

Click on images to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 17 October 2015 (Week 41)

## 2015-2016 Seasonal Influenza Vaccination Coverage

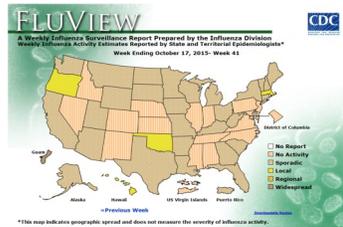
As of 15 October 2015

26%	DOD
23%	Army Active Duty
23%	Army Guard
20%	Army Reserve

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

- **ILI Activity:** Army incident ILI outpatient visits in week 41 were 19% lower than the same week last year.
- **Influenza cases:** One hospitalized influenza case was reported to USAPHC through DRSi in week 41. No other cases have been reported during this influenza season.
- **Viral specimens:** During week 41, 47 of 527 (9%) laboratory specimens tested positive for respiratory pathogens. RHC-P reported the most influenza A positive specimens (43%), followed by RHC-C (29%), and RHC-A and RHC-E which both accounted for 14%. WRMC and CENTCOM reported zero cases.

## Geographic Spread

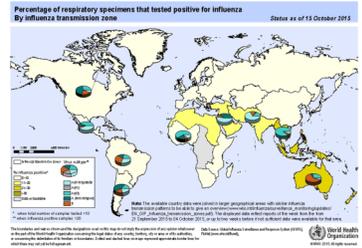


## United States

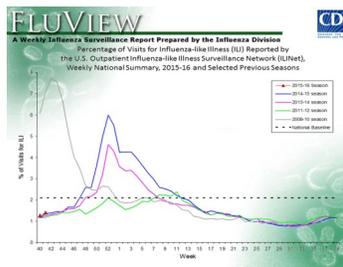
- In week 41, Guam reported widespread influenza activity. Four states reported local activity, while 29 states reported sporadic activity. No influenza activity was reported by the US Virgin Islands, the District of Columbia and 17 additional states.

## World Health Organization

- Globally, influenza activity generally decreased or remained low in both hemispheres, with only a few countries reporting elevated respiratory illness levels.

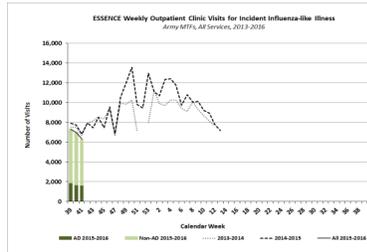


## ILI Activity United States



- Nationwide during week 41, 1.4% 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 0.5% to 2.9% across the regions reporting.

## ILI Activity Army



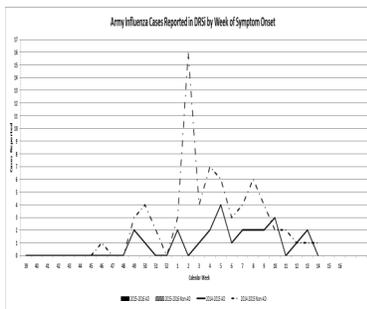
- During week 41, incident ILI activity was 19% lower than the same time last year and 16% lower than week 41 in 2013-2014.
- AD SMs accounted for 26% of incident ILI clinic visits during week 41; in 2014-2015, AD SMs comprised 27% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Test Result	Week 39	Week 40	Week 41	Week 42	Season Total
Influenza A	4	3	7		14
Influenza B	2	0	4		6
Adenovirus	6	2	5		13
Enterovirus	0	3	0		3
Parainfluenza	10	16	12		38
RSV	30	29	19		78
Negative	330	421	480		1231
<b>Total Results</b>	<b>382</b>	<b>474</b>	<b>527</b>	<b>0</b>	<b>1383</b>

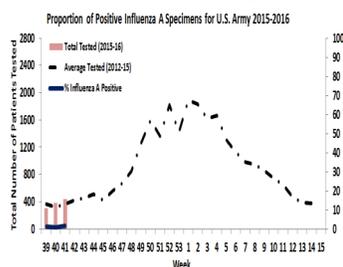
- In week 41, 9% (47) of specimens tested positive.
- Influenza A accounted for 15% of positive specimens.
- RSV accounted for 40% of positive specimens, parainfluenza for 26%, and adenovirus for 11%.
- Influenza B accounted for 9% of positive specimens.

## DRSi Influenza Case Reporting

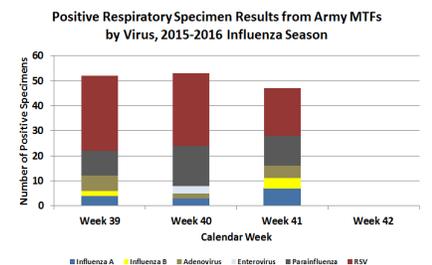


- In week 41, one case of influenza-associated hospitalization was reported in DRSi- an Army AD service member. The case was not vaccinated and had an underlying condition.
- At the same time last influenza season, no hospitalized influenza cases were reported. A total of 1 case has been reported so far this season.

## Laboratory Testing for Influenza A



- In week 41, 7 of 440 (1.6%) influenza A specimens tested positive. This was an increase from week 40 (0.8%). All of the positive influenza A specimens were reported in non-AD personnel.
- RHC-P reported 3 (43%) of the total influenza A cases. RHC-C reported 2 (29%) positive influenza A specimens, and both RHC-A and RHC-E reported 1 (14%). CENTCOM and WRMC reported zero cases.



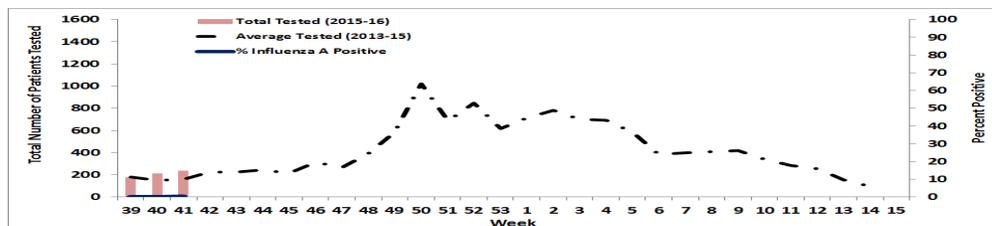
**Additional Resources:** [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)  
**Key:** ILI-Influenza-Like Illness; DRSi- Disease Reporting System 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@army.mil)  
 410-417-3774

# U.S. Army Influenza Activity Report

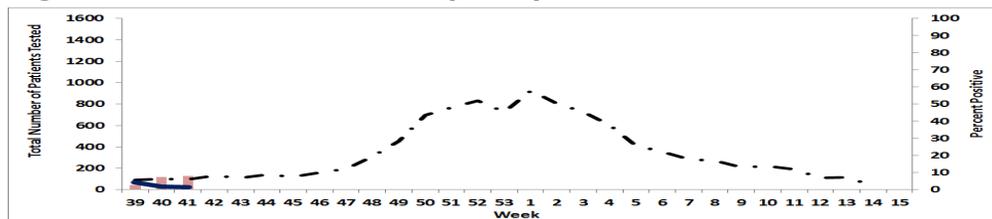
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

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



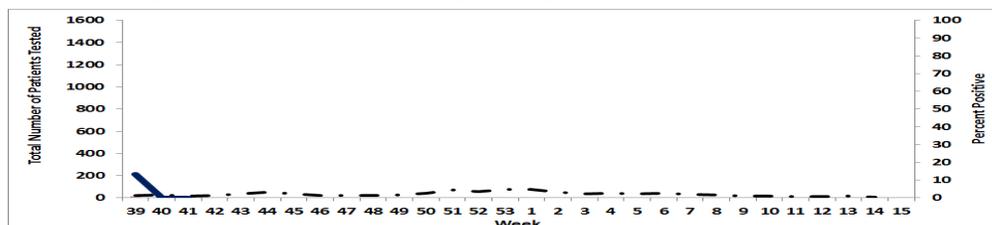
Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	0
40-49	0	1	1
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>

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



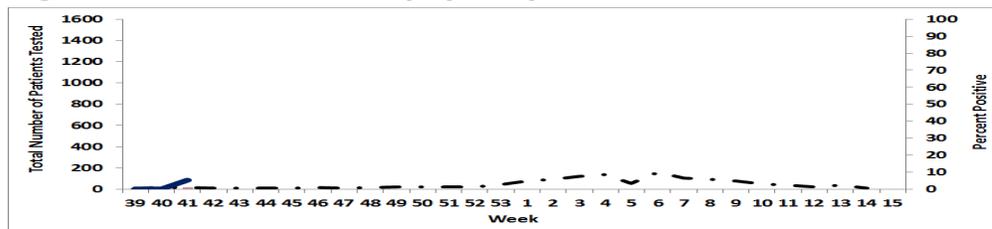
Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	2
18-29	0	1	3
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>2</b>	<b>6</b>

## Western Regional Medical Command (WRMC)



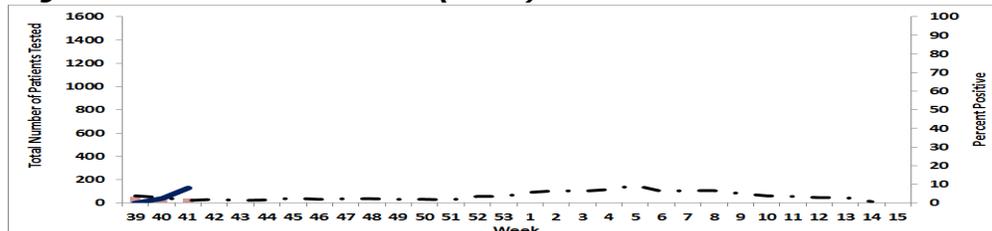
Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>

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



Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	1
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>1</b>	<b>1</b>

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



Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	2
18-29	0	1	1
30-39	0	0	0
40-49	0	0	0
50-59	0	1	1
60+	0	0	0
<b>Total</b>	<b>0</b>	<b>3</b>	<b>4</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										
RHC-C	2	0	1	1	0	2										
WRMC	0	2	0	0	0	0										
RHC-E	0	0	0	0	0	1										
RHC-P	0	0	0	1	0	3										
CENTCOM	0	0	0	0	0	0										

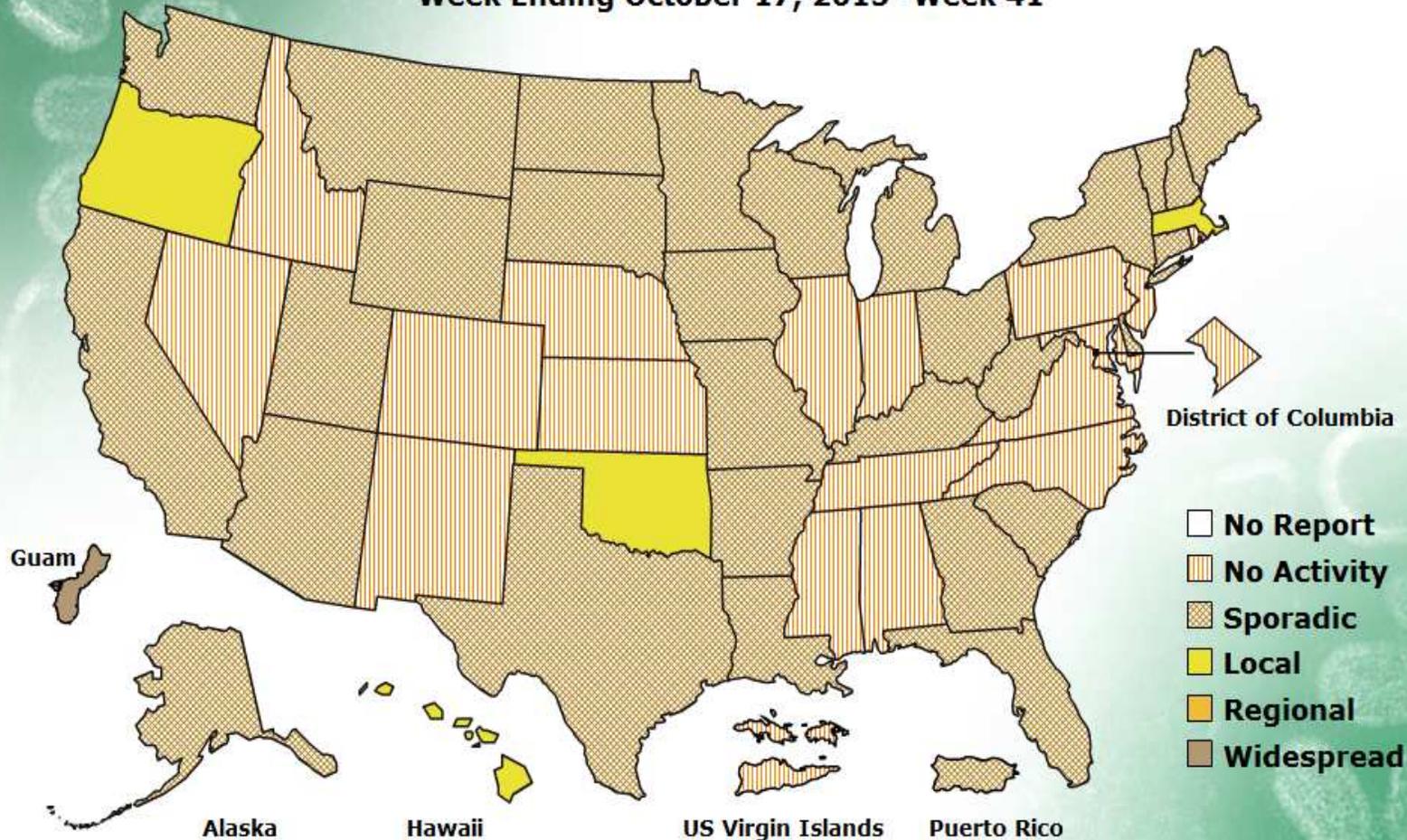
**Locations providing week 41 laboratory data as of 22 October 2015:** Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, 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  
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\***

**Week Ending October 17, 2015- Week 41**



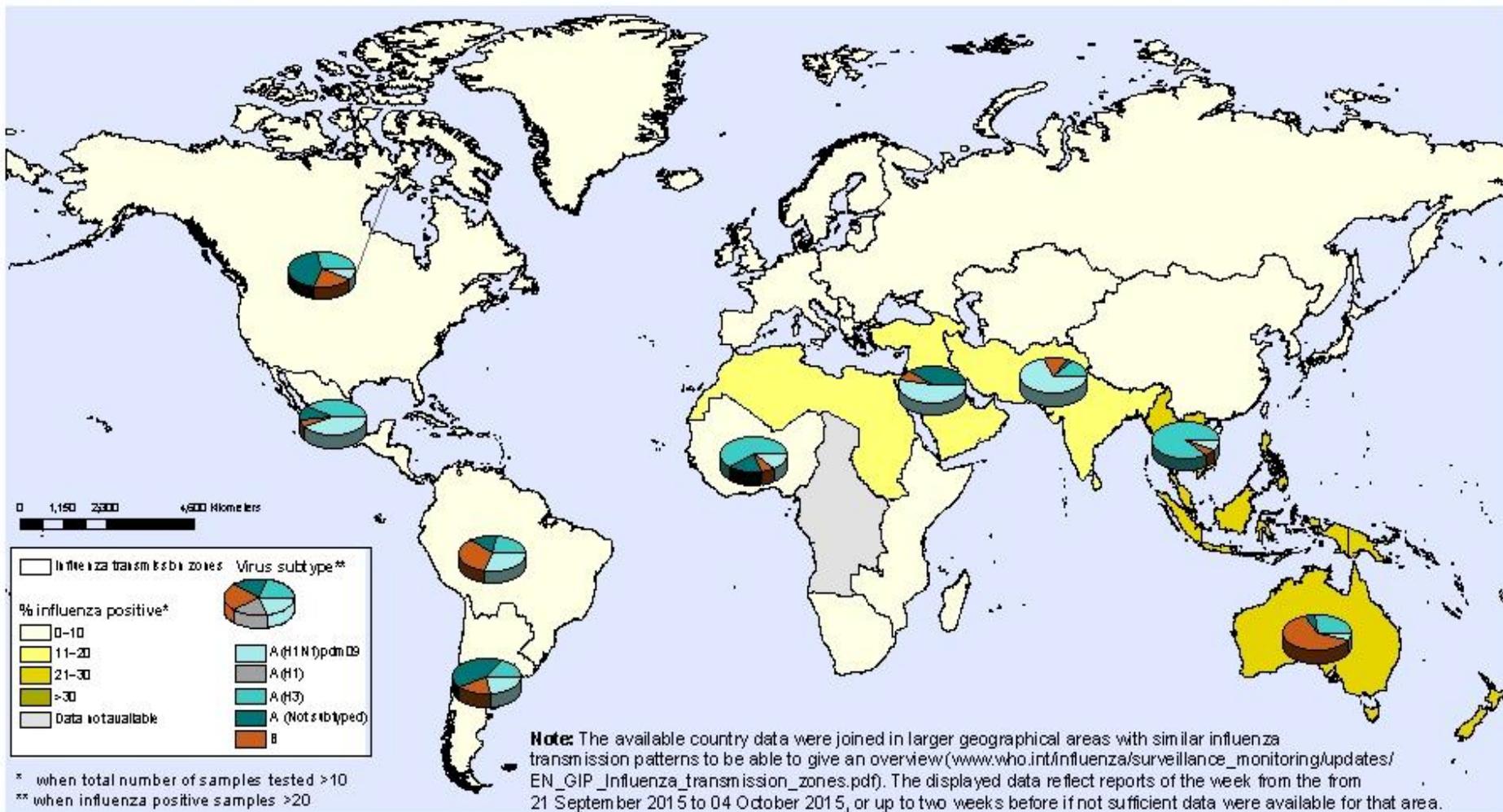
[«Previous Week](#)

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\*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 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.

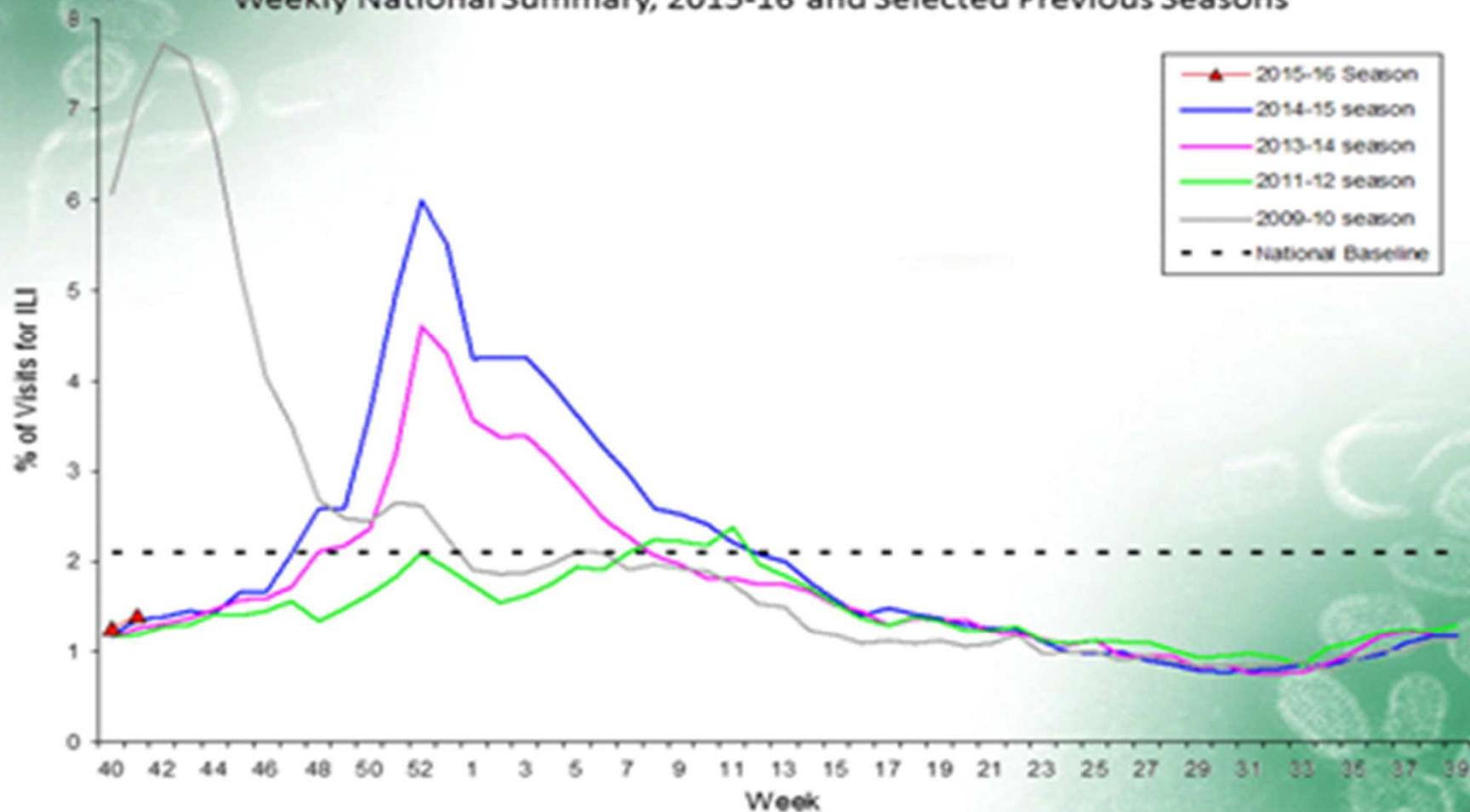
Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet ([www.who.int/flu-net](http://www.who.int/flu-net)).

# FLUVIEW

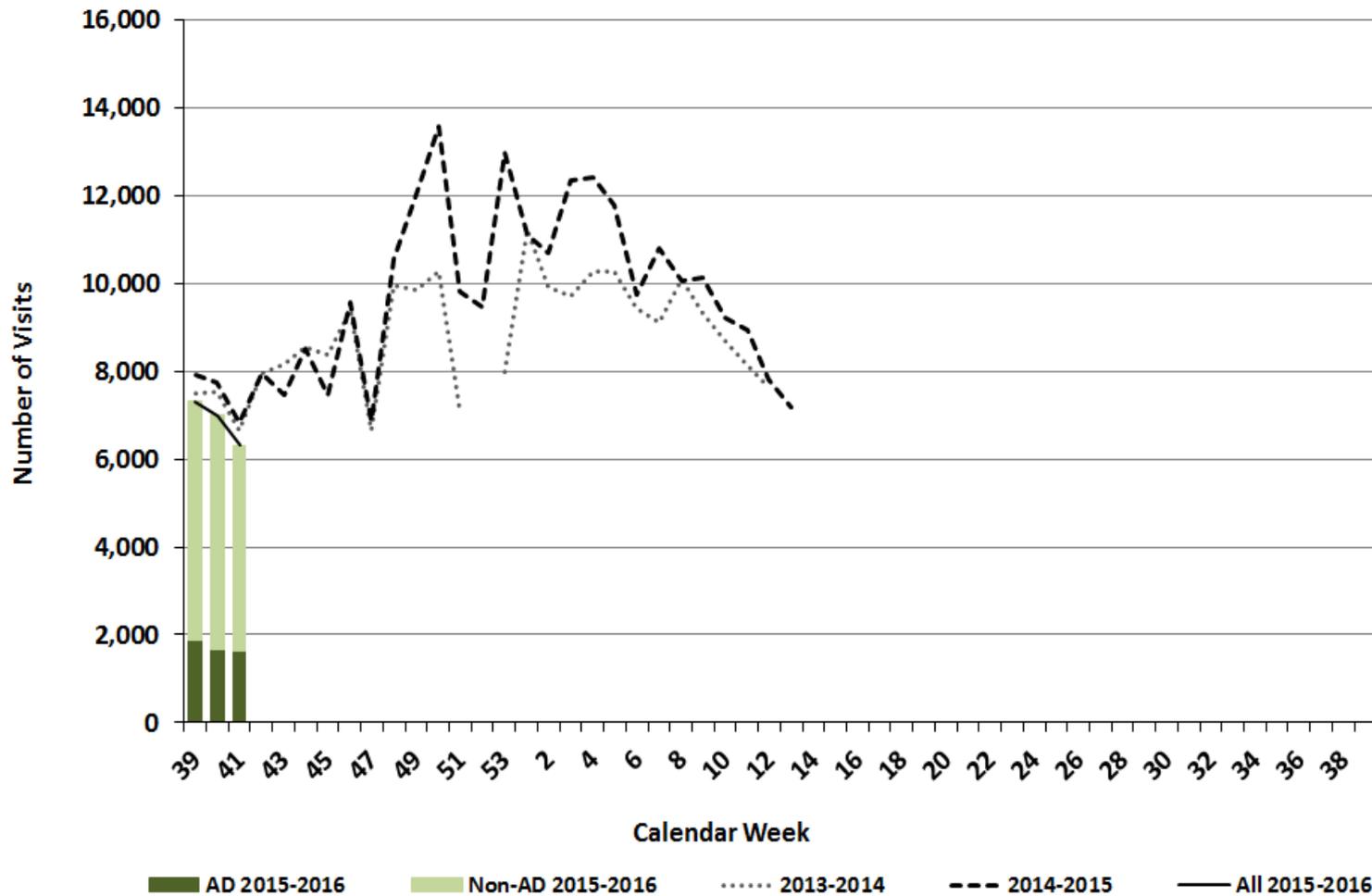


A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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*

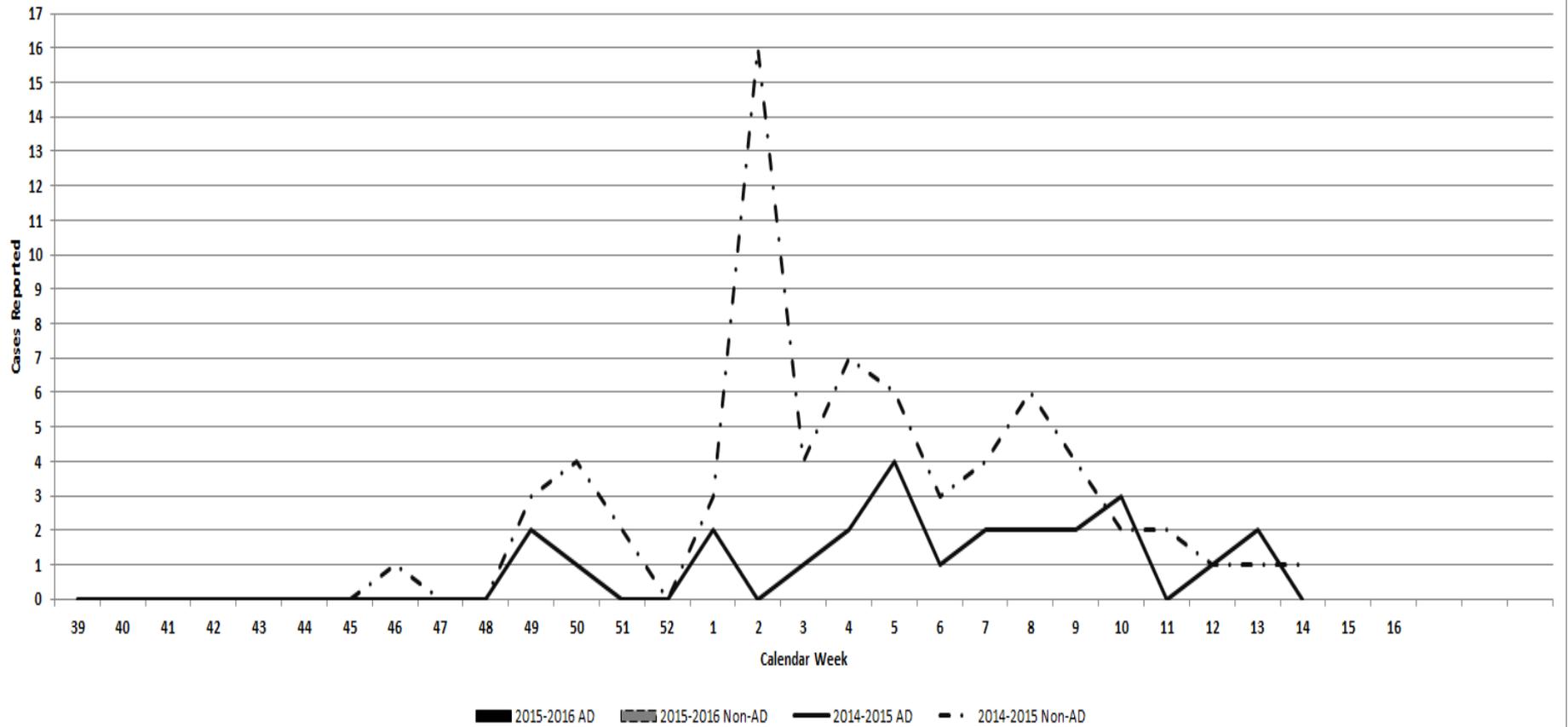


*Clinic visits for ILI are obtained from ESSENCE. Data as of 22 October 2015.*

### Army MTF Laboratory Results, 2015-16

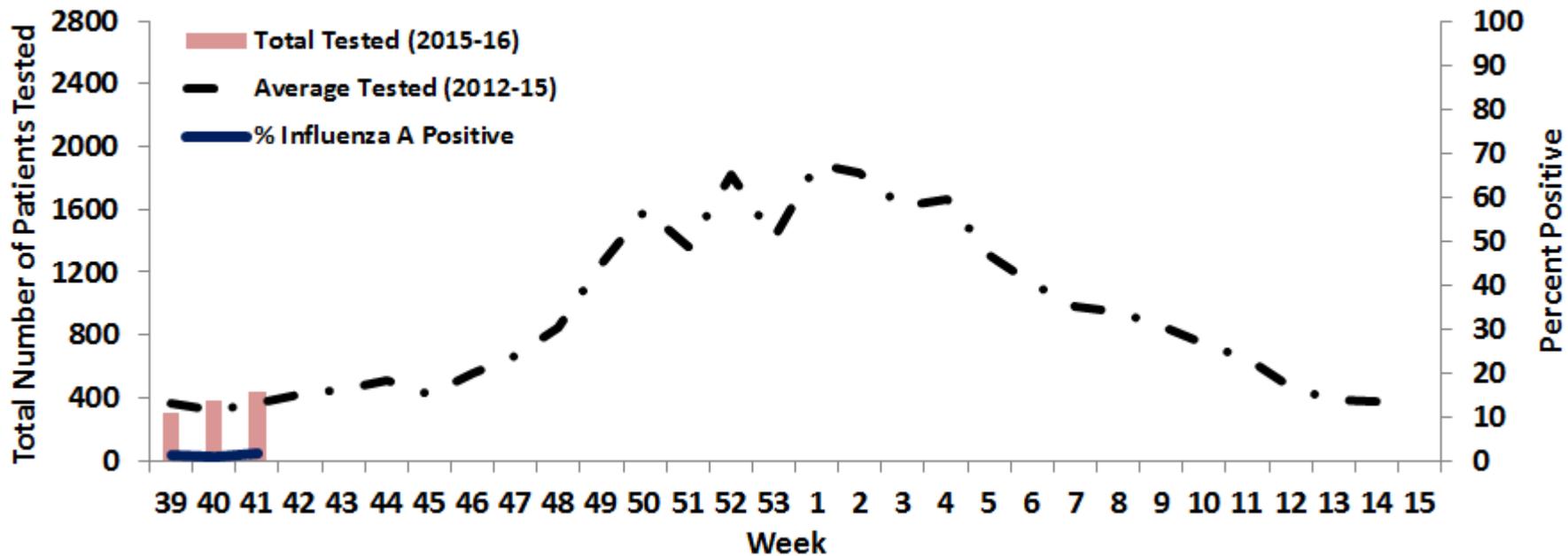
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<i>Negative</i>	<i>330</i>	<i>421</i>	<i>480</i>		<b>1231</b>
<b>Total Results</b>	<b>382</b>	<b>474</b>	<b>527</b>	<b>0</b>	<b>1383</b>

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 22 October 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

