



Delaware Weekly Influenza Report Week 45 (November 04-November 10, 2012) Delaware Division of Public Health

National Synopsis-2012-2013:

NOTE: National data is updated Friday of each week. Please visit <http://www.cdc.gov/flu/weekly/> for the most current information.

Both national and state data are provisional and subject to change as additional reports are received.

Delaware Influenza Surveillance 2012-2013:

There were 8 confirmed cases of influenza type A among Delawareans during week 45.

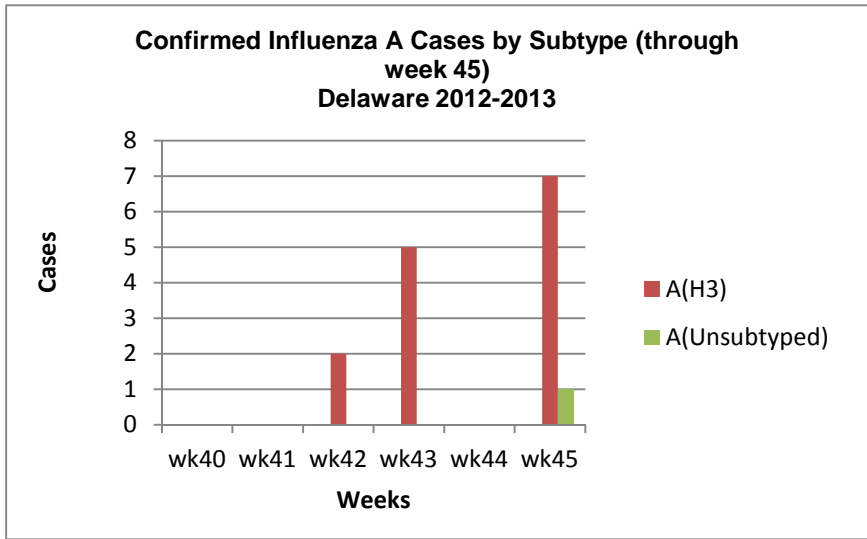
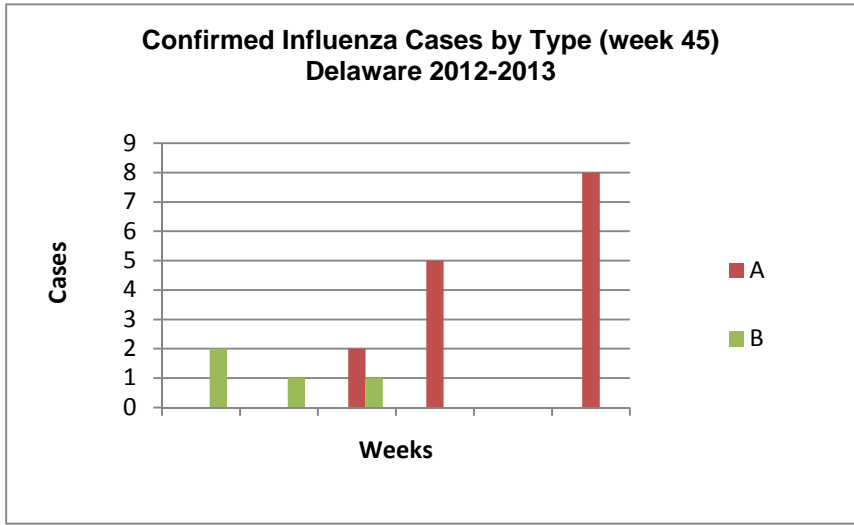
NOTE: The 2012-2013 influenza season begins with week 40.

† Influenza positive and confirmed cases reported through week 45 (ending on November 10, 2012).

Confirmed Flu Cases by Subtype		wk40	wk 41	wk 42	wk43	Wk44	Wk45	YTD	YTD Total	YTD Cnty%
Statewide	A (2009 H1)	0	0	0	0	0	0	0	19	
	A (H3)	0	0	2	5	0	7	14		
	A subtyping not performed	0	0	0	0	0	1	1		
	B	2	1	1	0	0	0	4		
New Castle County	A (2009 H1)	0	0	0	0	0	0	0	3	16%
	A (H3)	0	0	2	0	0	0	2		
	A subtyping not performed	0	0	0	0	0	0	0		
	B	0	1	0	0	0	0	1		
Kent County	A (2009 H1)	0	0	0	0	0	0	0	14	74%
	A (H3)	0	0	0	5	0	6	11		
	A subtyping not performed	0	0	0	0	0	1	1		
	B	1	0	1	0	0	0	2		
Sussex County	A (2009 H1)	0	0	0	0	0	0	0	2	10%
	A (H3)	0	0	0	0	0	1	1		
	A subtyping not performed	0	0	0	0	0	0	0		
	B	1	0	0	0	0	0	1		

Confirmed Flu Cases by Age Group		wk40	wk 41	wk 42	wk43	Wk44	Wk45	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	0	1	0	2	0	2	5	19	
	5-24 years	1	0	0	1	0	5	7		
	25-49 years	1	0	0	0	0	1	2		
	50-64 years	0	0	2	2	0	0	4		
	65+ years	0	0	1	0	0	0	1		
New Castle County	0-4 years	0	1	0	0	0	0	1	3	16%
	5-24 years	0	0	0	0	0	0	0		
	25-49 years	0	0	0	0	0	0	0		
	50-64 years	0	0	1	0	0	0	1		
	65+ years	0	0	1	0	0	0	1		
Kent County	0-4 years	0	0	0	2	0	2	4	14	74%
	5-24 years	1	0	0	1	0	4	6		
	25-49 years	0	0	0	0	0	1	1		
	50-64 years	0	0	0	2	0	0	2		
	65+ years	0	0	1	0	0	0	1		
Sussex County	0-4 years	0	0	0	0	0	0	0	2	10%
	5-24 years	0	0	0	0	0	1	1		
	25-49 years	1	0	0	0	0	0	1		
	50-64 years	0	0	0	0	0	0	0		
	65+ years	0	0	0	0	0	0	0		

† Reports are by date of specimen collection, not the date the results are obtained. As a result, prior weeks' counts may be adjusted to reflect additional cases received.



Flu Related Hospitalization		wk40	wk 41	wk 42	wk43	Wk44	Wk45	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	0	0	0	0	0	0	0	3	
	5-24 years	0	0	0	0	0	0	0		
	25-49 years	0	0	0	0	0	1	1		
	50-64 years	0	0	0	1	0	0	1		
	65+ years	0	0	1	0	0	0	1		
New Castle County	0-4 years	0	0	0	0	0	0	0	0	
	5-24 years	0	0	0	0	0	0	0		
	25-49 years	0	0	0	0	0	0	0		
	50-64 years	0	0	0	0	0	0	0		
	65+ years	0	0	0	0	0	0	0		
Kent County	0-4 years	0	0	0	0	0	0	0	3	100%
	5-24 years	0	0	0	0	0	0	0		
	25-49 years	0	0	0	0	0	1	1		
	50-64 years	0	0	0	1	0	0	1		
	65+ years	0	0	1	0	0	0	1		
Sussex County	0-4 years	0	0	0	0	0	0	0	0	
	5-24 years	0	0	0	0	0	0	0		
	25-49 years	0	0	0	0	0	0	0		
	50-64 years	0	0	0	0	0	0	0		
	65+ years	0	0	0	0	0	0	0		

Total Flu Related Deaths	Wk40	Wk41	Wk42	Wk43	Wk44	Wk45	Cumulative as of wk45
	0	0	0	0	0	0	0

Annual Seasonal Flu Case Totals	
2004-2005	995
2005-2006	541
2006 -2007	508
2007-2008	1401
2008-2009	738
2009-2010	2247
2010-2011	1470
2011-2012	262
2012-2013(YTD)	19

NOTE: The data provided may not be a true reflection of the total number of people who have been infected with influenza virus in Delaware, chiefly due to the following:

- Many people ill with influenza-like symptoms do not seek medical care; and
- Many who do seek medical care are not tested for influenza.

Level of Influenza Activity in Delaware, Week 45:

Sporadic → Isolated laboratory confirmed cases **OR** a laboratory confirmed outbreak in one institution but no increase in reports of ILI from the regional baseline for the season.

Influenza-like illness (ILI) is defined as patients presenting with fever over 100° F, cough and/or sore throat in the absence of a known cause other than influenza.

No Activity: No laboratory confirmed cases of influenza and no increase in the number of reports of ILI above regional baseline for the season.

Sporadic: Isolated laboratory confirmed cases **OR** a laboratory confirmed outbreak in one institution but no increase in reports of ILI from the regional baseline for the season.

Local: Increased ILI above the regional baseline for the season in a single county; ILI activity in other counties is not increased above baseline AND recent (within the past three weeks) laboratory evidence of influenza in the county with increased ILI **OR** two or more institutional outbreaks (ILI or laboratory confirmed flu) in a single county AND recent (within the past three weeks) laboratory evidence of influenza in the county with the outbreaks; virus activity is no greater than sporadic in other counties.

Regional: Outbreaks of influenza or increases in ILI and recent laboratory confirmed influenza in at least 2 but less than half the regions of the state. (This level of activity does not apply for small states with 4 or fewer regions.)

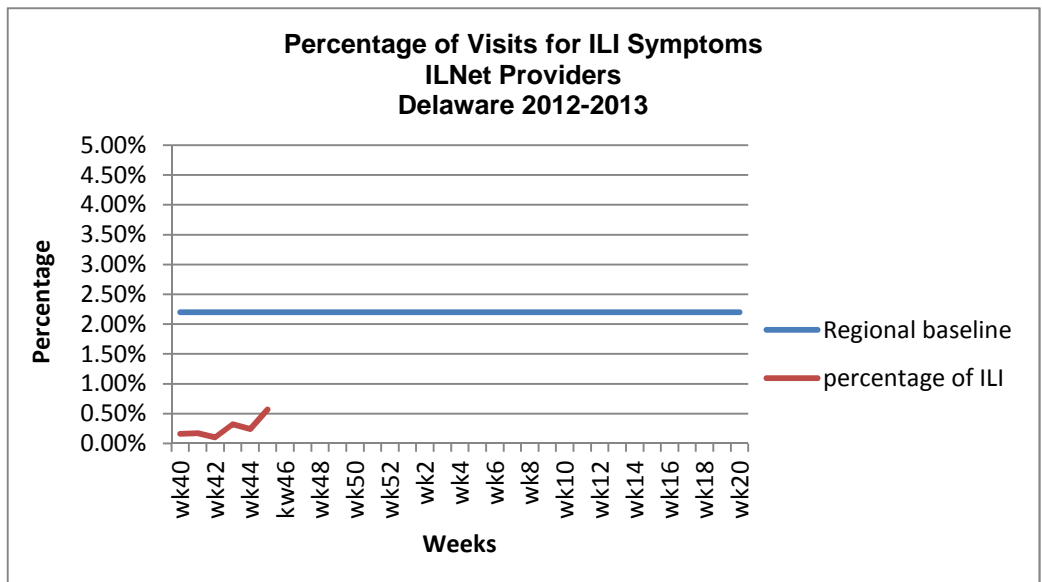
Widespread: Increase in ILI reports above the regional baseline and/or institutional outbreaks of influenza (ILI or lab confirmed) AND recent (within the past 3 weeks) laboratory confirmed influenza in at least two of the three counties.

¹2012-2013 Region3 (DE, DC, MD, PA, VA & WV) Baseline=2.20%.

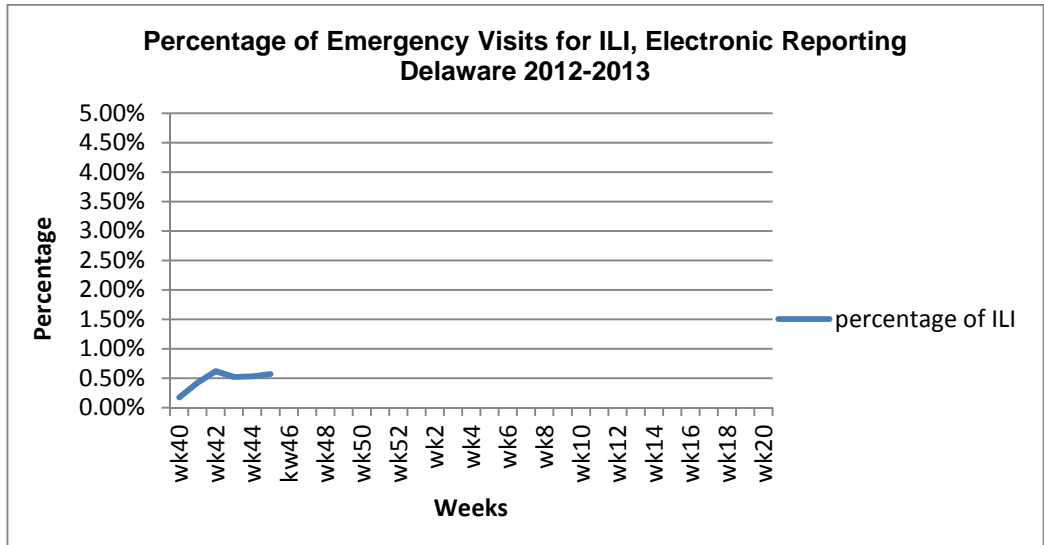
ILINet (Sentinel) Provider Surveillance Network:

An ILINet (Sentinel) provider conducts surveillance for influenza-like illness (ILI) in collaboration with the Division of Public Health and the Centers for Disease Control and Prevention. Data reported by ILINet providers, in combination with other influenza surveillance data, provides a national and statewide picture of influenza activity in the U.S.

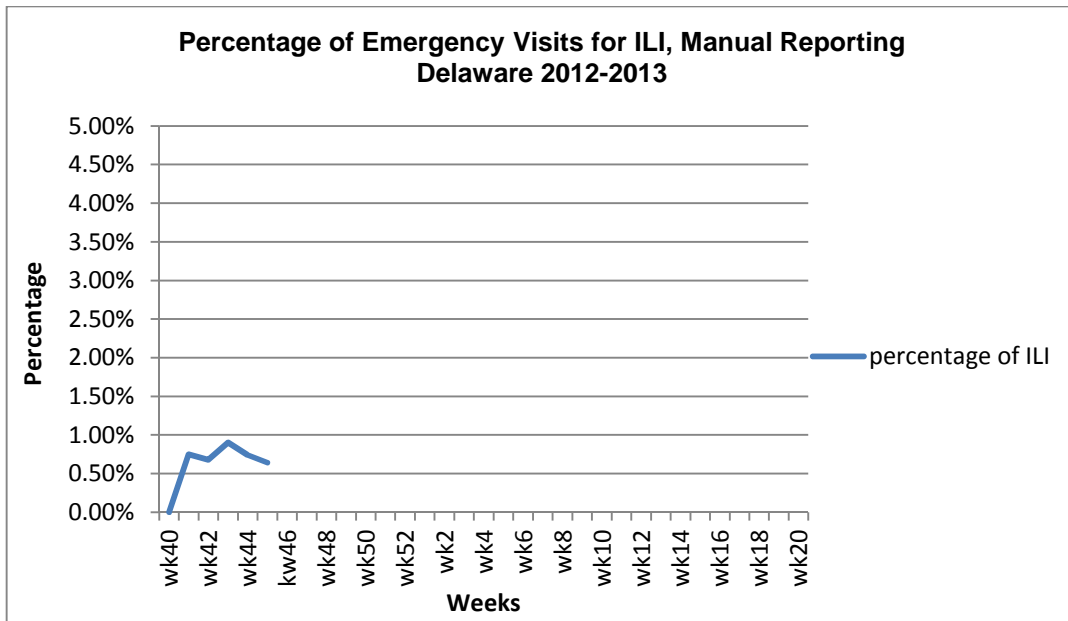
Influenza-Like Illness Reported from ILINet Providers (8 of 19 Reporting)



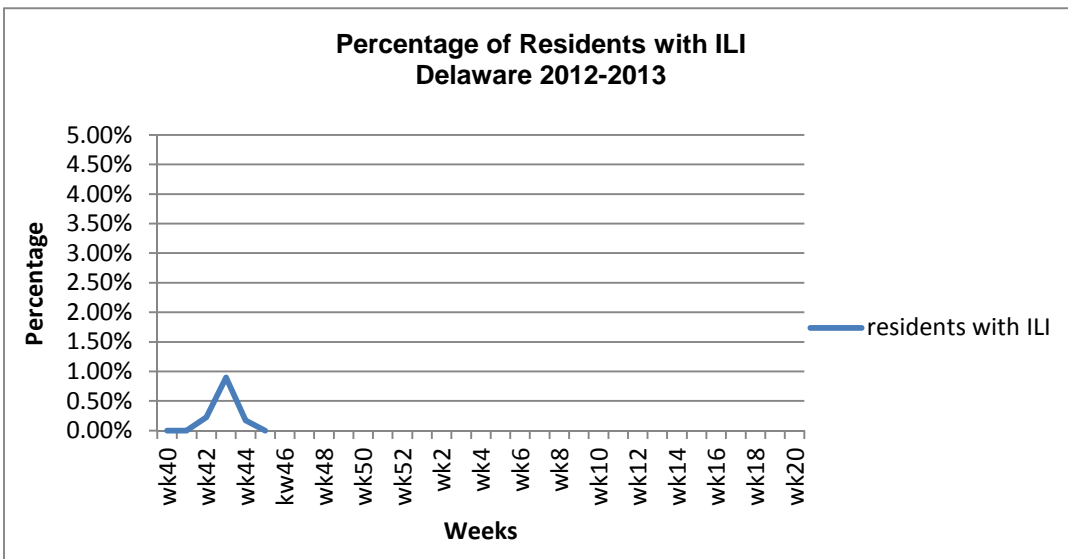
**Hospital Electronic Surveillance Data-Delaware 2012-2013
(7 of 7 hospitals reporting): A.I. DuPont, Bayhealth Kent & Milford, Beebe Medical Center, Christiana, Wilmington and St. Francis Hospital**



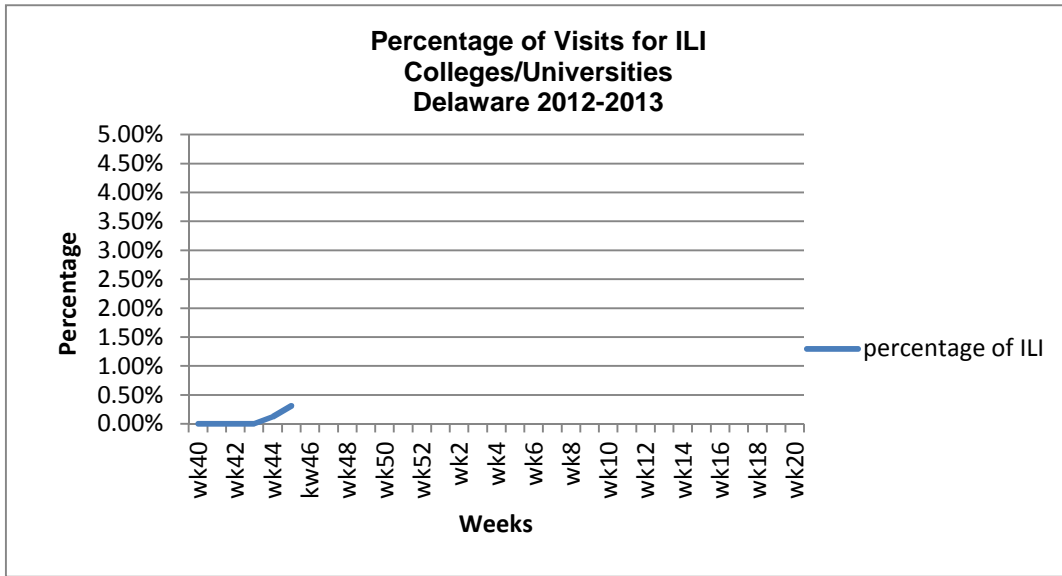
Hospital Manual Surveillance Data-Delaware 2012-2013:1 of 1 Hospital reporting (Nanticoke Memorial Hospital)



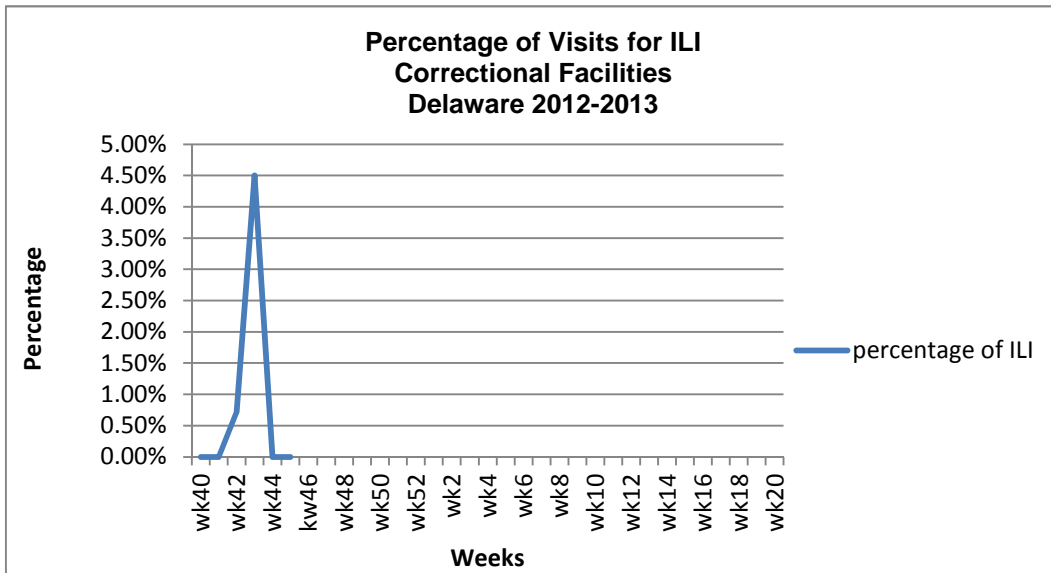
**Influenza-Like Illness (ILI) reported by Long Term Care Facilities (LTCFs) – Delaware 2012-2013
4 of 19 reporting**



**Influenza-Like Illness (ILI) reported by Colleges/Universities–Delaware 2012-2013:
3 of 3 schools reporting (Wesley College, Delaware State University, and University of Delaware)**

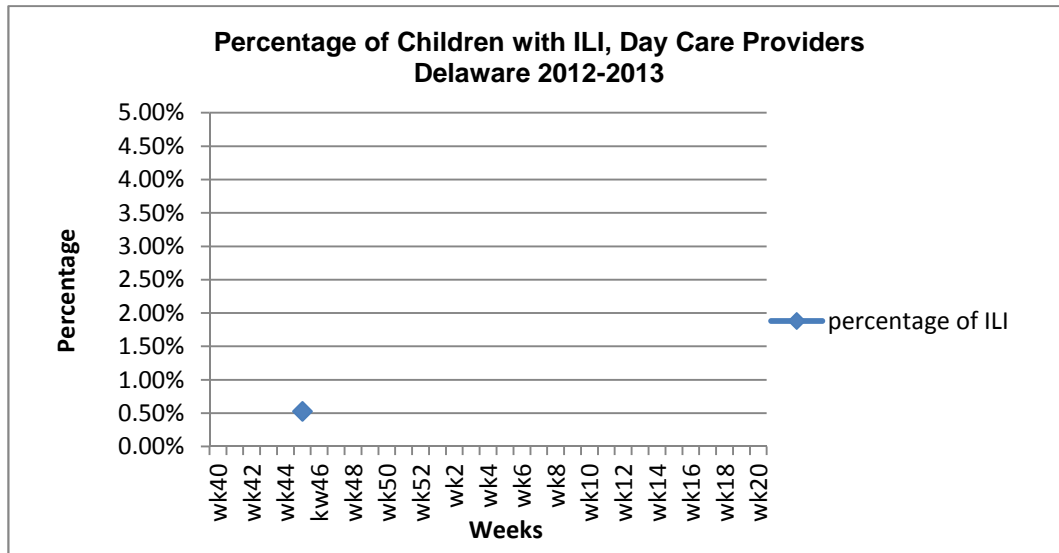


**Influenza-Like Illness (ILI) reported by Correctional Facilities–Delaware 2012-2013:
4 of 10 reporting**



Influenza-Like Illness (ILI) reported by Daycare Providers- Delaware 2012-2013:

4 of 15 reporting



Influenza-Like Illness (ILI) reported by Federally Qualified Health Centers-Delaware 2012-2013: No reports had been received at the time this report was compiled.

The Division of Public Health is committed to serving you better. If you have not found the answers to your questions, please visit flu.delaware.gov or call (302)744-4704.