



Delaware Weekly Influenza Report Week 52 (December 23-December 29, 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 132 confirmed cases of influenza among Delawareans during week 52.

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

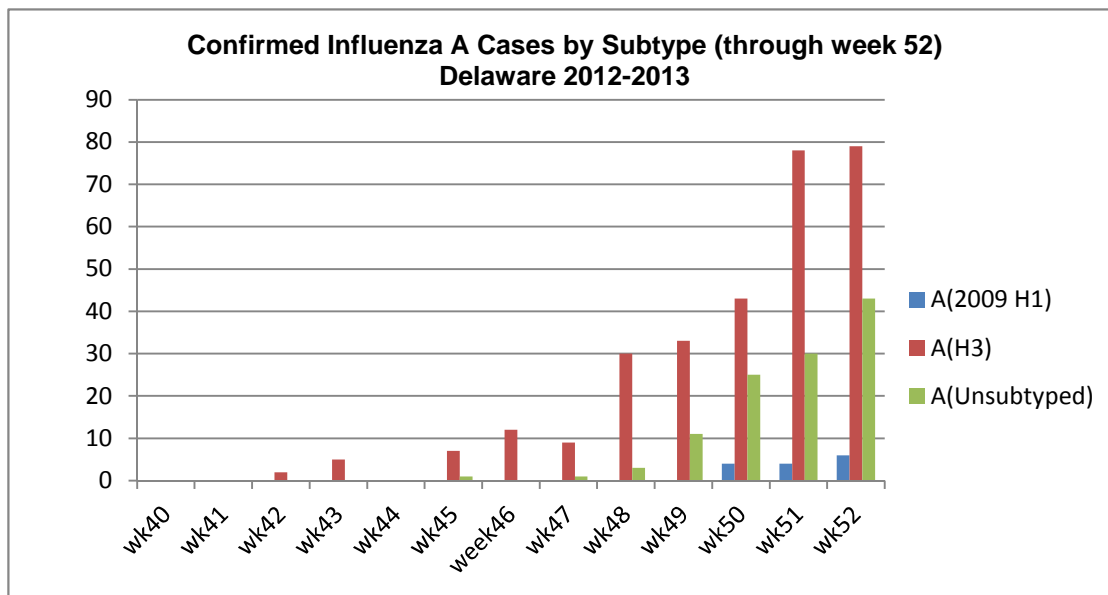
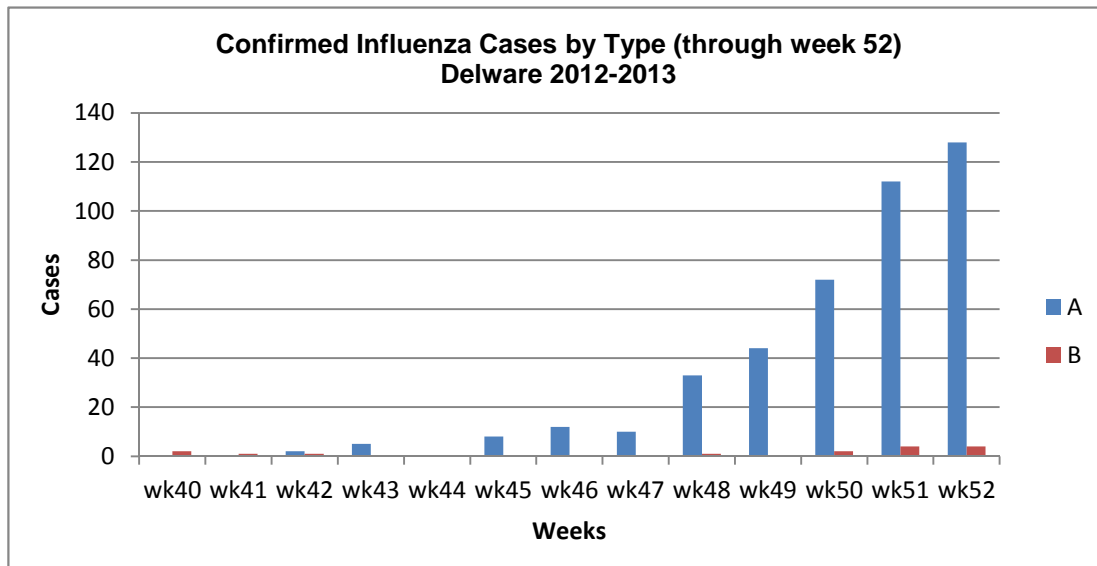
Influenza Positive¹ Cases Reported² through Week 52 (Week ending December 29, 2012)

Confirmed Flu Cases by Subtype		Wks 40-41	wk 42	wk43	Wks 44-45	Wk46	Wk47	Wk48	Wk49	Wk50	Wk51	Wk52	YTD	YTD Total	YTD Cnty%
Statewide	A (2009 H1)	0	0	0	0	0	0	0	0	4	4	6	14	441	
	A (H3)	0	2	5	7	12	9	30	33	43	78	79	298		
	A subtyping not performed	0	0	0	1	0	1	3	11	25	30	43	114		
	B	3	1	0	0	0	0	1	0	2	4	4	15		
New Castle County	A (2009 H1)	0	0	0	0	0	0	0	0	4	4	4	12	197	44.67
	A (H3)	0	2	0	0	3	1	10	17	16	41	38	128		
	A subtyping not performed	0	0	0	0	0	0	0	2	4	14	31	51		
	B	1	0	0	0	0	0	0	0	2	1	2	6		
Kent County	A (2009 H1)	0	0	0	0	0	0	0	0	0	0	0	0	130	29.48
	A (H3)	0	0	5	6	8	6	13	4	18	16	9	85		
	A subtyping not performed	0	0	0	1	0	1	2	4	9	12	11	40		
	B	1	1	0	0	0	0	0	0	0	1	2	5		
Sussex County	A (2009 H1)	0	0	0	0	0	0	0	0	0	0	2	2	114	25.85
	A (H3)	0	0	0	1	1	2	7	12	9	21	32	85		
	A subtyping not performed	0	0	0	0	0	0	1	5	12	4	1	23		
	B	1	0	0	0	0	0	1	0	0	2	0	4		

Confirmed Flu Cases by Age Group		Wks 40-41	wk 42	wk43	Wks 44-45	Wk46	Wk47	Wk48	Wk49	Wk50	Wk51	Wk52	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	1	0	2	2	7	5	11	7	13	16	27	91	441	
	5-24 years	1	0	1	5	4	5	11	13	39	53	43	175		
	25-49 years	1	0	0	1	0	0	6	8	15	26	23	80		
	50-64 years	0	2	2	0	1	0	4	6	6	13	11	45		
	65+ years	0	1	0	0	0	0	2	10	1	8	28	50		
New Castle County	0-4 years	1	0	0	0	3	0	2	3	5	7	13	34	197	44.67
	5-24 years	0	0	0	0	0	1	6	2	10	22	22	63		
	25-49 years	0	0	0	0	0	0	1	1	7	16	7	32		
	50-64 years	0	1	0	0	0	0	0	5	4	10	7	27		
	65+ years	0	1	0	0	0	0	1	8	0	5	26	41		
Kent County	0-4 years	0	0	2	2	4	4	6	2	4	6	2	33	130	29.48
	5-24 years	1	0	1	4	3	3	4	5	18	14	7	60		
	25-49 years	0	0	0	1	0	0	2	1	3	6	9	22		
	50-64 years	0	0	2	0	1	0	2	0	2	2	2	11		
	65+ years	0	1	0	0	0	0	1	0	0	1	1	4		
Sussex County	0-4 years	0	0	0	0	0	1	3	2	4	3	12	25	114	25.85
	5-24 years	0	0	0	1	1	1	6	11	17	14	14	51		
	25-49 years	1	0	0	0	0	0	3	6	5	4	7	26		
	50-64 years	0	0	0	0	0	0	2	1	0	1	2	6		
	65+ years	0	0	0	0	0	0	0	2	1	2	1	6		

¹ Based on patients with positive nucleic acid or viral culture test results reported to the Division of Public Health.

² 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 Hospitalizations	Related	Wks 40-41	wk 42	wk43	Wks 44-45	Wk46	Wks 47-48	Wk49	Wk50	Wk51	Wk52	YTD	YTD Total	YTD Crnty%
Statewide	0-4 years	0	0	0	0	1	2	1	1	0	0	5	85	
	5-24 years	0	0	0	0	0	0	1	2	1	9	13		
	25-49 years	0	0	0	1	0	0	2	2	3	7	15		
	50-64 years	0	0	1	0	0	1	2	3	6	5	18		
	65+ years	0	1	0	0	0	2	3	1	4	24	34		
New Castle County	0-4 years	0	0	0	0	0	2	0	0	0	0	2	64	75.29
	5-24 years	0	0	0	0	0	0	0	0	1	6	7		
	25-49 years	0	0	0	0	0	0	1	2	3	3	9		
	50-64 years	0	0	0	0	0	0	1	3	6	5	15		
	65+ years	0	0	0	0	0	1	2	0	4	24	31		
Kent County	0-4 years	0	0	0	0	0	0	1	1	0	0	2	12	14.12
	5-24 years	0	0	0	0	0	0	1	2	0	0	3		
	25-49 years	0	0	0	1	0	0	0	0	0	2	3		
	50-64 years	0	0	1	0	0	1	0	0	0	0	2		
	65+ years	0	1	0	0	0	1	0	0	0	0	2		
Sussex County	0-4 years	0	0	0	0	0	0	0	0	0	0	0	9	10.59
	5-24 years	0	0	0	0	0	0	0	0	0	3	3		
	25-49 years	0	0	0	0	0	0	1	0	0	2	3		
	50-64 years	0	0	0	0	0	0	1	0	0	0	1		
	65+ years	0	0	0	0	0	0	1	1	0	0	2		

Flu Related Deaths	Wk40	Wk41	Wk42	Wk43	Wk44	Wk45	Wk46-52	Cumulative as of wk52
	0	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)	441

NOTE: The data provided is not a true reflection of the total number of individuals who have been infected with the influenza virus in Delaware during the reporting period due to the following factors:

- Many people ill with influenza-like symptoms do not seek medical care
- Many who do seek medical care are not tested for influenza
- The Delaware Public Health Laboratory (DPHL) is limited by capacity to processing a maximum of 5 tests per day from each reporting entity

Level of Influenza Activity in Delaware, Week 52:

Widespread	Increase in ILI reports above the regional baseline ¹ 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.
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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.)

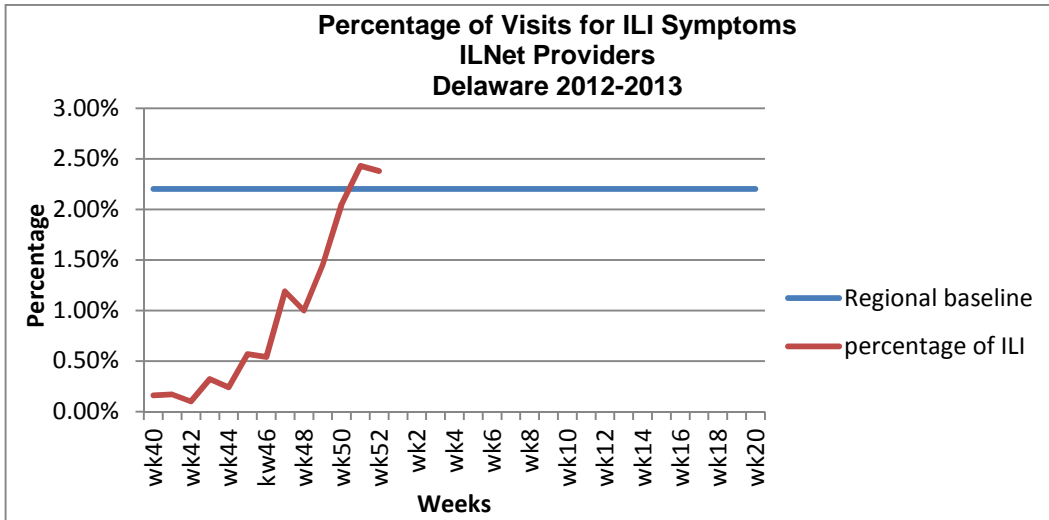
Widespread: Increase in ILI reports above the regional baseline and/or institutional outbreaks of influenza (ILI or lab confirmed) AND recent (within the past 3 weeks) laboratory confirmed influenza in at least two of the three counties.

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

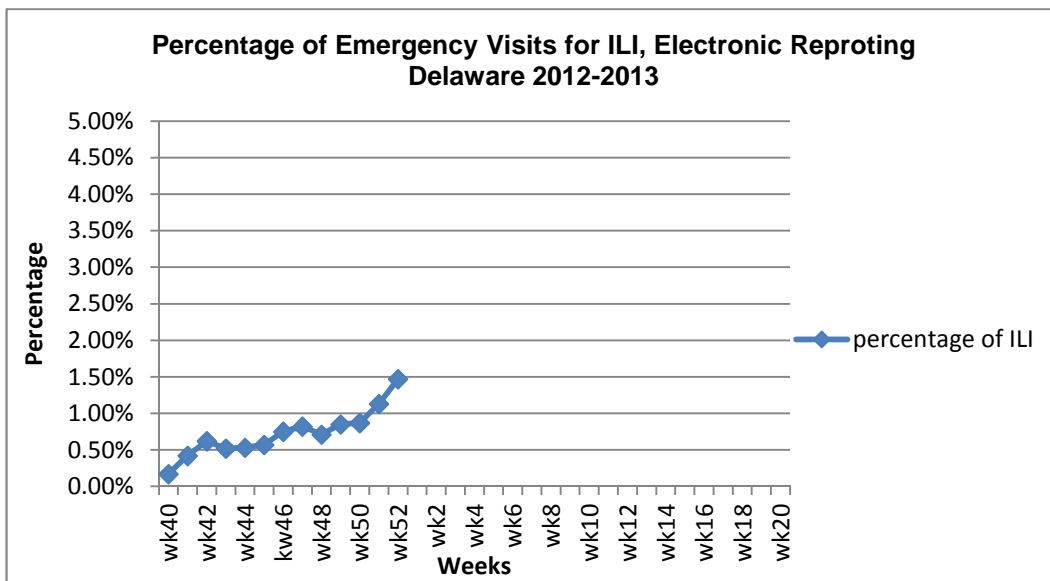
ILINet (Sentinel) Provider Surveillance Network:

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.

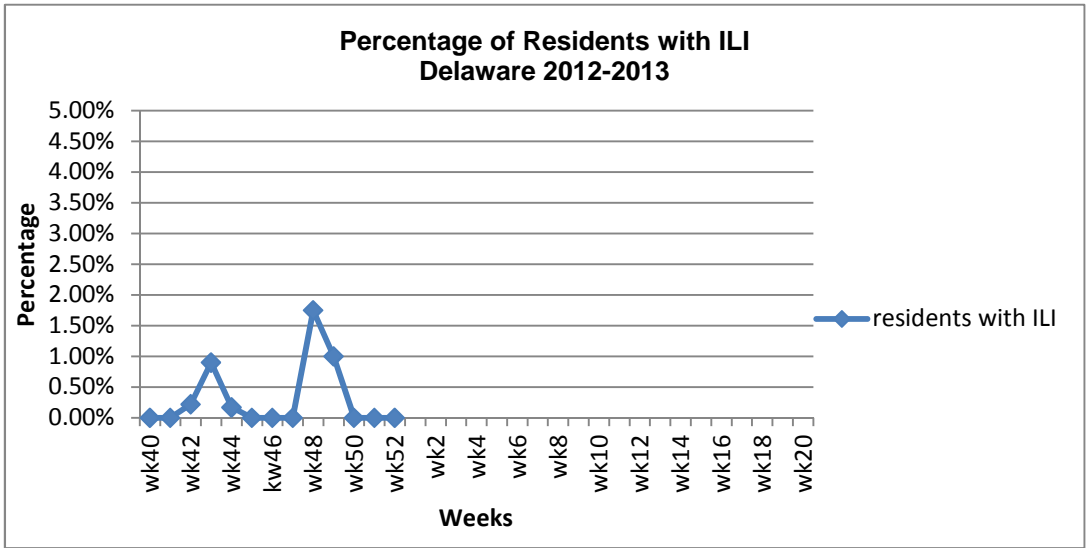
Influenza-Like Illness Reported from ILINet Providers (8 of 19 Reporting)



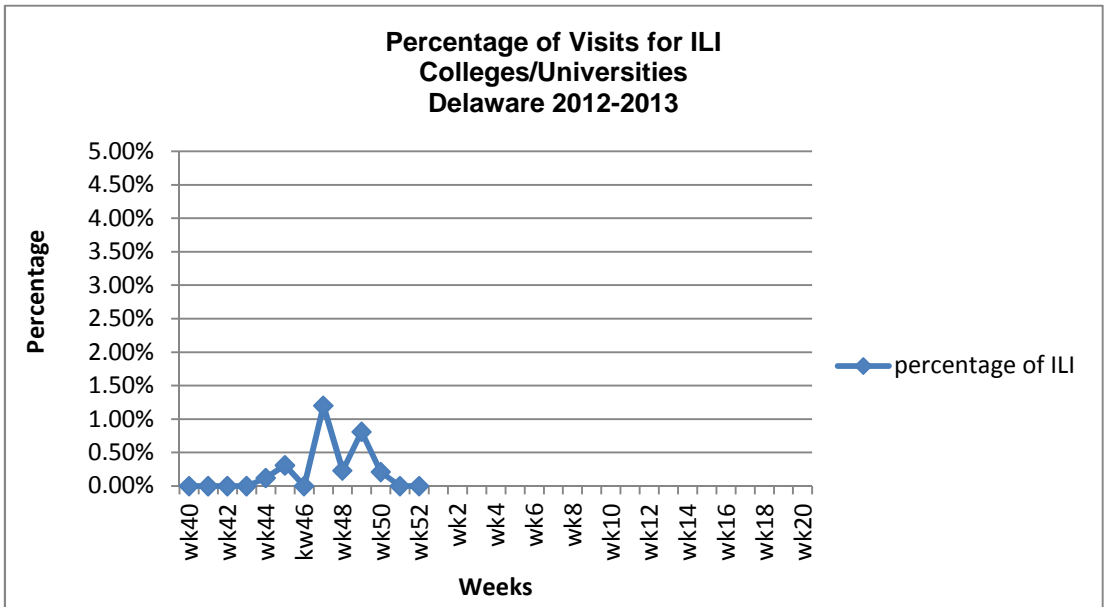
Hospital (Electronic) Surveillance Data: 7 of 7 Hospitals Reporting - Al DuPont, Bayhealth (Kent, Milford, Beebe), CCHS, Wilmington and St. Francis.



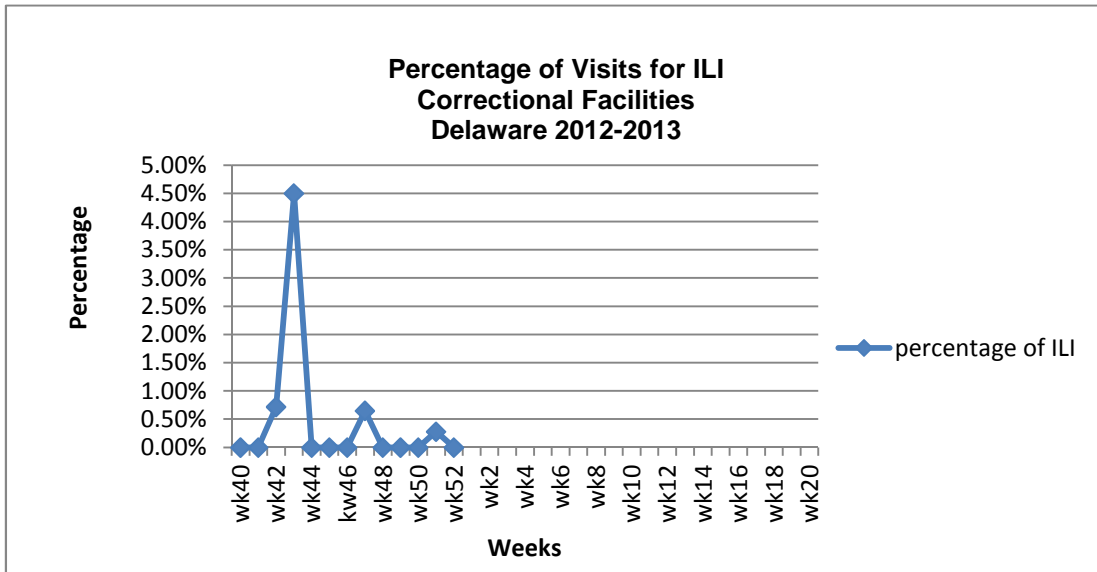
Influenza-Like Illness (ILI) reported by Long Term Care Facilities (LTCFs) – Delaware 2012-2013
6 of 19 reporting



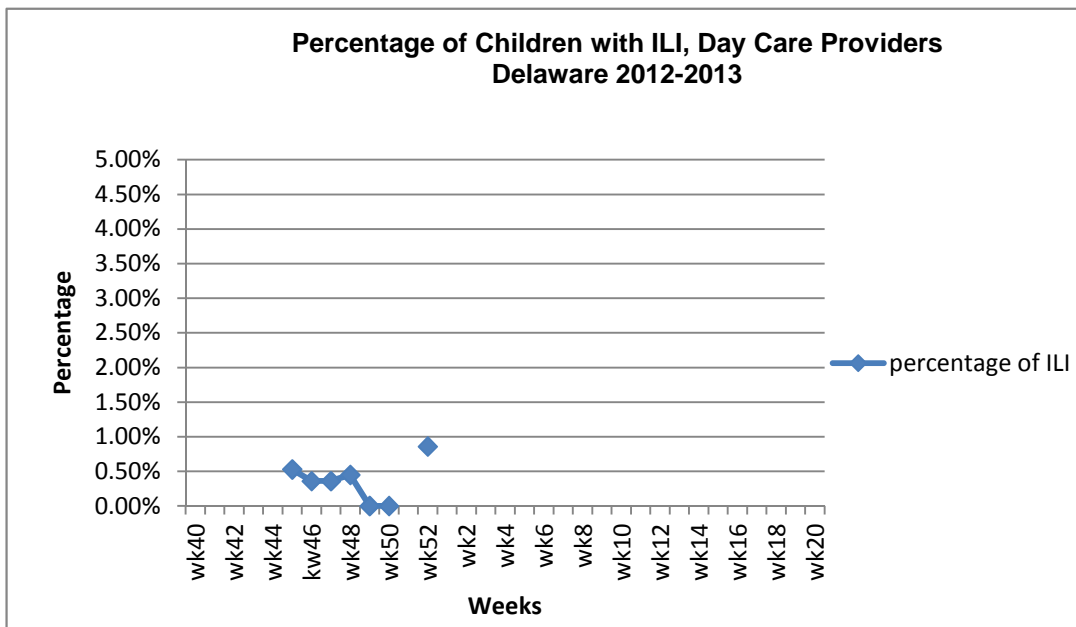
Influenza-Like Illness (ILI) reported by Colleges/Universities–Delaware 2012-2013:
1 of 3 schools reporting (University of Delaware)



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



**Influenza-Like Illness (ILI) reported by Daycare Providers- Delaware 2012-2013:
2 of 15 reporting**



Influenza-Like Illness (ILI) reported by Federally Qualified Health Centers (FQHCs) and Manual Reporting Hospital-Delaware 2012-2013: No reports had been received at the time that 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.