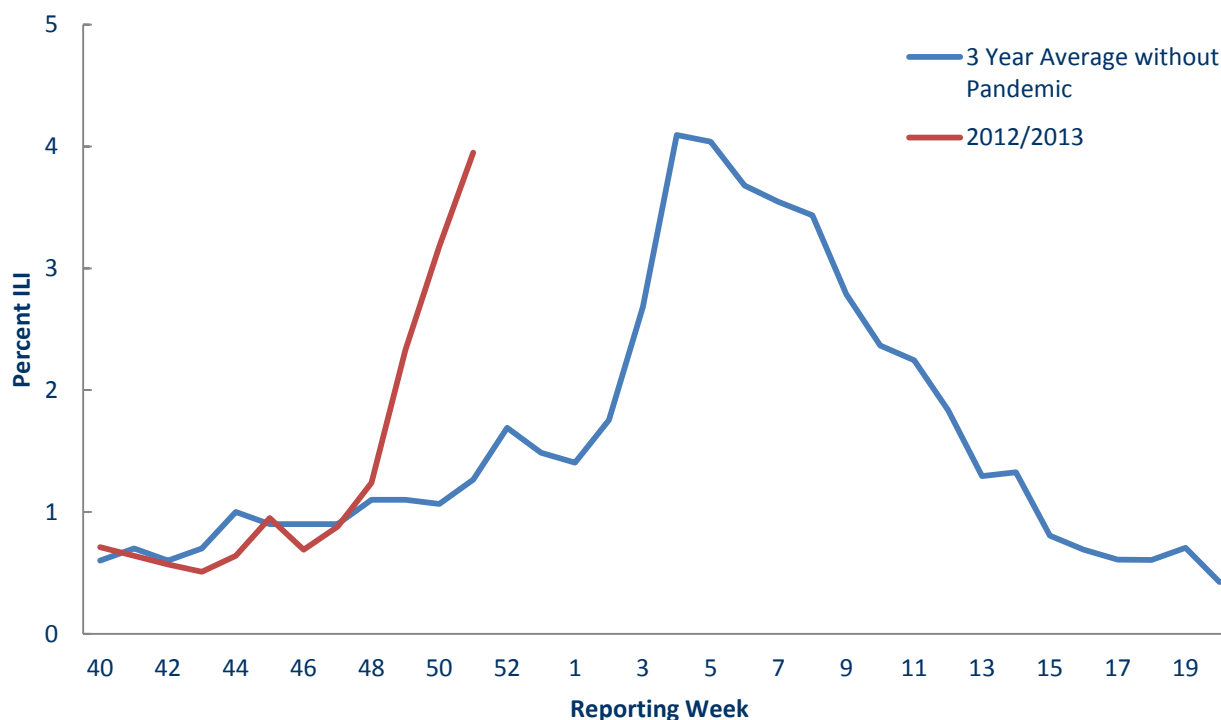
† PHESS data is very timely, so the data reported is for the most current week.

Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites Indiana, 2012/13 season.*

Reporting Week	All Reporters %ILI	Universities %ILI	Non-Universities %ILI
Week 51	3.95	0	3.95
Week 50	3.18	2.8	3.25
Week 49	2.33	2	2.4

*Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.

**Percent of patients who presented at sentinel provider clinics with symptoms relating to influenza-like illness – Indiana, and a three year baseline average, 2009/2010 season excluded due to the pandemic*†
(Number of sentinel provider clinics who reported this week = 21)**



*Data obtained from the ISDH Sentinel Influenza Surveillance System.

† Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.

ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2012/13 influenza season.*

PCR Result	This week's total		2013 total	
	Number	Percent of specimens received	Number	Percent of specimens received
2009 A/H1N1pdm virus	0	0%	1	<1.0%
Influenza A/H3 seasonal virus	85	85%	204	64.3%
Influenza A/H1 seasonal virus	0	0%	0	0%
Influenza B seasonal virus	5	5%	13	4.1%
Influenza negative	7	7%	85	26.8%
Inconclusive	1	1%	4	1.3%
Unsatisfactory specimen†	2	2%	10	3.1%
Total	100	100%	317	100%

*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.

†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled.

OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:

Other Respiratory Viruses	This Week	2013 Total (Since Oct. 1, 2012)	Early Surveillance (Sept 1-30, 2012)
Adenovirus	0	1	1
Coxsackie A Virus	0	0	0
Coxsackie B Virus	0	0	0
Echovirus	0	0	0
Enterovirus NOS	0	3	1
Parainfluenza 1 Virus	0	1	1
Parainfluenza 2 Virus	1	4	1
Parainfluenza 3 Virus	0	1	2
Rhinovirus	0	0	1
Human Metapneumovirus	0	0	0
Respiratory Syncytial Virus	0	3	1
Total	1	13	8

Sentinel reported influenza-like illness (ILI) by age category for the most current week reported – Indiana, 2012-13 season.

Age category (yrs)	Total number with ILI	Percent with ILI
0–4	12	7
5 –24	69	43
25–49	57	35
50–64	19	12
65+	4	3
Total	161	100

**Data obtained from the ISDH Sentinel Influenza Surveillance System.*

**Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.*

Sentinel and ED influenza-like illness percentages by reporting week Indiana, 2012/13 season.

Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 51	3.33	3.95
Week 50	2.59	3.18
Week 49	1.98	2.33

Number of 2012/2013 deaths associated with laboratory confirmed influenza, by age category – Indiana, December 27, 2012

	Age category (yrs)	Total number this week	Season Total
Number of deaths associated with influenza	0-4	0	0
	5-18	1	2
	19-24	0	0
	25-49	0	0
	50-64	0	0
	65+	3	3
	Unknown	0	0
	Total	0	5

Number of schools (K-12) reporting a 20% or more absenteeism rate – Indiana, 2012/13 school year*

Health District†	Current Week	Total
1	0	0
2	0	0
3	0	0
4	1	1
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
Total	1	1

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