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# U.S. Army Influenza Activity Report

Week Ending 06 December 2014 (Week 49)

## 2014-2015 Seasonal Influenza Vaccination Coverage

As of 4 DEC 2014

85%	DOD
92%	Army Active Duty
81%	Army Guard
70%	Army Reserve

**SYNOPSIS:** Based on influenza testing, influenza activity appears higher in SRMC than other regions. Overall influenza activity continues to increase in both Army and civilian populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 49 were 6% lower than for the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to USAPHC through DRSi in week 49. To date, one hospitalized influenza case has been reported in an unvaccinated retiree.
- **Viral specimens:** During week 49, 393 of 1279 (31%) laboratory specimens tested positive for respiratory pathogens; 312 of 1132 (28%) specimens tested for influenza A were positive. SRMC reported the most influenza A-positive specimens (75%), followed by NRM (14%), WRMC (10%), ERMC (2%), and PRMC (0.3%).

## Geographic Spread

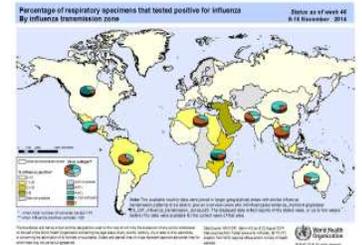


### United States

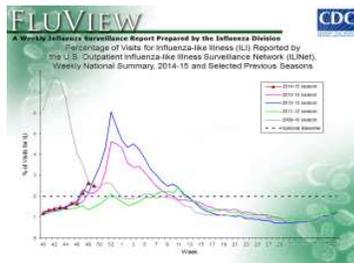
- In week 49, Puerto Rico, Guam and thirty-nine states reported widespread and regional influenza activity. Eleven states, the District of Columbia, and the U.S. Virgin Islands reported local and sporadic activity.

### World Health Organization

- In tropical Asia, influenza activity was low with influenza B predominant in Viet Nam. In the southern hemisphere, influenza activity remained low except in several Pacific Islands where ILI activity remained high.

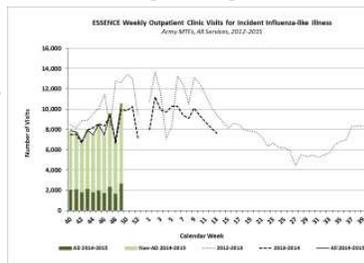


## ILI Activity United States



- Nationwide during week 49, 2.5% of outpatient visits reported in ILINet were due to ILI, which is above the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 1.1% to 4.7% across the regions reporting.

## ILI Activity Army



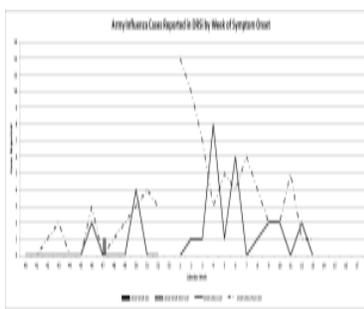
- During week 49, incident ILI activity was 6% lower than the same time last year and 16% lower than week 49 in 2012-2013.
- AD SMs accounted for 25% of incident ILI clinic visits during week 49; in 2013-2014, AD SMs comprised 27% of ILI clinic visits on average during week 49.

## Laboratory Respiratory Specimen Testing

Test Result	Week 46	Week 47	Week 48	Week 49	Season Total
Influenza A	29	67	173	312	705
Influenza B	2	3	11	14	55
Adenovirus	5	12	5	9	77
Enterovirus	0	0	0	2	4
Parainfluenza	11	10	7	8	98
RSV	42	31	38	48	278
Negative	473	537	538	886	5229
<b>Total Results</b>	<b>562</b>	<b>660</b>	<b>772</b>	<b>1279</b>	<b>6446</b>

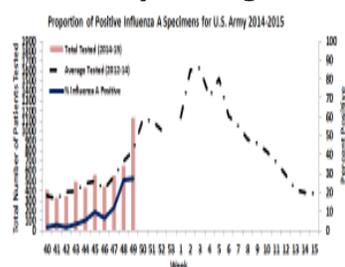
- 31% (393) of specimens tested positive during week 49.
- Influenza A accounted for 79% of positive specimens.
- RSV accounted for 12% of positive specimens, influenza B for 4%, parainfluenza for 2%, and adenovirus for 2%.
- Two specimens tested positive for enterovirus.

## DRSi Influenza Case Reporting



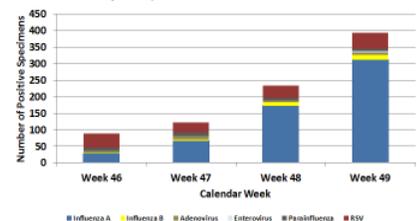
- In week 49, no cases of influenza-associated hospitalization were reported in DRSi.
- One hospitalized influenza case has been reported for this flu season in an unvaccinated retiree.
- At the same time last influenza season, six hospitalized influenza cases were reported.

## Laboratory Testing for Influenza A



- In week 49, 312 of 1132 (28%) specimens tested for influenza A were positive, a slight increase from week 48 where 26% of specimens tested positive for influenza A. 258 (83%) of the positive influenza A specimens were from non-AD personnel.
- SRMC reported 233 (75%) of the total influenza A positive specimens. NRM reported 42 (14%) positive influenza A specimens, WRMC reported 30 (10%), ERMC reported 6 (2%), and PRMC reported 1 (0.3%). CENTCOM reported no influenza A-positive specimens for week 49.

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?

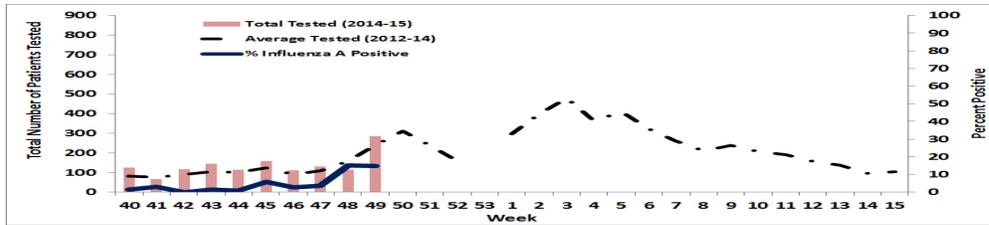
Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774



# U.S. Army Influenza Activity Report

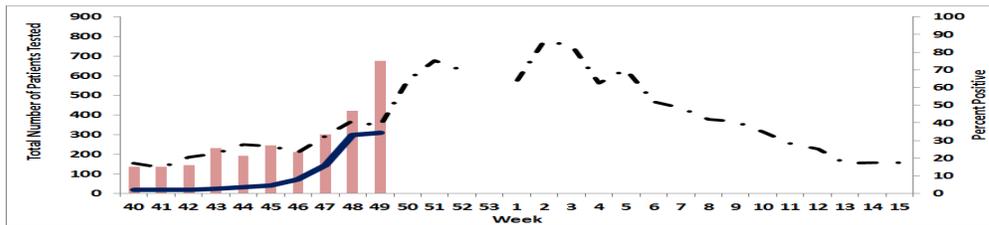
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

## Northern Regional Medical Command (NRMC)



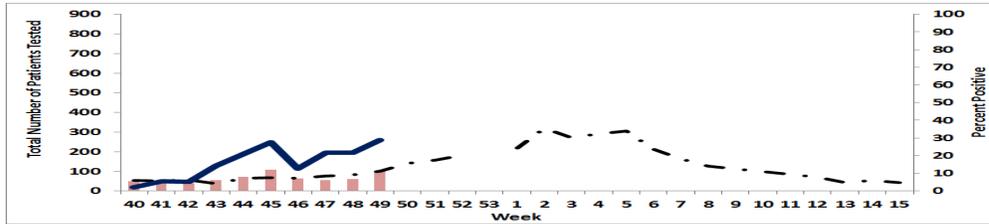
Week 49			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	26	50
18-29	3	3	14
30-39	1	2	6
40-49	2	0	9
50-59	0	3	6
60+	0	2	2
<b>Total</b>	<b>6</b>	<b>36</b>	<b>87</b>

## Southern Regional Medical Command (SRMC)



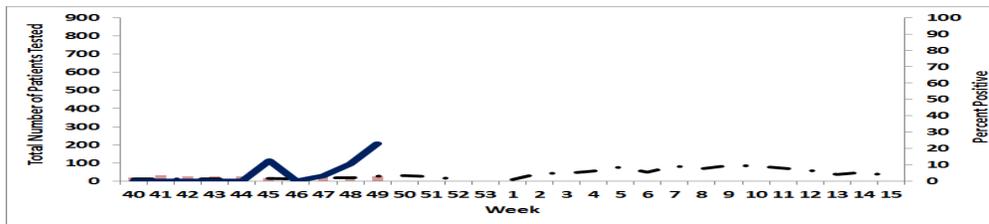
Week 49			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	132	279
18-29	16	20	61
30-39	17	11	54
40-49	5	5	29
50-59	2	13	24
60+	0	12	27
<b>Total</b>	<b>40</b>	<b>193</b>	<b>474</b>

## Western Regional Medical Command (WRMC)



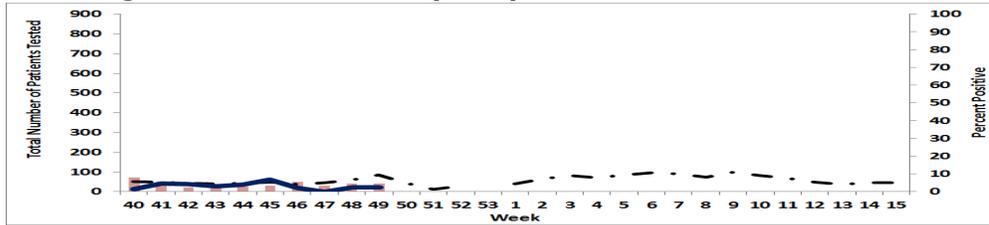
Week 49			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	20	85
18-29	2	1	15
30-39	2	1	12
40-49	2	0	5
50-59	0	1	4
60+	0	1	1
<b>Total</b>	<b>6</b>	<b>24</b>	<b>122</b>

## Europe Regional Medical Command (ERMC)



Week 49			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	2
18-29	2	2	4
30-39	0	0	2
40-49	0	1	2
50-59	0	0	0
60+	0	1	1
<b>Total</b>	<b>2</b>	<b>4</b>	<b>11</b>

## Pacific Regional Medical Command (PRMC)



Week 49			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	3
18-29	0	0	5
30-39	0	0	1
40-49	0	0	1
50-59	0	0	0
60+	0	1	1
<b>Total</b>	<b>0</b>	<b>1</b>	<b>11</b>

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 42		Week 43		Week 44		Week 45		Week 46		Week 47		Week 48		Week 49	
	AD	Non-AD														
NRMC	0	0	0	2	0	1	5	4	0	3	2	3	3	14	6	36
SRMC	1	2	2	4	2	5	3	8	4	13	5	44	18	122	40	193
WRMC	1	1	1	7	3	12	7	23	2	6	1	11	1	12	6	24
ERMC	0	0	0	0	0	0	0	2	0	0	1	0	1	1	2	4
PRMC	0	1	0	1	1	0	0	2	1	0	0	0	0	1	0	1
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

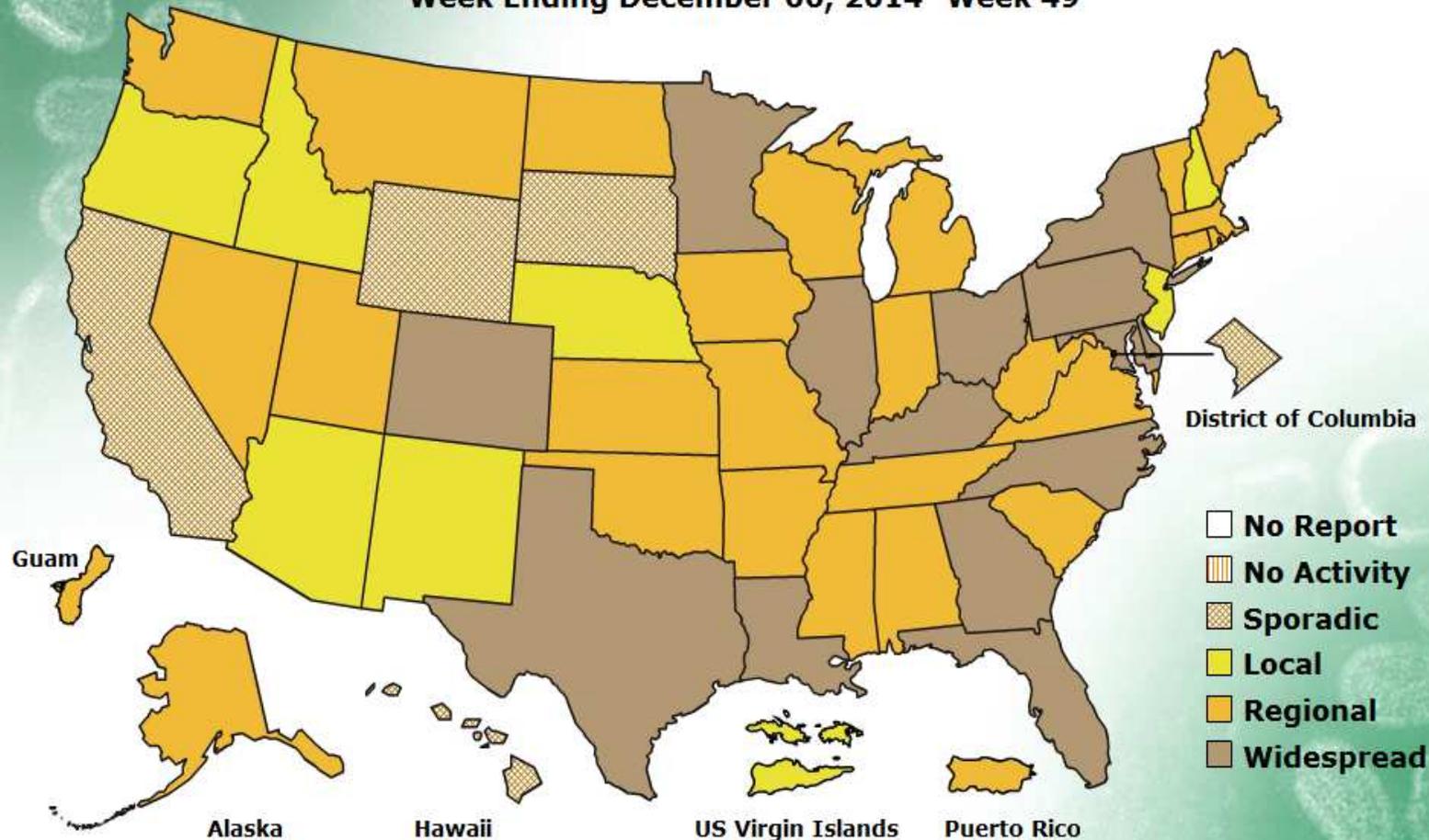
**Locations providing week 49 laboratory data as of 10 December 2014:** Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft 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 December 06, 2014- Week 49**



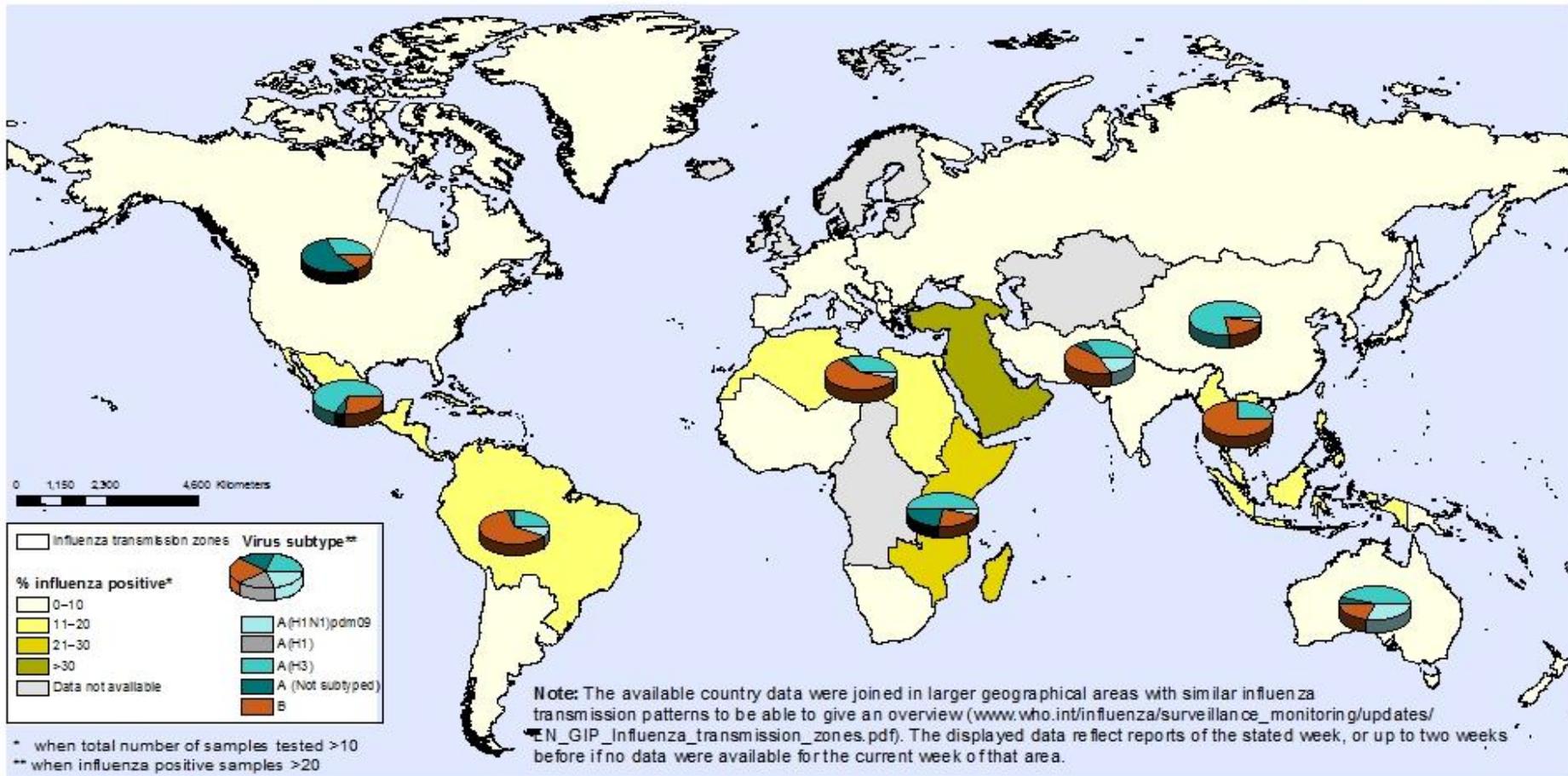
[«Previous Week](#)

[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 46  
9-15 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/fluNet](http://www.who.int/fluNet)), 08:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.



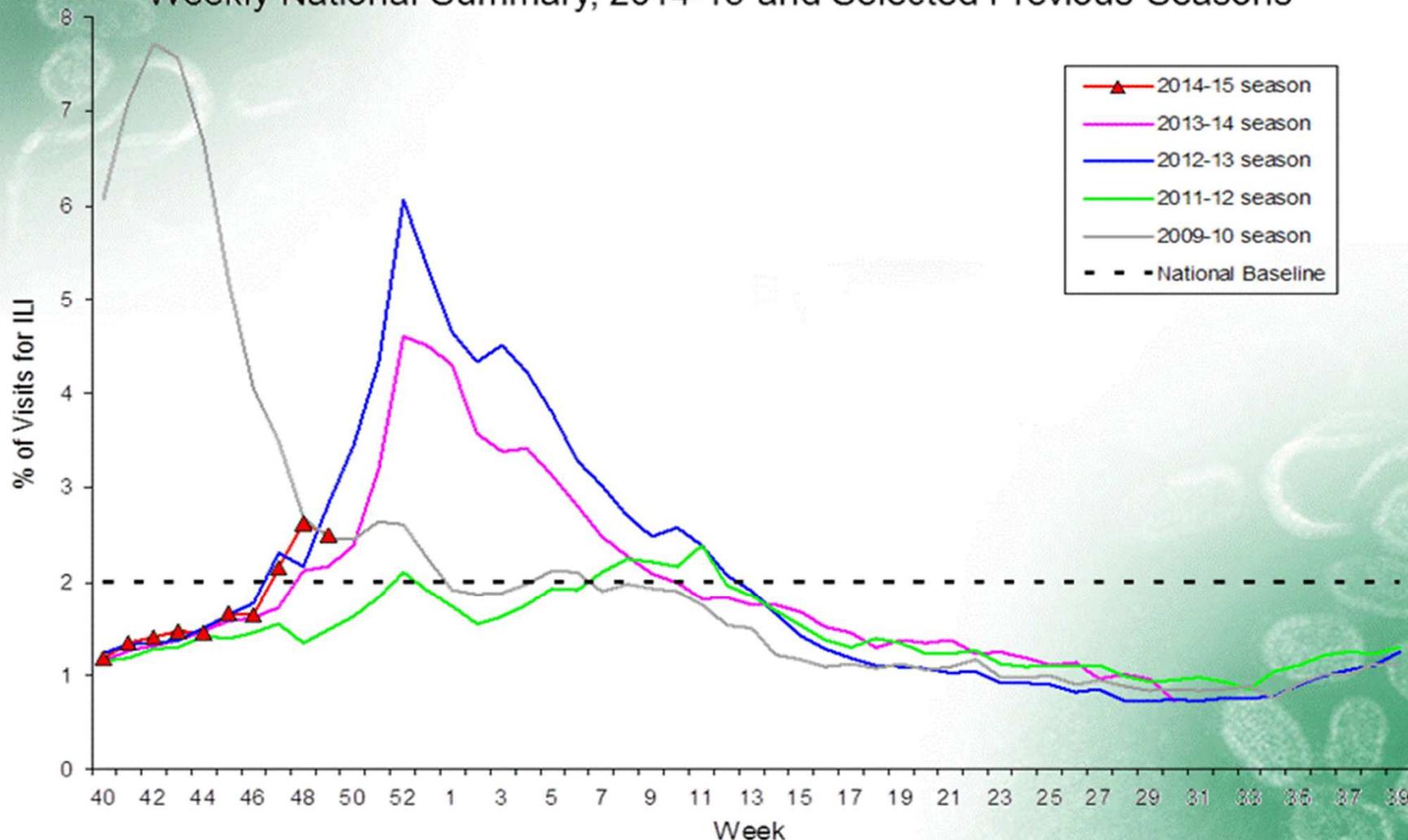
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# FLUVIEW



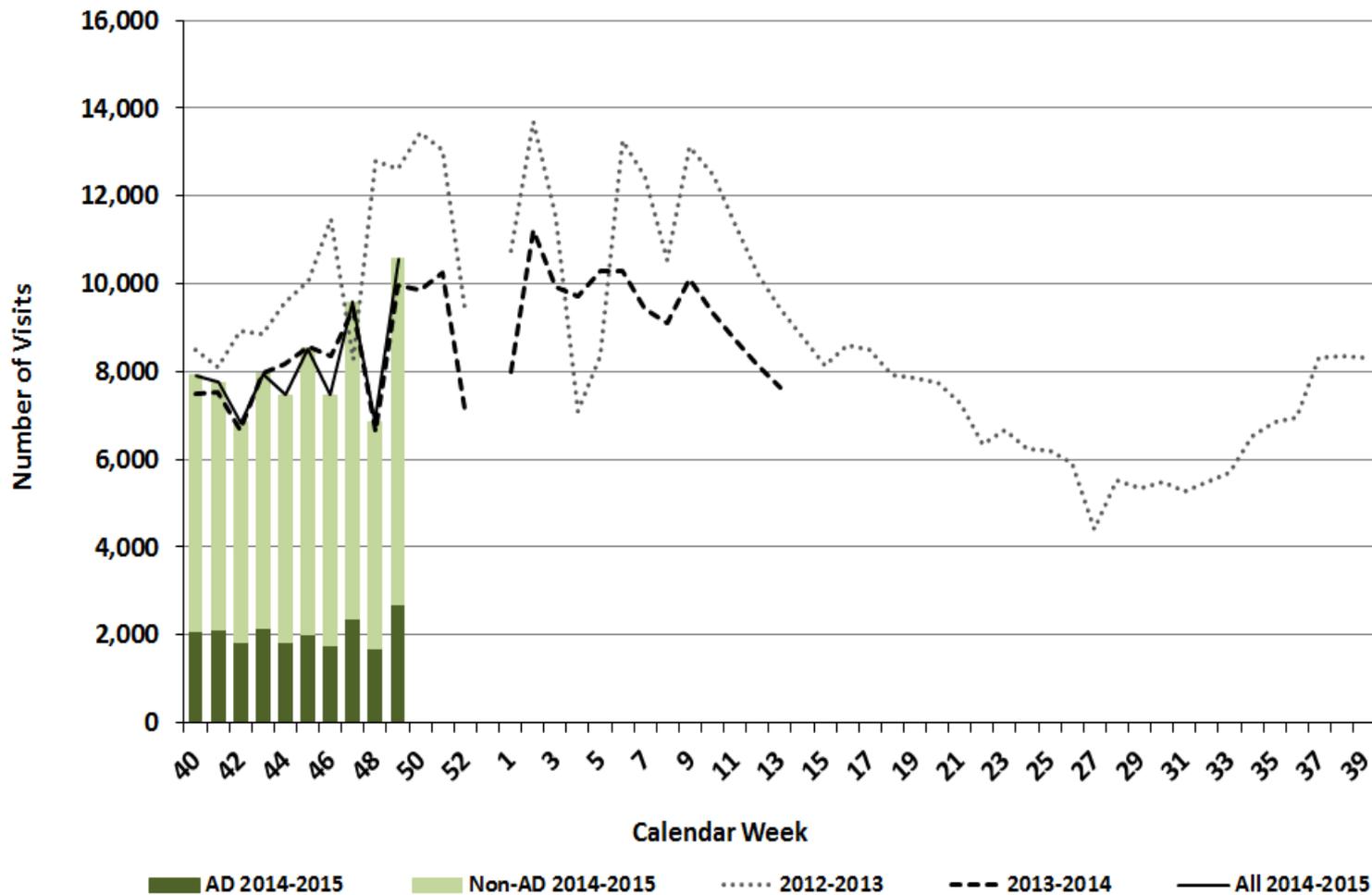
## A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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

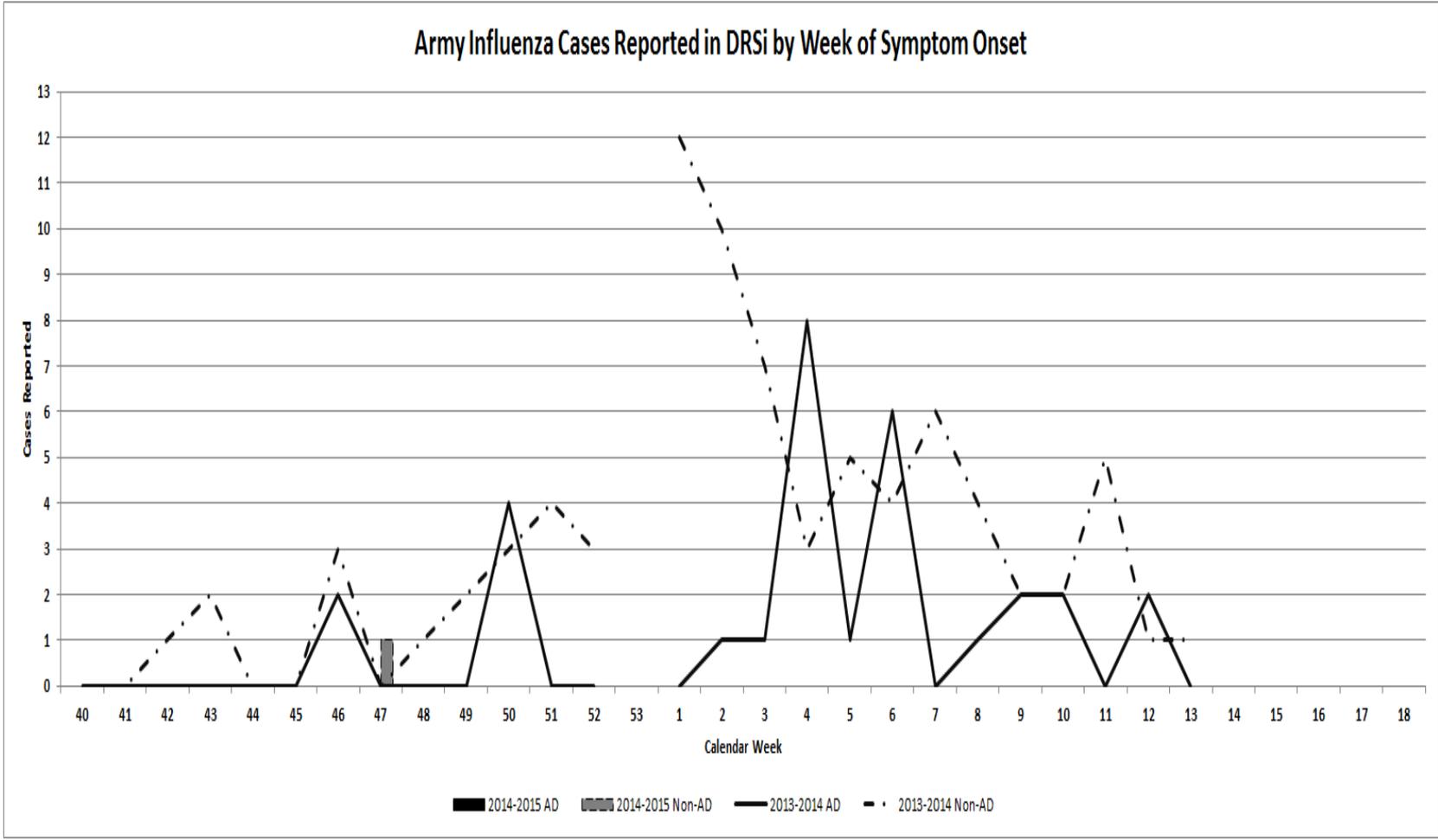
Army MTFs, All Services, 2012-2015



Clinic visits for ILI are obtained from ESSENCE. Data as of 10 December 2014.

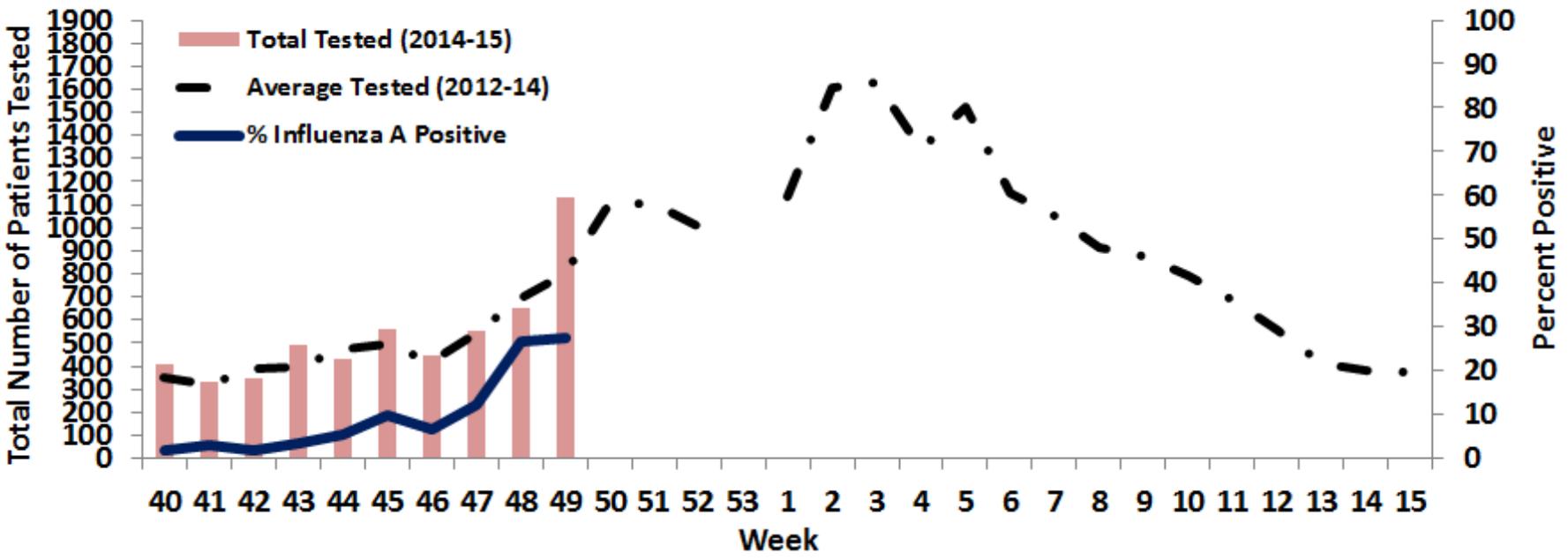
## Army MTF Laboratory Results, 2013-14

Test Result	Week 46	Week 47	Week 48	Week 49	Season Total
<b>Influenza A</b>	29	67	173	312	<b>705</b>
<b>Influenza B</b>	2	3	11	14	<b>55</b>
<b>Adenovirus</b>	5	12	5	9	<b>77</b>
<b>Enterovirus</b>	0	0	0	2	<b>4</b>
<b>Parainfluenza</b>	11	10	7	8	<b>98</b>
<b>RSV</b>	42	31	38	48	<b>278</b>
<i>Negative</i>	<i>473</i>	<i>537</i>	<i>538</i>	<i>886</i>	<b>5229</b>
<b>Total Results</b>	<b>562</b>	<b>660</b>	<b>772</b>	<b>1279</b>	<b>6446</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 10 December 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

