



Delaware Weekly Influenza Surveillance Report

Week 47 (November 18 - November 24, 2012)

Delaware Division of Public Health

National Synopsis – 2012 – 2013

Note: National data are updated Friday of each week. Please visit <http://www.cdc.gov/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:

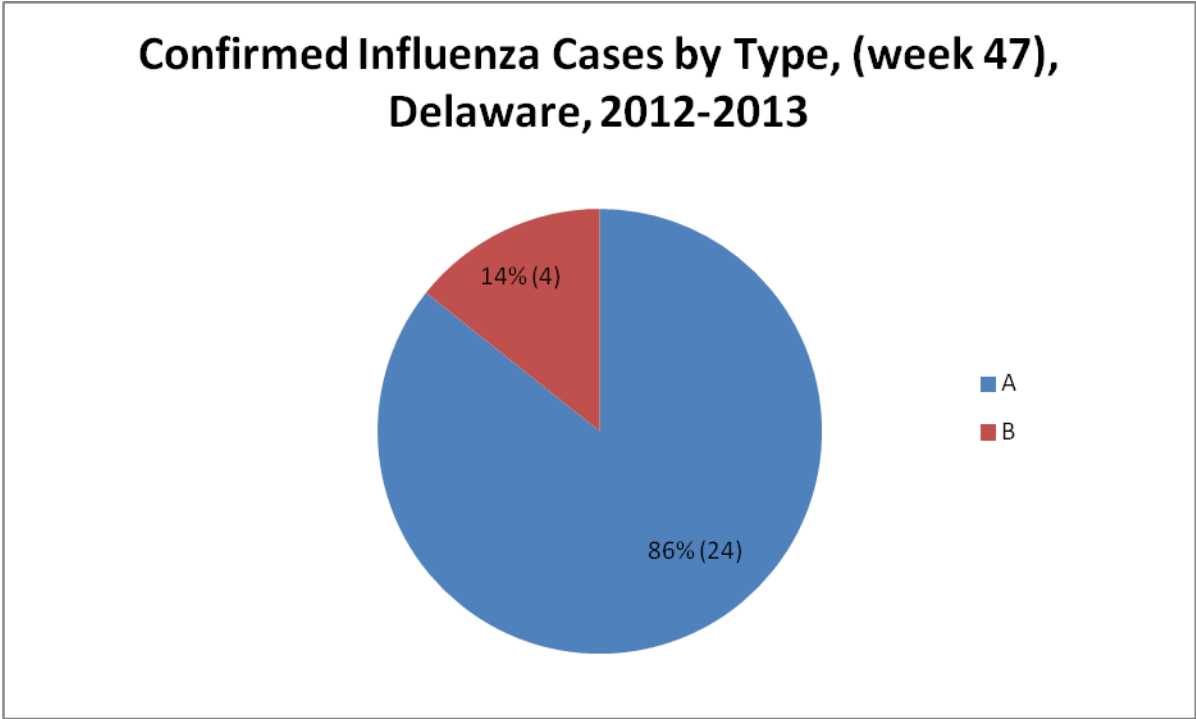
There were four confirmed cases of influenza type A among Delawareans during Week 47.

¹ Influenza Positive and Confirmed Cases Reported through Week 47 (ending November 24, 2012)

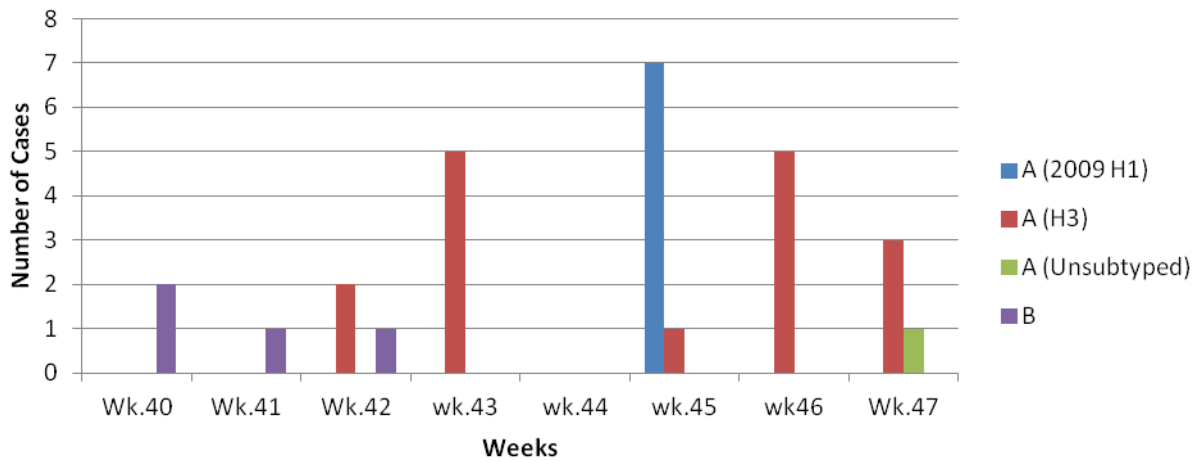
Confirmed Flu Cases by Subtype		Wks.	2012	Wk.					
		40-42	Wks.	46	Wk.	47	YTD	YTD	YTD Cnty
			43-45				Total		%
Statewide	A (2009 H1)	0	0	0	0	0	28		
	A (H3)	2	12	5	3	22			
	A (subtyping not performed)	0	1	0	1	2			
	B	4	0	0	0	4			
New Castle County	A (2009 H1)	0	0	0	0	0	4	14.3%	
	A (H3)	2	0	0	1	3			
	A (subtyping not performed)	0	0	0	0	0			
	B	1	0	0	0	1			
Kent County	A (2009 H1)	0	0	0	0	0	21	75.0%	
	A (H3)	0	11	5	1	17			
	A (subtyping not performed)	0	1	0	1	2			
	B	2	0	0	0	2			
Sussex County	A (2009 H1)	0	0	0	0	0	2	7.1%	
	A (H3)	0	1	0	1	2			
	A (subtyping not performed)	0	0	0	0	0			
	B	1	0	0	0	1			

¹ Reports are by date of specimen collection, not the date the results are obtained. As a result, prior weeks' counts may be revised to reflect additional reports received.

Confirmed Flu Cases by Age Group		Wks. 40-42	Wks. 43-45	Wk. 46	Wk. 47	YTD	YTD Total	YTD Cnty %
Statewide	0-4 years	1	4	3	2	10	28	
	5-24 years	1	6	1	2	10		
	25-49 years	1	1	1	0	3		
	50-64 years	1	2	0	0	3		
	65+ years	2	0	0	0	2		
New Castle County	0-4 years	1	0	0	0	1	4	14.3%
	5-24 years	0	0	0	1	1		
	25-49 years	0	0	0	0	0		
	50-64 years	1	0	0	0	1		
	65+ years	1	0	0	0	1		
Kent County	0-4 years	0	4	3	1	8	21	75.0%
	5-24 years	1	5	1	1	8		
	25-49 years	0	1	1	0	2		
	50-64 years	0	2	0	0	2		
	65+ years	1	0	0	0	1		
Sussex County	0-4 years	0	0	0	1	1	3	10.7%
	5-24 years	0	1	0	0	1		
	25-49 years	1	0	0	0	1		
	50-64 years	0	0	0	0	0		
	65+ years	0	0	0	0	0		



Confirmed Influenza Cases by Type and Subtype, (week 47), Delaware, 2012-2013



Flu related Hospitalization		Wks. 40-42	Wks. 43-45	Wk. 46	Wk. 47	YTD	YTD Total	YTD Cnty %
Statewide	0-4 years	0	0	0	0	0	3	
	5-24 years	0	0	0	0	0		
	25-49 years	0	1	0	0	1		
	50-64 years	0	1	0	0	1		
	65+ years	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		
	25-49 years	0	0	0	0	0		
	50-64 years	0	0	0	0	0		
	65+ years	0	0	0	0	0		
Kent County	0-4 years	0	0	0	0	0	3	100.0%
	5-24 years	0	0	0	0	0		
	25-49 years	0	1	0	0	1		
	50-64 years	0	1	0	0	1		
	65+ years	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		
	25-49 years	0	0	0	0	0		
	50-64 years	0	0	0	0	0		
	65+ years	0	0	0	0	0		

Total Flu Related Deaths	Wk40	Wk41	Wk42	Wk43	Wk44	Wk45	Wk46	Wk-47	YTD Total
	0	0	0	0	0	0	0	0	0

<u>Annual Seasonal Influenza Case Totals</u>	
2004-2005	995
2005-2006	541
2006-2007	508
2007-2008	1,401
2008-2009	738
2009-2010	2,247
2010-2011	1,470
2011-2012	262
2012 - 2013 (YTD)	28

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 47:

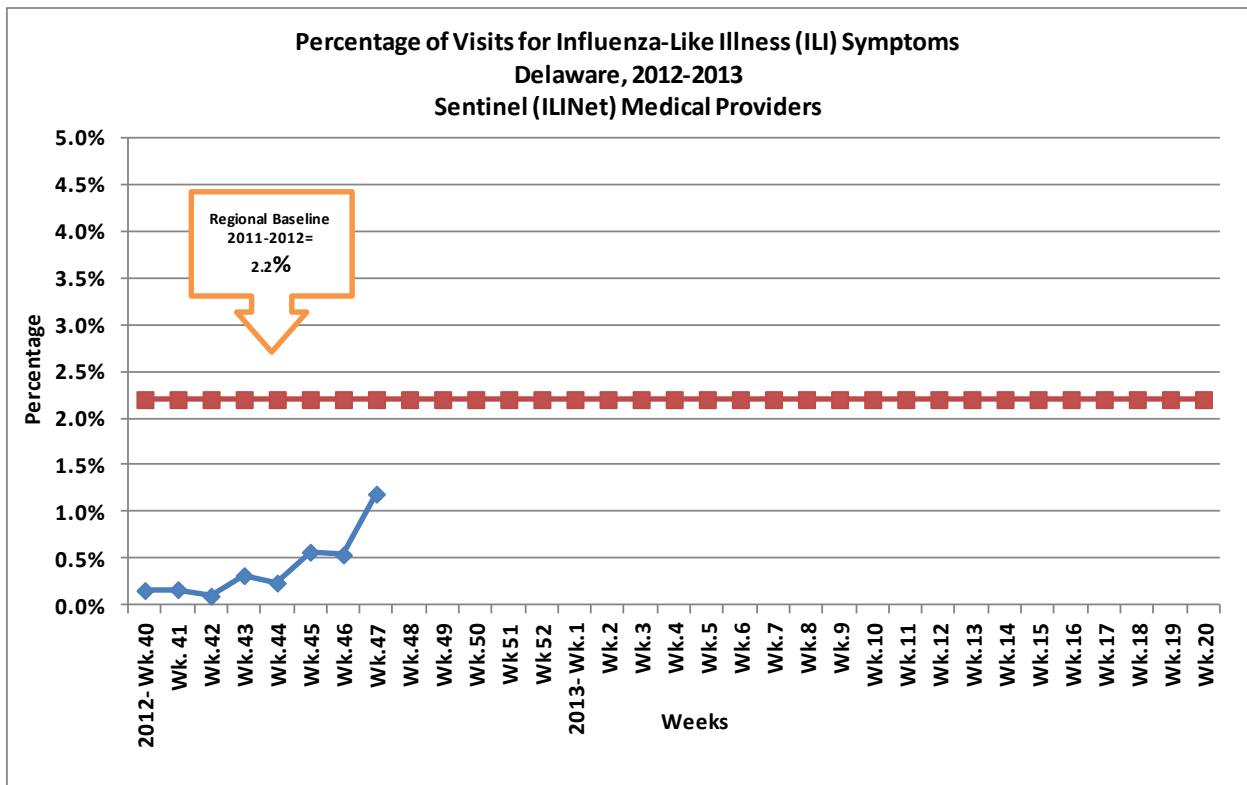
Sporadic	Isolated laboratory confirmed cases OR a laboratory confirmed outbreak in one institution but no increase in reports of ILI from the regional baseline ¹ for the season.
Influenza-like illness (ILI) is defined as patients presenting with fever over 100° F, cough and/or sore throat in the absence of a known cause other than influenza.	

<p>No Activity: No laboratory confirmed cases of influenza and no increase in the number of reports of ILI above regional baseline for the season.</p> <p>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.</p> <p>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.</p> <p>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.)</p> <p>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.</p>
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ILINet (Sentinel) Provider Surveillance Network:

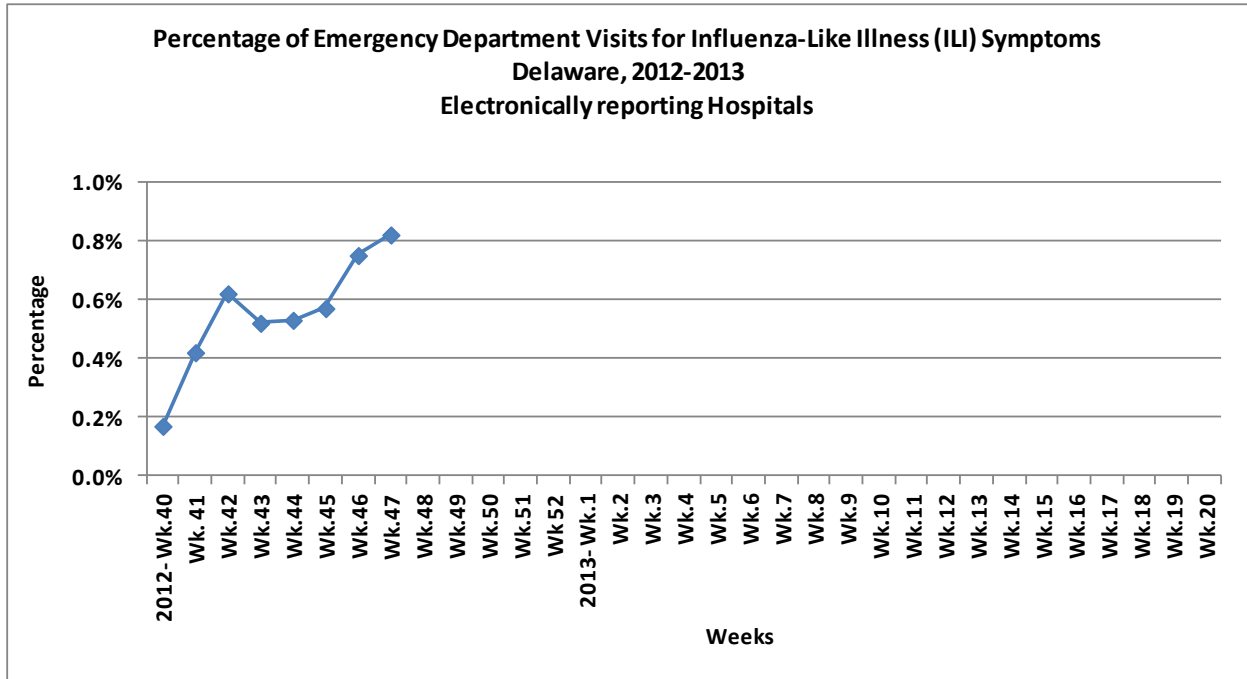
An ILINet provider conducts surveillance for influenza-like illness (ILI) in collaboration with the Division of Public Health and the Centers for Disease Control and Prevention. Data reported by ILINet providers, in combination with other influenza surveillance data, provide a national and statewide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

**Influenza-Like Illness reported from ILINet (Sentinel) Providers:
10 of 19 Sentinel Providers reporting**

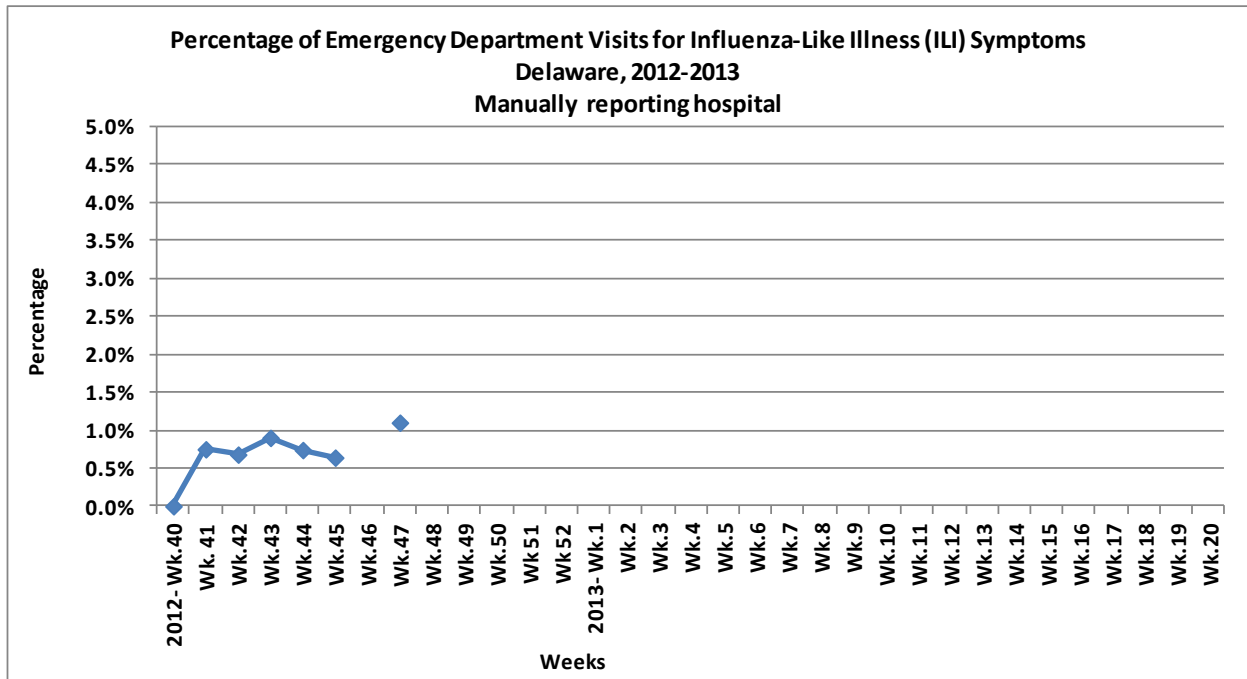


Region 3 (Delaware, District of Columbia, Maryland, Pennsylvania, Virginia & West Virginia); baseline= 2.2%.

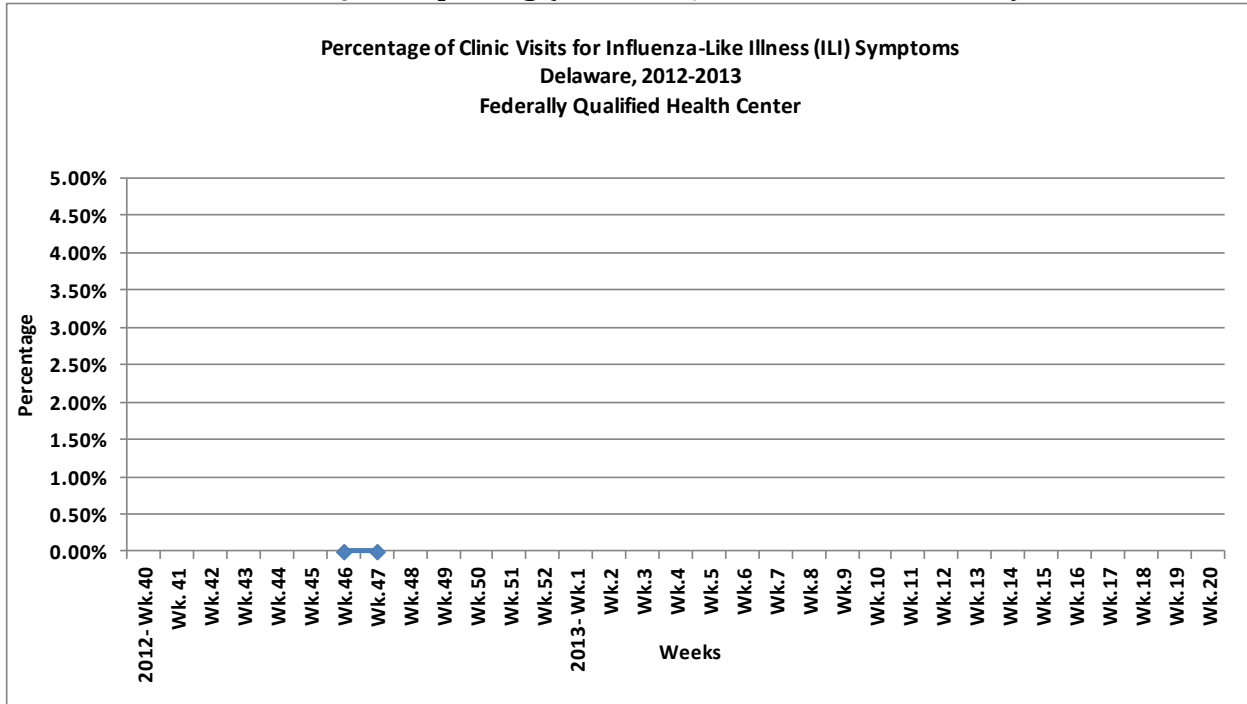
**Hospital (Electronic) Surveillance Data:
7 of 7 hospitals reporting (Al DuPont, Bayhealth-Kent, Bayhealth-Milford, Beebe,
Christiana, Wilmington and St. Francis)**



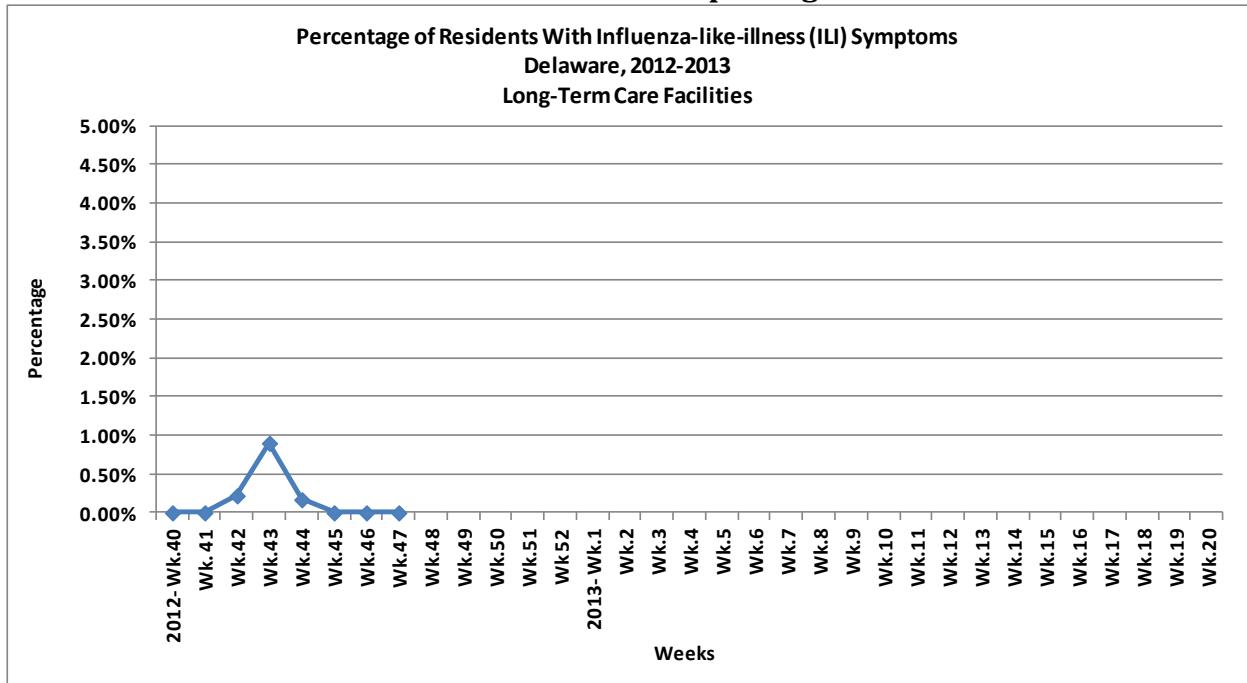
**Hospital (Manual) Surveillance Data:
Manual reporting Hospital (Nanticoke)**



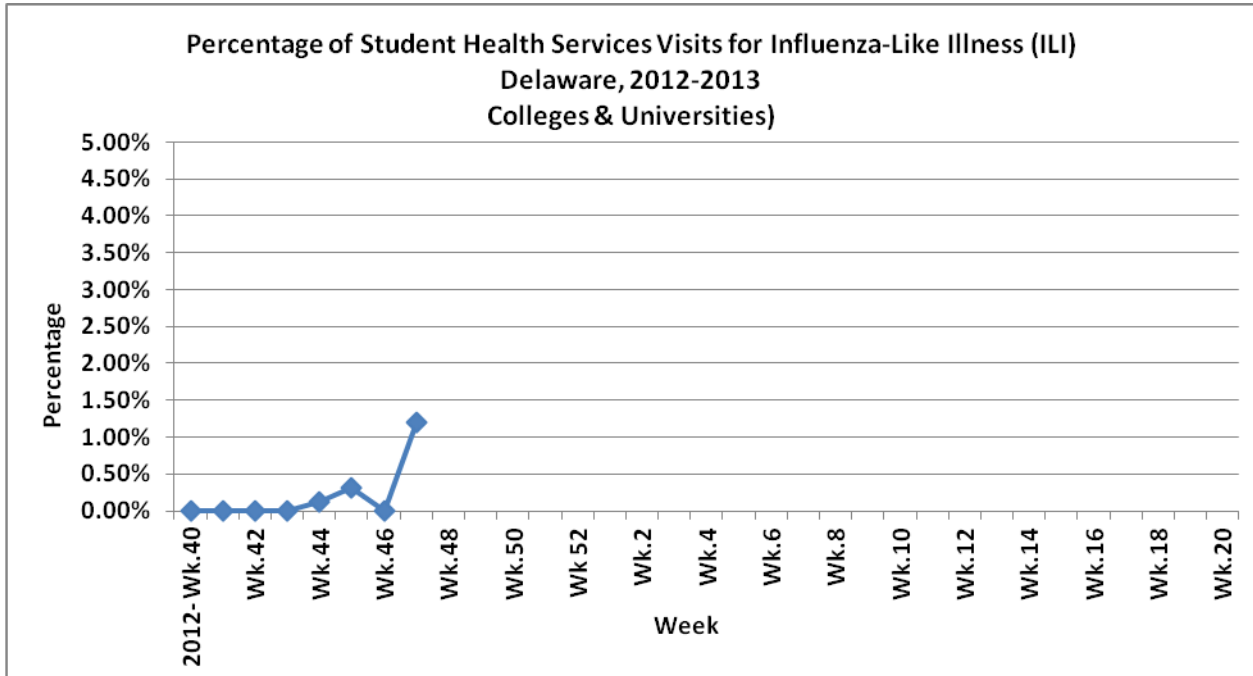
**Influenza-like illness reported from Federally Qualified Health Centers (FQHCs):
1 of 2 FQHCs reporting (Henrietta Johnson Medical Center)**



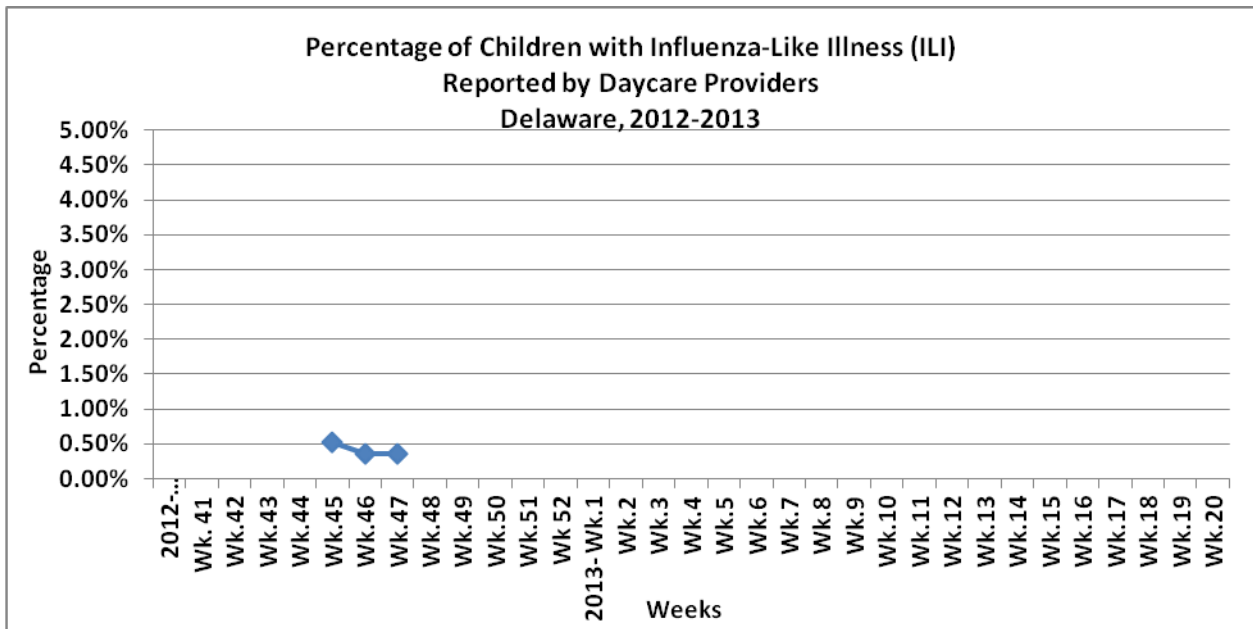
**Influenza-like-illness (ILI) reported by Long-Term Care Facilities (LTCFs):
5 of 19 facilities reporting**



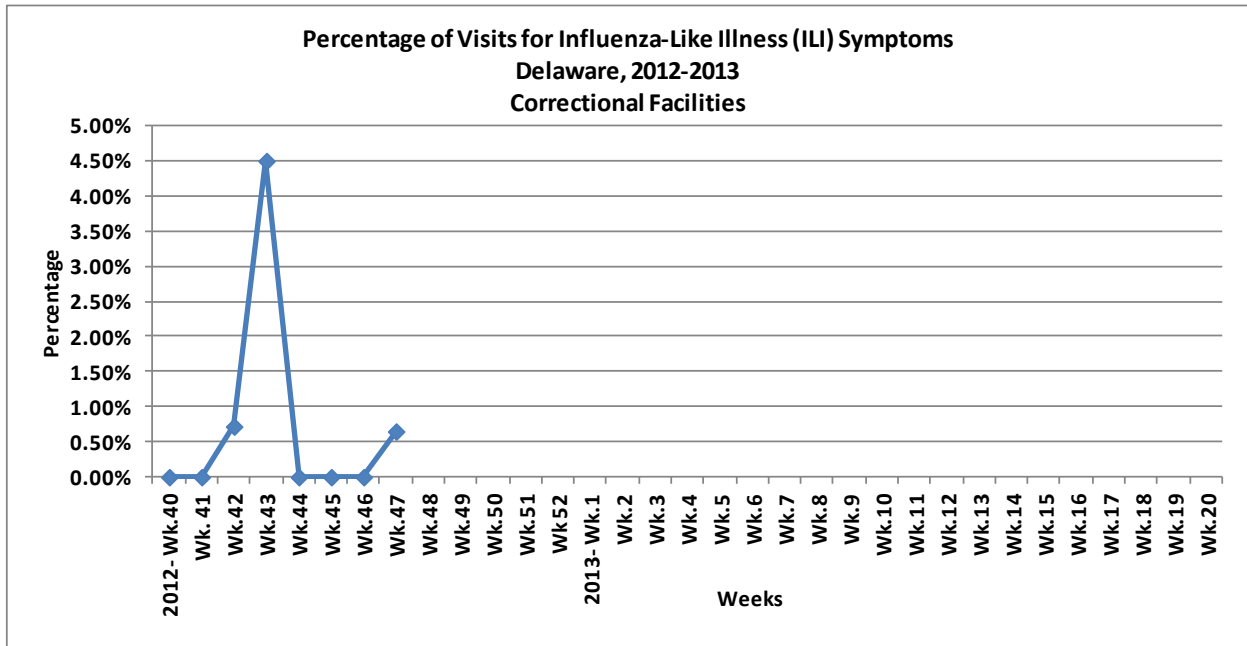
**Influenza-like-illness (ILI) reported by Colleges/Universities:
3 of 3 schools reporting (Delaware State University, University of Delaware, &
Wesley College)**



**Influenza-like-illness (ILI) reported by Daycare Providers:
2 of 14 providers reporting**



**Influenza-like-illness (ILI) reported by Correctional Facilities:
7 of 10 facilities reporting**



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.