



Click on images to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 26 March 2016 (Week 12)

## 2015-2016 Seasonal Influenza Vaccination Coverage

As of 25 February 2016

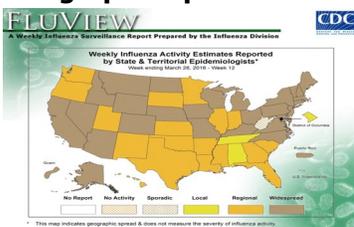
95%	DOD
97%	Army Active Duty
93%	Army Guard
84%	Army Reserve

\*Source: DHA

**SYNOPSIS:** Following a trend seen in the civilian population, influenza-like activity continues to decrease among military populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 12 decreased from week 11. ILI visits were 3% lower than the same week last year.
- **Influenza cases:** Five hospitalized influenza cases were reported to APHC (Prov) through DRSi in week 12; all non-AD beneficiaries. None of the cases were vaccinated and three had underlying conditions.
- **Viral specimens:** During week 12, 444 of 1536 (29%) laboratory specimens tested positive for respiratory pathogens. RHC-A reported 134 influenza A-positive specimens, RHC-C reported 72, RHC-P reported 49, and RHC-E reported 28. CENTCOM did not report any influenza A-positive specimens.

## Geographic Spread

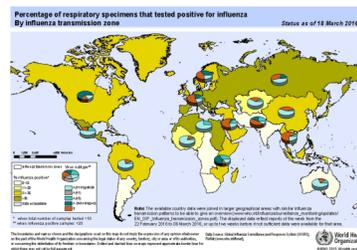


## United States

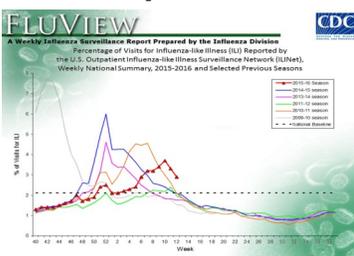
- In week 12, widespread and regional influenza activity was reported in Puerto Rico, Guam and 47 states. The District of Columbia and two states reported local influenza activity, while West Virginia reported sporadic. The US Virgin Islands did not report.

## World Health Organization

- In northern and southwest Europe, influenza detections continued to remain high with increasing activity of influenza B virus. In Eastern Europe, influenza activity and SARI activity seemed to have peaked.

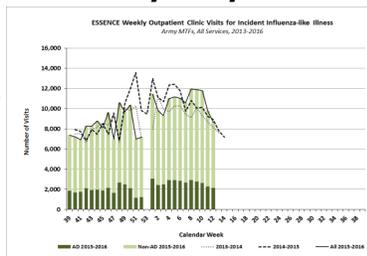


## ILI Activity United States



- Nationwide, during week 12, 2.9% 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 1.7% to 4.5% across all reporting regions.

## ILI Activity Army



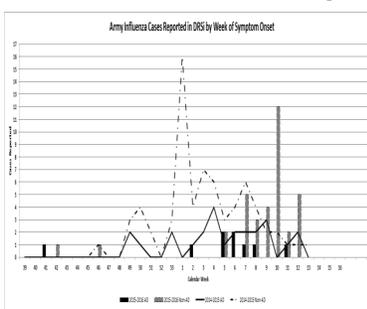
- During week 12, incident ILI activity was 3% lower than the same time last year and 6% higher than week 12 in 2013-2014.
- AD SMs accounted for 25% of incident ILI clinic visits during week 12. In 2014-2015, AD SMs comprised 24% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Test Result	Week 9	Week 10	Week 11	Week 12	Season Total
Influenza A	352	426	323	283	2247
Influenza B	118	115	113	115	756
Adenovirus	14	13	20	11	249
Enterovirus	0	0	0	0	21
Parainfluenza	5	3	6	6	221
RSV	131	84	68	29	1757
Negative	1191	1432	1145	1092	18355
<b>Total Results</b>	<b>1811</b>	<b>2073</b>	<b>1675</b>	<b>1536</b>	<b>23606</b>

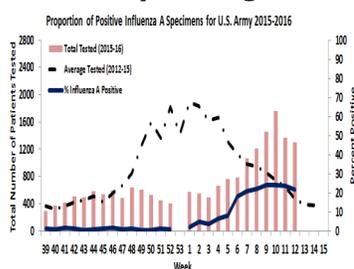
- In week 12, 29% (444) of specimens tested positive.
- Influenza A accounted for 64% of positive specimens.
- Influenza B accounted for 26% of positive specimens.
- RSV accounted for 7% of positive specimens while adenovirus accounted for 2%, and parainfluenza for 1%.

## DRSi Influenza Case Reporting



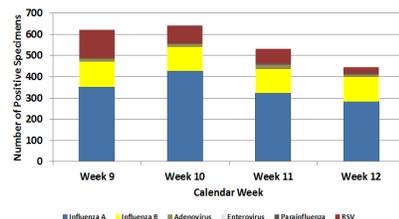
- In week 12, five cases of influenza-associated hospitalizations were reported in DRSi; all non-AD beneficiaries. All of the cases were unvaccinated and three had underlying conditions.
- A total of 44 hospitalized cases have been reported to date this season, compared to 91 last season.

## Laboratory Testing for Influenza A



- In week 12, 283 of 1297 (21.8%) specimens tested positive for influenza A. This was a decrease from week 11 (23.6%). 273 (81%) of the positive influenza A specimens were in non-AD personnel.
- RHC-A reported 134 (47%) of the total influenza A-positive specimens. RHC-C reported 72 (25%) positive specimens, RHC-P reported 49 (17%), and RHC-E reported 28 (10%). CENTCOM did not report any influenza A-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

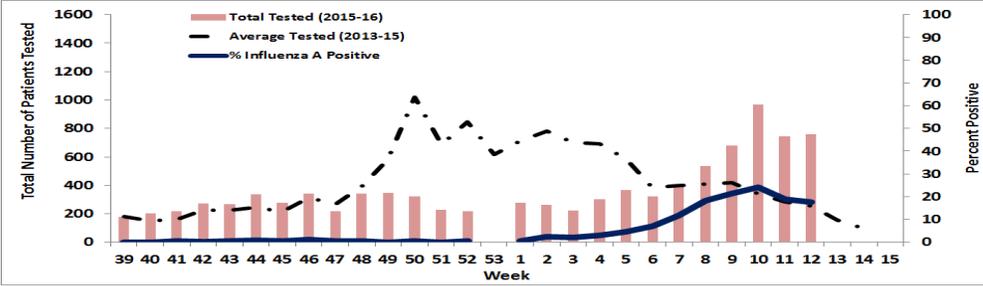
**Questions?**  
 Email [APHC-DEP](mailto:APHC-DEP)  
 410-417-3774



# U.S. Army Influenza Activity Report

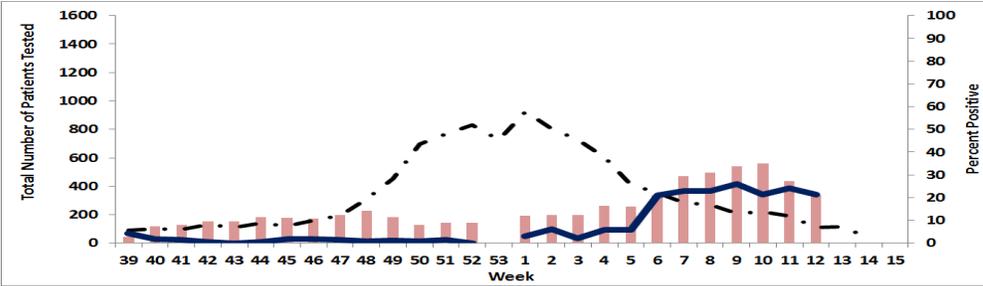
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2013-2015

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



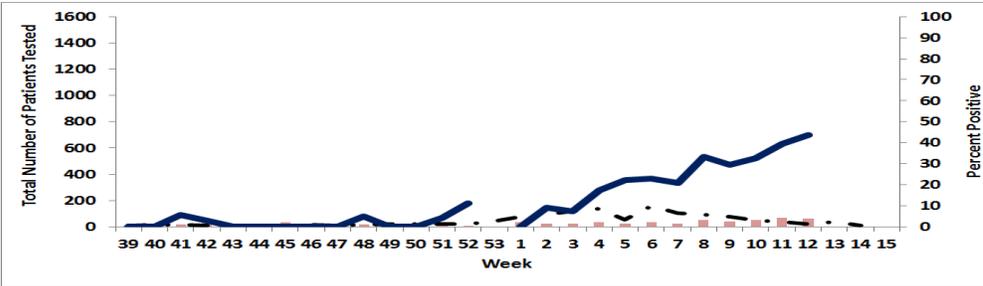
Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	78	468
18-29	5	11	100
30-39	8	7	108
40-49	5	6	95
50-59	1	8	62
60+	0	5	44
<b>Total</b>	<b>19</b>	<b>115</b>	<b>877</b>

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



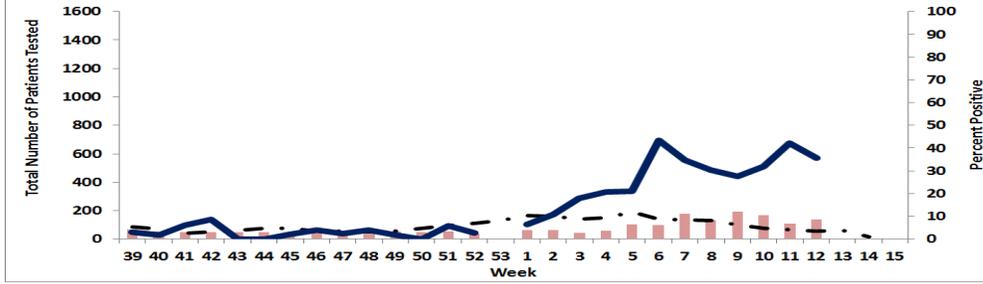
Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	38	407
18-29	3	7	115
30-39	4	2	110
40-49	0	3	70
50-59	2	5	56
60+	0	8	47
<b>Total</b>	<b>9</b>	<b>63</b>	<b>805</b>

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



Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	45
18-29	10	0	29
30-39	9	1	42
40-49	2	0	16
50-59	0	1	4
60+	0	1	2
<b>Total</b>	<b>21</b>	<b>7</b>	<b>138</b>

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



Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	22	206
18-29	1	2	54
30-39	4	4	57
40-49	0	3	39
50-59	0	4	28
60+	0	9	35
<b>Total</b>	<b>5</b>	<b>44</b>	<b>419</b>

Number of Positive Influenza A Specimens by Duty Status and Region

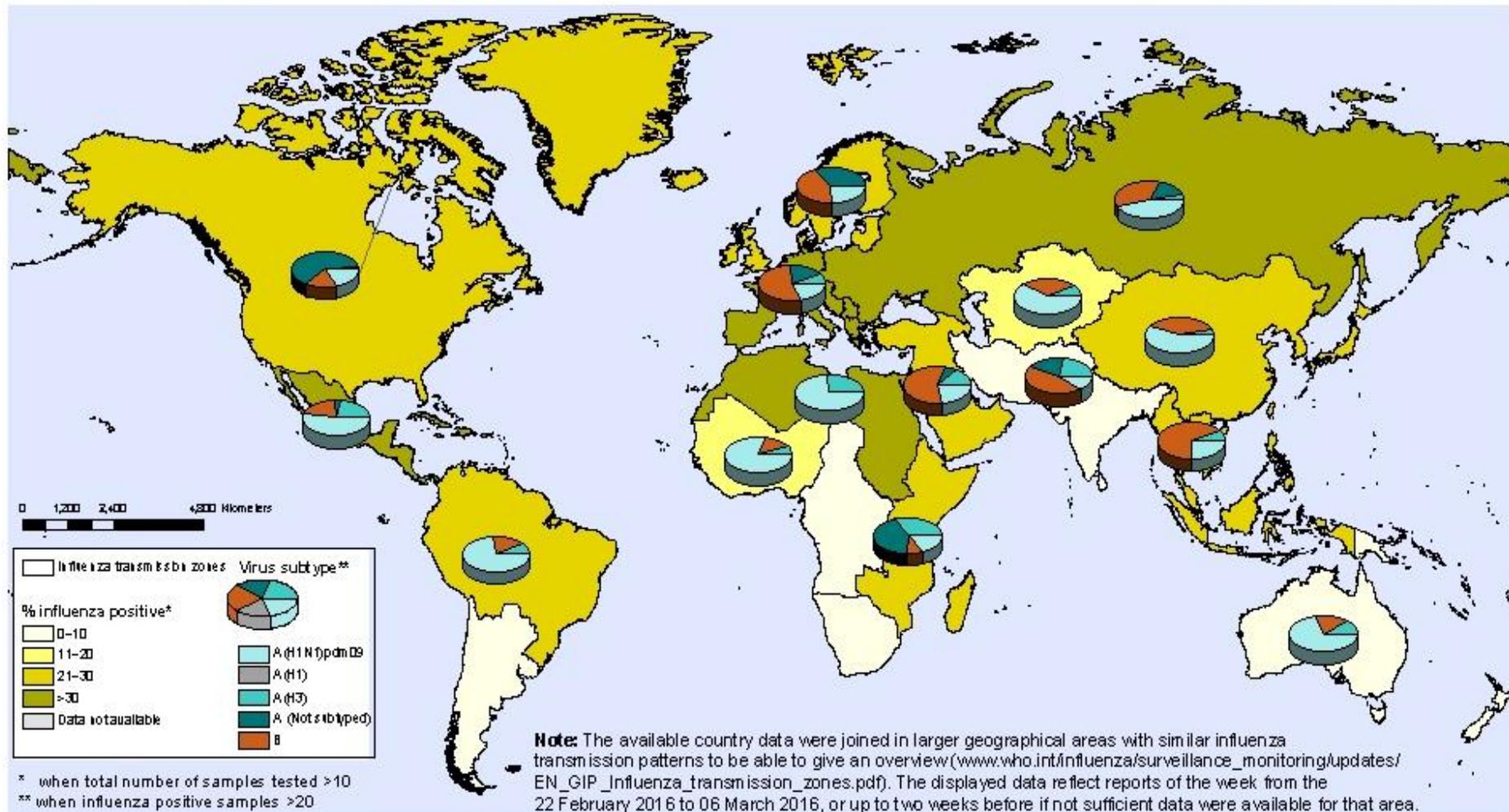
Region	Week 5		Week 6		Week 7		Week 8		Week 9		Week 10		Week 11		Week 12	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD								
RHC-A	5	12	6	17	5	41	14	83	24	121	35	199	20	120	19	115
RHC-C	4	11	17	53	14	94	21	92	18	123	23	97	14	91	9	63
RHC-E	1	5	4	4	1	4	5	12	7	6	10	8	11	17	21	7
RHC-P	5	17	8	34	10	52	9	31	14	39	10	44	5	40	5	44
CENTCOM	1	0	0	0	0	1	0	0	0	0	0	0	2	3	0	0

**Locations providing week 12 laboratory data as of 31 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.



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

Status as of 18 March 2016



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)).



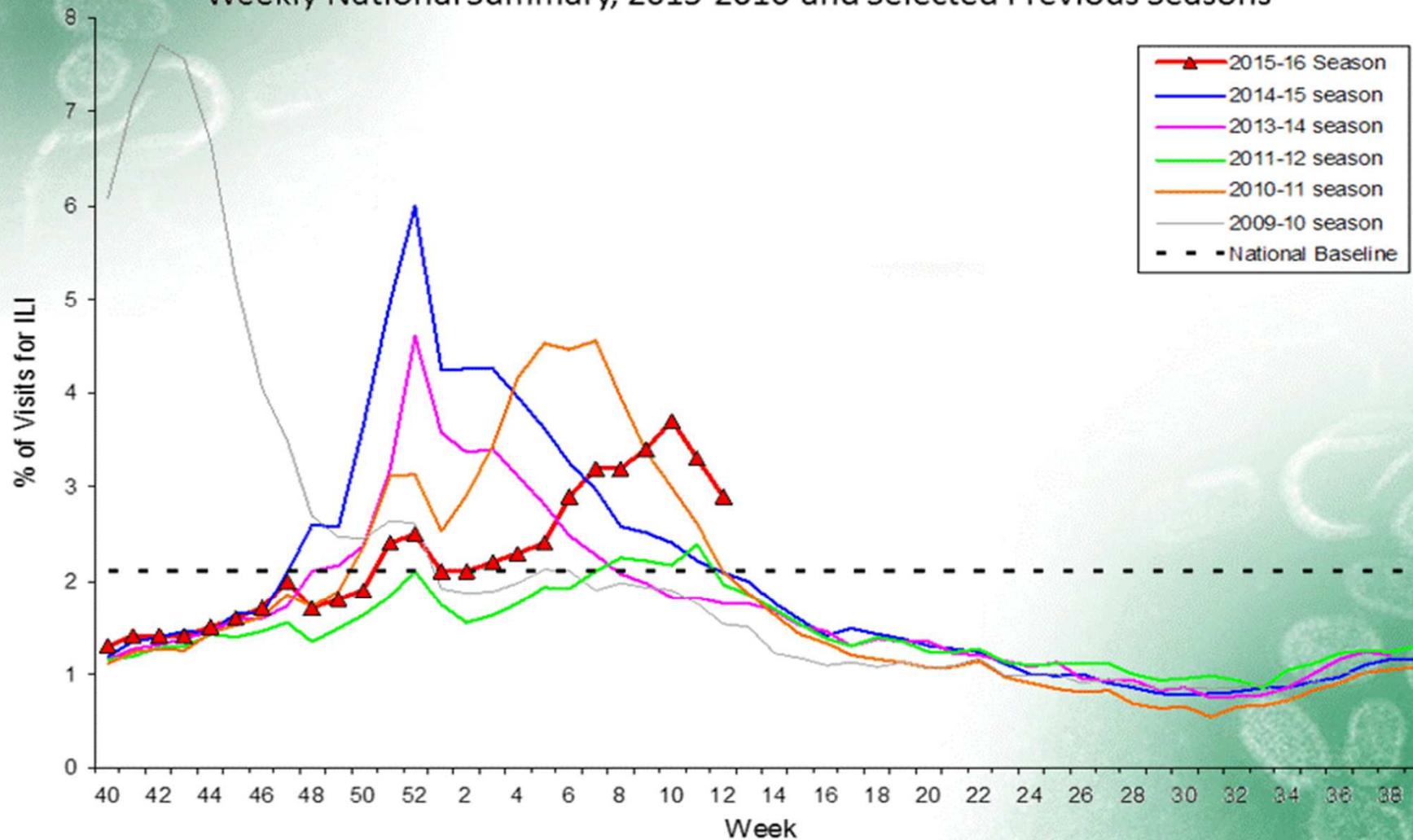
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# FLUVIEW

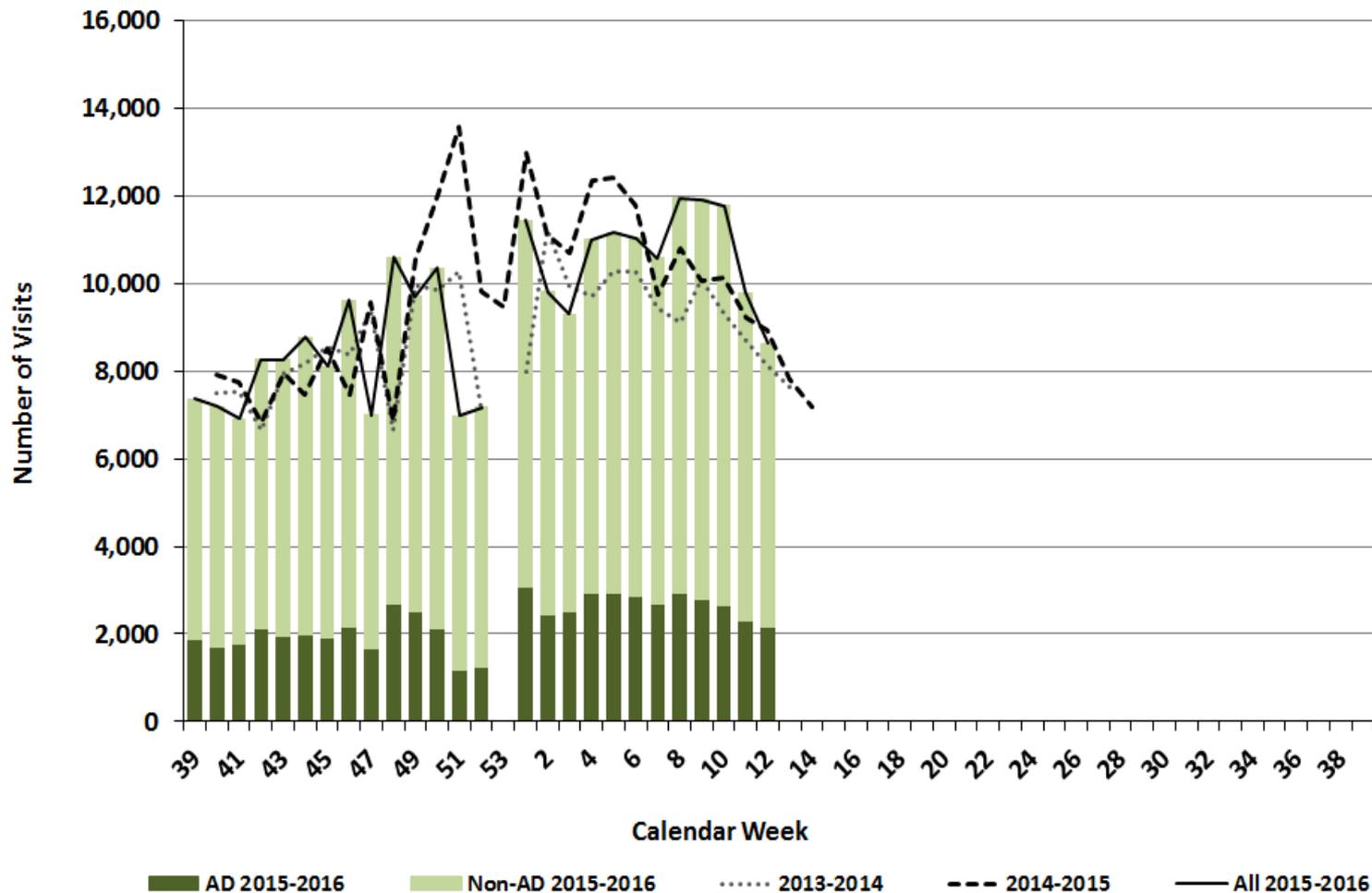


## A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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



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

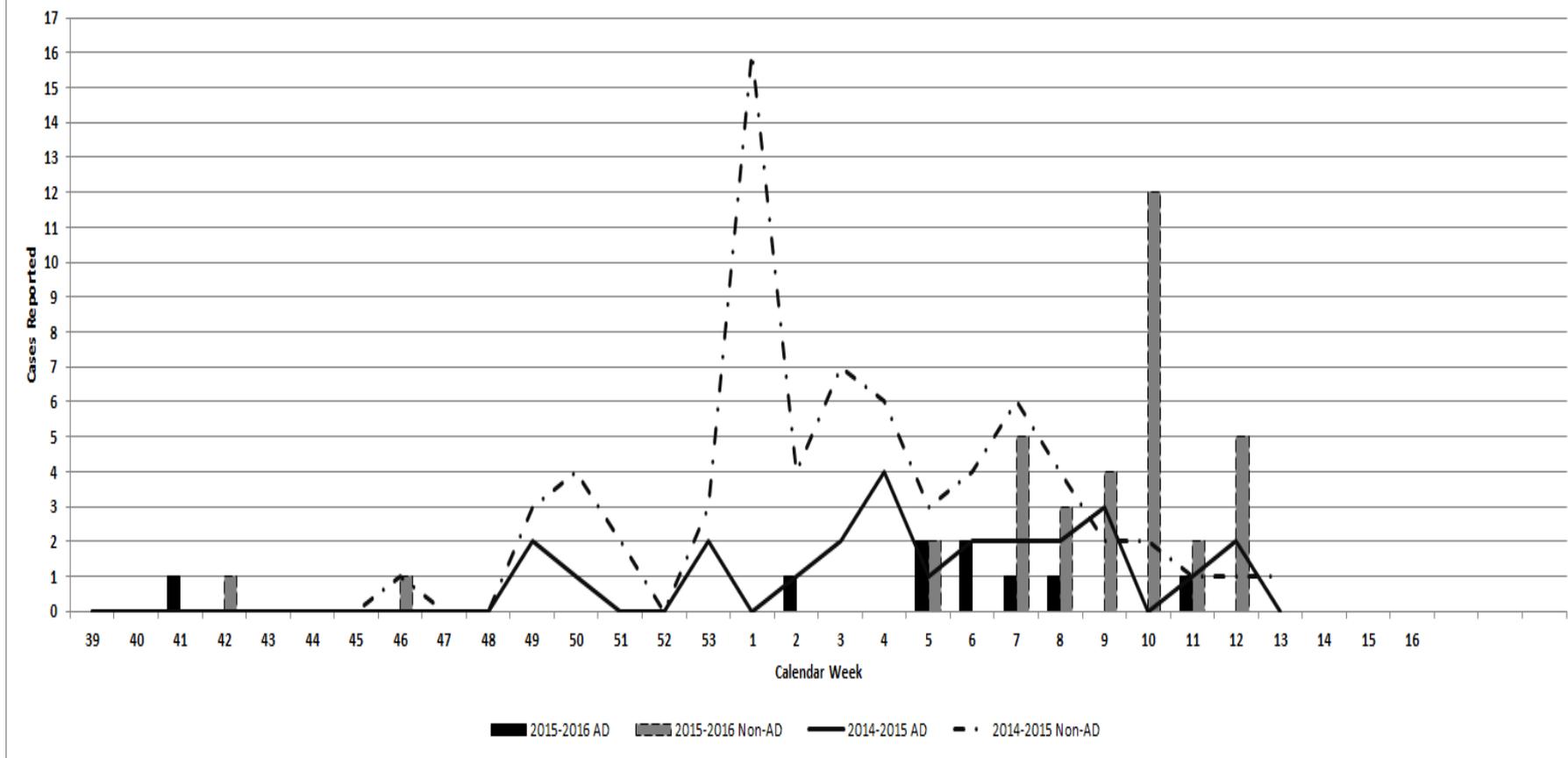


*Clinic visits for ILI are obtained from ESSENCE. Data as of 31 March 2016.*

### Army MTF Laboratory Results, 2015-16

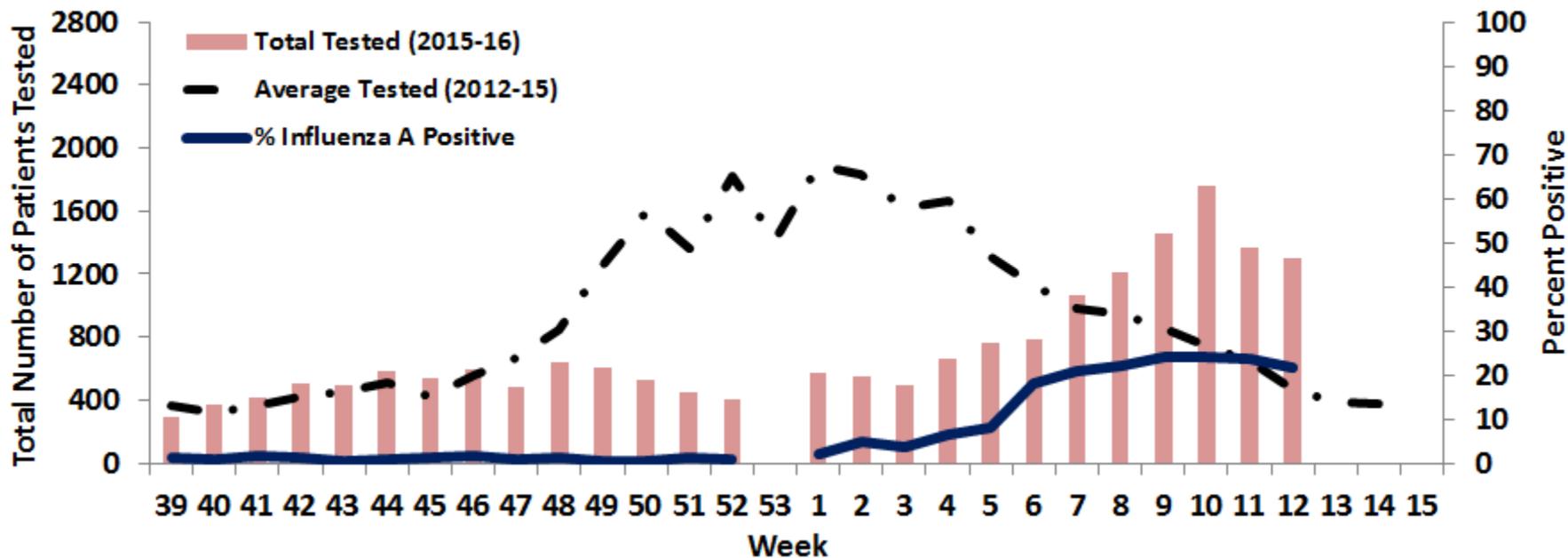
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<b>RSV</b>	131	84	68	29	<b>1757</b>
<i>Negative</i>	<i>1191</i>	<i>1432</i>	<i>1145</i>	<i>1092</i>	<b>18355</b>
<b>Total Results</b>	<b>1811</b>	<b>2073</b>	<b>1675</b>	<b>1536</b>	<b>23606</b>

Army Influenza Cases Reported in DRSi by Week of Symptom Onset

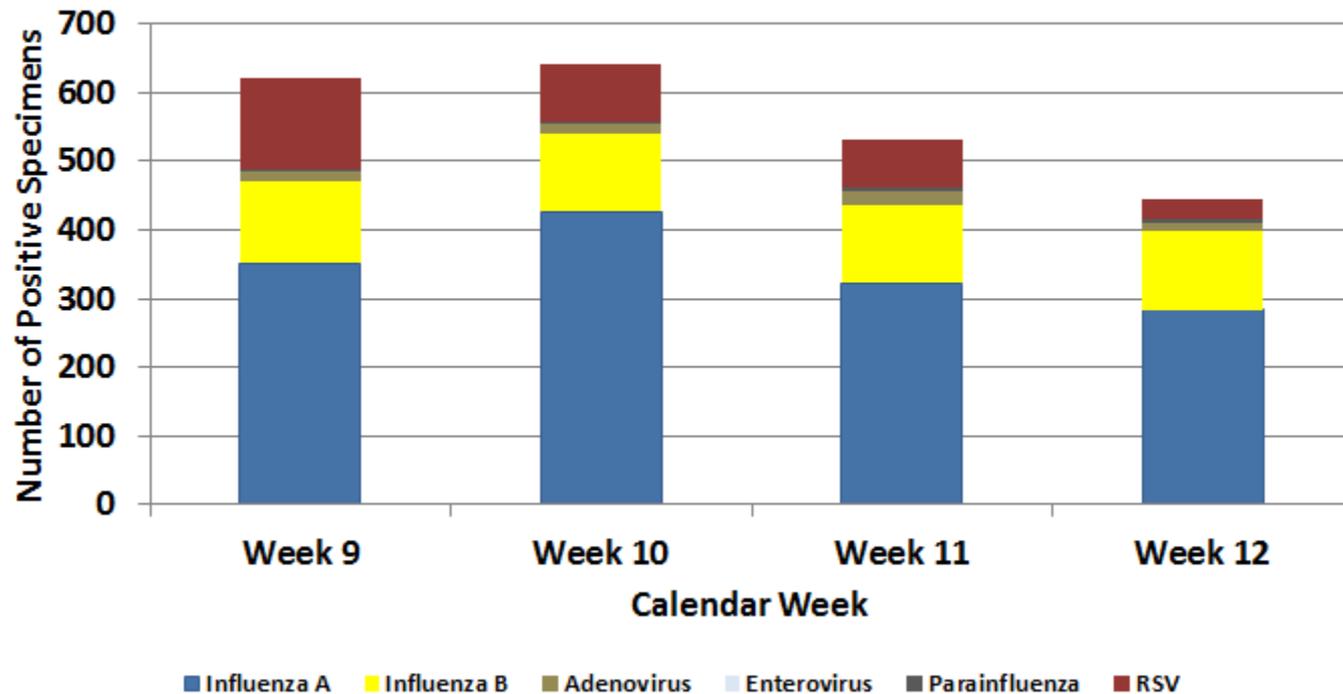


**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
 Data as of 31 March 2016.

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 5		Week 6		Week 7		Week 8		Week 9		Week 10		Week 11		Week 12	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD								
RHC-A	5	12	6	17	5	41	14	83	24	121	35	199	20	120	19	115
RHC-C	4	11	17	53	14	94	21	92	18	123	23	97	14	91	9	63
RHC-E	1	5	4	4	1	4	5	12	7	6	10	8	11	17	21	7
RHC-P	5	17	8	34	10	52	9	31	14	39	10	44	5	40	5	44
CENTCOM	1	0	0	0	0	1	0	0	0	0	0	0	2	3	0	0