

# U.S. Army Influenza Activity Report

Click on images to enlarge.

Week Ending 06 October 2012 (Week 40)

## 2012-2013 Seasonal Influenza Vaccination Coverage

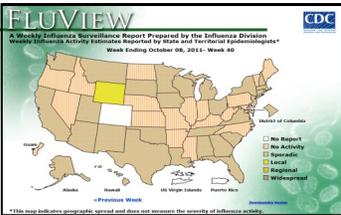
As of 09 OCT 2012

54%	DOD
48%	Army Active Duty
29%	Army Guard
18%	Army Reserve

**SYNOPSIS:** Current influenza and influenza-like illness activity is low in US Army and civilian populations. All beneficiaries aged 6 months and older should receive this year's influenza vaccine, unless medically exempted.

- **ILI Activity:** Army beneficiary outpatient visits for incident influenza-like illness are lower this year than at same time in the last two seasons
- **Viral specimens:** During week forty (2012) 24 of 414 (6%) specimens submitted for testing were positive for respiratory disease. Influenza A was identified in 4 (6%) of these positive samples.
- **Influenza cases:** No hospitalized influenza cases have been reported in DRSi through week forty of the 2012-2013 season.
- **Army MEDCEN & reporting trend:** RSV was the most commonly identified respiratory pathogen during week 40 (2012) account for 50% of positive specimens, respectively.

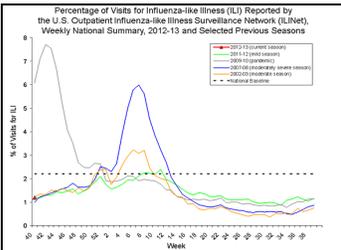
## Geographic Spread



### United States

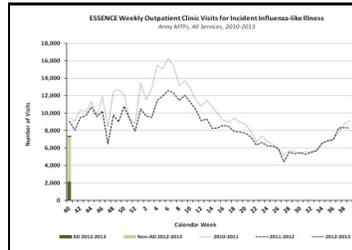
- Widespread influenza activity was not reported by any state.
- No states reported regional activity.
- Local influenza activity was reported in one state (WY).
- The remaining states and territories reported sporadic cases or no influenza.

## ILI Activity United States



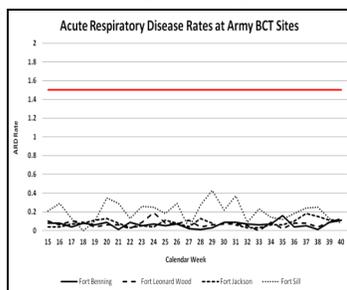
- For week forty (2012), 1.2% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.2%.

## ILI Activity Army



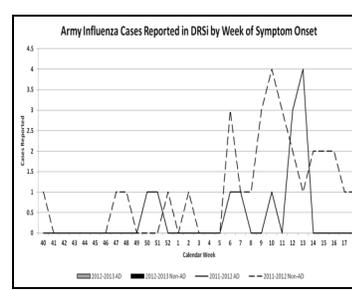
- Overall incident ILI activity is 19% lower this year than last year at this time.
- Active Duty Service Members were responsible for 30% of incident ILI clinic visits during week 40; on average AD SMs comprised 42% of ILI clinic visits during the previous influenza season.

## Acute Respiratory Disease Surveillance



- ARDS rates are lower at all BCT sites during week 40 (2012) compared to the same week in 2011.
- According to the Naval Health Research Center data, there have been no cases of adenovirus 4 or 7 since January 2012.

## DRSi Influenza Case Reporting

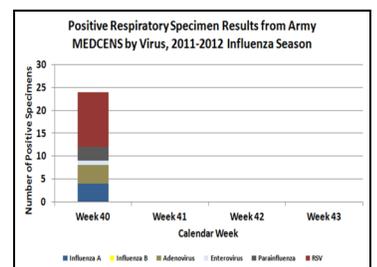


- No cases of hospitalized influenza have been reported in DRSi for week 40.
- Only one case had been reported during the same period last year.
- Since July 2012, eight cases of influenza-associated hospitalizations have occurred at Army MTFs, two of which have been in Army active duty personnel.

## Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 40	Week 41	Week 42	Week 43	Total
Influenza A	4				4
Influenza B	0				0
Adenovirus	4				4
Enterovirus	1				1
Parainfluenza	3				3
RSV	12				12
Negative	390				390
<b>Total Results</b>	<b>414</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>414</b>

- For week 40 (2012), 6% of all samples collected from Army MTFs were positive for respiratory disease.
- RSV accounted for the majority of the positive samples (50%).
- Parainfluenza and adenovirus accounted for 13% and 16% of all positive samples in week 40 (2012).
- Influenza A accounted for 6% of positive samples.
- Six (of ten) MEDCENs submitted reports for week 40 (2012) and 13 reports were received for other Army MTFs.



**Additional Resources:** Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC

**Key:** ILI - Influenza-Like Illness; DRSi- Disease Reporting System Internet; ARD - Acute Respiratory Disease; NHRC - Naval Health Research Center; ADV - Adenovirus; RSV - Respiratory Syncytial Virus

## Questions?

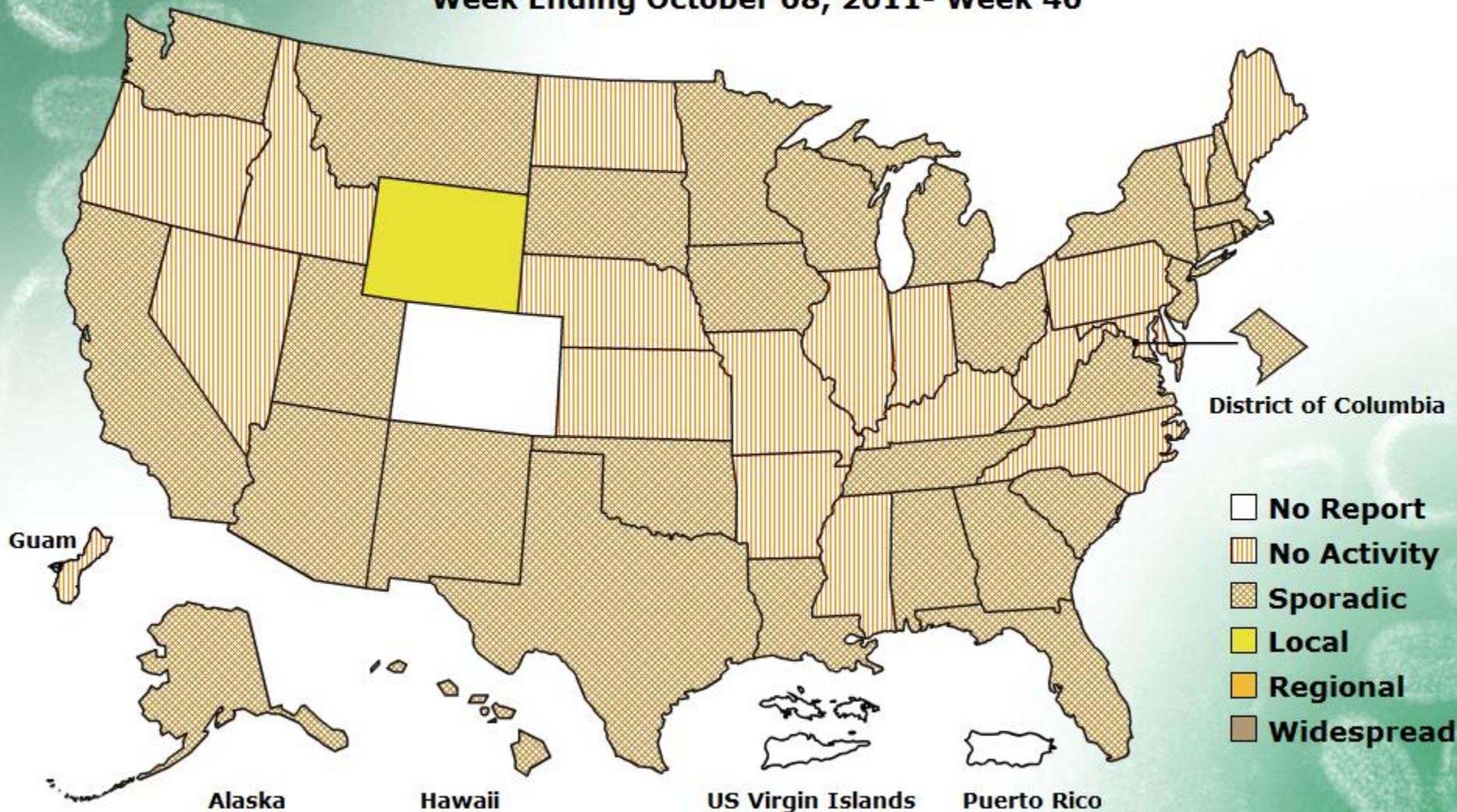
<http://phc.amedd.army.mil>

# 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**

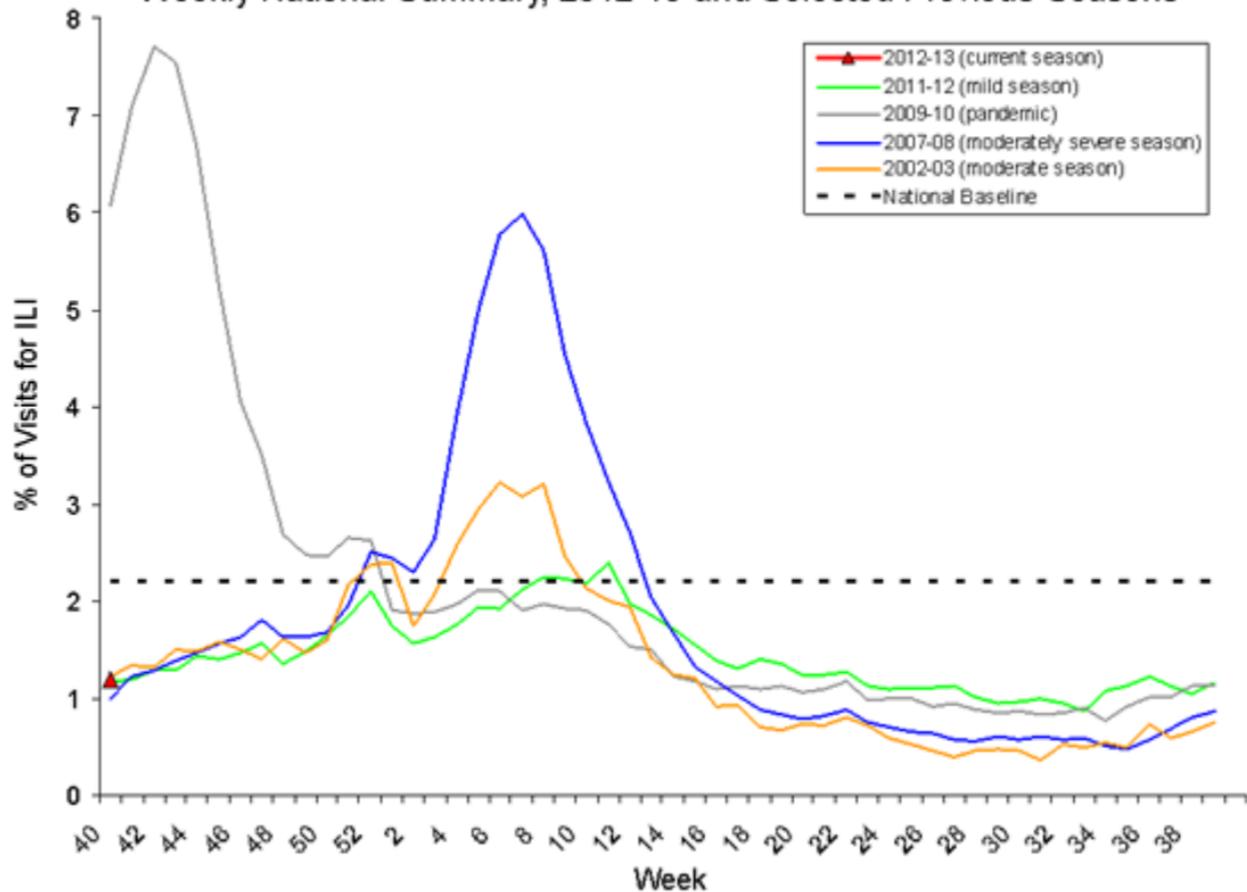


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\*This map indicates geographic spread and does not measure the severity of influenza activity.

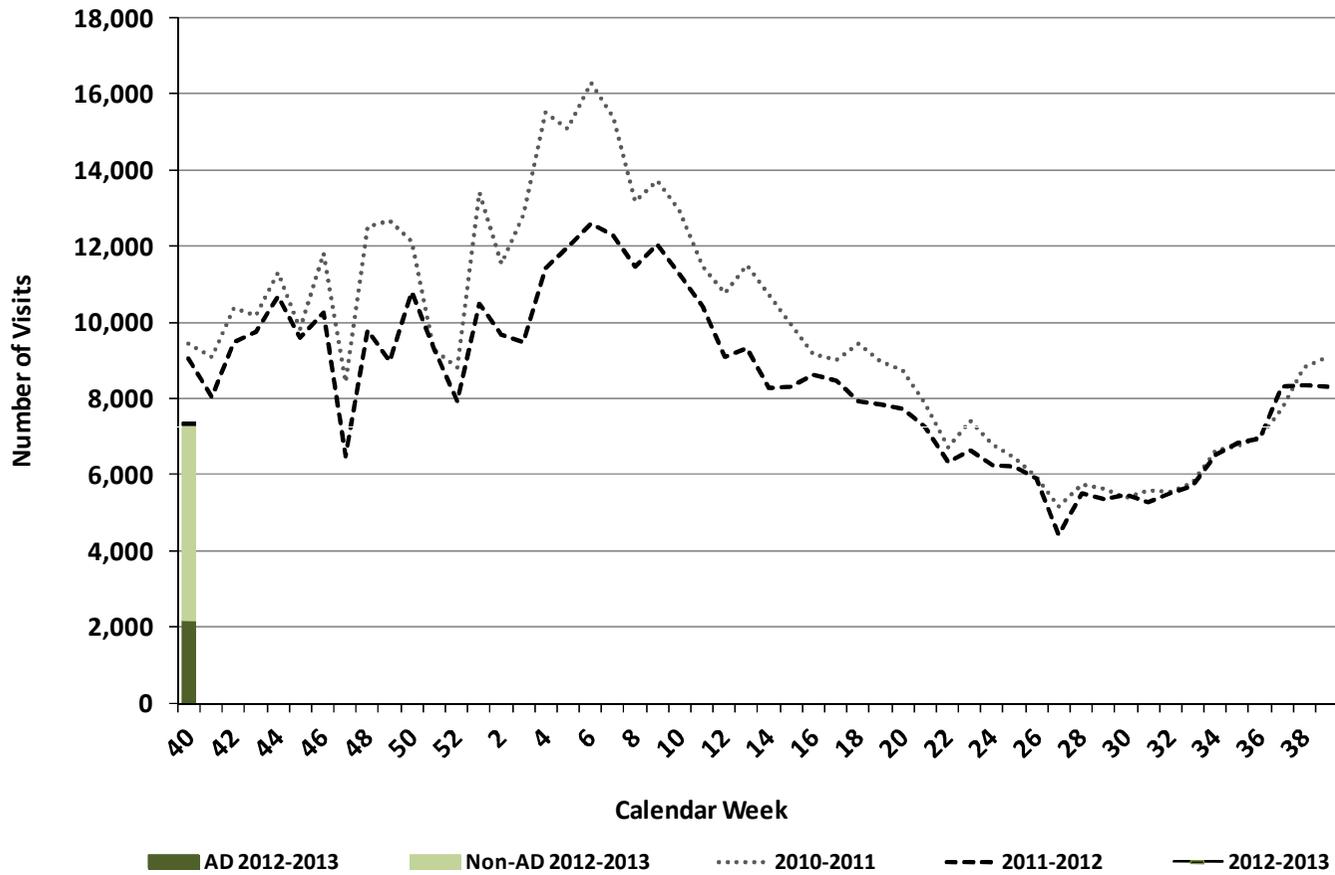
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons





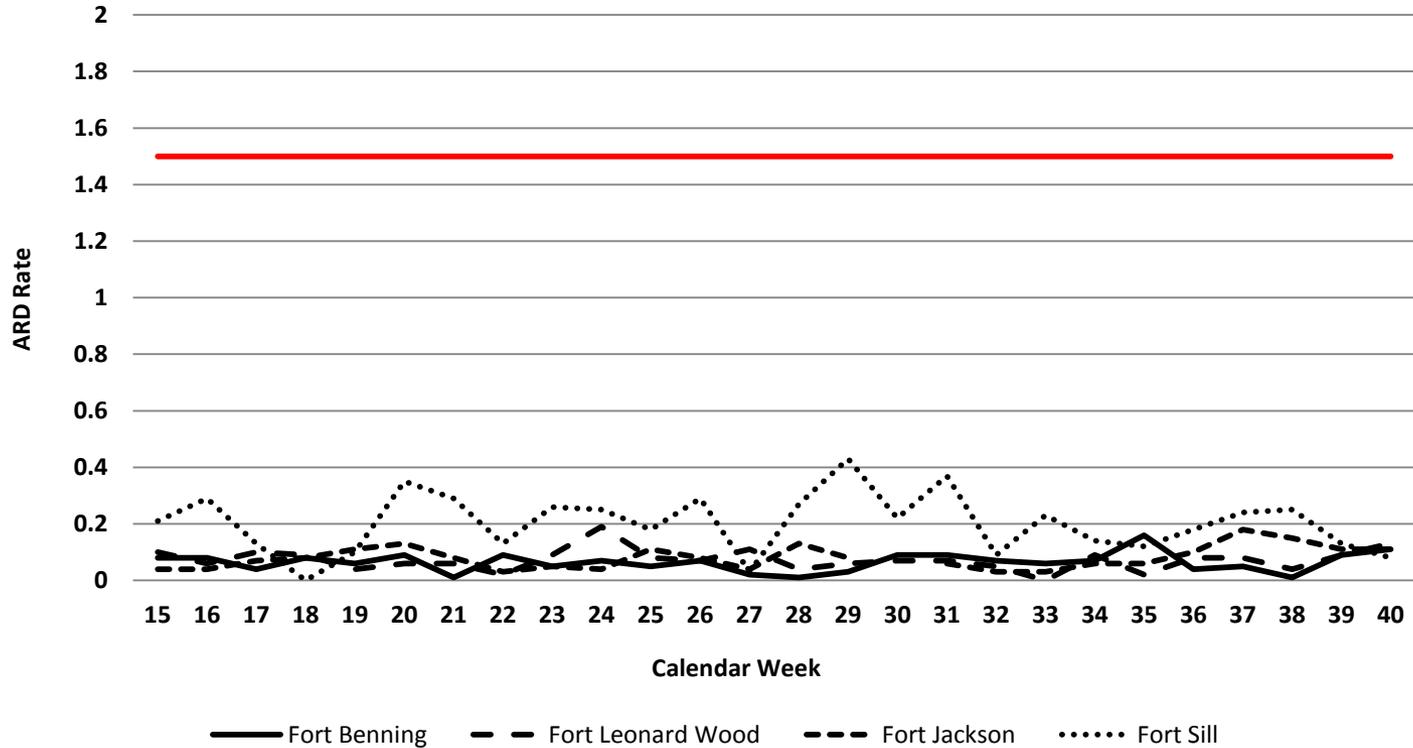
### ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2013



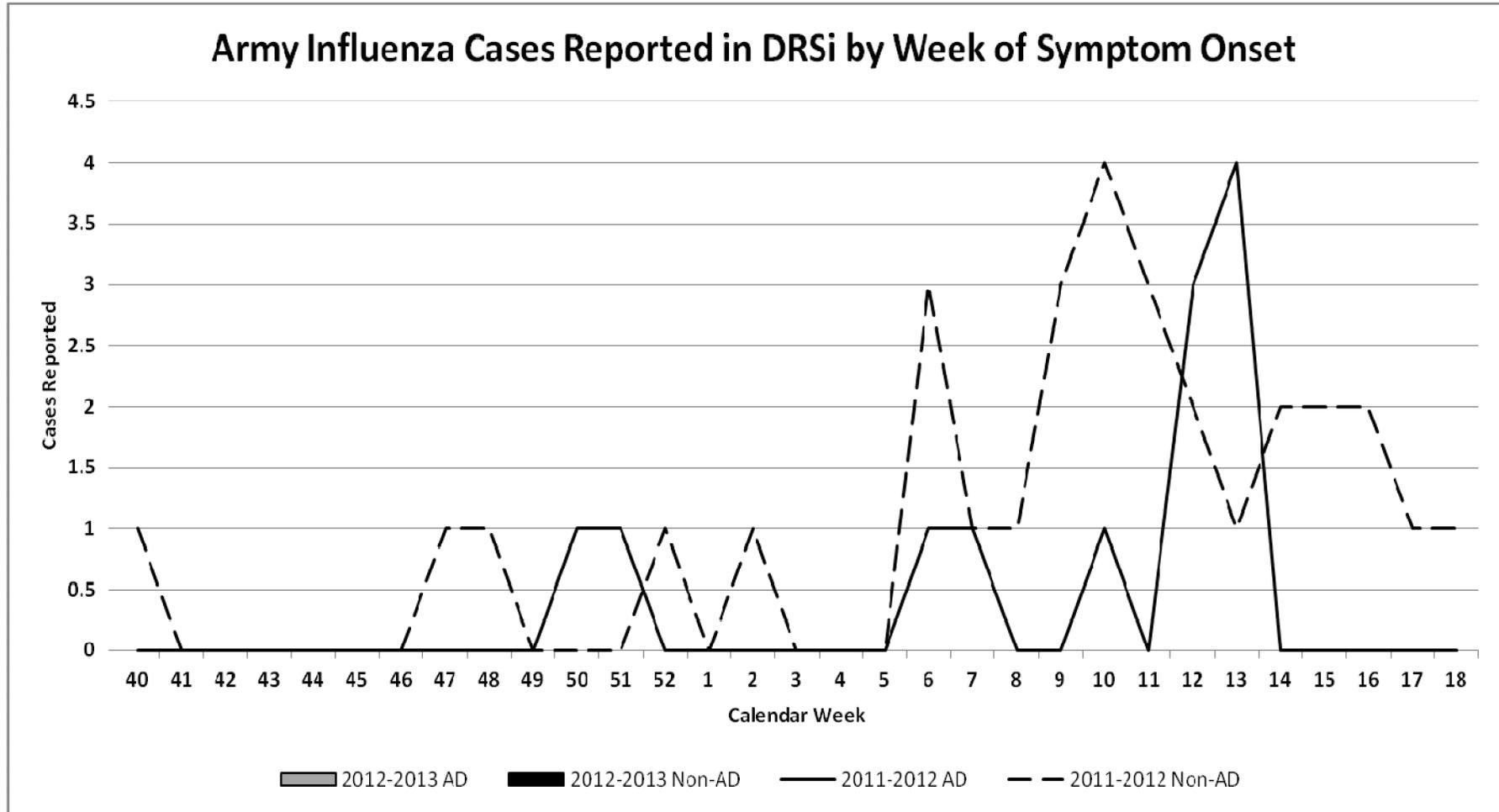
Clinic visits for ILI are obtained from ESSENCE. Data as of 10 October 2012.

## Acute Respiratory Disease Rates at Army BCT Sites



**Note:** Adenovirus 4 and 7 vaccination of incoming basic trainees began at all Army training sites as of November 2011. No cases of ADV 4 or 7 have been diagnosed at these sites since Jan 2012.

Data as of 12 October 2012.



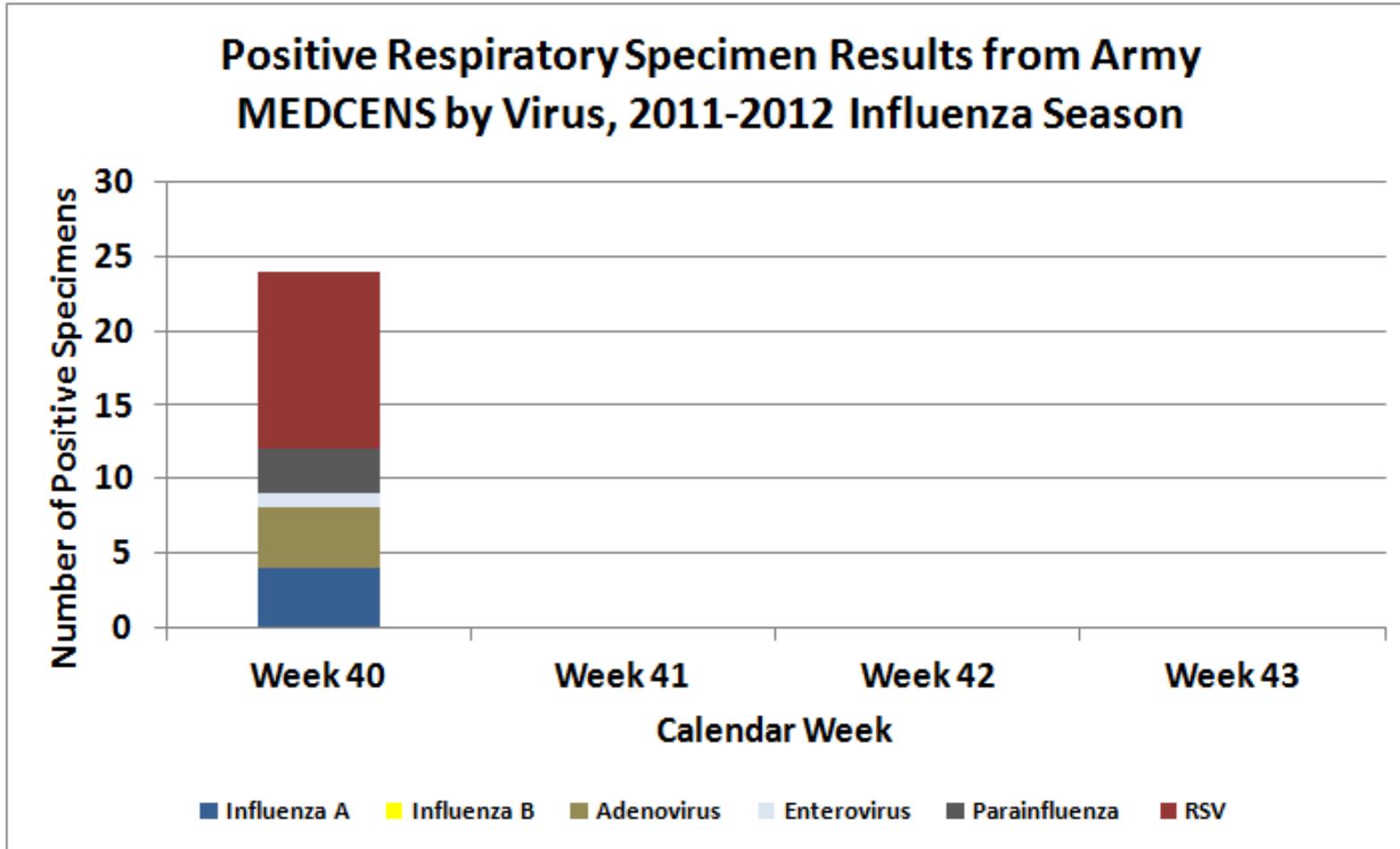
**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
Data as of 10 October 2012.



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**Note:** Test results are reported per individual. Data are preliminary and may change as more reports are received.  
Data as of 10 October 2012.



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