



Delaware Weekly Influenza Report

Week 10 (March 03- March 09, 2013)

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 47 confirmed cases of influenza among Delawareans during week 10.

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

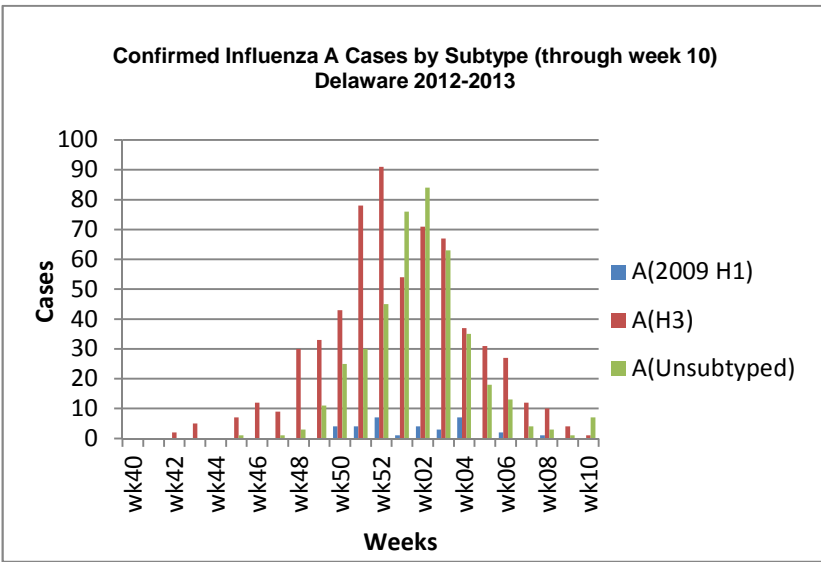
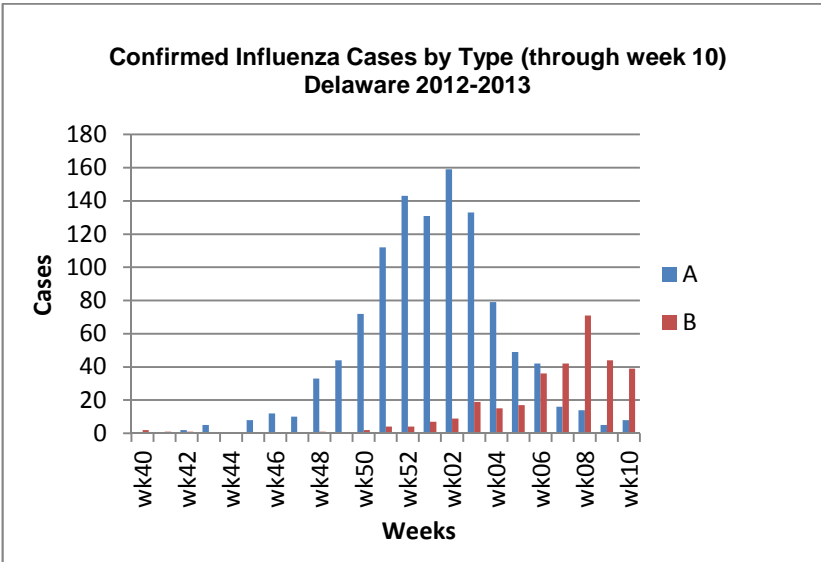
Influenza Positive¹ Cases Reported² through Week 10 (Week ending March 09, 2013)

Confirmed Flu Cases by Subtype		Wks 40-52	Wks 01-05	Wk06	Wk07	Wk08	Wk09	WK10	YTD	YTD Total	YTD Cnty%
Statewide	A (2009 H1)	15	15	2	1	1	0	0	34	1426	
	A (H3)	310	267	27	15	10	4	1	633		
	A (subtyping not performed)	116	273	13	5	3	1	7	411		
	B	16	76	38	56	71	44	39	301		
New Castle County	A (2009 H1)	12	12	2	1	1	0	0	28	664	47%
	A (H3)	134	104	12	7	7	3	0	267		
	A (subtyping not performed)	53	171	9	0	8	0	4	245		
	B	6	30	12	27	18	20	11	124		
Kent County	A (2009 H1)	0	2	0	0	0	0	0	2	319	22%
	A (H3)	87	48	3	0	2	1	0	141		
	A (subtyping not performed)	41	49	2	3	0	0	3	98		
	B	6	14	7	11	19	9	12	78		
Sussex County	A (2009 H1)	0	1	0	0	0	0	0	4	443	31%
	A (H3)	89	115	12	8	1	0	1	226		
	A (subtyping not performed)	22	53	2	2	0	1	0	80		
	B	4	32	19	18	29	15	16	133		

Confirmed Flu Cases by Age Group		Wks 40-52	Wks 01-05	Wk06	Wk07	Wk08	Wk09	WK10	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	94	94	9	21	19	20	9	266	1426	
	5-24 years	180	191	35	35	40	18	13	512		
	25-49 years	82	119	8	7	13	9	10	248		
	50-64 years	44	78	13	8	3	0	6	152		
	65+ years	57	149	15	6	10	2	9	248		
New Castle County	0-4 years	35	35	4	11	5	9	1	100	665	47%
	5-24 years	67	76	11	14	14	11	3	196		
	25-49 years	34	61	1	1	4	3	5	109		
	50-64 years	27	9	11	6	2	0	2	95		
	65+ years	42	101	8	3	7	0	4	165		
Kent County	0-4 years	33	17	3	3	4	4	3	67	321	22%
	5-24 years	61	48	6	10	16	4	3	148		
	25-49 years	22	24	2	1	2	1	3	55		
	50-64 years	11	13	0	0	0	0	3	27		
	65+ years	7	12	1	0	0	1	3	24		
Sussex County	0-4 years	27	42	2	7	10	7	5	100	440	31%
	5-24 years	51	67	18	11	10	3	7	167		
	25-49 years	26	34	5	5	7	5	2	84		
	50-64 years	6	18	2	2	1	0	1	30		
	65+ years	8	36	6	3	3	1	2	59		

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 Related Hospitalizations		Wks 40-52	Wks 01-05	Wk06	Wk07	Wk08	Wk09	WK10	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	6	10	0	3	0	2	0	21	363	
	5-24 years	17	18	3	3	4	2	1	48		
	25-49 years	17	27	0	0	1	4	4	53		
	50-64 years	18	34	8	6	0	0	3	69		
	65+ years	40	107	9	3	5	2	6	172		
New Castle County	0-4 years	3	4	0	3	0	2	0	12	275	76%
	5-24 years	11	13	2	2	0	1	1	30		
	25-49 years	11	22	0	0	1	3	4	41		
	50-64 years	15	27	8	4	0	0	2	56		
	65+ years	32	89	6	1	5	0	3	136		
Kent County	0-4 years	2	2	0	0	0	0	0	4	50	14%
	5-24 years	3	6	1	0	2	0	0	12		
	25-49 years	3	5	0	0	0	1	0	9		
	50-64 years	2	6	0	0	0	0	1	9		
	65+ years	5	8	0	0	0	1	2	16		
Sussex County	0-4 years	1	4	0	0	0	0	0	5	38	10%
	5-24 years	3	0	0	0	2	1	0	6		
	25-49 years	3	0	0	0	0	0	0	3		
	50-64 years	1	1	0	2	0	0	0	4		
	65+ years	3	10	3	2	0	1	1	20		

Flu Related Deaths	Wks 40-52	Wks 01-05	Wk06	Wk07	Wk08	Wk09	WK10	Cumulative as of wk10
	0	2	1	1	0	0	0	4

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)	1426

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 10:

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
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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.)

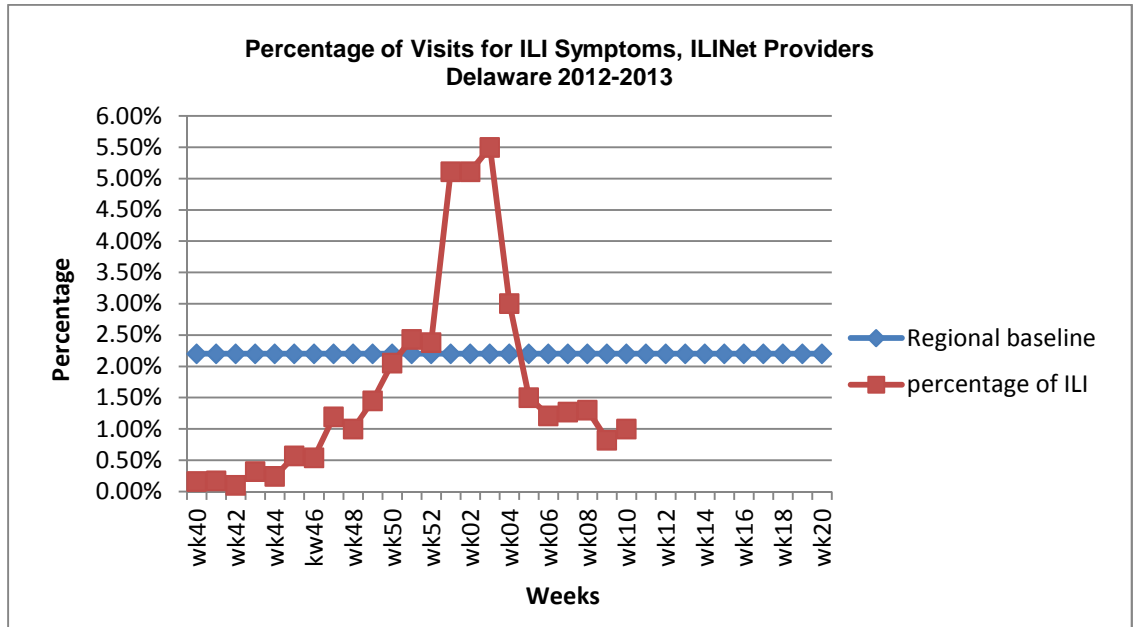
Widespread: Increase in ILI reports above the regional baseline and/or institutional outbreaks of influenza (ILI or lab confirmed) AND recent (within the past 3 weeks) laboratory confirmed influenza in at least two of the three counties.

¹2012-2013 Region 3 (DE, DC, MD, PA, VA & WV) Baseline=2.20%.

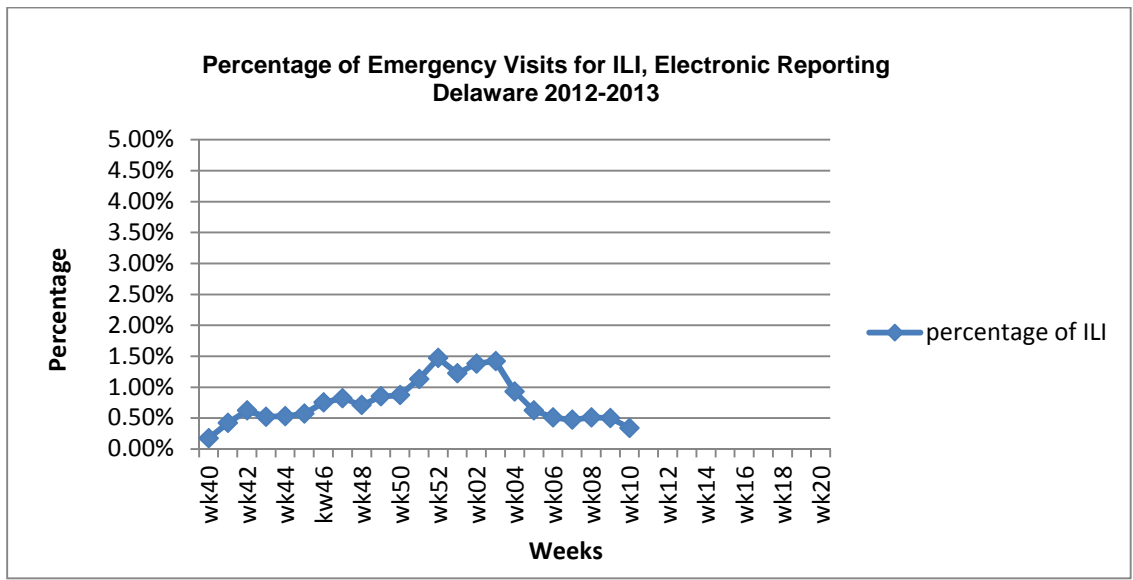
ILINet (Sentinel) Provider Surveillance Network:

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.

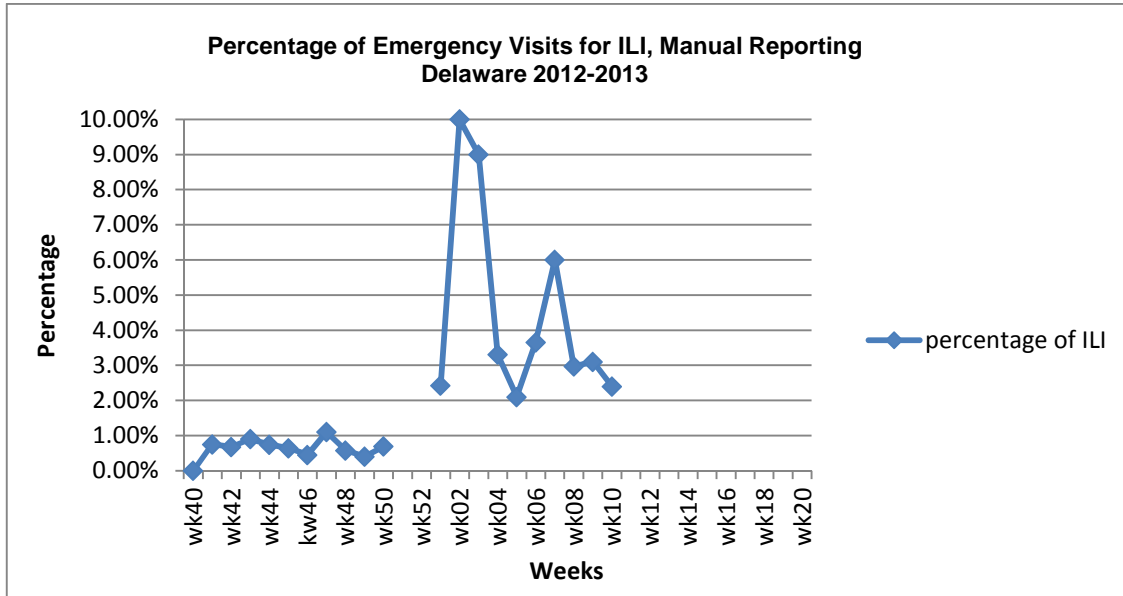
Influenza-Like Illness Reported from ILINet Providers (7 of 19 Reporting)



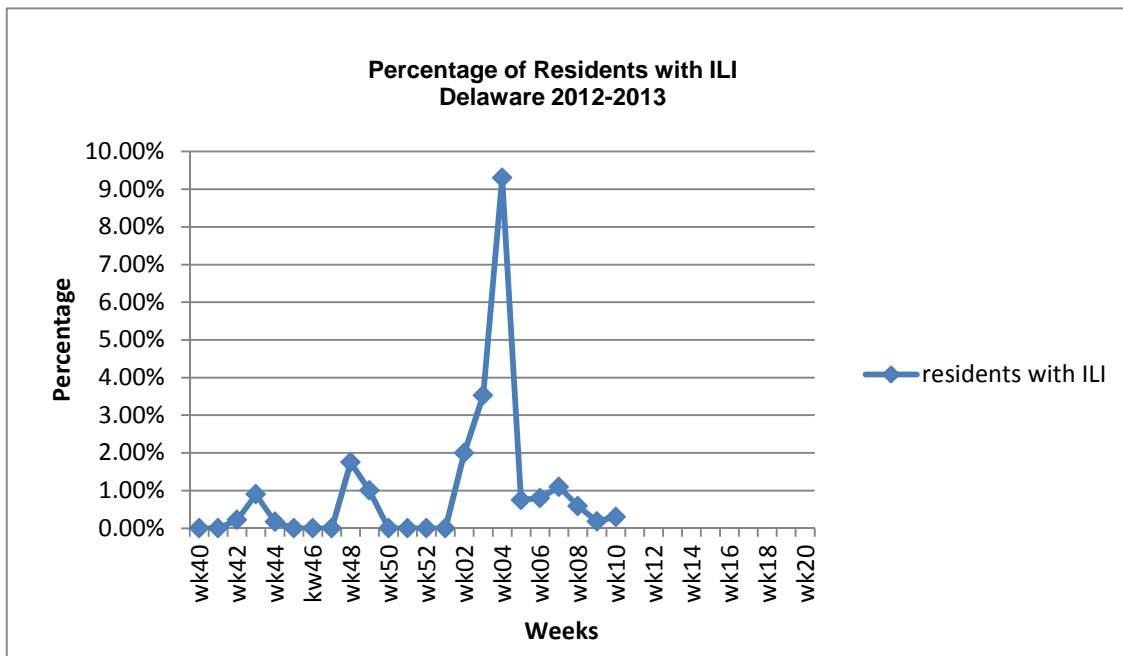
Hospital (Electronic) Surveillance Data: 7 of 7 Hospitals Reporting - Al DuPont, Bayhealth (Kent, Milford, Beebe), CCHS, Wilmington and St. Francis



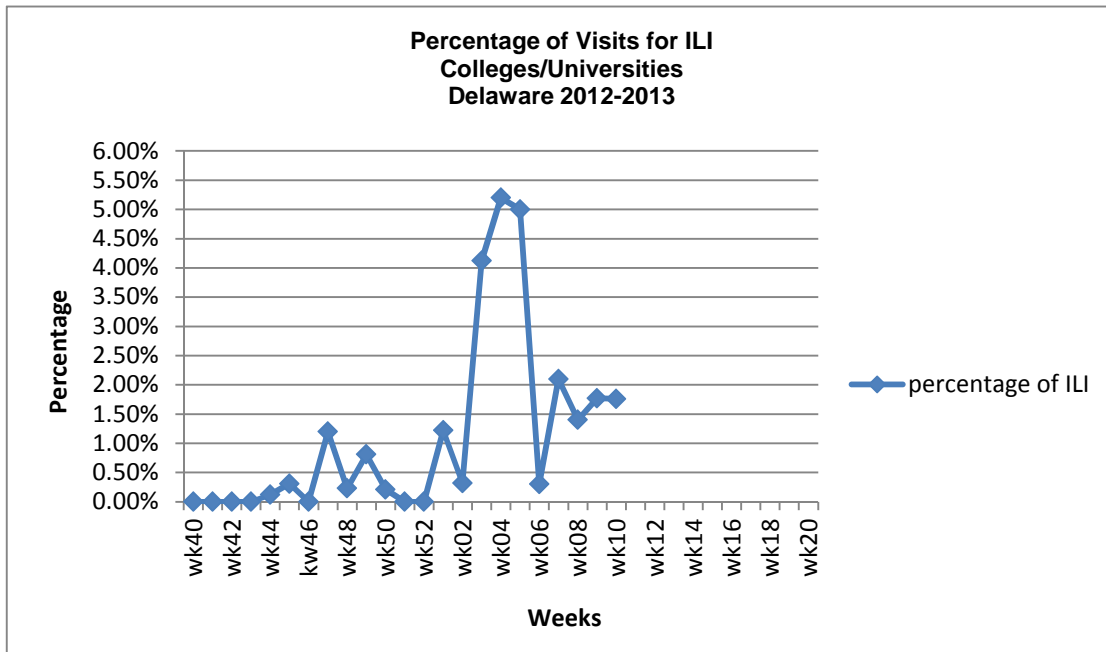
Hospital Manual Surveillance Data-Delaware 2012-2013: Nanticoke Memorial Hospital



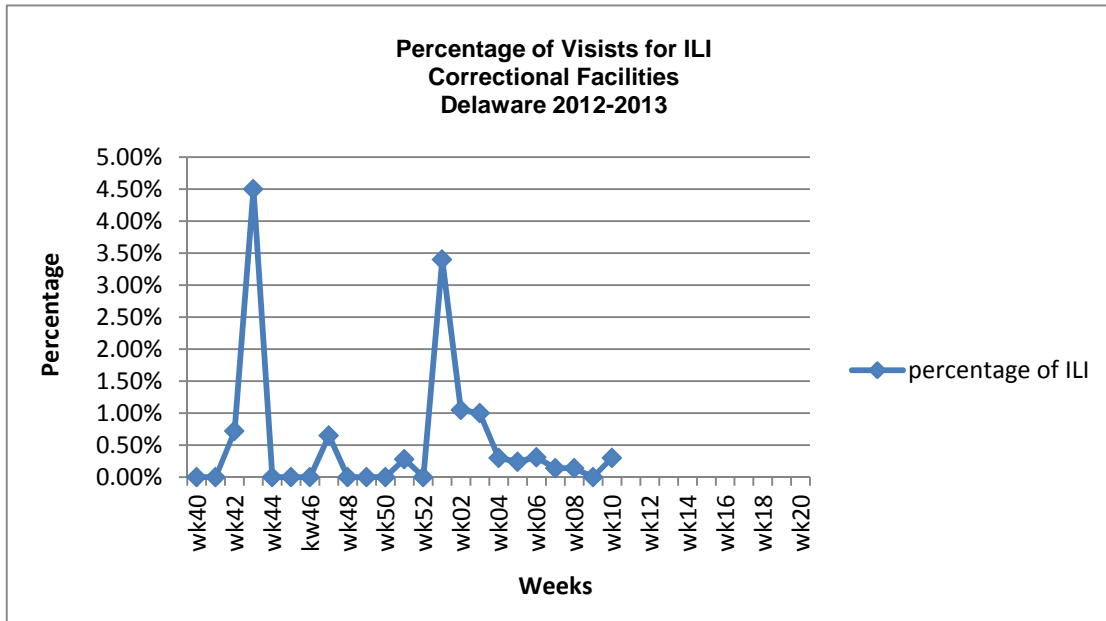
**Influenza-Like Illness (ILI) reported by Long Term Care Facilities (LTCFs) – Delaware 2012-2013
7 of 19 reporting**



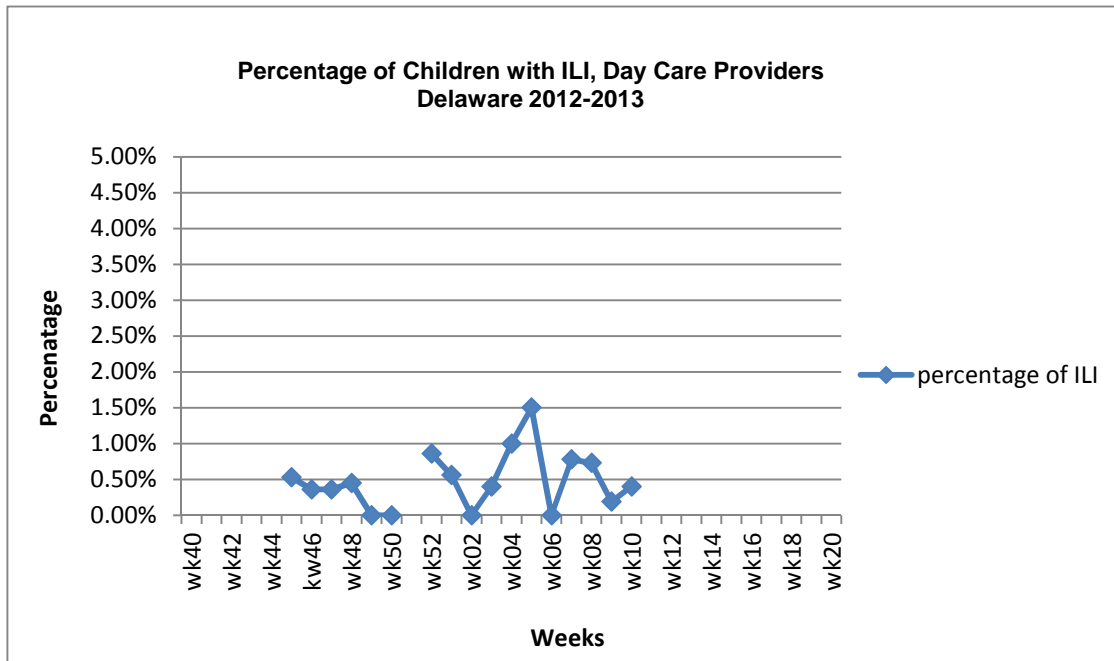
**Influenza-Like Illness (ILI) reported by Colleges/Universities—Delaware 2012-2013:
3 of 3 schools reporting (University of Delaware, Delaware State University, and Wesley College)**



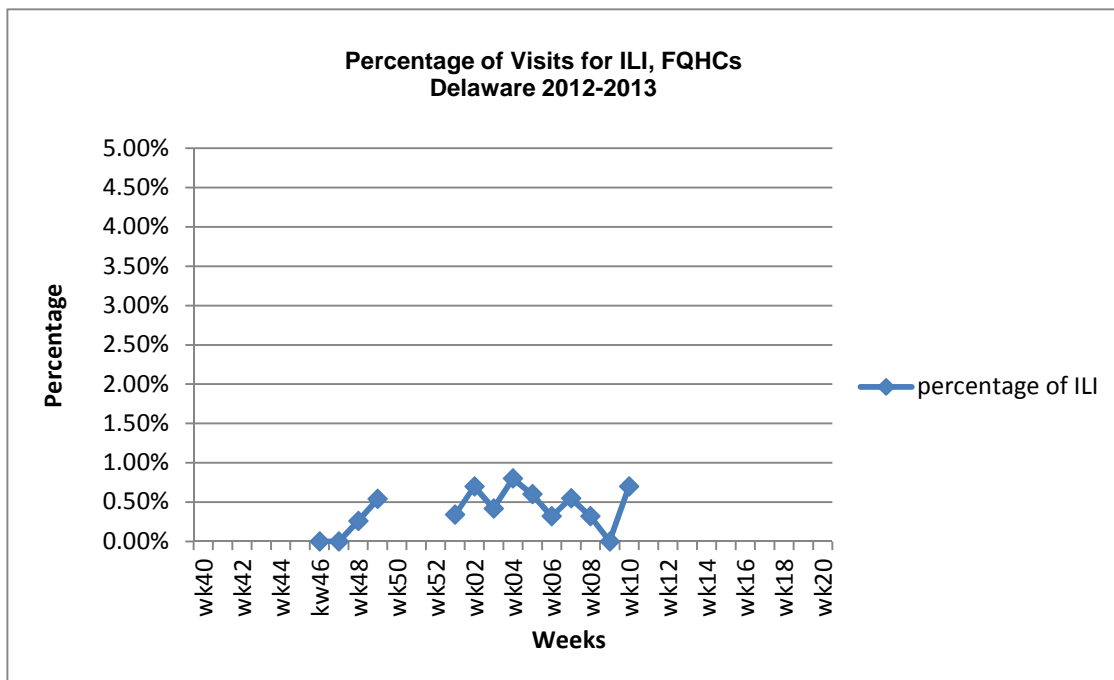
**Influenza-Like Illness (ILI) reported by Correctional Facilities—Delaware 2012-2013:
7 of 10 reporting**



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 (FQHCs)-Delaware 2012-2013
 1 of 2 reporting (LARED)



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.