



Delaware Weekly Influenza Report Week 08 (February 17- February 23, 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 68 confirmed cases of influenza among Delawareans during week 08.

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

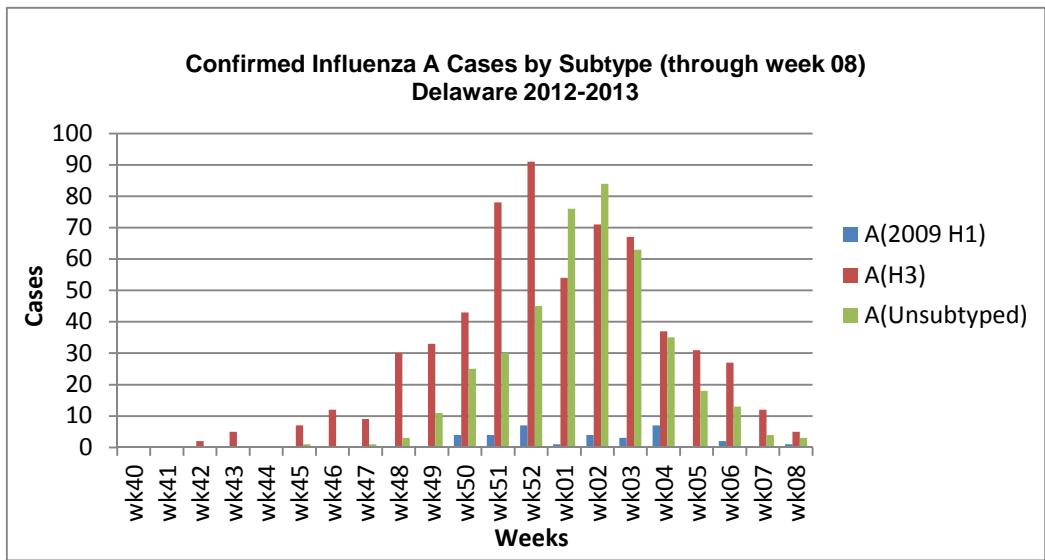
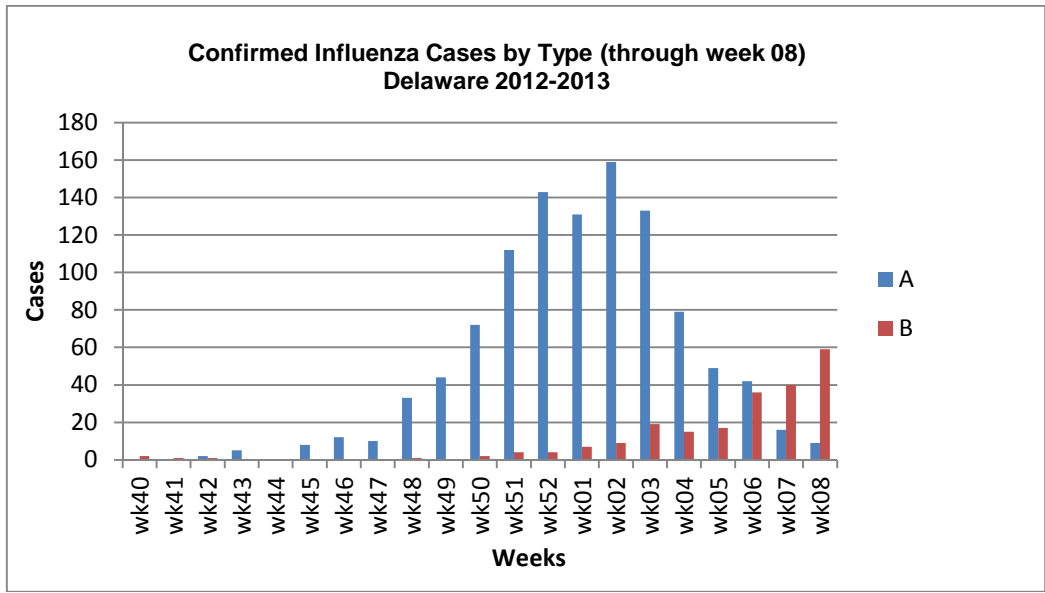
Influenza Positive¹ Cases Reported² through Week 08 (Week ending February 23, 2013)

Confirmed Flu Cases by Subtype		Wks 40-52	Wk01	Wk02	Wk03	Wk04	Wk05	Wk06	Wk07	Wk08	YTD	YTD Total	YTD Cnty%
Statewide	A (2009 H1)	15	1	4	3	7	0	2	1	1	34	1311	
	A (H3)	310	54	73	67	42	31	27	15	5	624		
	A (subtyping not performed)	116	76	86	62	31	18	13	5	3	410		
	B	16	7	9	19	15	26	38	54	59	243		
New Castle County	A (2009 H1)	12	1	4	2	5	0	2	1	1	28	615	47%
	A (H3)	134	23	22	29	17	13	12	7	4	261		
	A (subtyping not performed)	53	55	69	29	13	5	9	0	3	236		
	B	6	4	4	5	7	10	12	25	17	90		
Kent County	A (2009 H1)	0	0	0	1	1	0	0	0	0	2	292	22%
	A (H3)	87	8	13	14	6	7	3	0	1	139		
	A (subtyping not performed)	41	14	14	9	8	4	2	3	0	95		
	B	6	1	1	5	1	6	7	11	18	56		
Sussex County	A (2009 H1)	0	0	0	0	1	0	0	0	0	4	404	31%
	A (H3)	89	23	38	24	19	11	12	8	0	224		
	A (subtyping not performed)	22	7	3	24	10	9	2	2	0	79		
	B	4	2	4	9	7	10	19	18	24	97		

Confirmed Flu Cases by Age Group		Wks 40-52	Wk01	Wk02	Wk03	Wk04	Wk05	Wk06	Wk07	Wk08	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	94	9	30	24	22	9	9	20	14	231	1311	
	5-24 years	180	34	50	55	32	20	35	34	31	471		
	25-49 years	82	32	23	34	14	16	8	7	12	228		
	50-64 years	44	16	23	12	14	13	13	8	1	144		
	65+ years	57	47	46	27	12	17	15	6	10	237		
New Castle County	0-4 years	35	3	13	8	8	3	4	10	3	87	616	47%
	5-24 years	67	18	24	15	13	6	11	13	8	175		
	25-49 years	34	17	15	21	4	4	1	1	4	101		
	50-64 years	27	9	15	7	9	7	11	6	1	92		
	65+ years	42	36	33	16	7	9	8	3	7	161		
Kent County	0-4 years	33	4	5	4	2	2	3	3	4	60	294	22%
	5-24 years	61	9	13	12	6	8	6	10	14	139		
	25-49 years	22	7	6	5	3	3	2	1	2	51		
	50-64 years	11	1	3	3	5	1	0	0	0	24		
	65+ years	7	2	1	7	0	2	1	0	0	20		
Sussex County	0-4 years	27	2	12	12	12	4	2	7	7	85	401	31%
	5-24 years	51	7	13	28	13	6	18	11	9	156		
	25-49 years	26	8	2	8	7	9	5	5	6	76		
	50-64 years	6	6	5	2	0	5	2	2	0	28		
	65+ years	8	9	12	4	5	6	6	3	3	56		

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	Wk01	Wk02	Wk03	Wk04	Wk05	Wk06	Wk07	Wk08	YTD	YTD Total	YTD Cnty%
Statewide	0-4 years	6	2	0	1	5	2	0	2	0	18	334	
	5-24 years	17	7	4	5	2	0	3	2	2	42		
	25-49 years	17	10	2	8	3	4	0	0	1	45		
	50-64 years	18	8	8	4	9	5	8	5	0	65		
	65+ years	40	39	28	21	8	11	9	3	5	164		
New Castle County	0-4 years	3	0	0	0	3	1	0	2	0	9	257	77%
	5-24 years	11	5	4	2	1	0	2	1	0	27		
	25-49 years	11	10	2	5	2	3	0	0	1	34		
	50-64 years	15	7	8	3	6	3	8	4	0	54		
	65+ years	32	34	26	16	6	7	6	1	5	133		
Kent County	0-4 years	2	1	0	0	1	0	0	0	0	4	43	13%
	5-24 years	3	2	0	3	1	0	1	0	0	10		
	25-49 years	3	0	0	3	1	1	0	0	0	8		
	50-64 years	2	1	0	1	3	1	0	0	0	8		
	65+ years	5	1	1	4	0	2	0	0	0	13		
Sussex County	0-4 years	1	1	0	1	1	1	0	0	0	5	34	10%
	5-24 years	3	0	0	0	0	0	0	0	2	5		
	25-49 years	3	0	0	0	0	0	0	0	0	3		
	50-64 years	1	0	0	0	0	1	0	1	0	3		
	65+ years	3	4	1	1	2	2	3	2	0	18		

Flu Related Deaths	Wks 40-52	Wk01	Wk02	Wk03	Wk04	Wk05	Wk06	Wk07	Wk08	Cumulative as of wk08
	0	0	2	0	0	0	1	1	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)	1311

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 08:

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.)

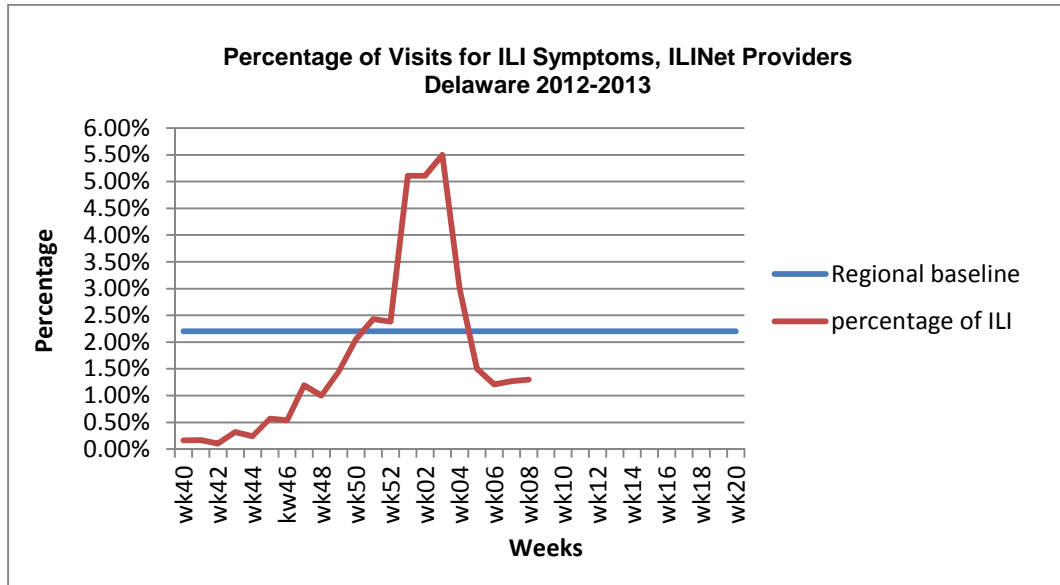
Widespread: Increase in ILI reports above the regional baseline and/or institutional outbreaks of influenza (ILI or lab confirmed) AND recent (within the past 3 weeks) laboratory confirmed influenza in at least two of the three counties.

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

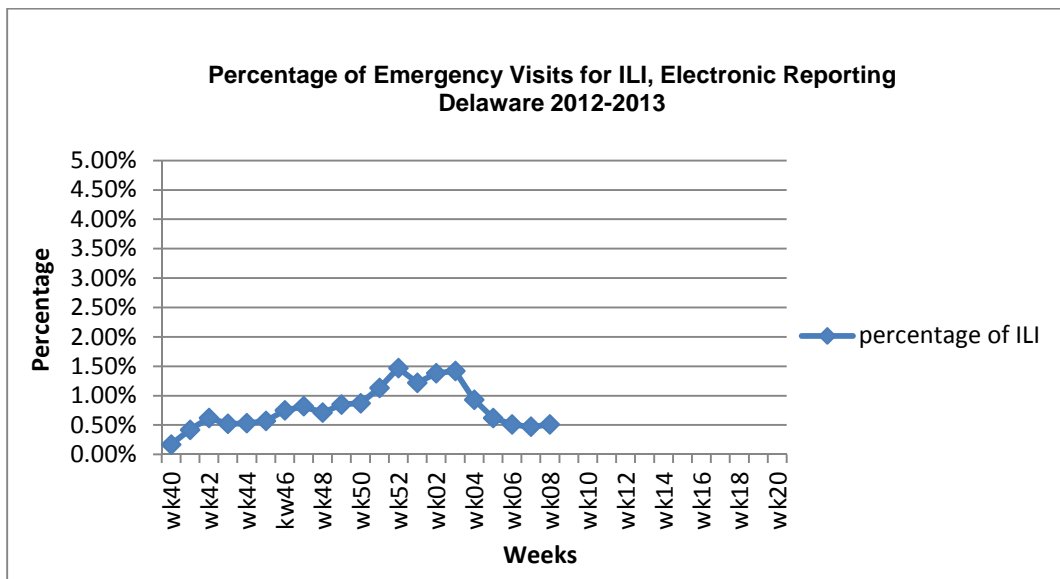
ILINet (Sentinel) Provider Surveillance Network:

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.

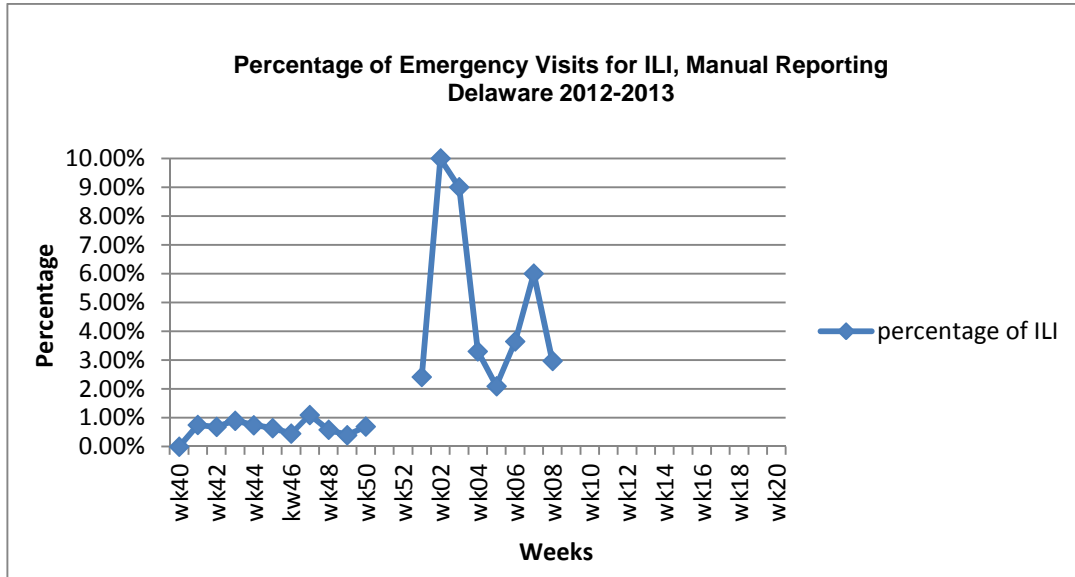
Influenza-Like Illness Reported from ILINet Providers (8 of 19 Reporting)



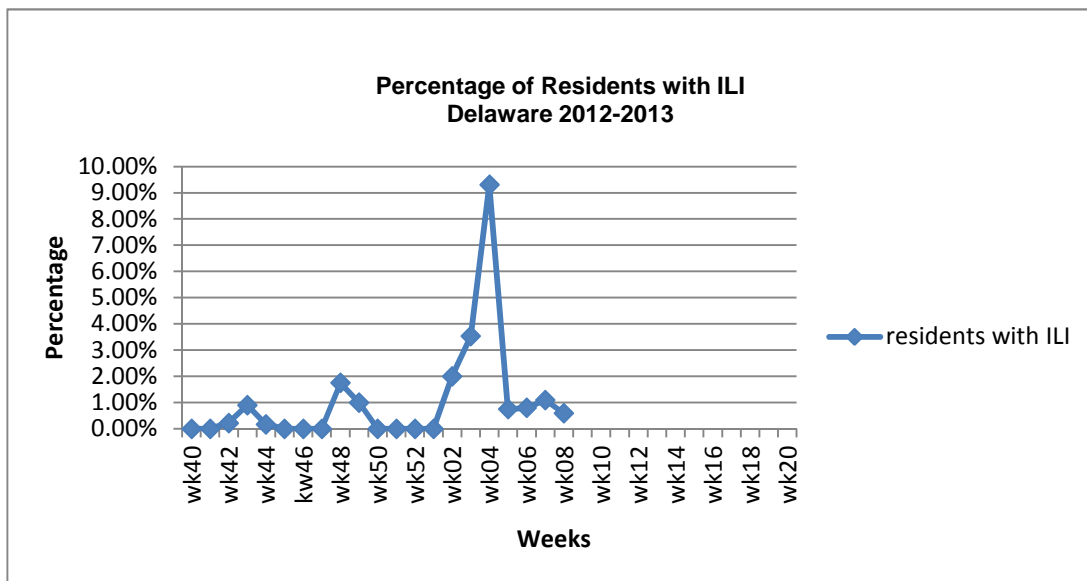
Hospital (Electronic) Surveillance Data: 7 of 7 Hospitals Reporting - Al DuPont, Bayhealth (Kent, Milford, Beebe), CCHS, Wilmington and St. Francis.



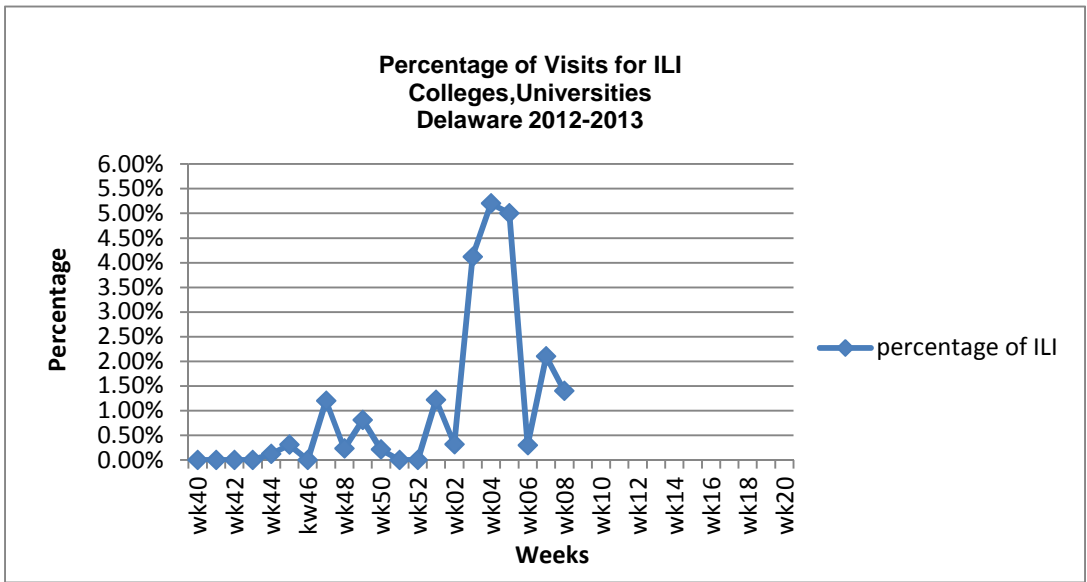
Hospital Manual Surveillance Data-Delaware 2012-2013: Nanticoke Memorial Hospital



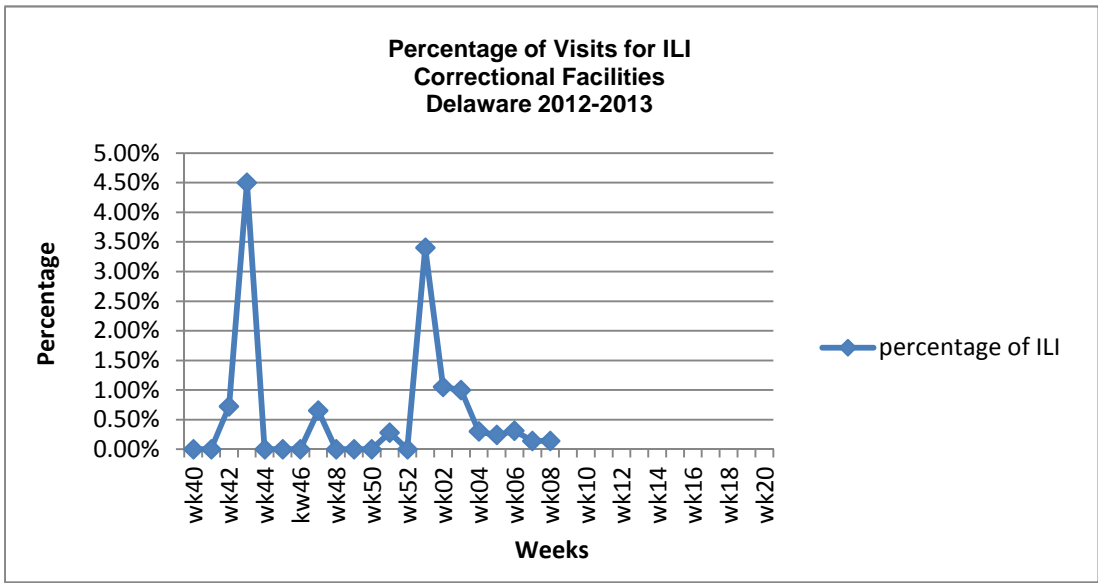
**Influenza-Like Illness (ILI) reported by Long Term Care Facilities (LTCFs) – Delaware 2012-2013
9 of 19 reporting**



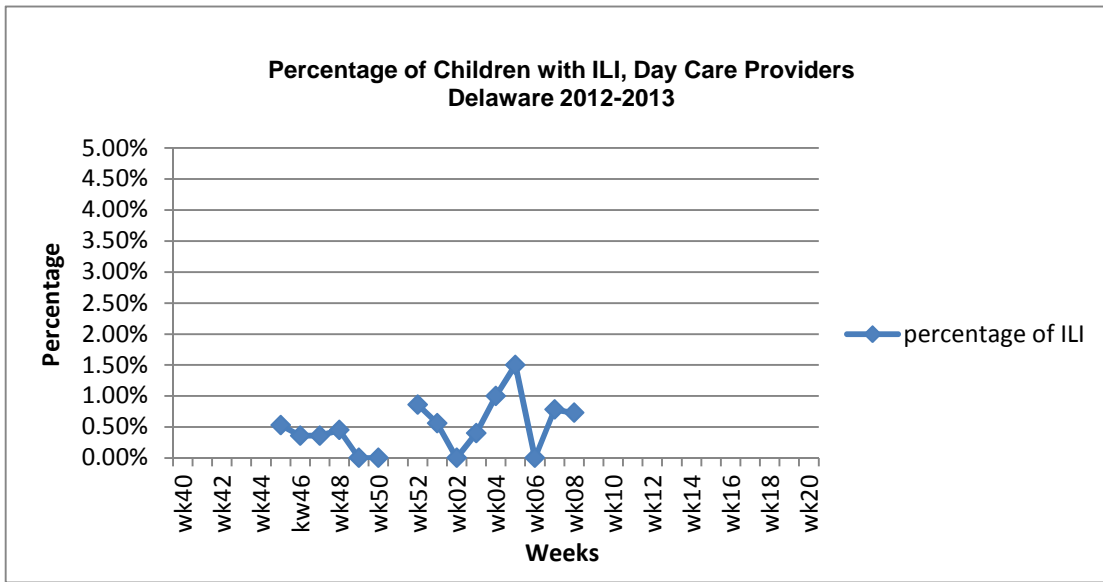
**Influenza-Like Illness (ILI) reported by Colleges/Universities—Delaware 2012-2013:
3 of 3 schools reporting (University of Delaware, Delaware State University, and Wesley College)**



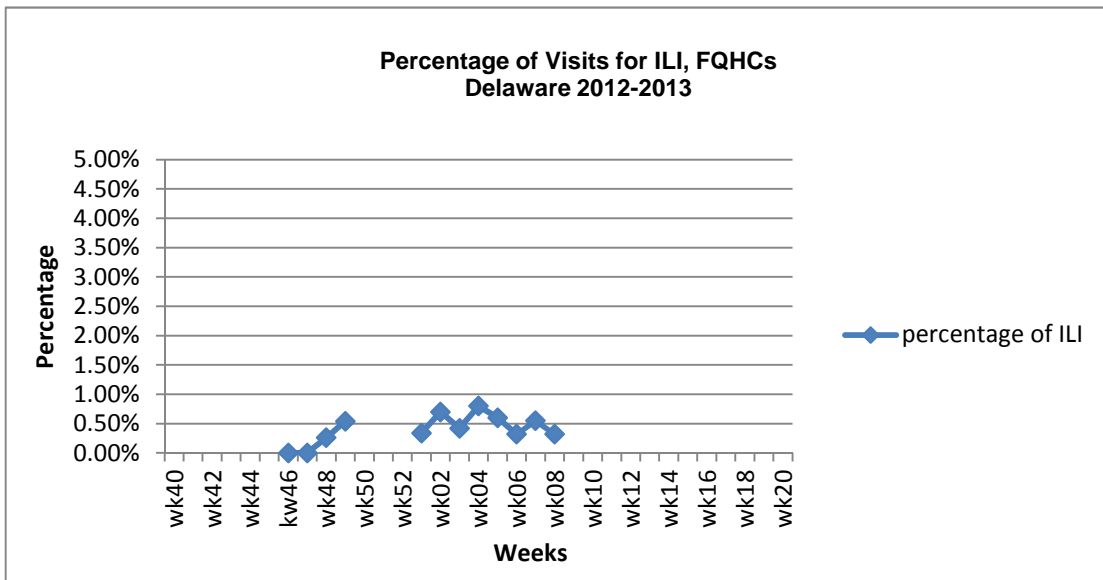
**Influenza-Like Illness (ILI) reported by Correctional Facilities—Delaware 2012-2013:
7 of 10 reporting**



**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
2 of 2 reporting (Henrietta Johnson Medical Center and 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.