



Click on images to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 31 October 2015 (Week 43)

## 2015-2016 Seasonal Influenza Vaccination Coverage

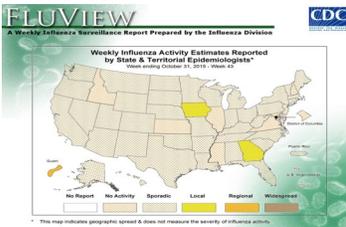
As of 30 October 2015

48%	DOD
47%	Army Active Duty
46%	Army Guard
40%	Army Reserve

**SYNOPSIS:** Overall activity remains very low in both Army and civilian populations. RHC-A was the only region to report positive influenza A specimens during week 43. No hospitalized influenza cases were reported in week 43.

- **ILI Activity:** Army incident ILI outpatient visits in week 43 were 6% lower than the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to APHC(P) through DRSi in week 43. Two cases have been reported to date this influenza season.
- **Viral specimens:** During week 43, 69 of 642 (11%) laboratory specimens tested positive for respiratory pathogens.(14%). RHC-A was the only region that reported positive influenza-A specimens during week 43.

## Geographic Spread

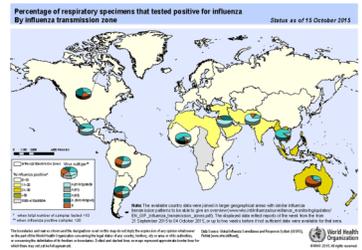


## United States

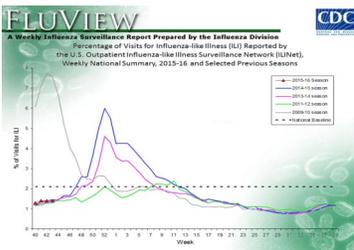
- In week 43, regional influenza activity was reported in Guam. Georgia and Iowa reported local activity, while 40 states reported sporadic activity. No influenza activity was reported by the US Virgin Islands, the District of Columbia and eight additional states.

## World Health Organization

- Few influenza detections were reported by countries in Africa. In countries with reported influenza activity in both Eastern and Western Africa, influenza type A viruses predominated.

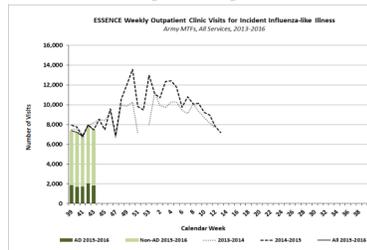


## ILI Activity United States



- Nationwide during week 43, 1.4% 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 0.6% to 3.3% across the regions reporting.

## ILI Activity Army



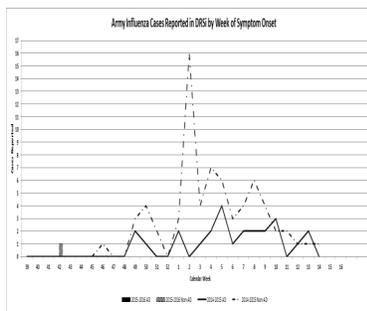
- During week 43, incident ILI activity was 6% lower than the same time last year and 6% lower than week 43 in 2013-2014.
- AD SMs accounted for 24% of incident ILI clinic visits during week 43; in 2014-2015, AD SMs comprised 27% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	3	7	7	2	23
Influenza B	0	4	2	4	12
Adenovirus	2	5	4	3	20
Enterovirus	3	0	0	1	4
Parainfluenza	16	12	14	16	68
RSV	29	19	29	43	150
Negative	410	452	561	573	2326
<b>Total Results</b>	<b>463</b>	<b>499</b>	<b>617</b>	<b>642</b>	<b>2603</b>

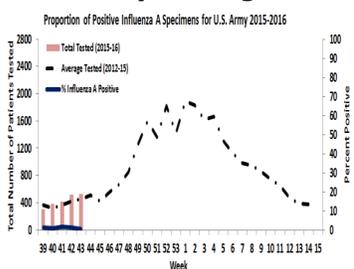
- In week 43, 11% (69) of specimens tested positive.
- Influenza A accounted for 3% of positive specimens.
- RSV accounted for 62% of positive specimens, parainfluenza for 23%, and adenovirus for 4%.
- Influenza B accounted for 6% of positive specimens.

## DRSi Influenza Case Reporting



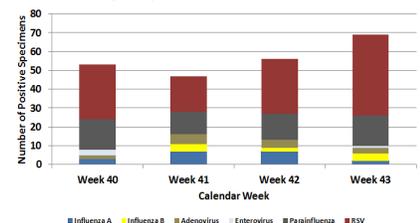
- In week 43, zero cases of influenza-associated hospitalization was reported in DRSi.
- At the same time last influenza season, no hospitalized influenza cases were reported. A total of 2 hospitalized cases have been reported to date this season.

## Laboratory Testing for Influenza A



- In week 43, 2 of 526 (0.4%) specimens tested positive for influenza A. This was a significant decrease from week 42 (1.3%). All (100%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-A was the only region to report influenza-A positive specimens. RHC-C, RHC-P, RHC-E, WRMC, and CENTCOM reported zero 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

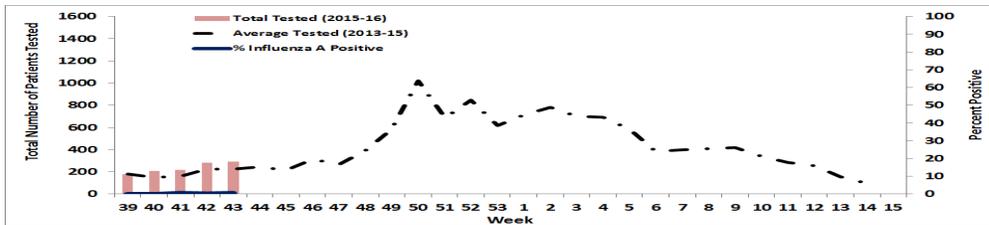
**Questions?**  
 Email APHC-DEP  
 410-417-3774



# U.S. Army Influenza Activity Report

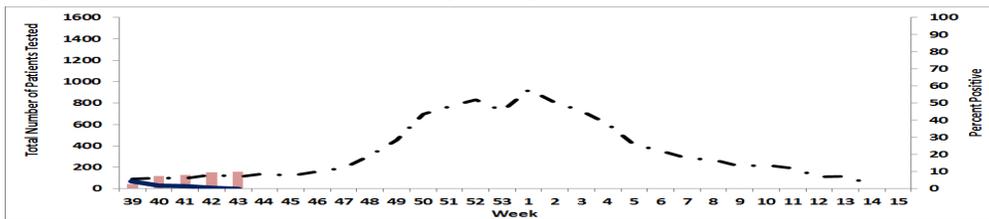
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

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



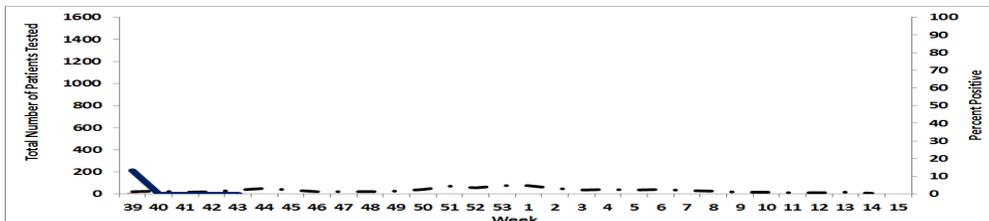
Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	2
18-29	0	0	0
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	0	1
<b>Total</b>	<b>0</b>	<b>2</b>	<b>4</b>

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



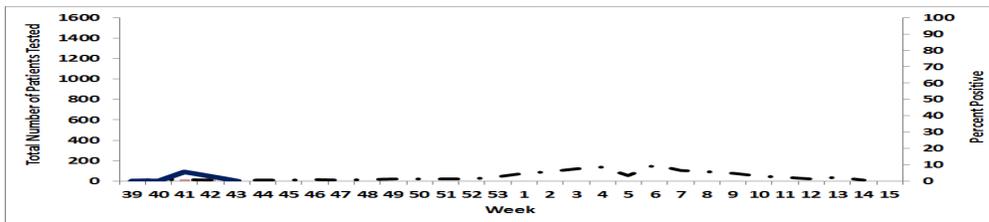
Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	3
18-29	0	0	3
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>7</b>

## Western Regional Medical Command (WRMC)



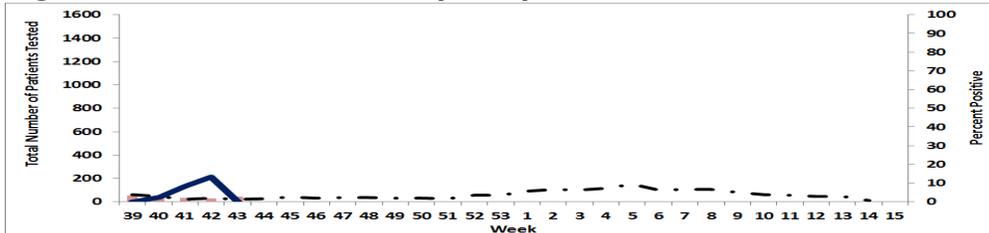
Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>

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



Week 43			
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 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	5
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>0</b>	<b>8</b>

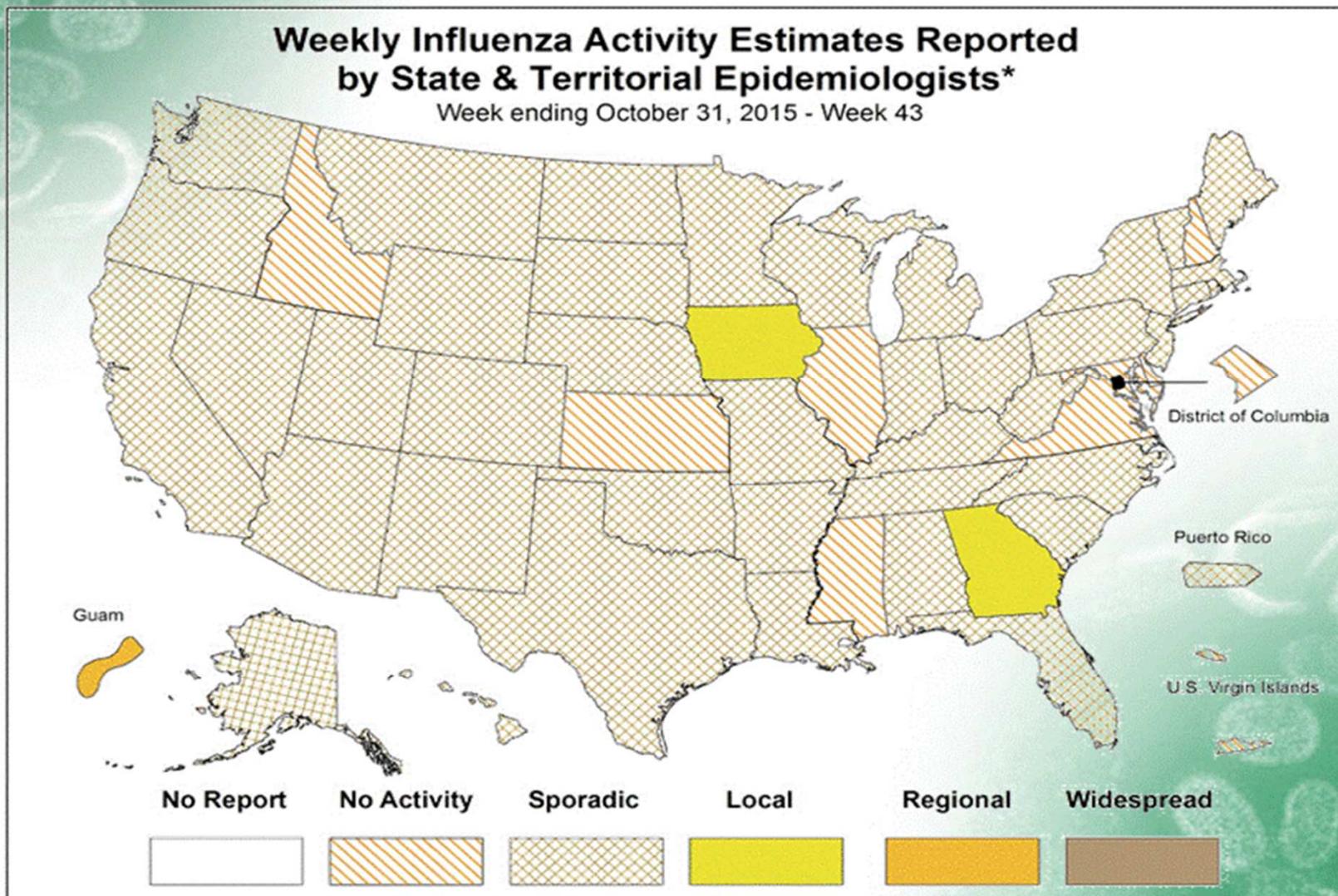
Number of Positive Influenza A Specimens by Duty Status and Region

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						
RHC-C	2	0	1	1	0	2	0	1	0	0						
WRMC	0	2	0	0	0	0	0	0	0	0						
RHC-E	0	0	0	0	0	1	0	1	0	0						
RHC-P	0	0	0	1	0	3	1	3	0	0						
CENTCOM	0	0	0	0	0	0	0	0	0	0						

**Locations providing week 43 laboratory data as of 29 October 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.

# FLUVIEW

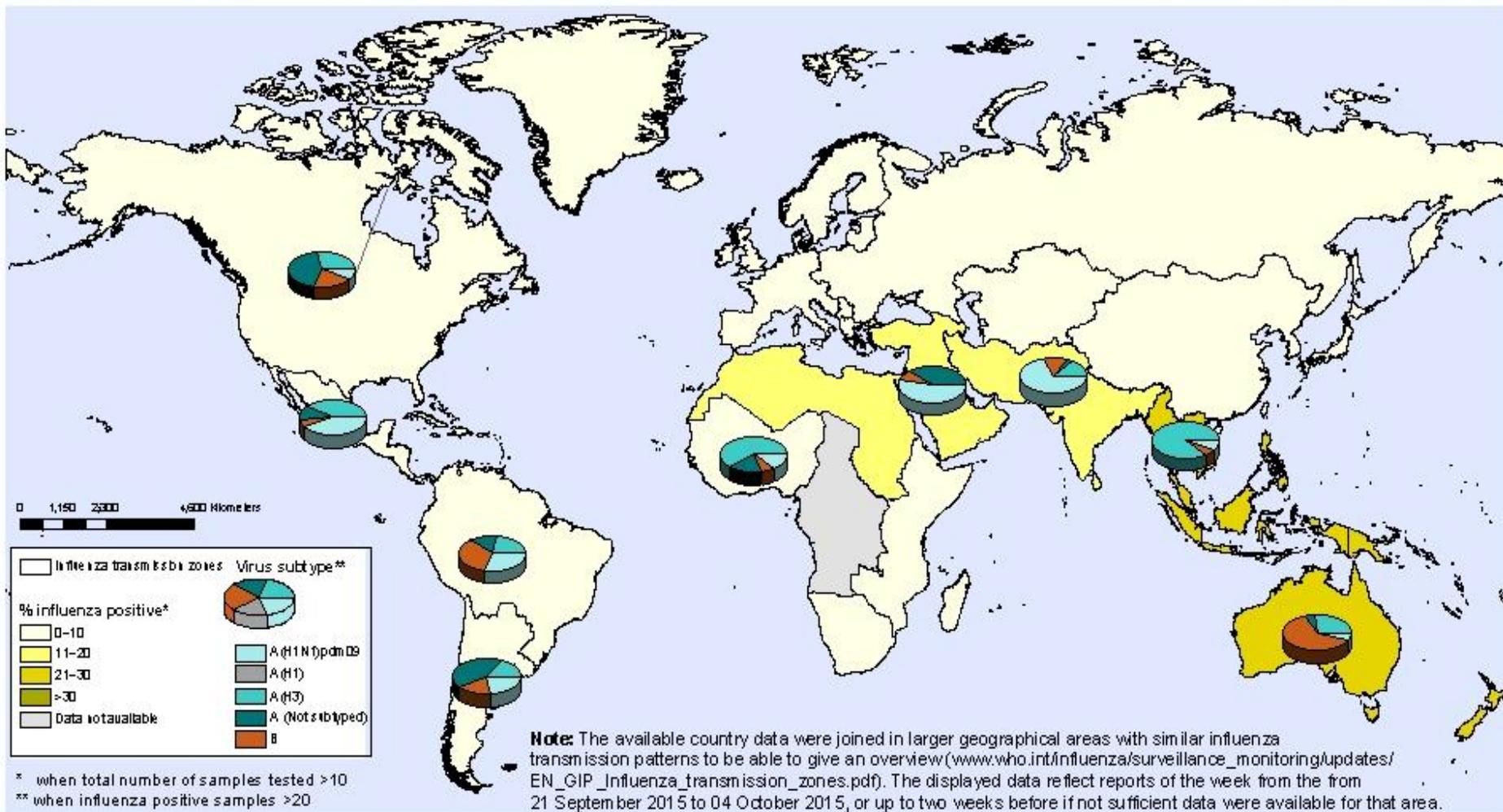
A Weekly Influenza Surveillance Report Prepared by the Influenza Division



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

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

Status as of 15 October 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.

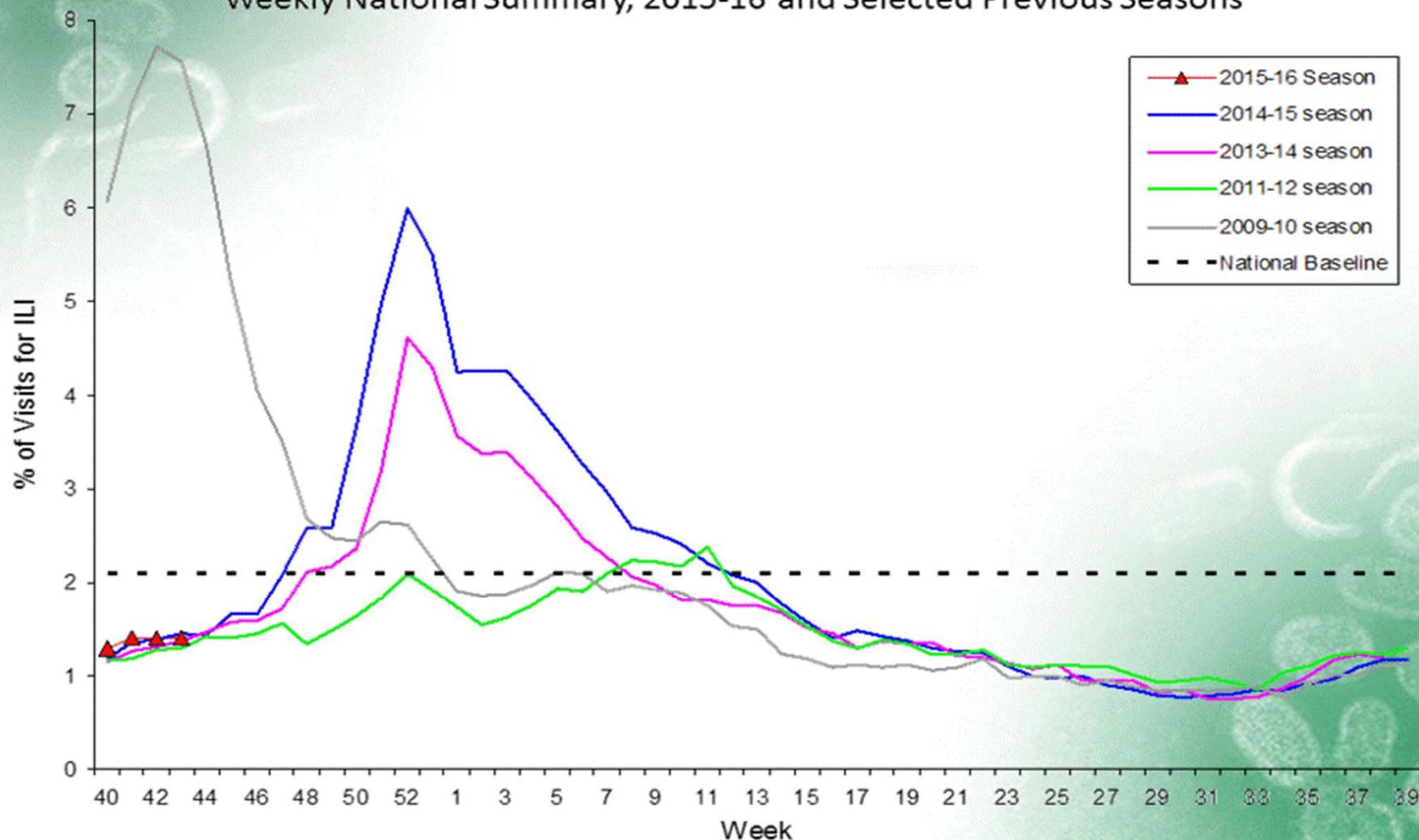
Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet ([www.who.int/fluinet/](http://www.who.int/fluinet/)).

# FLUVIEW



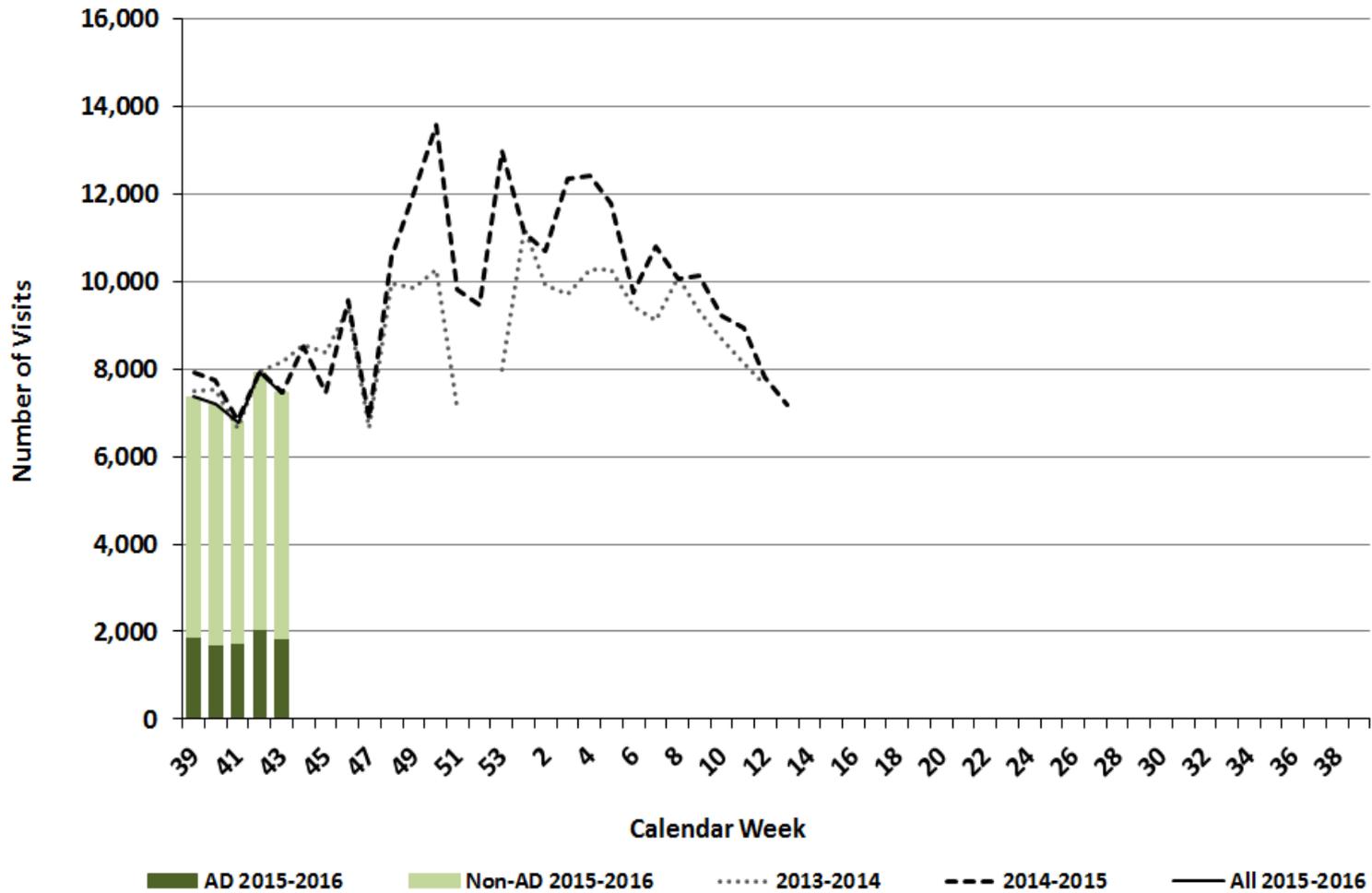
## A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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

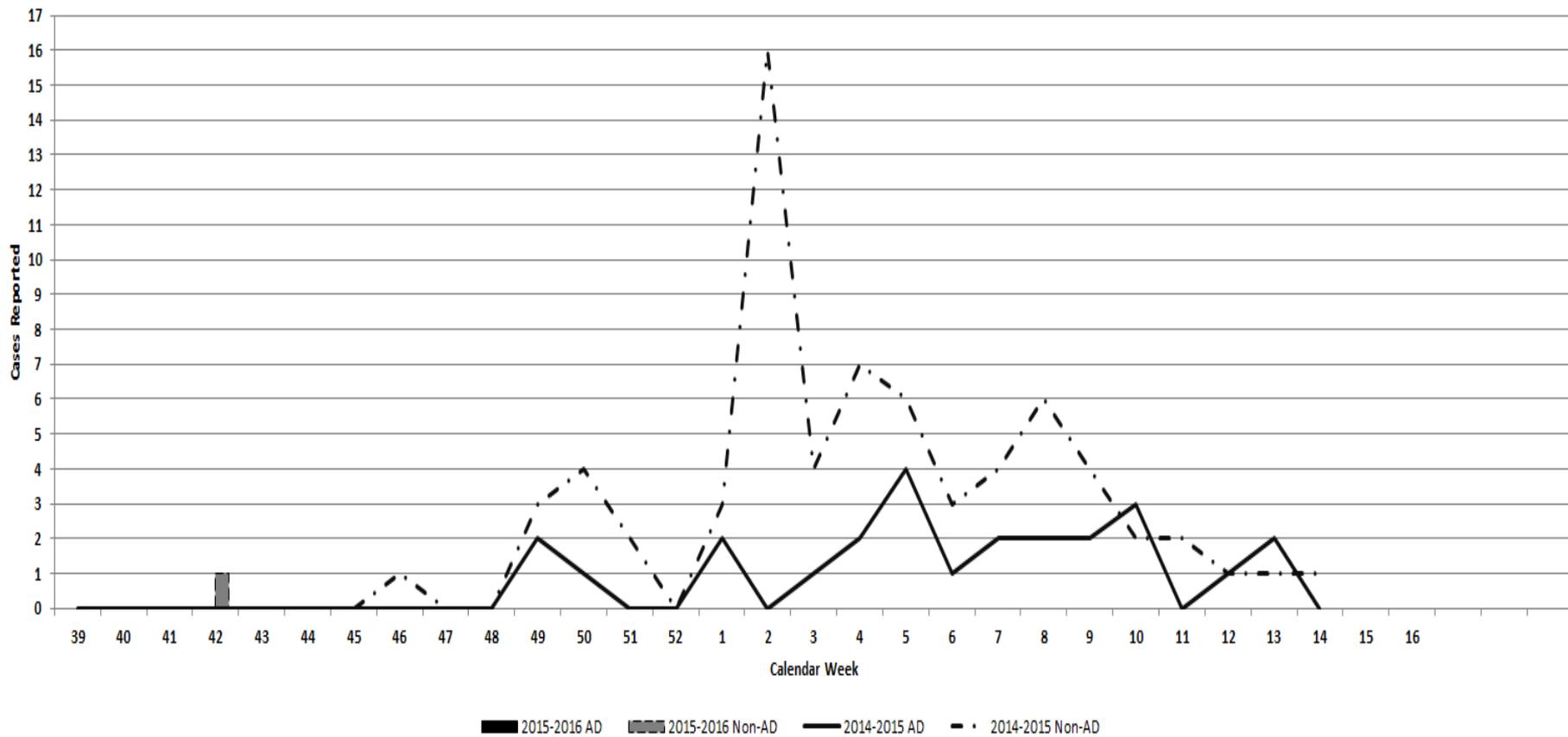


Clinic visits for ILI are obtained from ESSENCE. Data as of 3 November 2015.

### Army MTF Laboratory Results, 2015-16

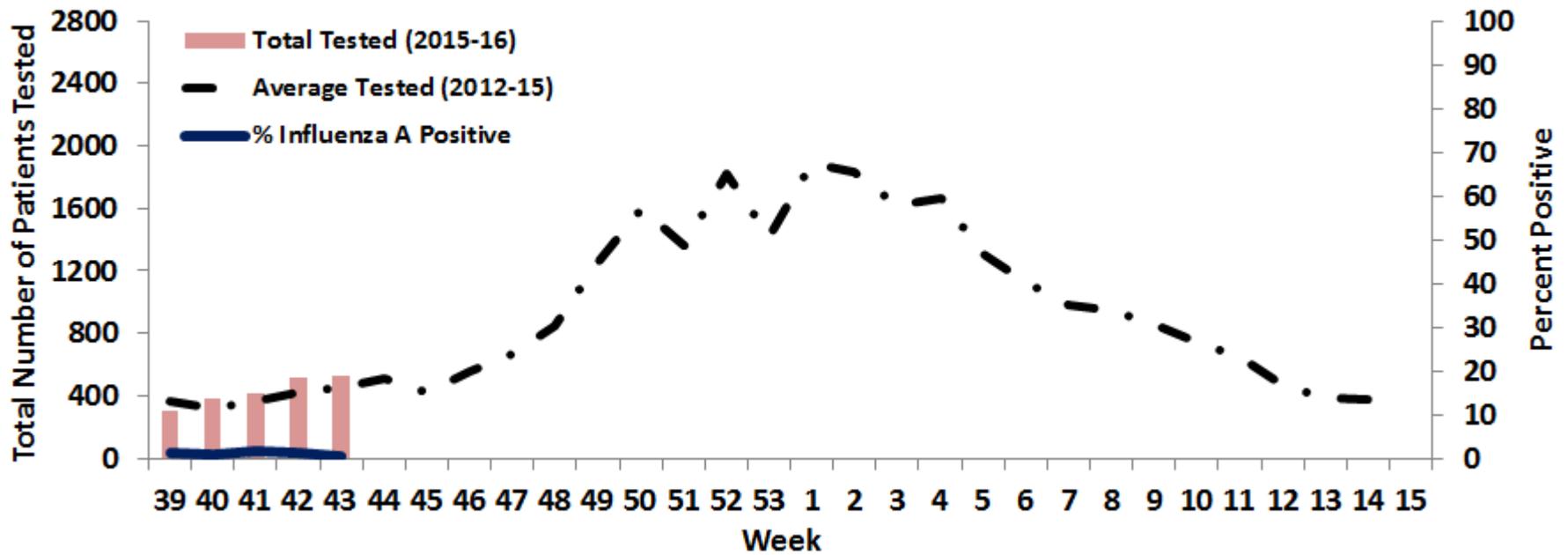
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RSV	29	19	29	43	<b>150</b>
<i>Negative</i>	<i>410</i>	<i>452</i>	<i>561</i>	<i>573</i>	<b>2326</b>
<b>Total Results</b>	<b>463</b>	<b>499</b>	<b>617</b>	<b>642</b>	<b>2603</b>

Army Influenza Cases Reported in DRSi by Week of Symptom Onset

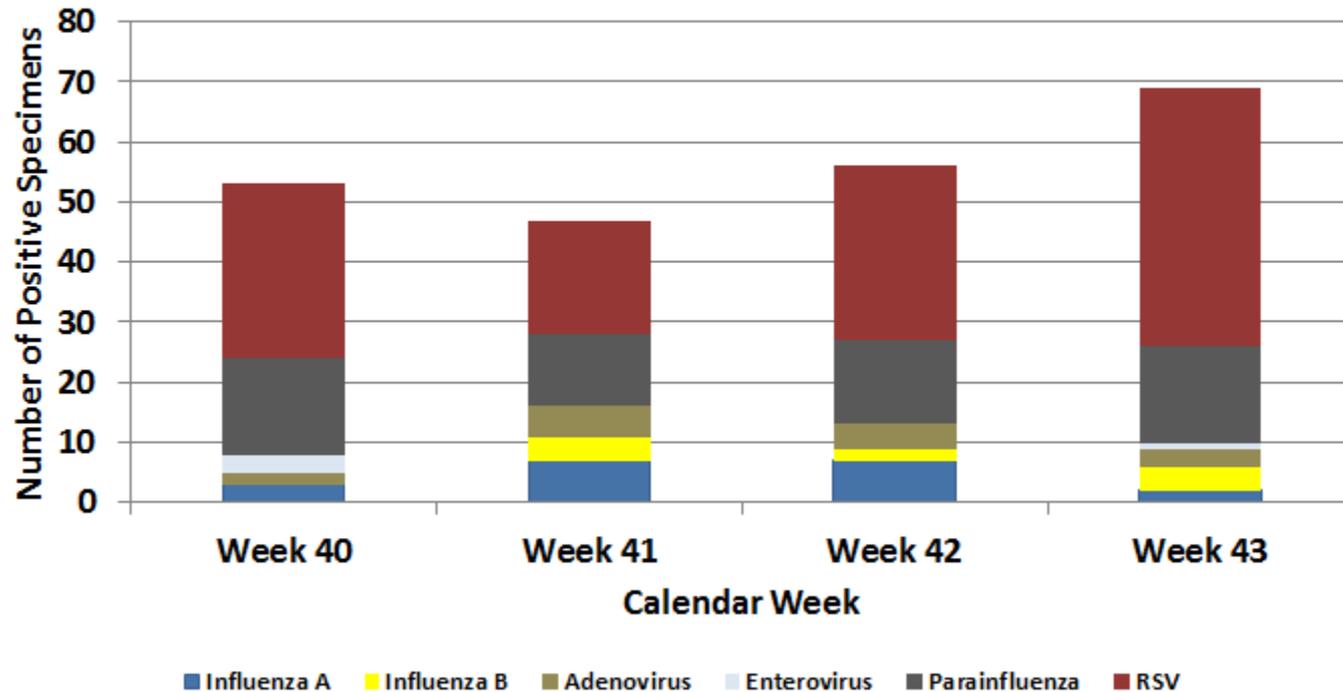


**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
 Data as of 3 November 2015.

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



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						
RHC-C	2	0	1	1	0	2	0	1	0	0						
WRMC	0	2	0	0	0	0	0	0	0	0						
RHC-E	0	0	0	0	0	1	0	1	0	0						
RHC-P	0	0	0	1	0	3	1	3	0	0						
CENTCOM	0	0	0	0	0	0	0	0	0	0						