



Click on images to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 5 March 2016 (Week 09)

## 2015-2016 Seasonal Influenza Vaccination Coverage

As of 25 February 2016

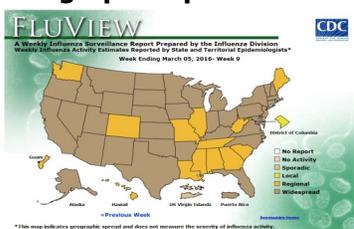
95%	DOD
97%	Army Active Duty
93%	Army Guard
84%	Army Reserve

\*Source: DHA

**SYNOPSIS:** Overall, influenza activity and positive influenza samples are continuing to increase in Army and civilian populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 9 were 11% higher than the same week last year.
- **Influenza cases:** Four hospitalized influenza cases were reported to APHC (Prov) through DRSi in week 9; all non-AD beneficiaries. None of the cases were vaccinated.
- **Viral specimens:** During week 9, 623 of 1899 (33%) laboratory specimens tested positive for respiratory pathogens. RHC-A reported 148 influenza A-positive specimens, RHC-C reported 138, RHC-P reported 53, and RHC-E reported 13. CENTCOM did not report any positive influenza A specimens.

## Geographic Spread

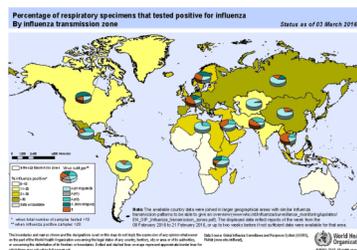


## United States

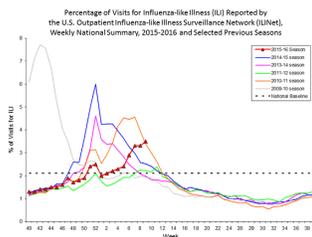
- In week 9, widespread and regional influenza activity was reported in Puerto Rico, Guam and all fifty states. The District of Columbia reported local influenza activity, while the US Virgin Islands reported sporadic activity.

## World Health Organization

- In the Northern Hemisphere high levels of influenza activity continued with influenza A(H1N1)pdm09 predominating and an increase in the proportion of influenza B viruses detected.

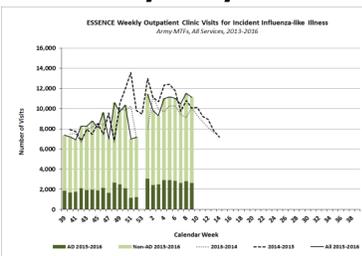


## ILI Activity United States



- Nationwide, during week 9, 3.5% of outpatient visits reported in ILINet were due to ILI, which is above the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 1.6% to 4.8% across all reporting regions.

## ILI Activity Army



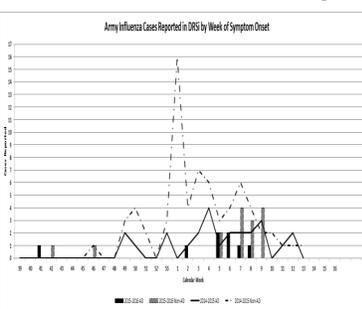
- During week 9, incident ILI activity was 11% higher than the same time last year and 10% higher than week 9 in 2013-2014.
- AD SMs accounted for 24% of incident ILI clinic visits during week 9. In 2014-2015, AD SMs comprised 25% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Test Result	Week 6	Week 7	Week 8	Week 9	Season Total
Influenza A	143	222	267	352	1215
Influenza B	40	67	74	118	413
Adenovirus	10	5	7	14	205
Enterovirus	0	1	1	0	21
Parainfluenza	4	1	1	5	206
RSV	93	104	97	134	1579
Negative	722	974	1069	1276	14830
<b>Total Results</b>	<b>1012</b>	<b>1374</b>	<b>1516</b>	<b>1899</b>	<b>18469</b>

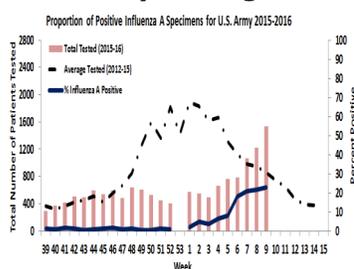
- In week 9, 33% (623) of specimens tested positive.
- Influenza A accounted for 57% of positive specimens.
- Influenza B accounted for 19% of positive specimens.
- RSV accounted for 22% of positive specimens while adenovirus accounted for 2%, and parainfluenza for less than 1%.

## DRSi Influenza Case Reporting



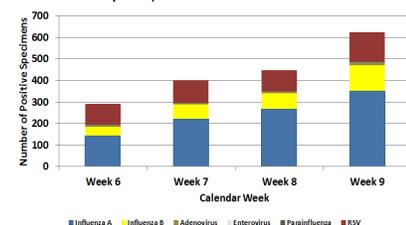
- In week 9, four cases of influenza-associated hospitalizations were reported in DRSi; all were non-AD beneficiaries. The cases were unvaccinated and one had an underlying condition.
- A total of 23 hospitalized cases have been reported to date this season, compared to 82 last season.

## Laboratory Testing for Influenza A



- In week 9, 352 of 1538 (22.9%) specimens tested positive for influenza A. This was an increase from week 8 (21.8%). 289 (82%) of the positive influenza A specimens were in non-AD personnel.
- RHC-A reported 148 (42%) of the total influenza A-positive specimens. RHC-C reported 138 (39%) positive specimens, RHC-P reported 53 (15%), and RHC-E reported 13 (4%). CENTCOM did not report any positive influenza A 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

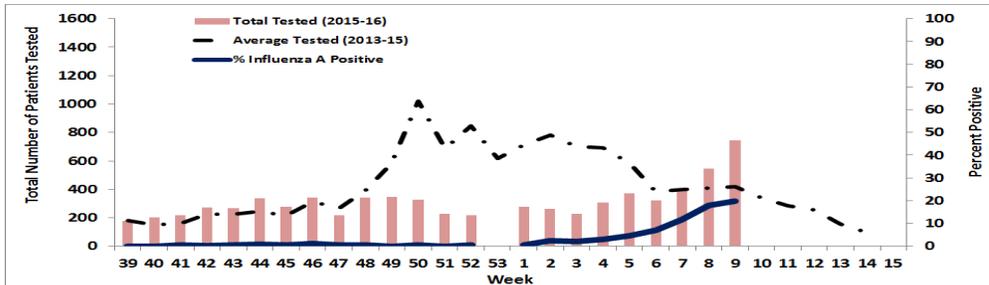
**Questions?**  
 Email APHC-DEP  
 410-417-3774



# U.S. Army Influenza Activity Report

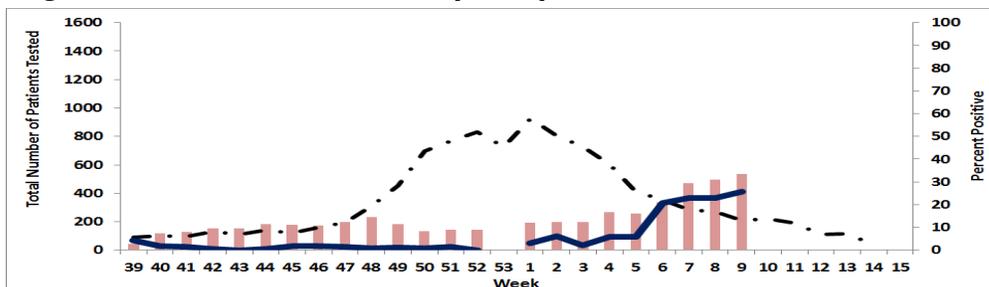
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2013-2015

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



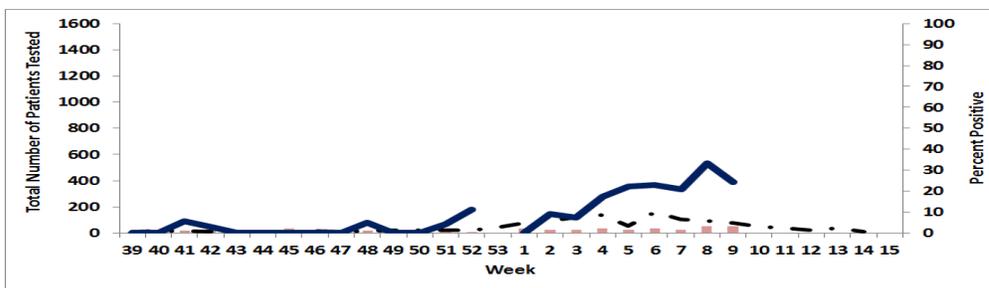
Week 9			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	78	190
18-29	5	10	47
30-39	7	14	43
40-49	12	9	48
50-59	0	8	30
60+	0	5	14
<b>Total</b>	<b>24</b>	<b>124</b>	<b>372</b>

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



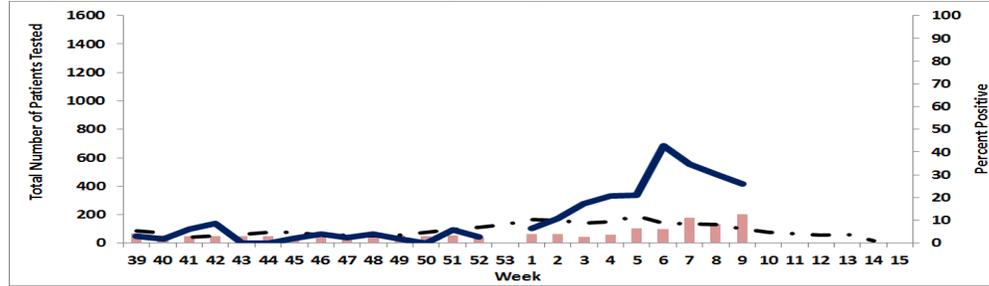
Week 9			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	82	251
18-29	7	7	74
30-39	6	8	68
40-49	5	7	49
50-59	0	7	35
60+	0	9	28
<b>Total</b>	<b>18</b>	<b>120</b>	<b>505</b>

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



Week 9			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	25
18-29	2	1	11
30-39	3	2	19
40-49	2	0	8
50-59	0	0	0
60+	0	1	1
<b>Total</b>	<b>7</b>	<b>6</b>	<b>64</b>

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



Week 9			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	26	141
18-29	5	1	37
30-39	4	4	36
40-49	4	4	28
50-59	1	0	12
60+	0	4	17
<b>Total</b>	<b>14</b>	<b>39</b>	<b>271</b>

Number of Positive Influenza A Specimens by Duty Status and Region

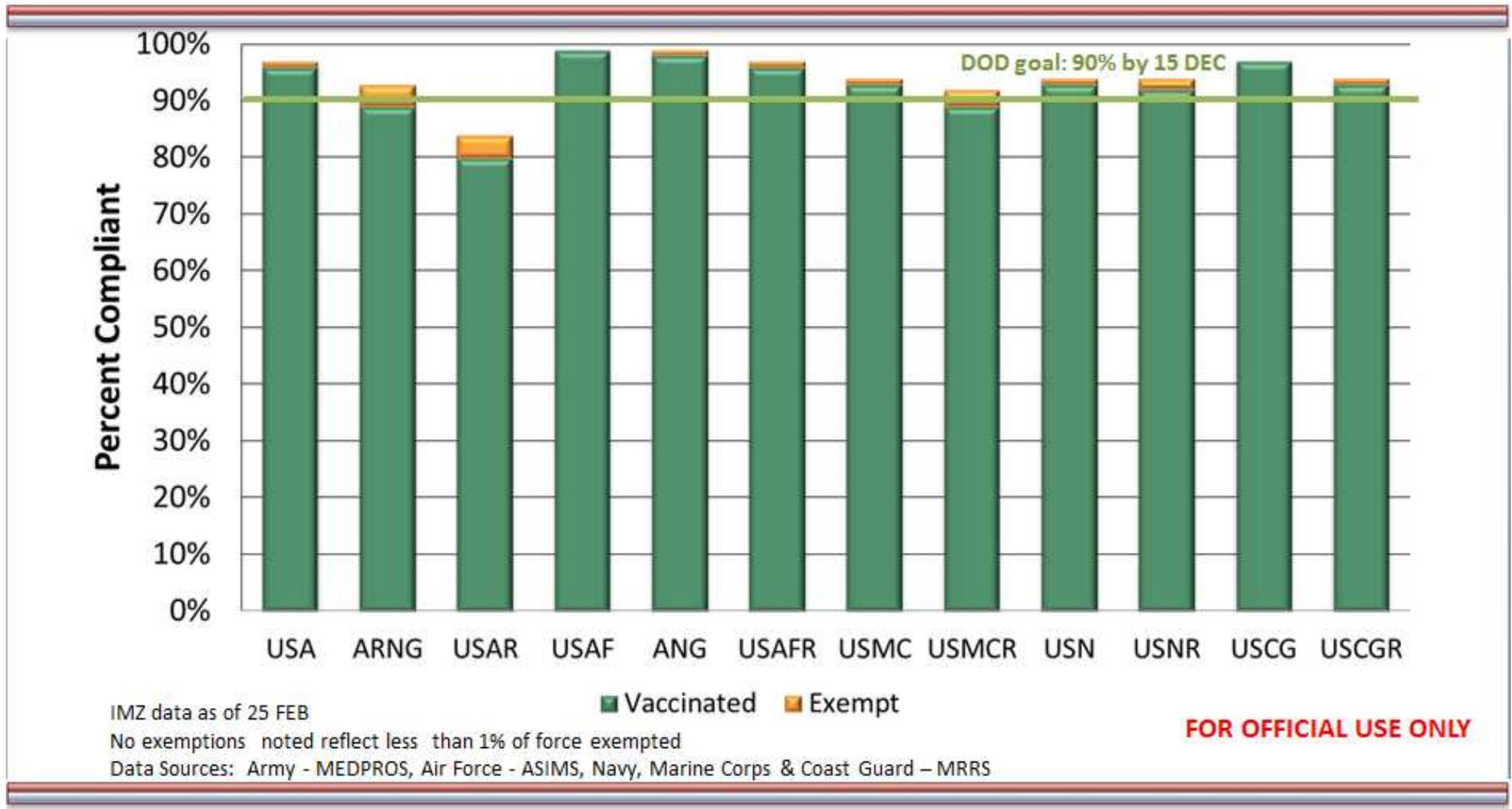
Region	Week 2		Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9	
	AD	Non-AD														
RHC-A	3	3	2	3	1	8	5	12	6	17	5	41	14	83	24	124
RHC-C	6	6	2	2	5	10	4	11	17	53	14	94	21	92	18	120
RHC-E	1	1	2	0	2	4	1	5	4	4	1	4	5	12	7	6
RHC-P	1	6	0	8	3	9	5	17	8	34	10	52	9	31	14	39
CENTCOM	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0

**Locations providing week 9 laboratory data as of 8 March 2016:** 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.



# Seasonal Influenza Immunization Status

## Weekly Army (COMPO 1) compliance as of 25 February 2016



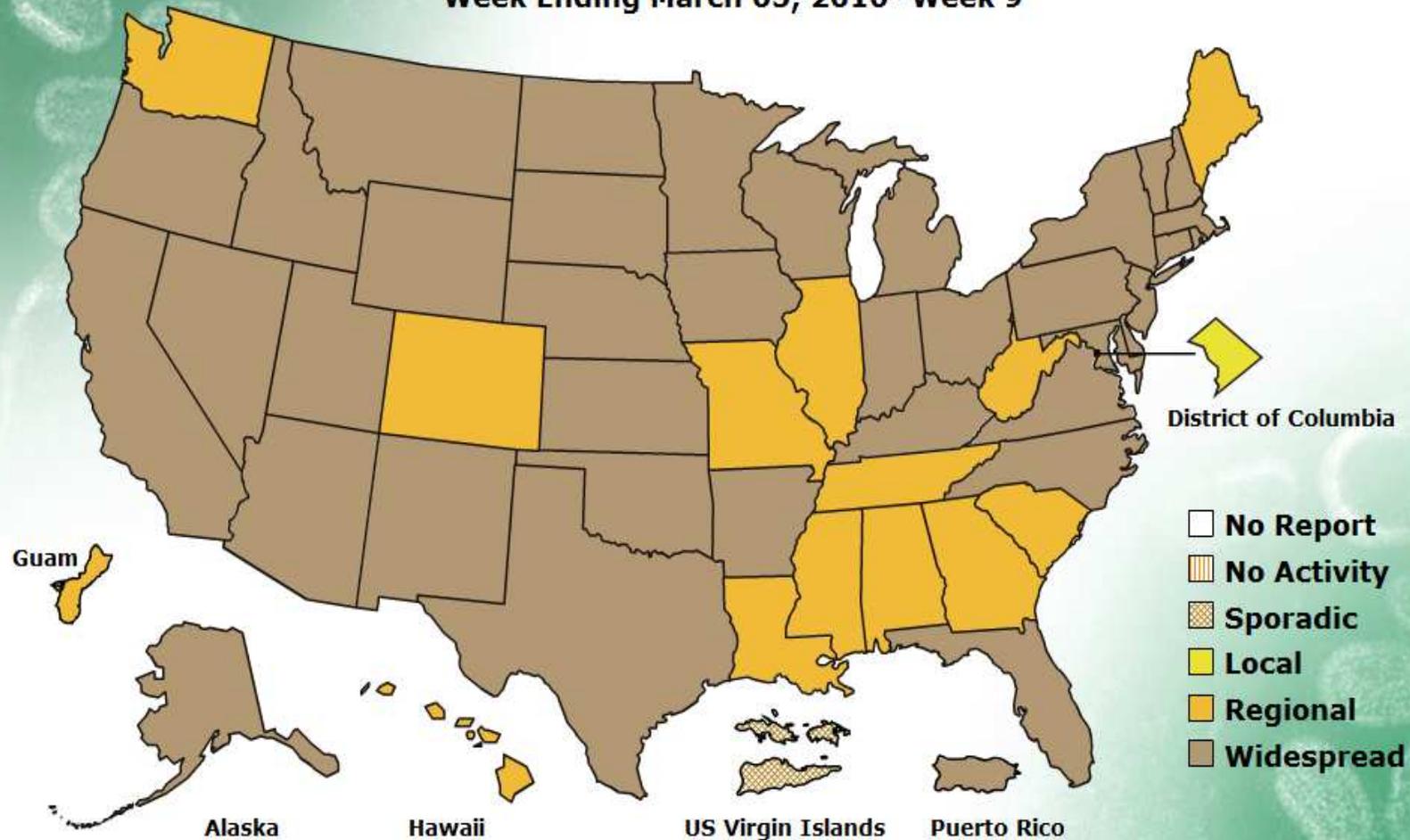
Data Source: MEDPROS  
Previous weeks included for comparison

# FLUVIEW



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

**Week Ending March 05, 2016- Week 9**



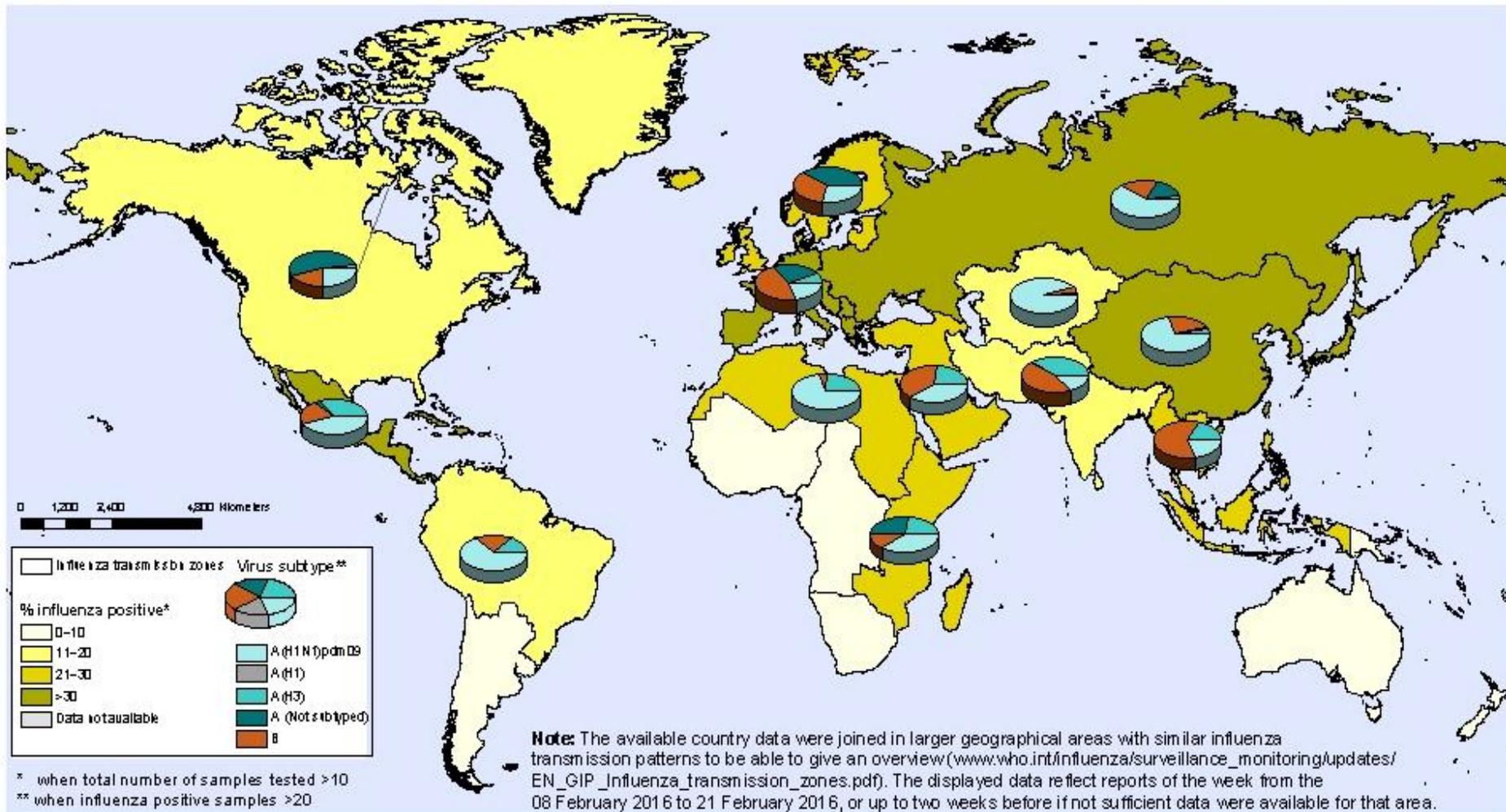
[«Previous Week](#)

[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 03 March 2016



\* when total number of samples tested >10

\*\* when influenza positive samples >20

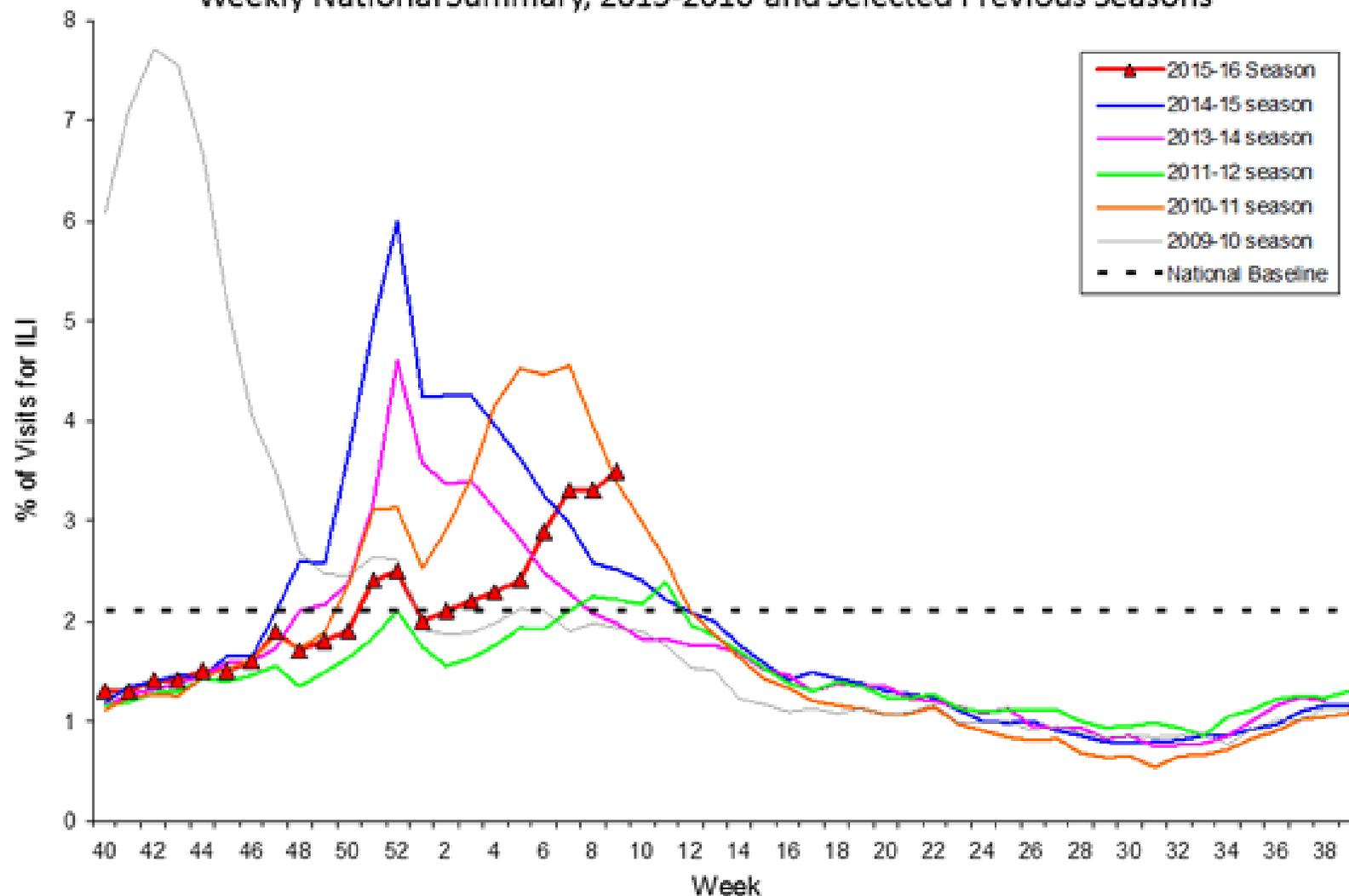
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers 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)).

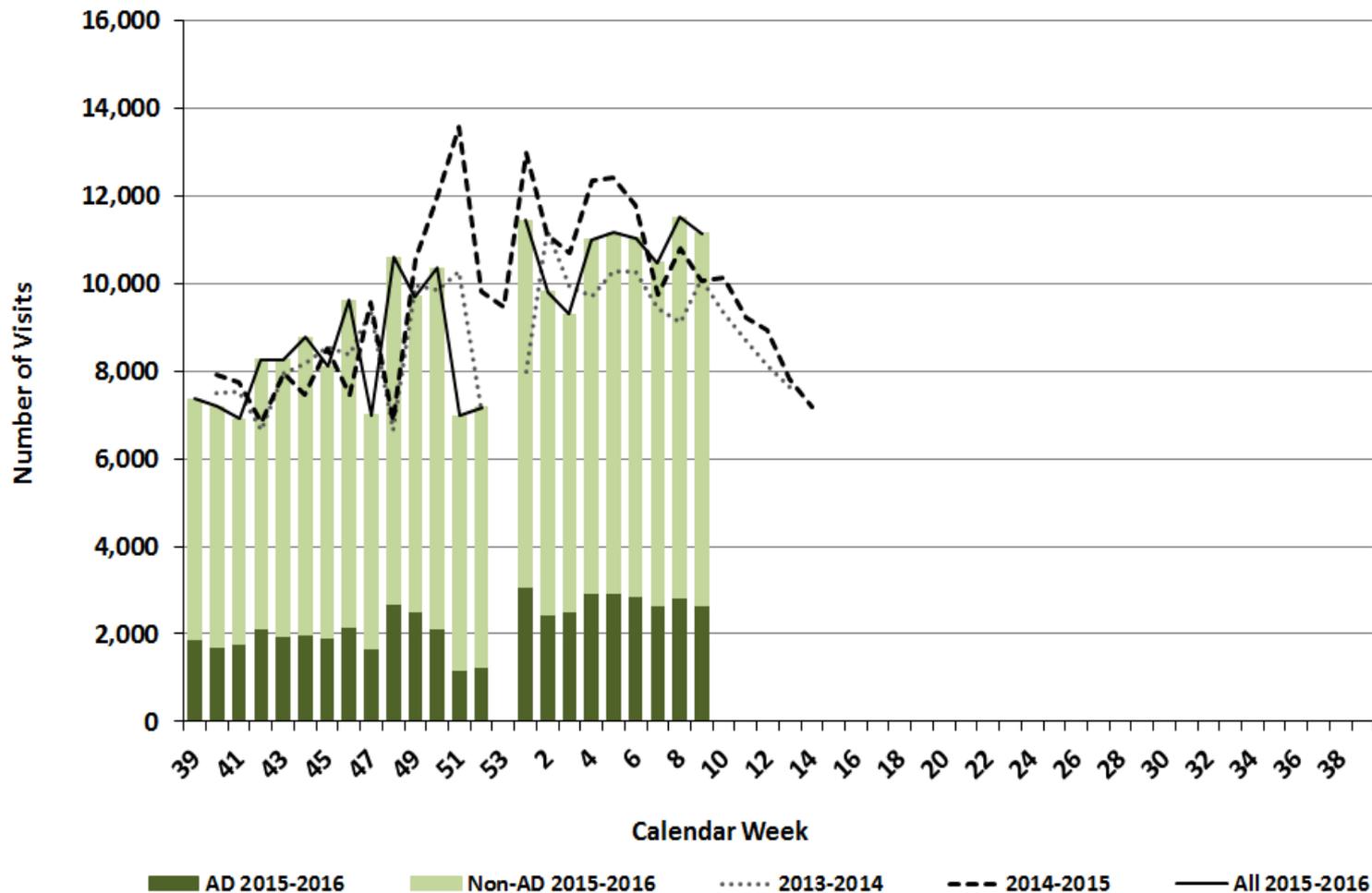


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-2016 and Selected Previous Seasons



**ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness**  
*Army MTFs, All Services, 2013-2016*

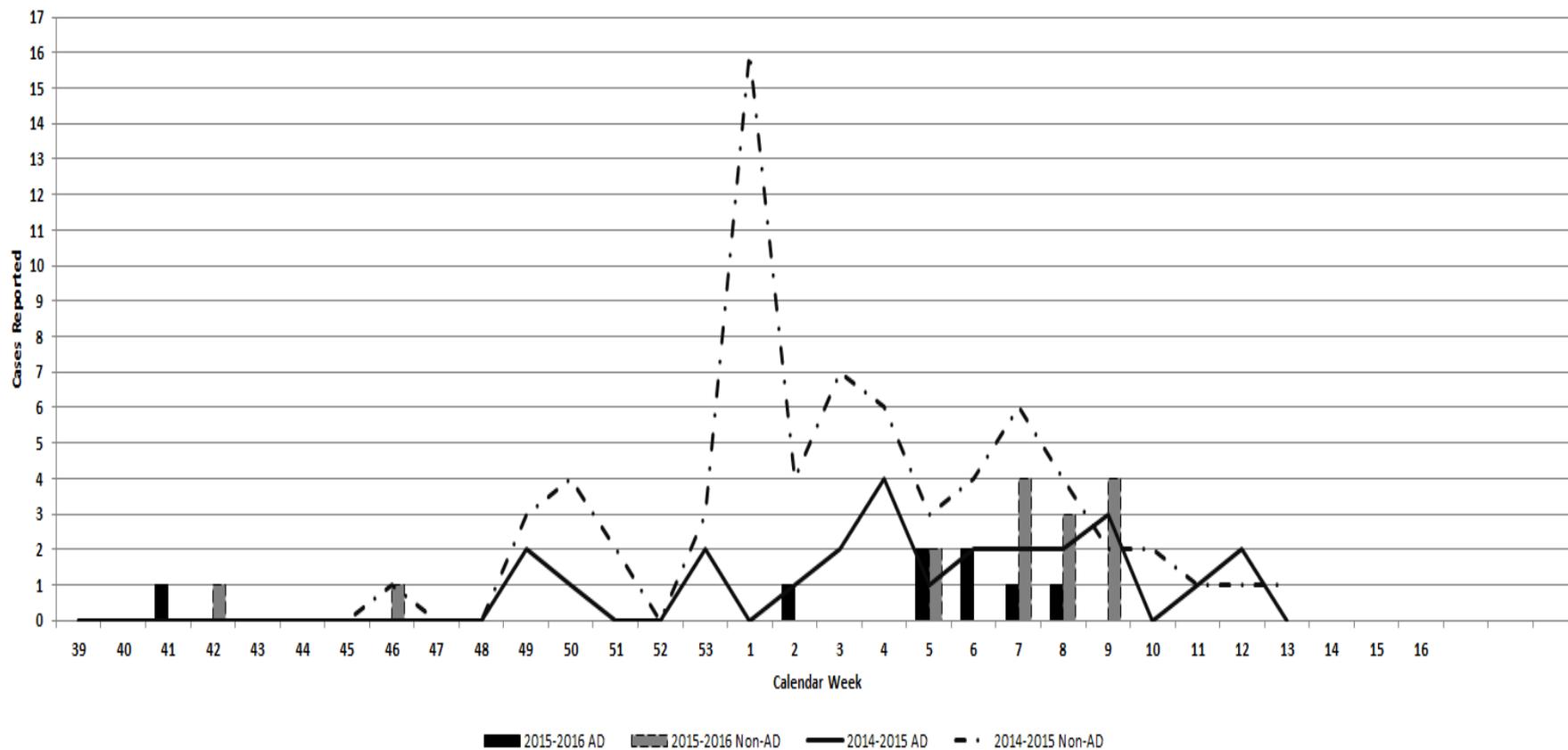


*Clinic visits for ILI are obtained from ESSENCE. Data as of 10 March 2016.*

### Army MTF Laboratory Results, 2015-16

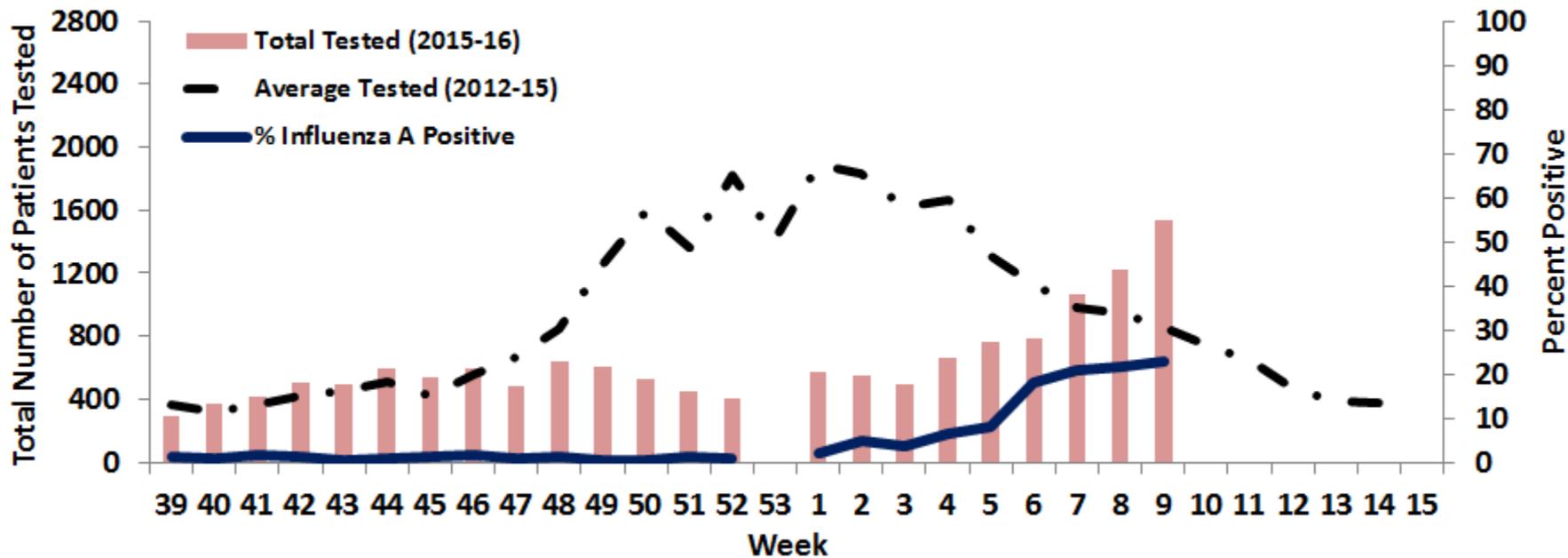
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RSV	93	104	97	134	<b>1579</b>
<i>Negative</i>	<i>722</i>	<i>974</i>	<i>1069</i>	<i>1276</i>	<b>14830</b>
<b>Total Results</b>	<b>1012</b>	<b>1374</b>	<b>1516</b>	<b>1899</b>	<b>18469</b>

Army Influenza Cases Reported in DRSi by Week of Symptom Onset

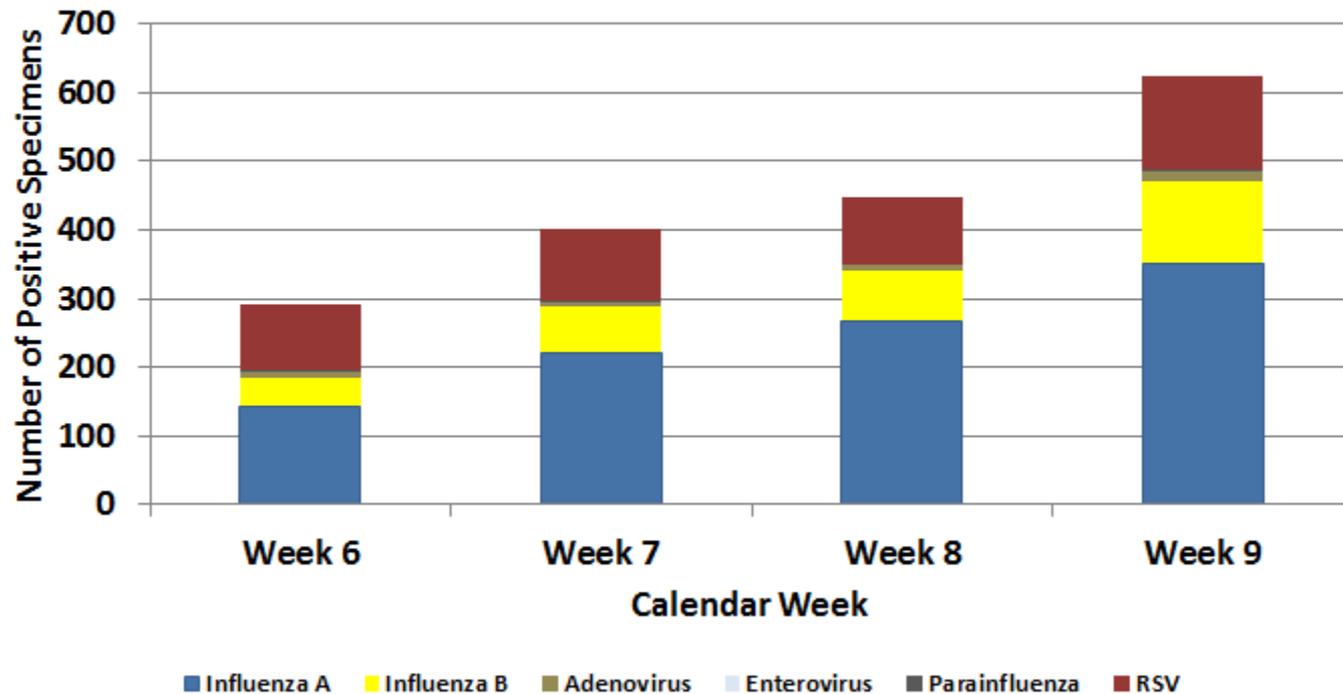


**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
 Data as of 10 March 2016.

### 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 2		Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9	
	AD	Non-AD														
RHC-A	3	3	2	3	1	8	5	12	6	17	5	41	14	83	24	124
RHC-C	6	6	2	2	5	10	4	11	17	53	14	94	21	92	18	120
RHC-E	1	1	2	0	2	4	1	5	4	4	1	4	5	12	7	6
RHC-P	1	6	0	8	3	9	5	17	8	34	10	52	9	31	14	39
CENTCOM	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0