



Click on images to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 14 November 2015 (Week 45)

## 2015-2016 Seasonal Influenza Vaccination Coverage

As of 19 November 2015

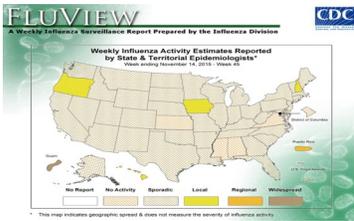
65%	DOD*
77%	Army Active Duty
74%	Army Guard
61%	Army Reserve

\*Data as of 13 November 2015

**SYNOPSIS:** Influenza detections remain sporadic among Army laboratories, with only six influenza-positive specimens identified in week 45.

- **ILI Activity:** Army incident ILI outpatient visits in week 45 were 12% lower than the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to APHC(P) through DRSi in week 45. Two cases have been reported to date this influenza season.
- **Viral specimens:** During week 45, 75 of 703 (11%) laboratory specimens tested positive for respiratory pathogens. RHC-C reported the most influenza A-positive specimens (3), followed by RHC-A (2), and RHC-P (1). No other regions reported any influenza positive specimens (RHC-E, WRMC, and CENTCOM).

## Geographic Spread

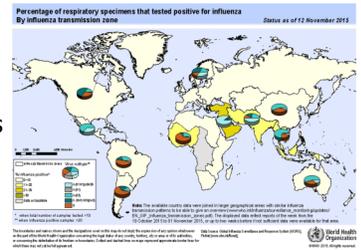


## United States

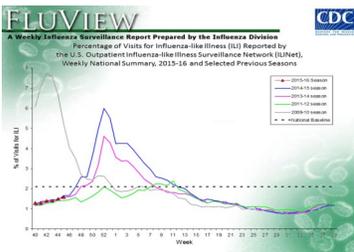
- In week 45, widespread influenza activity was reported in Guam and regional activity was reported in Puerto Rico. Four states reported local influenza activity, while 40 states reported sporadic activity. No influenza activity was reported by the District of Columbia, the US Virgin Islands and six states.

## World Health Organization

- In the Northern Hemisphere, influenza activity continued at low, inter-seasonal levels with sporadic detections.

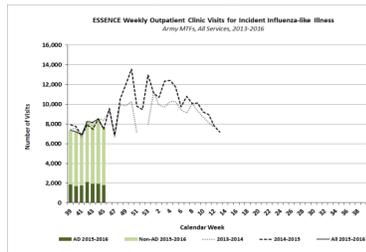


## ILI Activity United States



- Nationwide during week 45, 1.6% of outpatient visits reported in ILINet were due to ILI, which is below the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 0.7% to 3.6% across the regions reporting.

## ILI Activity Army



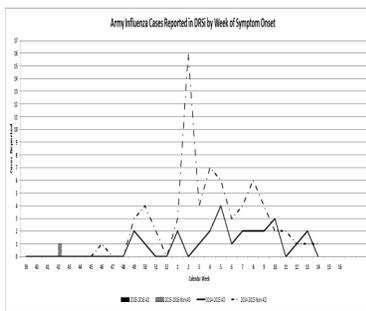
- During week 45, incident ILI activity was 12% lower than the same time last year and 12% lower than week 45 in 2013-2014.
- AD SMs accounted for 24% of incident ILI clinic visits during week 45; in 2014-2015, AD SMs comprised 23% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Test Result	Week 42	Week 43	Week 44	Week 45	Season Total
Influenza A	7	2	4	6	33
Influenza B	2	4	4	0	16
Adenovirus	4	2	9	6	35
Enterovirus	0	1	0	1	5
Parainfluenza	14	16	22	11	101
RSV	29	42	36	51	236
Negative	554	538	656	628	3567
<b>Total Results</b>	<b>610</b>	<b>605</b>	<b>731</b>	<b>703</b>	<b>3993</b>

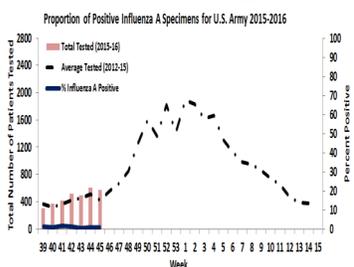
- In week 45, 11% (75) of specimens tested positive.
- Influenza A accounted for 8% of positive specimens.
- RSV accounted for 68% of positive specimens, parainfluenza for 15%, and adenovirus for 8%.
- Influenza B accounted for 0% of positive specimens.

## DRSi Influenza Case Reporting



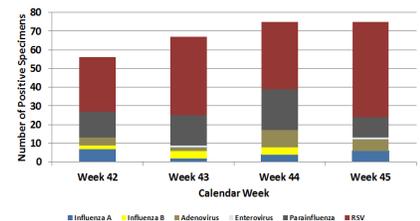
- In week 45, no cases of influenza-associated hospitalization were reported in DRSi.
- At the same time last influenza season, no hospitalized influenza cases were reported. A total of 2 hospitalized cases have been reported to date this season.

## Laboratory Testing for Influenza A



- In week 45, 6 of 577 (1%) specimens tested positive for influenza A. This was a slight increase from week 44 (0.7%). 4 (67%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-C reported 3 (50%) of the total influenza A-positive specimens. RHC-A reported 2 (33%) positive specimens, and RHC-P reported 1 (17%) positive specimen. No other region (RHC-E, WRMC, and CENTCOM) reported any positive specimens.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 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

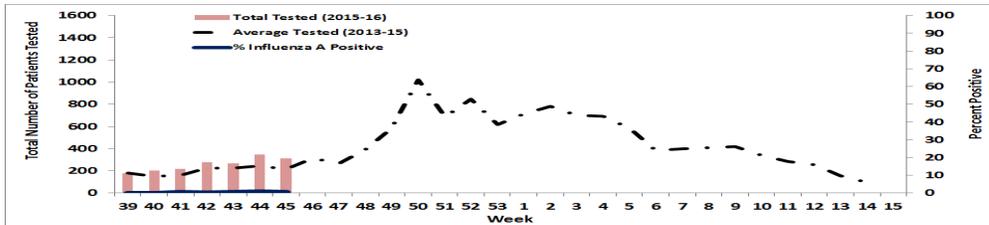
**Questions?**  
[Email APHC-DEP](mailto:Email APHC-DEP)  
 410-417-3774



# U.S. Army Influenza Activity Report

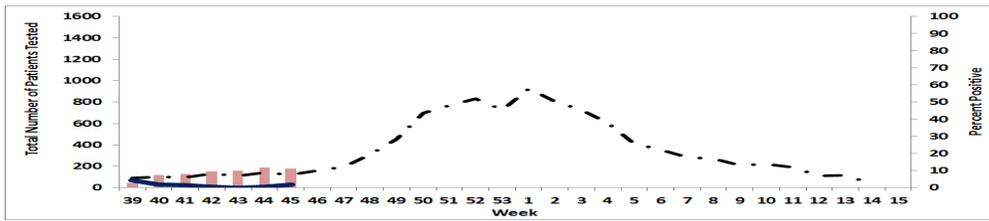
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

## Regional Health Command - Atlantic (RHC-A)



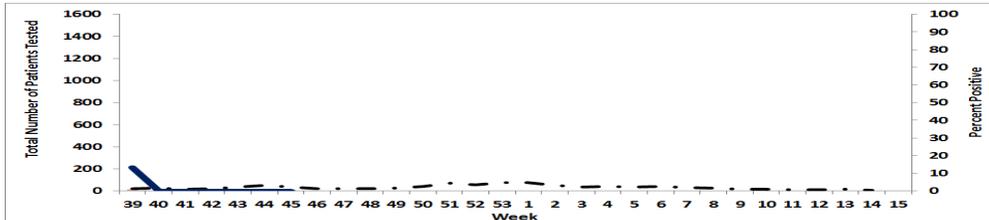
Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	6
18-29	0	0	0
30-39	1	0	1
40-49	0	0	1
50-59	0	0	0
60+	0	0	1
<b>Total</b>	<b>1</b>	<b>1</b>	<b>9</b>

## Regional Health Command - Central (RHC-C)



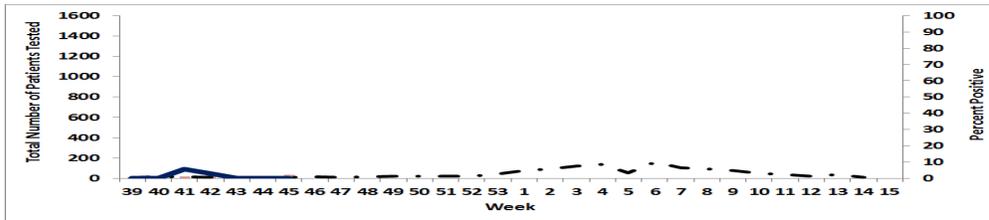
Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	3
18-29	0	1	4
30-39	1	0	2
40-49	0	1	2
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>1</b>	<b>2</b>	<b>11</b>

## Western Regional Medical Command (WRMC)



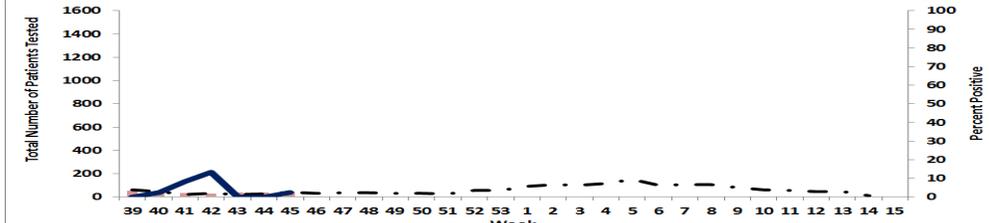
Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>

## Regional Health Command - Europe (RHC-E)



Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	2
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>

## Regional Health Command - Pacific (RHC-P)



Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	6
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	1
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>9</b>

Number of Positive Influenza A Specimens by Duty Status and Region

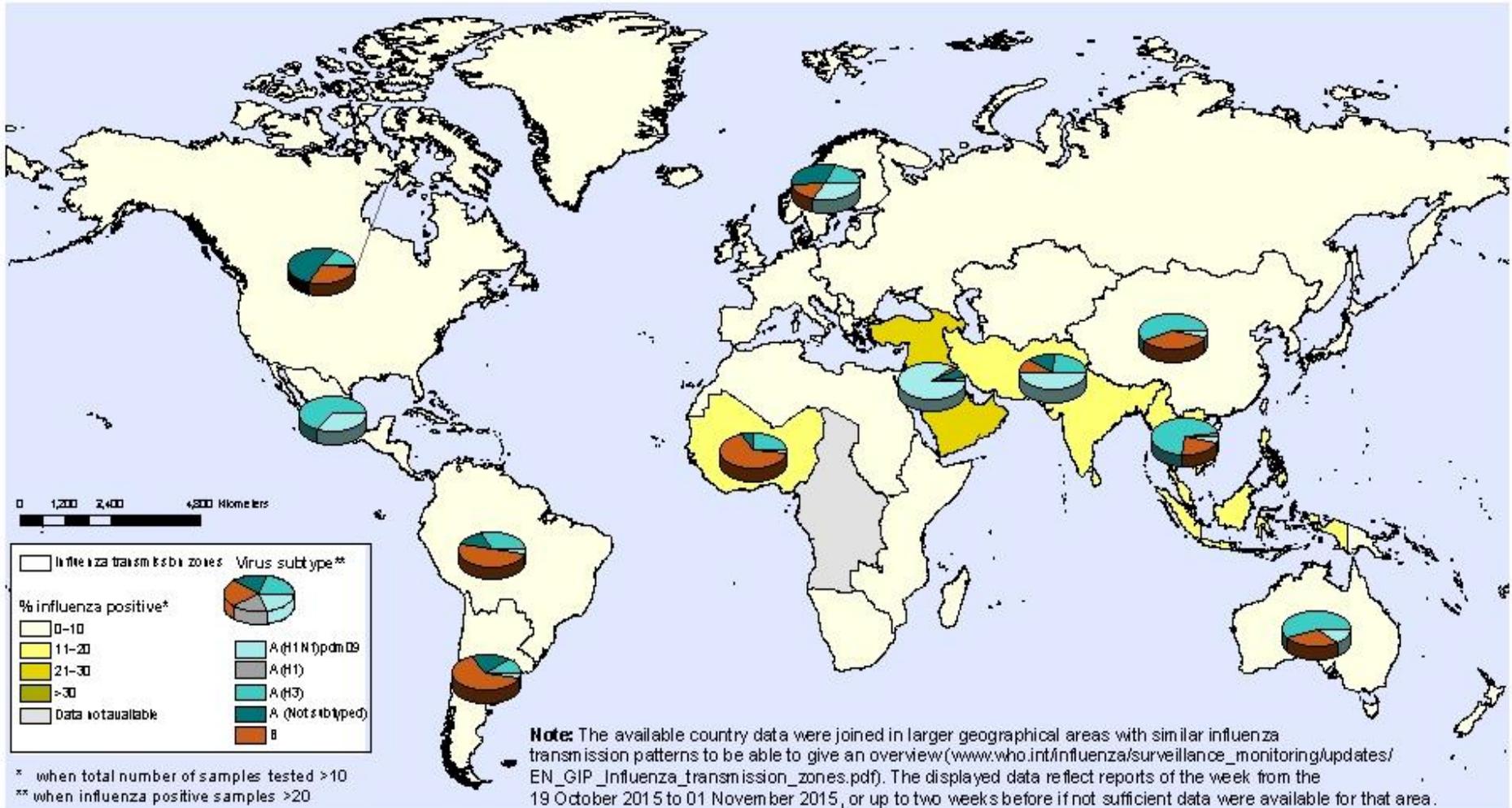
Region	Week 39		Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46	
	AD	Non-AD														
RHC-A	0	0	0	0	0	1	0	1	0	2	0	3	1	1		
RHC-C	2	0	1	1	0	2	0	1	0	0	1	0	1	2		
WRMC	0	2	0	0	0	0	0	0	0	0	0	0	0	0		
RHC-E	0	0	0	0	0	1	0	1	0	0	0	0	0	0		
RHC-P	0	0	0	1	0	3	1	3	0	0	0	0	0	1		
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

**Locations providing week 45 laboratory data as of 19 November 2015:** 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, West Point, and Walter Reed.



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

Status as of 12 November 2015



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: Global Influenza Surveillance and Response System (GISRS), FluNet ([www.who.int/flu-net](http://www.who.int/flu-net)).



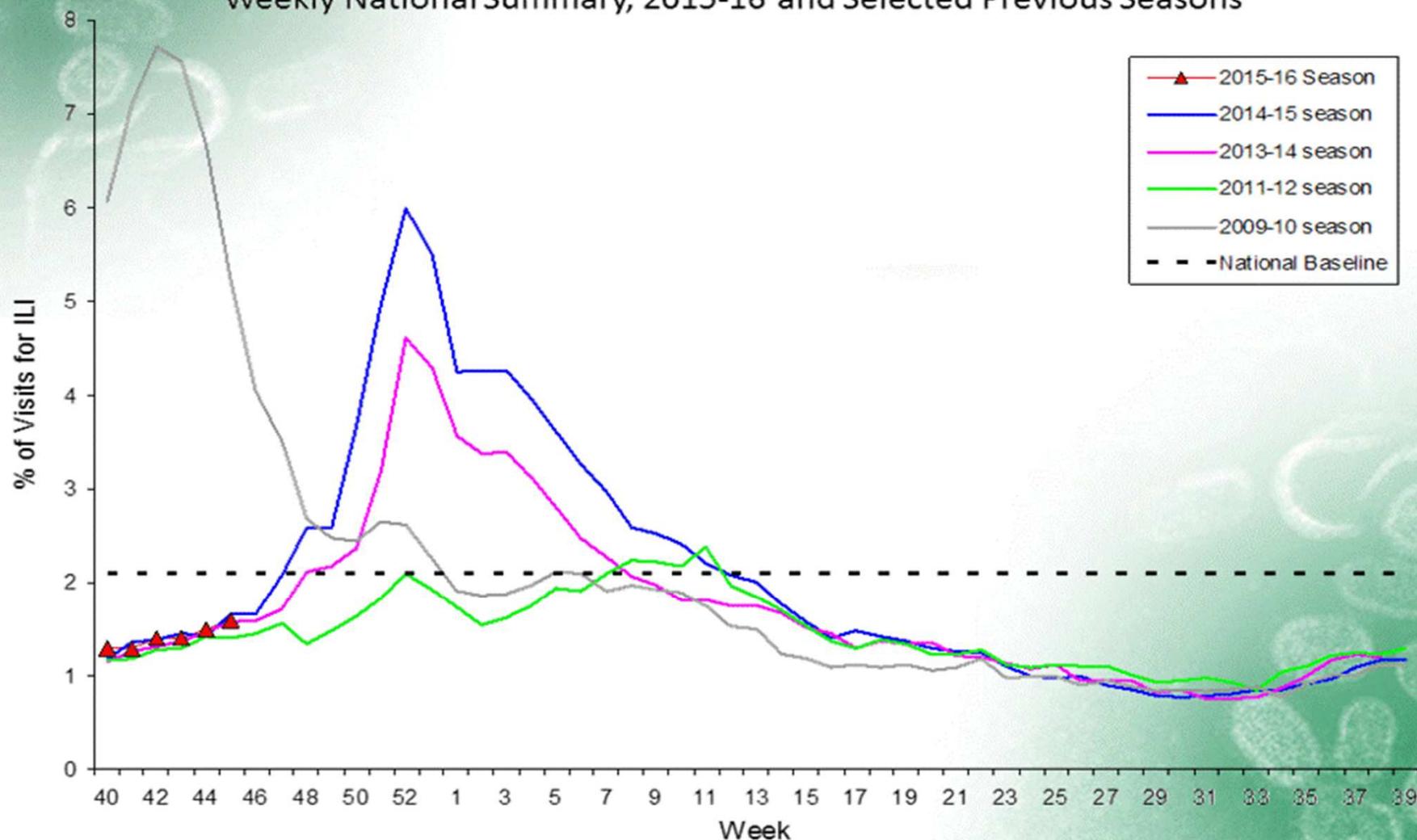
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# FLUVIEW



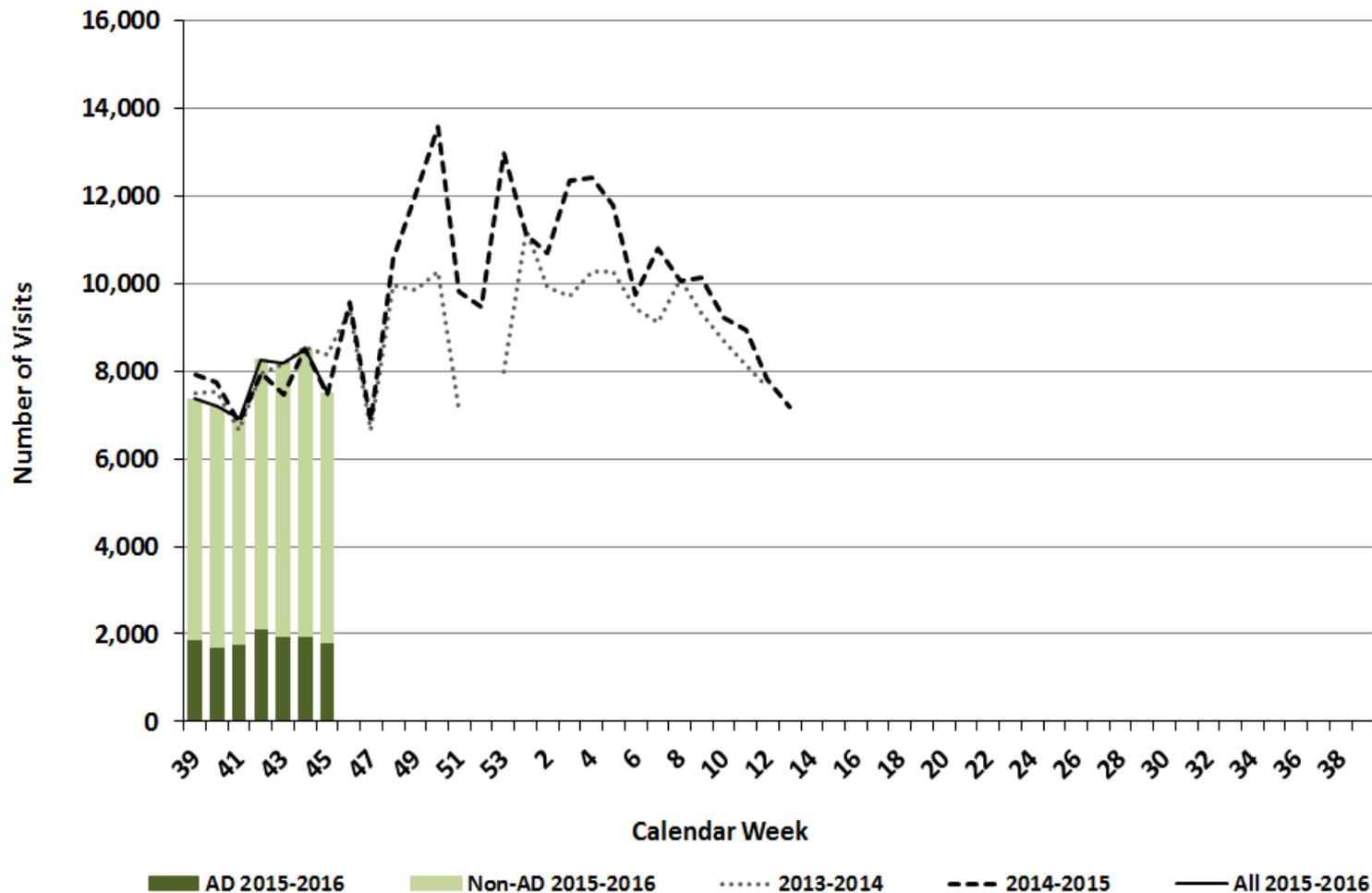
## A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-16 and Selected Previous Seasons



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

Army MTFs, All Services, 2013-2016

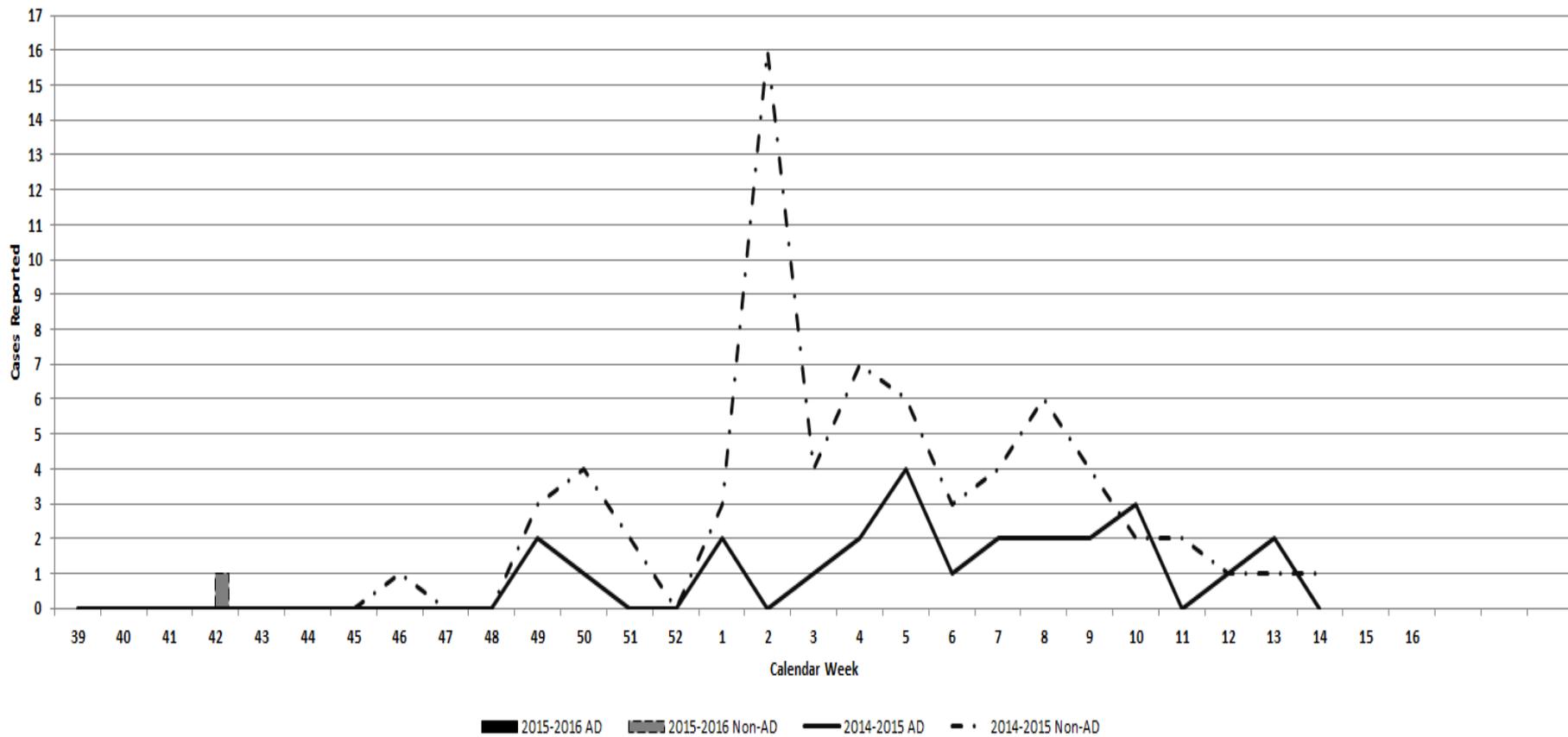


Clinic visits for ILI are obtained from ESSENCE. Data as of 19 November 2015.

### Army MTF Laboratory Results, 2015-16

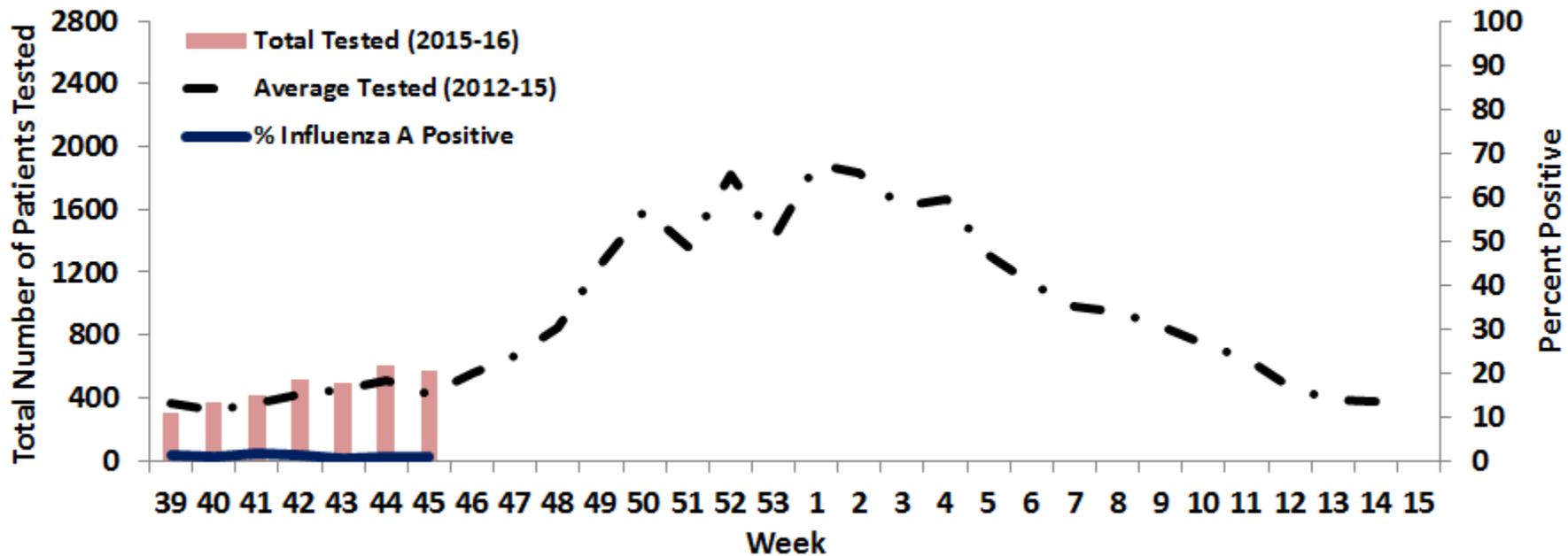
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Army Influenza Cases Reported in DRSi by Week of Symptom Onset



**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 19 November 2015.

Proportion of Positive Influenza A Specimens for U.S. Army 2015-2016



## Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 Influenza Season

