

# Influenza Surveillance Report

Division of Epidemiology - Disease Surveillance and Investigation  
 District of Columbia Department of Health

## 2013-2014 Influenza Season Week 40 (September 29, 2013 – October 5, 2013)

(All data are preliminary and may change as more reports are received)

### SUMMARY

- 0 cases of Influenza were reported by hospitals during this reporting period.
- Zero pediatric-deaths associated with Influenza were recorded during this reporting period.
- For the 2013-2014 Influenza Season to-date, 0 positive Influenza cases have been reported.

### INFLUENZA SURVEILLANCE FROM HOSPITALS & AMBULATORY CARE FACILITIES

District of Columbia hospitals and laboratories report detailed information on cases of Influenza on a daily basis. However, in accordance with CDC guidelines, only Influenza-associated deaths in cases <18 years of age and Novel Influenza A infections are reportable.

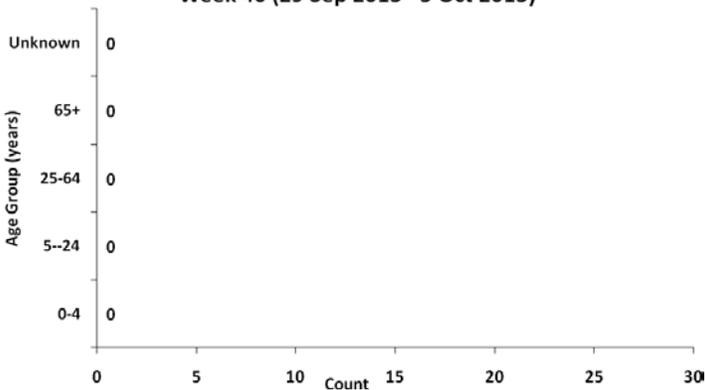
The table below summarizes weekly and cumulative cases of Influenza for the 2013-2014 Season. Data are also presented by age group and by number of cases reported weekly. During week 40 (September 29, 2013–October 5, 2013), there were 0 new cases of Influenza reported. To date, the District has received 0 positive Influenza cases reported by hospitals.

### Surveillance of Influenza Cases Reported By Influenza Type

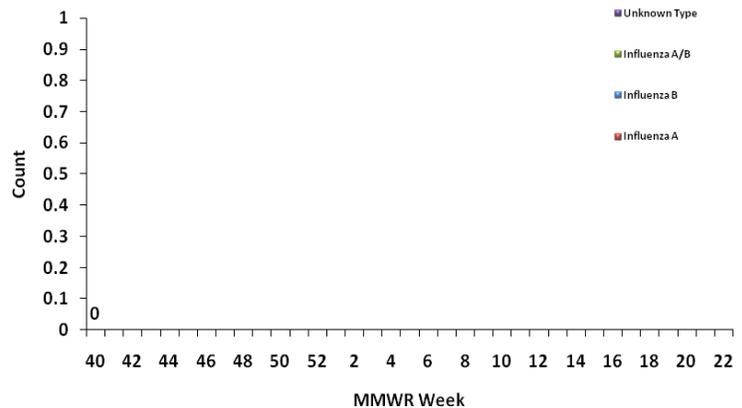
	Week 40 (September 29, 2013– October 5, 2013)		Cumulative Cases for Weeks 40 – 20 (September 29, 2013 – May 17, 2013)	
	Count	Percentage	Count	Percentage
<b>Influenza A</b>	0	(0%)	0	(0%)
<b>Influenza B</b>	0	(0%)	0	(0%)
<b>Influenza A/B</b>	0	(0%)	0	(0%)
<b>Influenza (not typed)</b>	0	(0%)	0	(0%)
<b>Total</b>	0*	(100%)	0*	(100.0%)

\*Includes results from Rapid Diagnostic Testing, Viral Culture, RT-PCR, Serology, and Immunofluorescence.

Positive Influenza Tests, by Age Group  
 Week 40 (29 Sep 2013 - 5 Oct 2013)



Positive Influenza Tests by Week  
 September 29 2013 - May 17, 2014



**RAPID DIAGNOSTIC TESTING**

Rapid Diagnostic Tests are screening tests used to detect the Influenza virus in a short period of time. While initially less accurate than PCR and viral culture, rapid diagnostics are more accurate as the Influenza season progresses. During week 40, 43 out of a total of 46 tests were performed using rapid diagnostic testing in clinical laboratories. Of these, 0 (0%) positive Influenza specimens were identified during week 40 using rapid diagnostics.

Week: 40 (September 29, 2013– October 5, 2013)	
No. of specimens tested Rapid Diagnostics	43
No. of positive specimens (%)	0 (0%)
<b>Positive specimens by type/subtype</b>	
Influenza A	0 (0%)
Influenza B	0 (0%)
Influenza A/B	0 (0%)
Influenza – unknown type	0 (0%)

**INFLUENZA-LIKE ILLNESS (ILI) SURVEILLANCE**

Sentinel surveillance for ILI consists of three outpatient reporting sites for the District of Columbia. The sentinel surveillance sites report the total number of ILI cases encountered per week and the total number of patients seen at the clinic during that same week. For this system, ILI is defined as the existence of fever (temperature of 100°F [37.8°C] or greater) and a cough and/or a sore throat in the absence of a known cause other than Influenza.

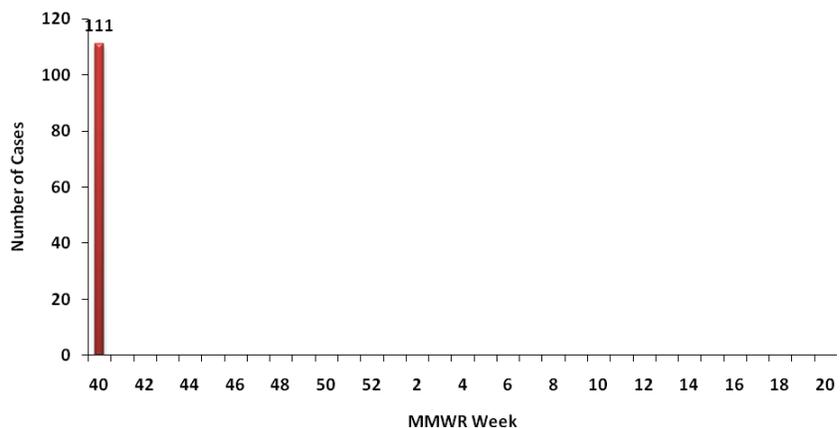
For week 40, sentinel providers reported 111 visits out of 1498 (7.40%) met the criteria for ILI.

**Sentinel Surveillance ILI Activity for Washington, DC**

Week of	Activity *
Sep 29 – Oct 5	No Activity

- \*No Activity** – overall clinical activity remains low and there are no lab confirmed Influenza cases;
- Sporadic** – isolated lab confirmed Influenza cases reported and ILI activity is not increased;
- Local** – increased ILI activity and recent lab confirmed Influenza cases. As the District of Columbia is not a state, this is the highest level of ILI activity it can report.

**Influenza-Like Illness Reported by MMWR Weekly  
September 29, 2013 - May 17, 2014**



**INFLUENZA TESTING BY THE DISTRICT OF COLUMBIA PUBLIC HEALTH LABORATORY (DC PHL)**

The DC PHL subtypes human isolates to monitor the circulating strains of Influenza. The isolates are submitted to the DC PHL by hospitals and commercial laboratories. In week 40, 0 out of 2 specimens sent to the DC PHL have tested positive for Influenza. Cumulatively from October 1, 2013 to October 5, 2013, 2 specimens have been tested, of which there have been 0 positive specimens.

**DC PHL Surveillance of Influenza Cases Reported By Influenza Subtype**

DC PHL Influenza Testing	Total Cases	
	October 1, 2013 – October 5, 2013	October 1, 2013 – October 5, 2013
<b>Number of specimens tested</b>	2	2
◆ <b>Number of specimens positive for Influenza:</b>	0 (0%)	0 (0%)
● <b>Influenza A</b>	0 (0%)	0 (0%)
▪ <b>H1 2009 H1N1</b>	0 (0%)	0 (0%)
▪ <b>H1 seasonal</b>	0 (0%)	0 (0%)
▪ <b>H3</b>	0 (0%)	0 (0%)
● <b>Influenza B</b>	0 (0%)	0 (0%)

**NATIONAL INFLUENZA ASSESSMENT**

The CDC’s weekly seasonal Influenza surveillance report for week 40 is not available due to the government shutdown.

Get Vaccinated!  
 To find an Influenza vaccine provider, visit the District of Columbia Immunization Resource Center at <http://doh.dc.gov/node/190532>

★ ★ ★ For additional information about Influenza and Influenza activity in the United States, please visit: <http://www.cdc.gov/flu/index.htm>.



Questions about Influenza in the District of Columbia or this report should be directed to the Division of Epidemiology - Disease Surveillance and Investigation at (202) 442-8141 or email [gabrielle.ray@dc.gov](mailto:gabrielle.ray@dc.gov).