

Click on images  
to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 15 November 2014 (Week 46)

## 2014-2015 Seasonal Influenza Vaccination Coverage As of 20 NOV 2014

81%	DOD
87%	Army Active Duty
76%	Army Guard
62%	Army Reserve

**SYNOPSIS:** Overall activity remains low in both Army and civilian populations, but is expected to increase over the coming weeks.

- **ILI Activity:** Army incident ILI outpatient visits in week 46 were 24% lower than for the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to USAPHC through DRSi in week 46. To date, no cases have been reported during this influenza season.
- **Viral specimens:** During week 46, 92 of 582 (16%) laboratory specimens tested positive for respiratory pathogens; 30 of 465 (6.5%) specimens tested for influenza A were positive. SRMC reported the most influenza A-positive specimens (60%), followed by WRMC (27%), NRMC (10%), and PRMC (3%). RSV accounted for 48% of positive specimens.

## Geographic Spread

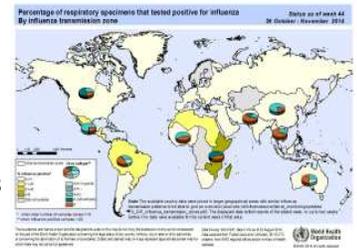


## United States

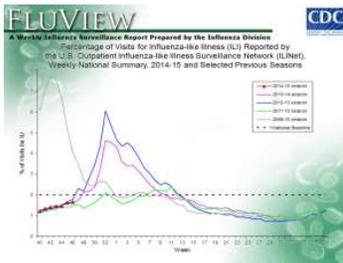
- In week 46, Puerto Rico and five states reported regional activity. Forty-four states and the District of Columbia reported local and sporadic activity. No influenza activity was reported in Rhode Island. Guam did not report.

## World Health Organization

- Influenza activity remains low in most regions, although high activity was noted in American Samoa, the Federated States of Micronesia, Fiji, French Polynesia, Guam, and the Northern Mariana Islands.

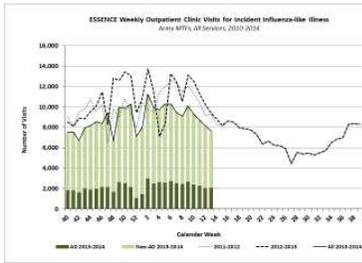


## ILI Activity United States



- Nationwide during week 46, 1.6% of outpatient visits reported in ILINet were due to ILI, which is below the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 0.8% to 2.3% across the regions reporting.

## ILI Activity Army



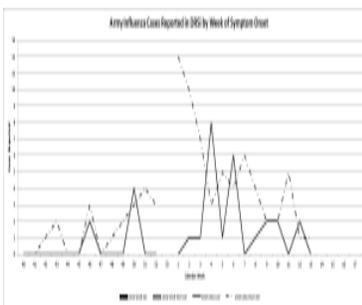
- During week 46, incident ILI activity was 24% lower than the same time last year and 44% lower than week 46 in 2012-2013.
- AD SMs accounted for 25% of incident ILI clinic visits during week 46; in 2013-2014, AD SMs comprised 26% of ILI clinic visits on average during week 46.

## Laboratory Respiratory Specimen Testing

Test Result	Week 43	Week 44	Week 45	Week 46	Season Total
Influenza A	17	24	55	30	151
Influenza B	4	6	7	2	27
Adenovirus	9	8	11	5	51
Enterovirus	0	0	1	0	2
Parainfluenza	15	16	16	11	78
RSV	26	28	29	44	165
Negative	520	468	590	490	3322
<b>Total Results</b>	<b>591</b>	<b>550</b>	<b>709</b>	<b>582</b>	<b>3791</b>

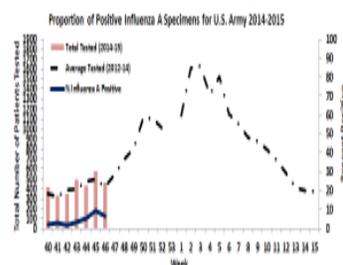
- 16% (92) of specimens tested positive during week 46.
- Influenza A accounted for 33% of positive specimens.
- RSV accounted for 48% of positive specimens, parainfluenza for 12%, adenovirus for 5%, and influenza B for 2%.
- No specimens tested positive for enterovirus.

## DRSi Influenza Case Reporting



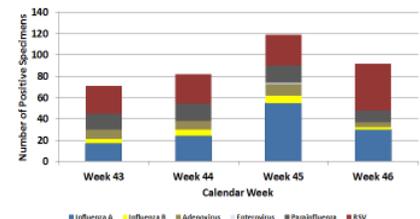
- In week 46, no cases of influenza-associated hospitalization were reported in DRSi.
- No Army influenza cases have been reported for the 2014-2015 influenza season in DRSi.
- At the same time last influenza season, five hospitalized influenza cases were reported.

## Laboratory Testing for Influenza A



- In week 46, 30 of 465 (6.5%) specimens tested for influenza A were positive. This was a decrease from week 45 (9.5%). 23 (77%) of the positive influenza A specimens were from non-AD personnel.
- SRMC reported 18 (60%) of the total influenza A specimens. WRMC reported 8 (27%) positive influenza A specimens, NRMC reported 3 (10%), and PRMC reported 1 (3%). ERMC and CENTCOM reported no influenza A-positive specimens for week 46.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 Influenza Season



**Additional Resources:** [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)  
**Key:** ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

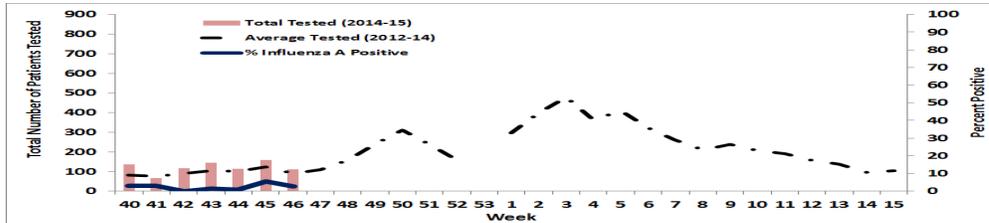
## Questions?

Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774

# U.S. Army Influenza Activity Report

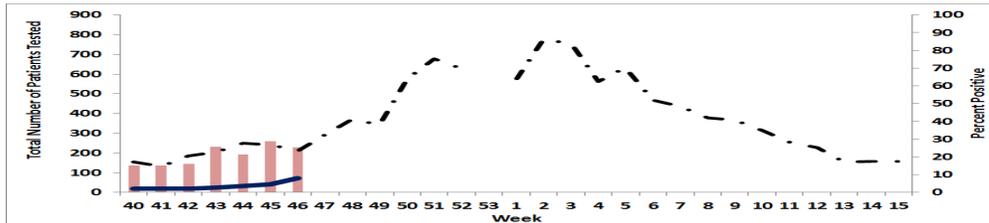
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

## Northern Regional Medical Command (NRMC)



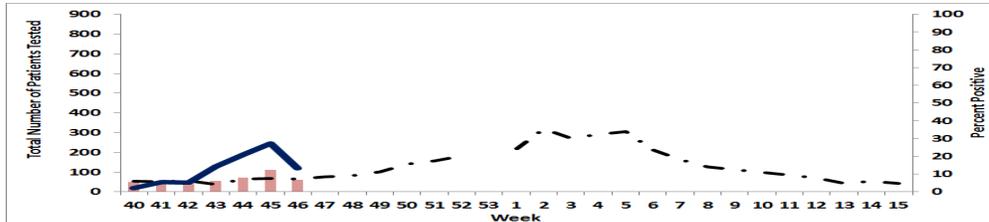
Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	12
18-29	0	0	3
30-39	0	0	1
40-49	0	0	4
50-59	0	0	1
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>3</b>	<b>21</b>

## Southern Regional Medical Command (SRMC)



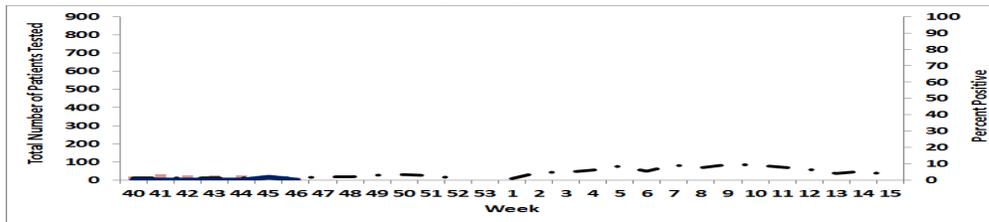
Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	10	21
18-29	1	1	9
30-39	3	1	9
40-49	0	0	5
50-59	0	1	2
60+	0	1	6
<b>Total</b>	<b>4</b>	<b>14</b>	<b>52</b>

## Western Regional Medical Command (WRMC)



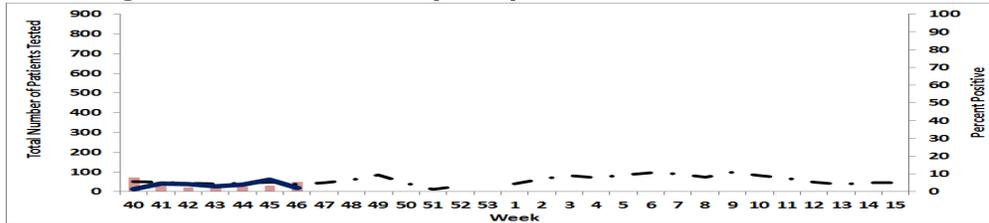
Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	5	44
18-29	0	0	10
30-39	1	0	8
40-49	1	0	3
50-59	0	1	2
60+	0	0	0
<b>Total</b>	<b>2</b>	<b>6</b>	<b>67</b>

## Europe Regional Medical Command (ERMC)



Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	1
18-29	0	0	0
30-39	0	0	0
40-49	1	0	1
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>

## Pacific Regional Medical Command (PRMC)



Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	2
18-29	0	0	5
30-39	0	0	1
40-49	1	0	1
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>9</b>

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD														
NRMC	2	2	1	1	0	0	0	2	0	1	5	4	0	3		
SRMC	1	2	0	3	1	2	2	4	2	5	3	9	4	14		
WRMC	1	0	1	2	1	1	1	7	3	12	7	23	2	6		
ERMC	0	0	0	0	0	0	0	0	0	0	0	2	0	0		
PRMC	0	1	0	2	0	1	0	1	1	0	0	2	1	0		
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

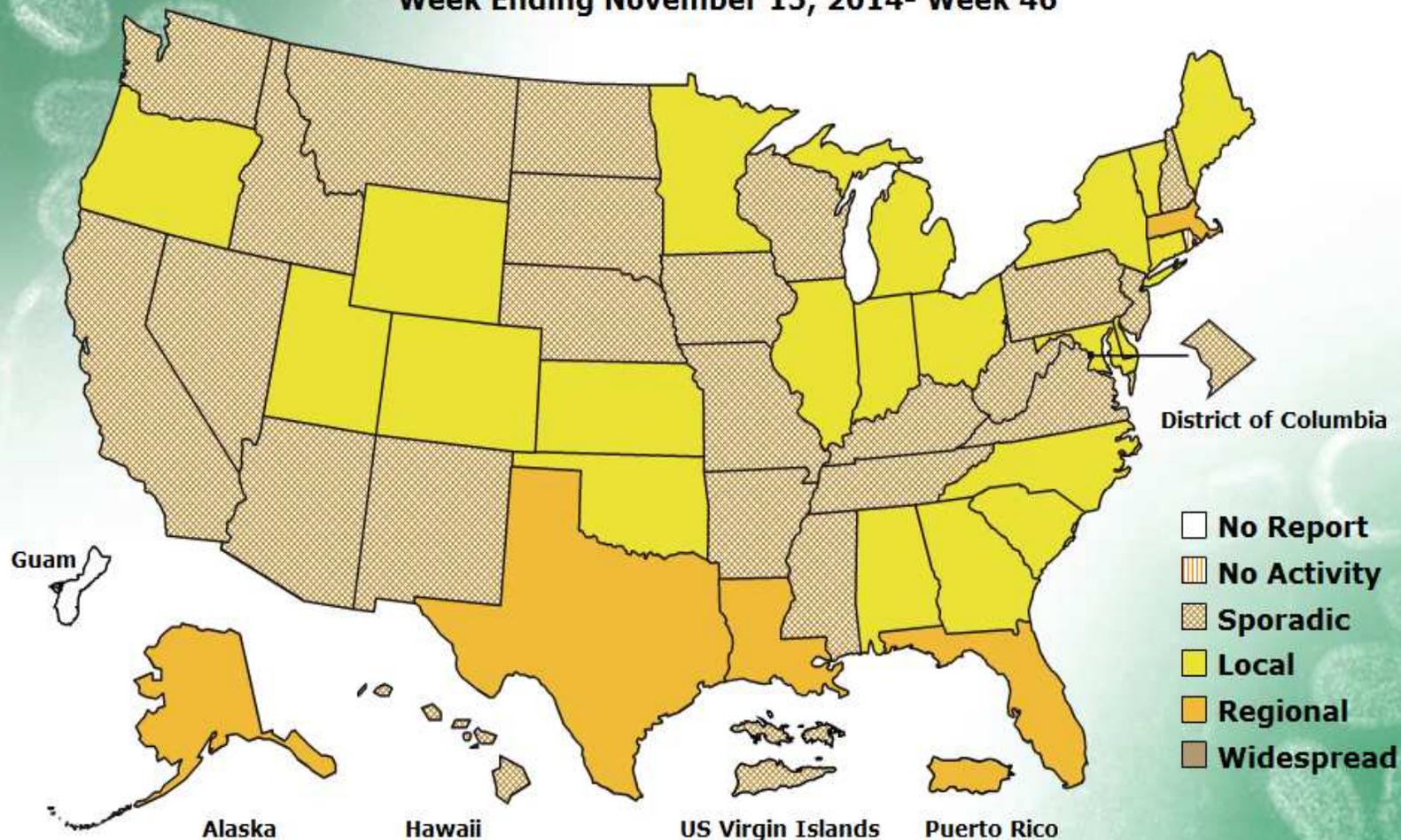
**Locations providing week 46 laboratory data as of 18 November 2014:** Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.

# FLUVIEW



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

Week Ending November 15, 2014- Week 46



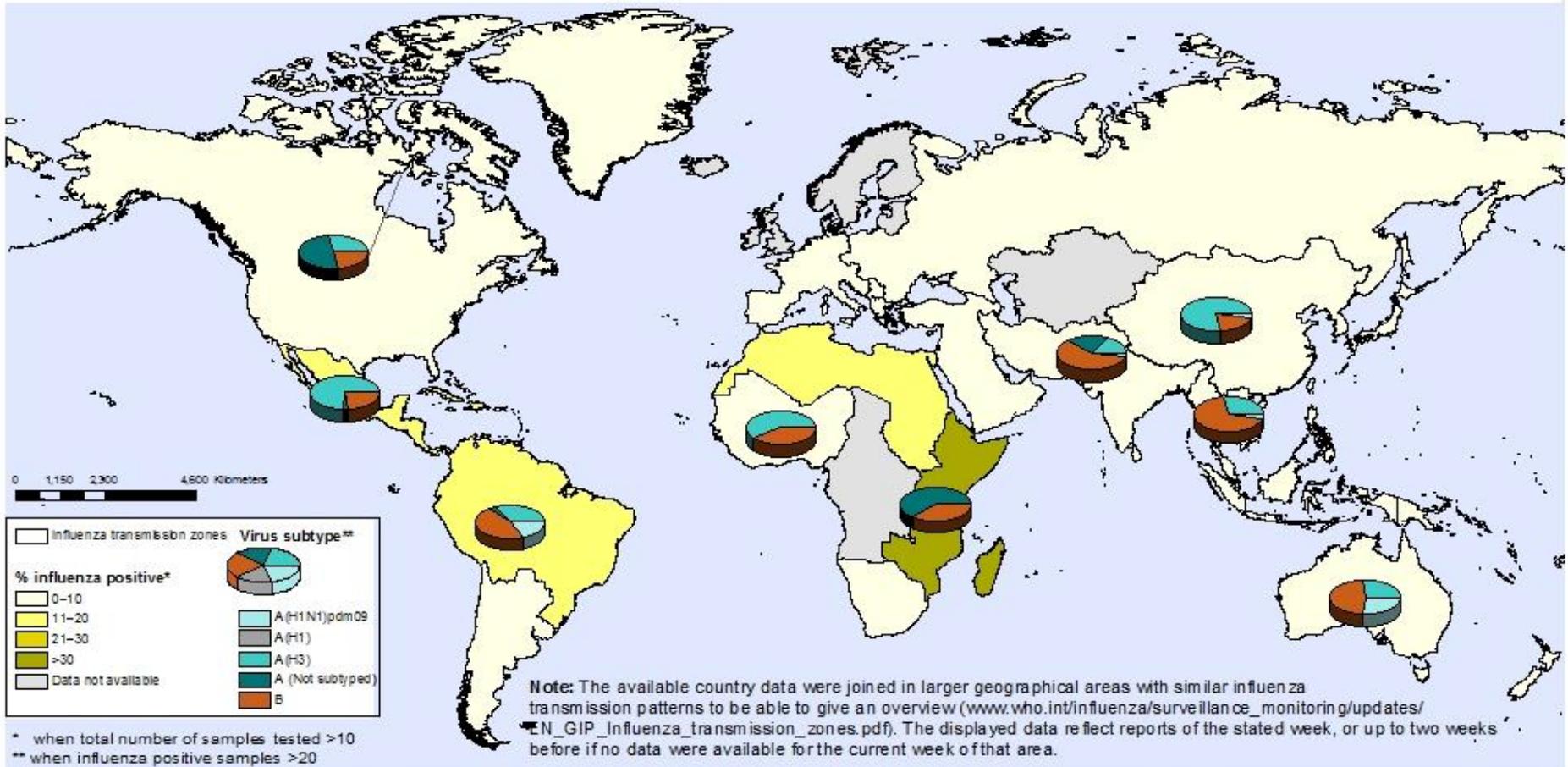
[«Previous Week](#)

[Downloadable Version](#)

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

# Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 44  
26 October - November 2014



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: WHO/GIP, data in HQ as of 22 August 2014.  
Data used are from FluNet ([www.who.int/flu-net](http://www.who.int/flu-net)), 08:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.



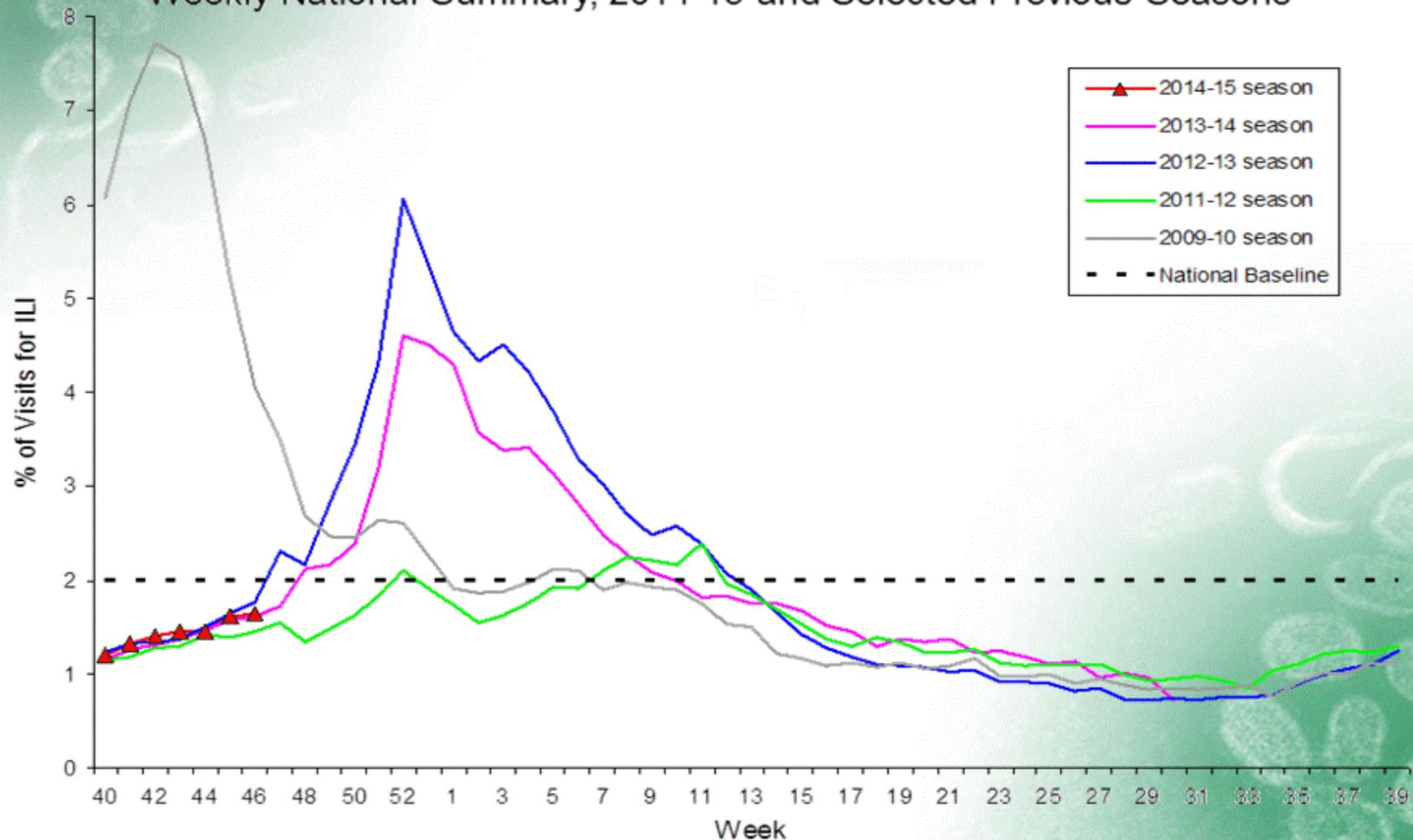
© WHO 2014. All rights reserved.

# FLUVIEW



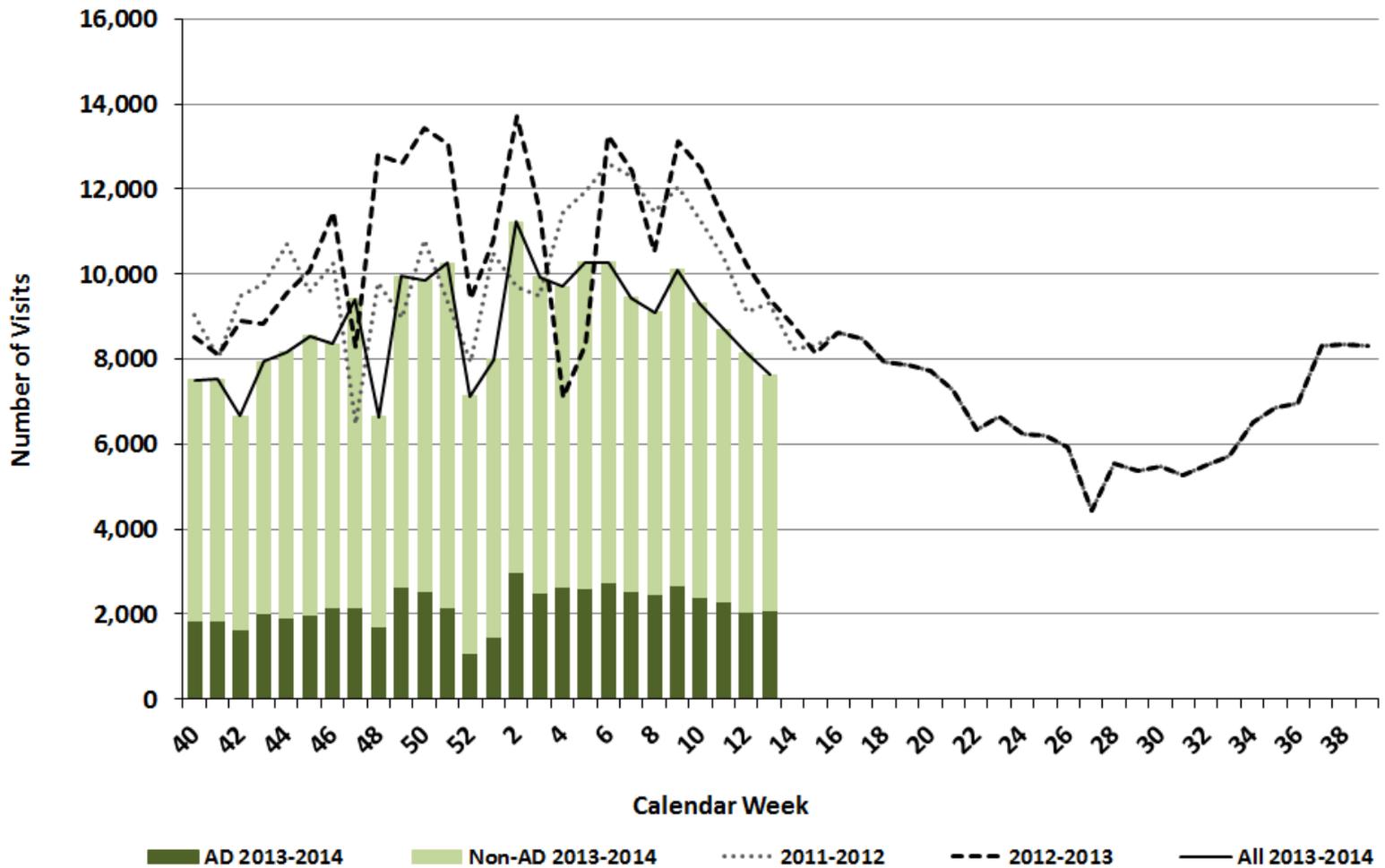
**A Weekly Influenza Surveillance Report Prepared by the Influenza Division**

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2014-15 and Selected Previous Seasons



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

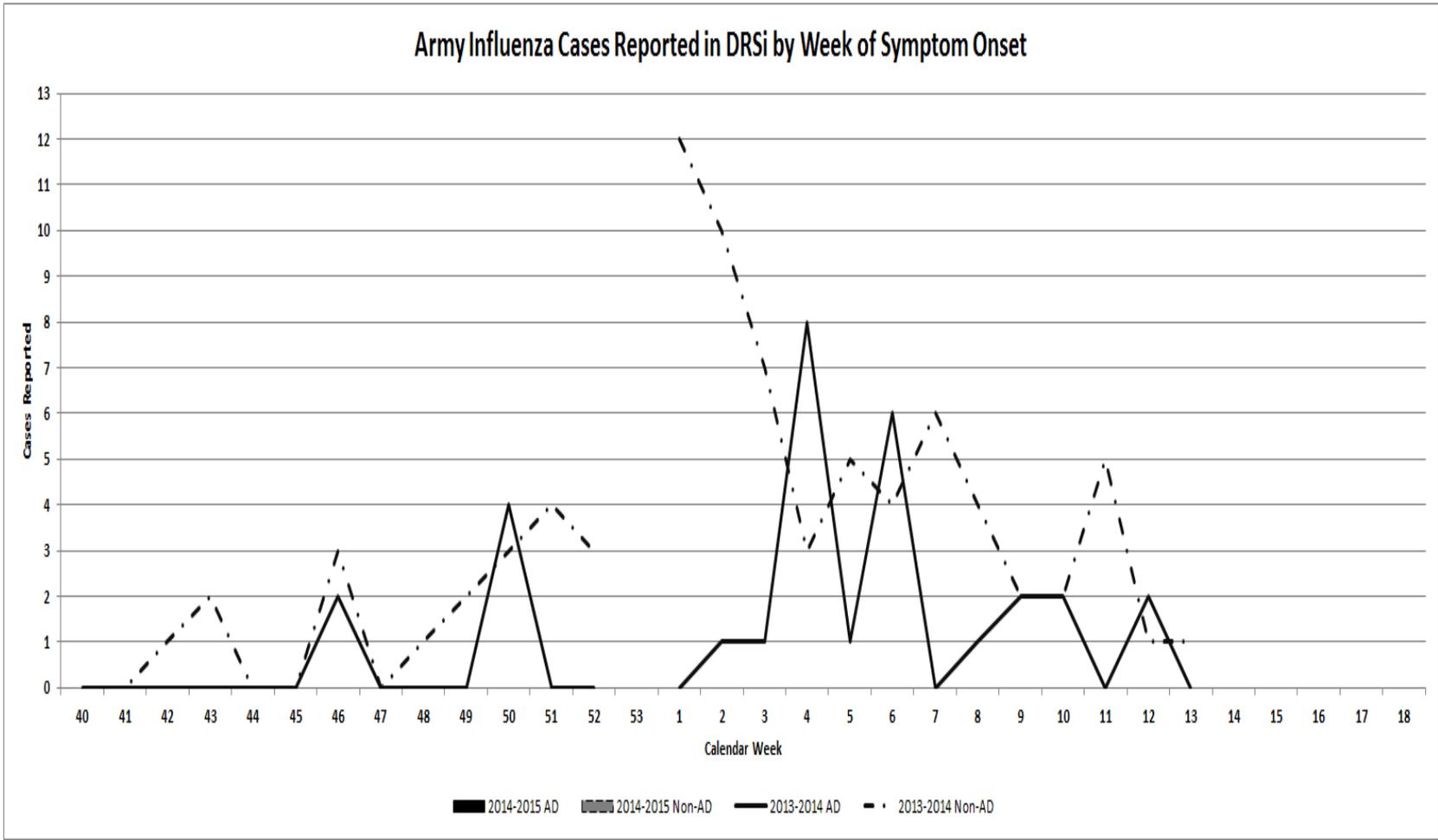
Army MTFs, All Services, 2010-2014



Clinic visits for ILI are obtained from ESSENCE. Data as of 18 November 2014.

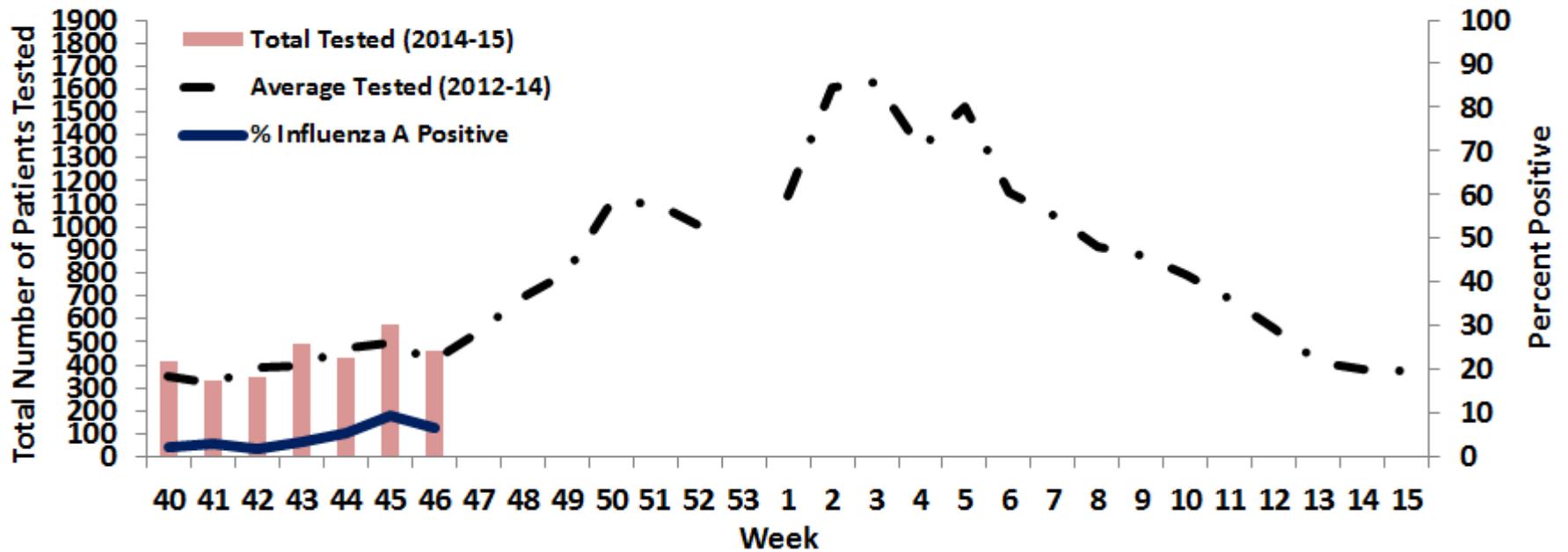
## Army MTF Laboratory Results, 2013-14

Test Result	Week 43	Week 44	Week 45	Week 46	Season Total
Influenza A	17	24	55	30	<b>151</b>
Influenza B	4	6	7	2	<b>27</b>
Adenovirus	9	8	11	5	<b>51</b>
Enterovirus	0	0	1	0	<b>2</b>
Parainfluenza	15	16	16	11	<b>73</b>
RSV	26	28	29	44	<b>165</b>
<i>Negative</i>	<i>520</i>	<i>468</i>	<i>590</i>	<i>490</i>	<b>3322</b>
<b>Total Results</b>	<b>591</b>	<b>550</b>	<b>709</b>	<b>582</b>	<b>3791</b>



**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 18 November 2014.

Proportion of Positive Influenza A Specimens for U.S. Army 2014-2015



## Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 Influenza Season

