

Week 40: October 2-8, 2011

ILLINOIS DEPARTMENT OF PUBLIC HEALTH



# Illinois Influenza Surveillance Report

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Week 40: Week Ending Saturday, October 8, 2011

Division of Infectious Diseases Immunizations Section

10/14/2011

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## Summary

- During CDC Week 40, the proportion of outpatient visits for influenza-like illness (ILI)<sup>1</sup> was 2.03%.
- The risk of illness due to influenza viruses is low. Numerous respiratory viruses can cause ILI, and these viruses are now more prevalent than influenza viruses. <sup>i</sup>
- Based on CDC criteria; influenza activity is classified as **no activity** (see CDC FLU View Section).
- During week 40, none of the (2) specimen tested by Illinois Department of Public Health laboratory tested positive for influenza.
- No influenza-associated pediatric deaths were reported.
- There was one influenza related Intensive Care Unit (ICU) admission and no deaths reported for week 40.

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<sup>1</sup> ILI "Influenza like Illness" is defined as fever  $\geq$  100°F and cough and/or sore throat.

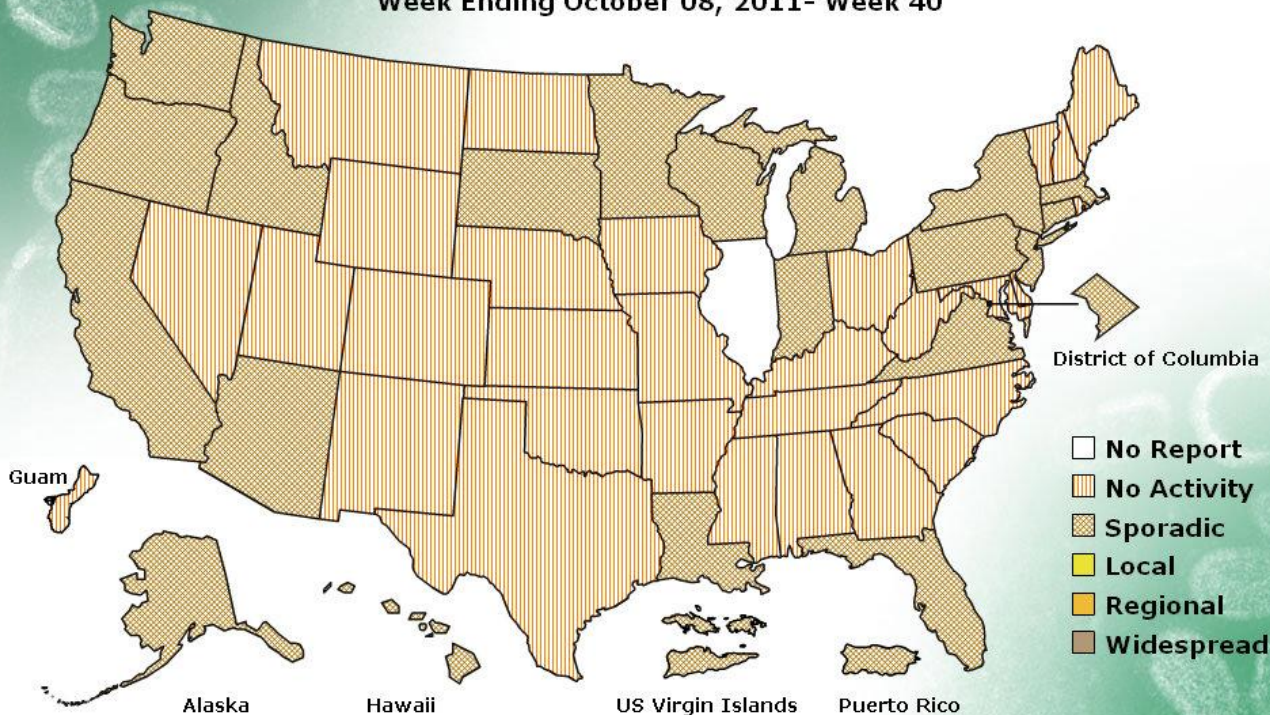
CDC Flu View

# FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division  
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\*

Week Ending October 08, 2011- Week 40



\*This map indicates geographic spread and does not measure the severity of influenza activity.

**No activity:** No laboratory confirmed cases of influenza and no reported increase in cases of influenza like illness (ILI).

**Sporadic:** Small numbers of laboratory confirmed influenza cases or a single laboratory confirmed influenza in a single region of the state.

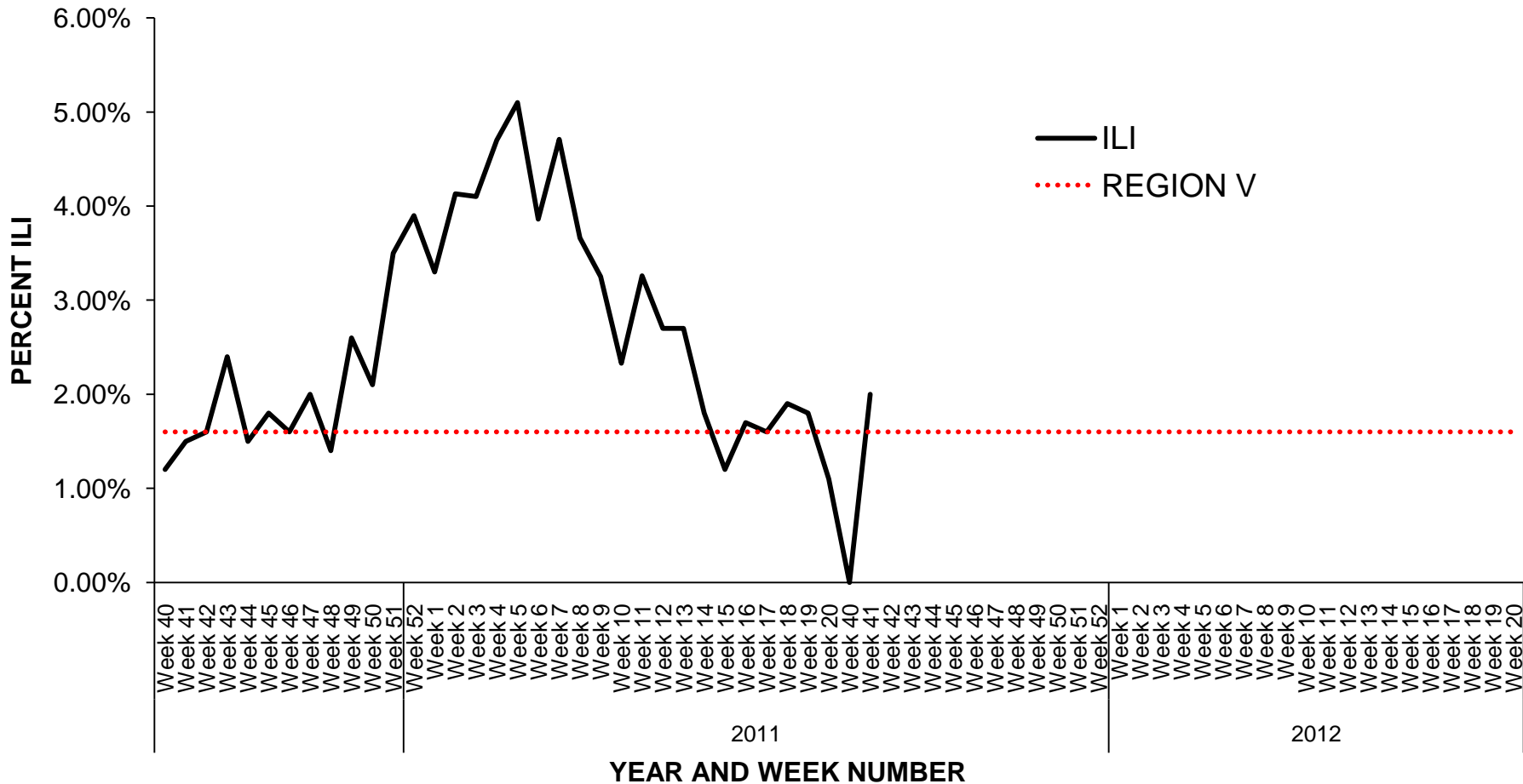
**Local:** Outbreaks of influenza or increases in ILI and recent laboratory confirmed influenza in a single region of the state.

**Regional:** Outbreaks of influenza or increases in ILI and recent laboratory confirmed influenza in at least two but less than half the regions of the state.

**Widespread:** Outbreaks of influenza or increases in ILI cases and recent laboratory confirmed influenza in at least half the regions in the state.

**ILI Net Provider Surveillance**

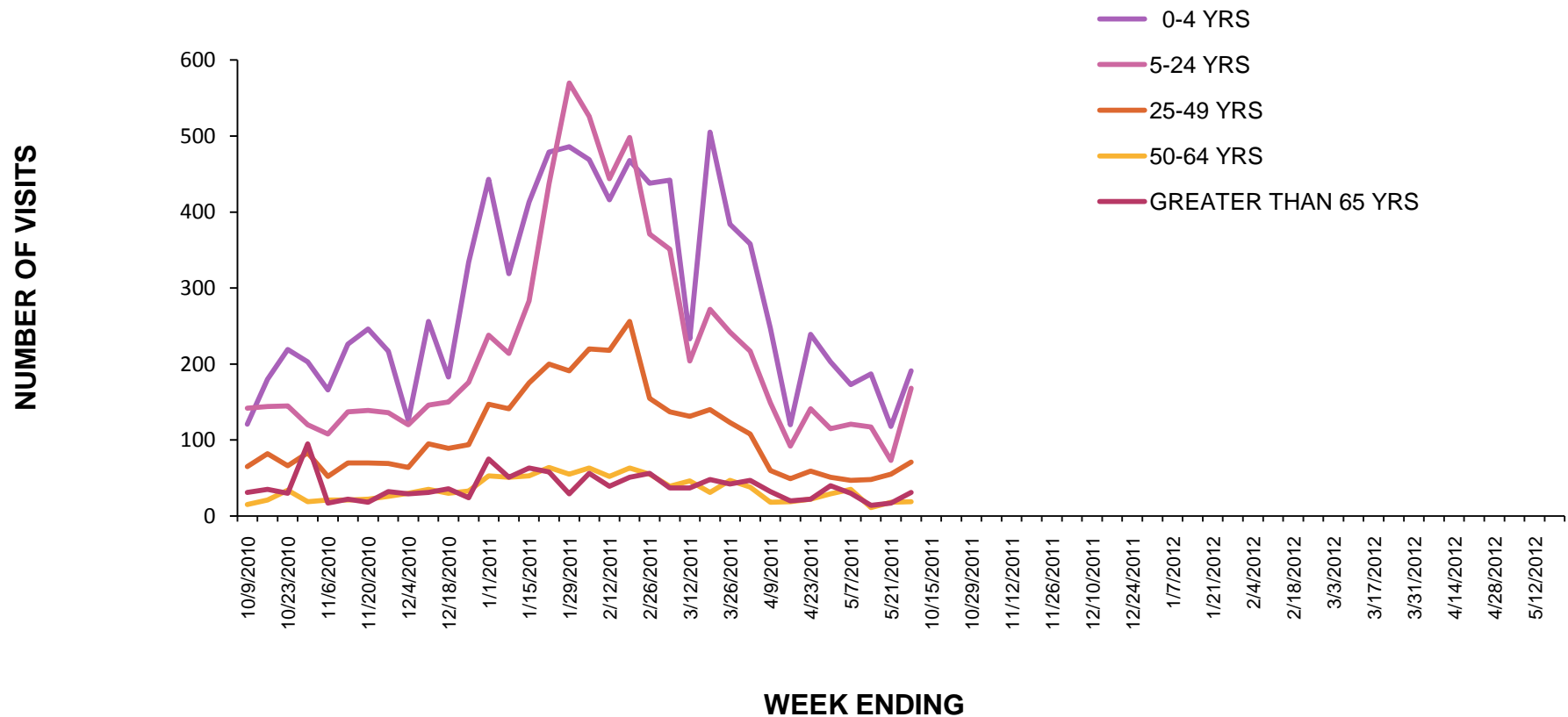
***Influenza Like Illness Outpatient Surveillance 2010-2012***



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**ILI Visits by Age Group**

**2010 -12 INFLUENZA SEASON PROPORTION OF ILI OFFICE VISITS  
BY AGE GROUP**



### **Great Lakes Naval Recruit Influenza Surveillance**

Febrile Respiratory Illness (FRI) surveillance<sup>2</sup> at Naval Recruit Training Command, Great Lakes for this week is **at or below expected value**. For more information visit <http://www.med.navy.mil/sites/nhrc/geis/Pages/default.aspx>

### **Influenza Intensive Care Unit Admissions and Deaths**

There was one Influenza related ICU admission and no deaths week ending October 8, 2011.

Week No	Admissions No.(%)	Deaths
40	1	0

This is the first week of the 2011-2012 Flu Season. In coming weeks data will reflect any increase or decrease in ICU admissions and deaths from previous weeks.

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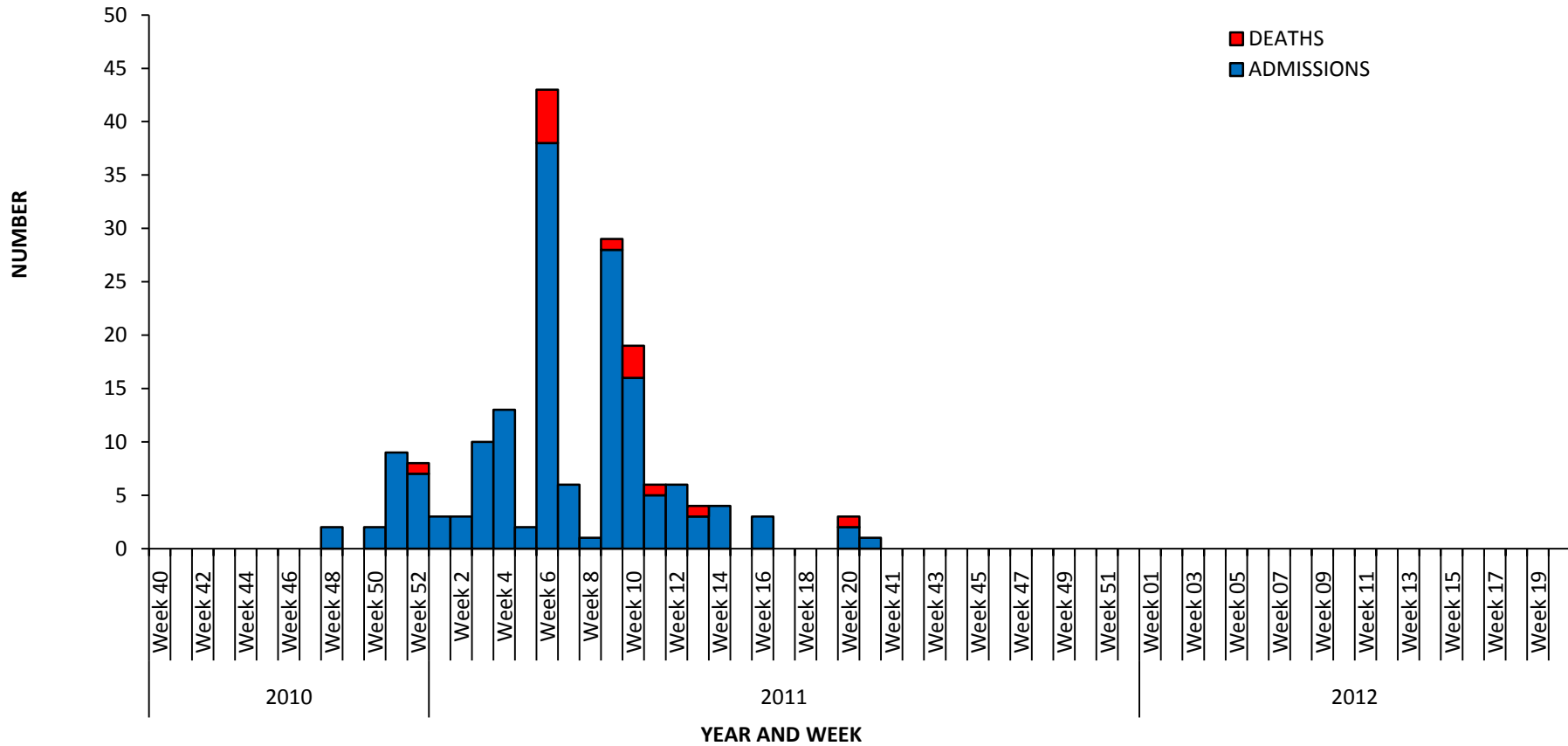
<sup>2</sup> FRI surveillance is ongoing at 8 U.S. military basic training centers, representing all service branches. FRI Rate Status is classified into one of 3 categories:

1. At or below expected value (expected value shown as dashed line)
2. Moderately elevated
3. Substantially elevated

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**Intensive Care Influenza Admissions and Death –Epicurve**

**Intensive Care Influenza Admissions and Deaths 2010-2012**





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**Laboratory Surveillance**

During week 40, no specimens tested by Illinois WHO/NREVSS<sup>3</sup> collaborating laboratories in Illinois tested positive for influenza.

Week	No of Labs Reporting	A (H1)	2009(A)H1N1	A (H3)	A(Unable to subtype)	A(Sub typing not performed)	B	Total # Tested	% Positive
40	1	0	0	0	0	0	0	2	0

**Viral Resistance**

No data available

**Number of Outbreaks Reported in Long-Term Facilities and Nursing Homes**

There were no outbreaks reported in long-term care facilities for week 40.

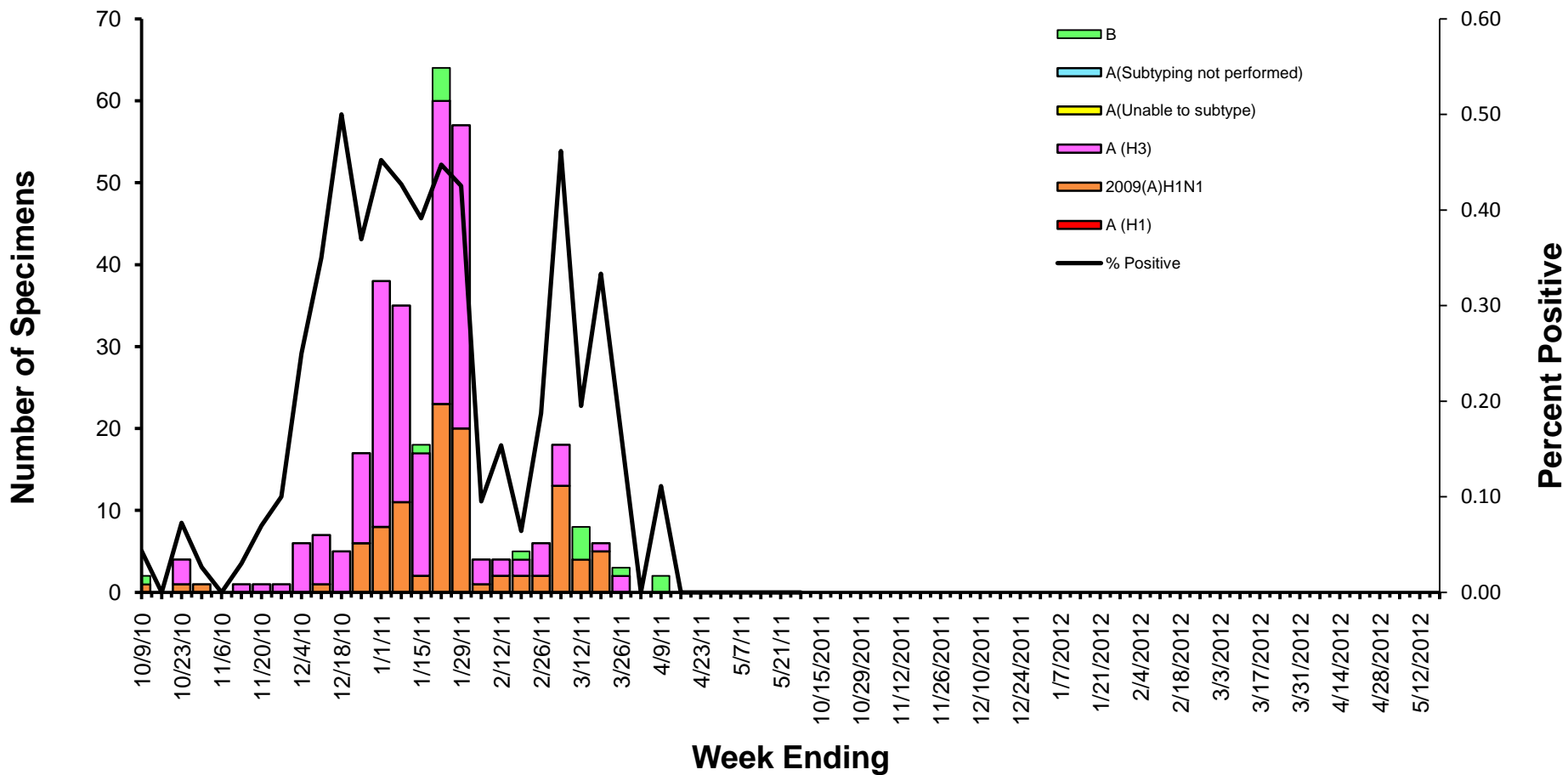
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<sup>3</sup> WHO/NREVSS Collaborating Laboratories WHO/NREVSS Collaborating Laboratories: For **viral surveillance** - About 80 U.S. World Health Organization (WHO) Collaborating Laboratories and 70 National Respiratory and Enteric Virus Surveillance System (NREVSS), located throughout the United States report daily or weekly the results of their testing.

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**Weekly Viral Subtype**

**Influenza Isolates from Illinois Reported by  
WHO/NREVSS Collaborating Laboratories  
2010-2012**



## **Resources**

- Centers for Disease Control and Prevention Influenza Website:  
<http://www.cdc.gov/flu/weekly/fluactivity.htm>
- Immunization Action Coalition Website: <http://immunize.org/>
- IDPH Website <http://www.idph.state.il.us/flu/surveillance.htm>
- ACL Clinical Laboratory Respiratory Panel  
<http://www.acllaboratories.com/admin/upload-area/files/2010%20Infectious%20Disease/1%20RVP%20Jun27%20-%20Oct%2016.pdf>
- St Louis Children's Hospital Clinical Laboratory Respiratory Panel  
<http://www.stlouischildrens.org/content/ClinicalLaboratories.htm>

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<sup>i</sup> For more information regarding circulating respiratory viruses, see

a. <http://www.cdc.gov/surveillance/nrevss/rsv/state.html>

b. <http://www.acllaboratories.com/>

c. [www.stlouischildrens.org/content/ClinicalLaboratories.htm](http://www.stlouischildrens.org/content/ClinicalLaboratories.htm)