

Click on images to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 11 April 2015 (Week 14)

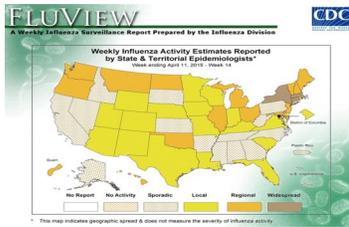
**SYNOPSIS:** Influenza activity in Army and civilian populations as well as the number of respiratory specimens tested continue decreasing.

- **ILI activity:** Army incident ILI outpatient visits in week fourteen were 8% lower than in week thirteen.
- **Influenza cases:** 4 hospitalized influenza cases were reported to USAPHC in weeks thirteen and fourteen: 2 active duty (AD) Service members (SMs) who were vaccinated and 2 non-AD beneficiaries who were not vaccinated. To date, 95 cases have been reported during this influenza season: 25 AD SM and 70 non-AD beneficiaries.
- **Viral specimens:** During week fourteen, 98 of 518 (19%) laboratory specimens tested positive for respiratory pathogens; 15 of 395 (3.8%) specimens tested for influenza A were positive. SRMC reported the most influenza A-positive specimens (40%), followed by ERMC (33%), NRMC and PRMC (both 13%), and WRMC and CENTCOM (both 0%).

**2014-2015 Seasonal Influenza Vaccination Coverage**  
As of 05 MAR 2015

95%	DOD
98%	Army Active Duty
91%	Army Guard
84%	Army Reserve

## Geographic Spread

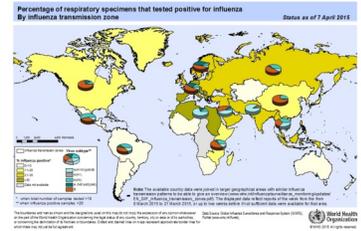


## United States

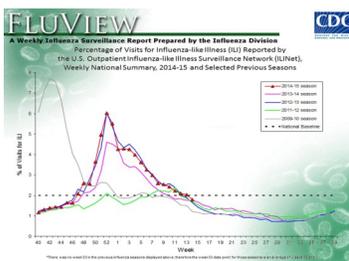
- In week fourteen, seventeen states and Guam reported widespread and regional influenza activity. Local and sporadic activity was reported by the US Virgin Islands, D.C., Puerto Rico, and thirty-three states.

## World Health Organization

- Globally, influenza activity decreased further but remained above the seasonal threshold in the northern hemisphere. While influenza A(H3N2) viruses predominated this season, the proportions of influenza B and influenza A(H1N1)pdm09 detections increased in the last few weeks.

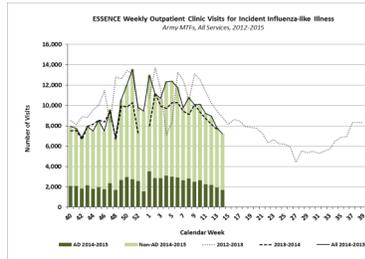


## ILI Activity United States



- Nationwide during week fourteen, 1.8% 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 0.7% to 2.9% across the regions reporting.

## ILI Activity Army



- During week 14, 7187 outpatient clinic visits for incident ILI were documented, an 8% decrease from week 13 where 7796 visits were documented.
- AD SMs accounted for 24% of incident ILI clinic visits during week 14, compared to 25% during week 13.

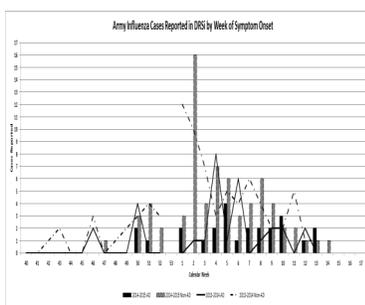
## Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2014-15

Test Result	Week 11	Week 12	Week 13	Week 14	Season Total
Influenza A	70	55	52	15	8308
Influenza B	118	99	82	42	1452
Adenovirus	27	18	15	5	319
Enterovirus	2	1	2	0	21
Parainfluenza	17	15	26	14	347
RSV	57	55	46	22	1651
Negative	859	845	564	420	26625
<b>Total Results</b>	<b>1150</b>	<b>1088</b>	<b>787</b>	<b>518</b>	<b>38723</b>

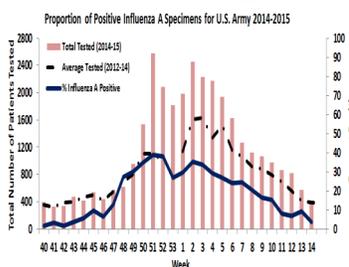
- 19% (98) of specimens tested positive during week 14.
- Influenza A accounted for 15% (15) of positive specimens.
- Influenza B accounted for 43% of positive specimens, RSV for 22%, parainfluenza for 14%, and adenovirus accounted for 5%. No specimens tested positive for enterovirus.

## DRSi Influenza Case Reporting

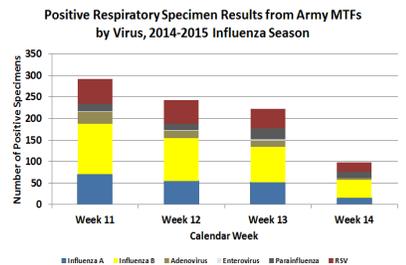


- In weeks 13 and 14, 4 influenza-associated hospitalizations were reported in DRSi: 2 vaccinated AD SMs (1 with an underlying condition) and 2 non-AD beneficiaries, none of whom were vaccinated nor had underlying conditions. A total of 95 hospitalized influenza cases have been reported to date this season.

## Laboratory Testing for Influenza A



- In week 14, 15 of 395 (3.8%) specimens tested for influenza A were positive, a large decrease from week 13 where 9% of specimens tested positive for influenza A. 11 (73%) of the positive influenza A specimens were from non-AD beneficiaries.
- SRMC reported 6 (40%) of the total influenza A positive specimens. ERMC reported 5 (33%) positive influenza A specimens, NRMC and PRMC both reported 2 (13%), and WRMC and CENTCOM both reported 0.



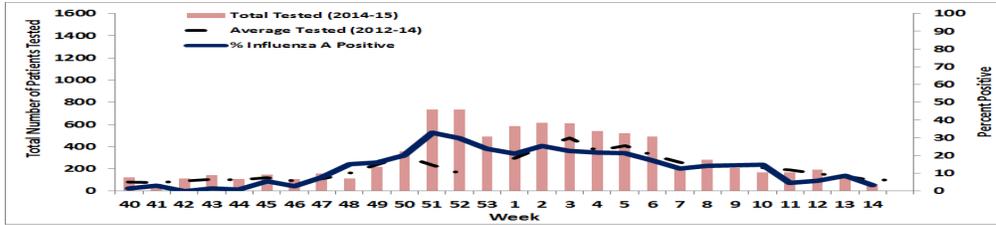
**Additional Resources:** [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)  
**Key:** AD-Active Duty; ILI-Influenza-Like Illness; DRSi- Disease 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)  
 410-417-3774

# U.S. Army Influenza Activity Report

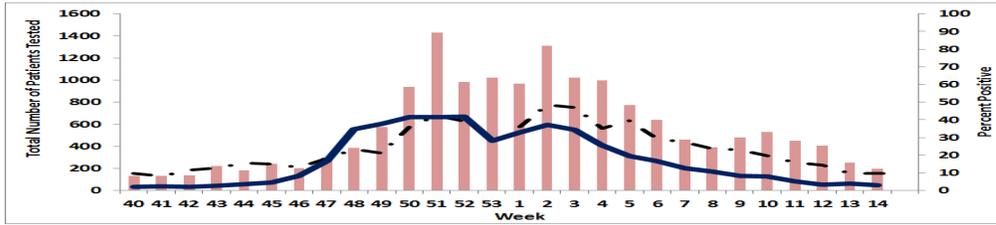
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

## Northern Regional Medical Command (NRMC)



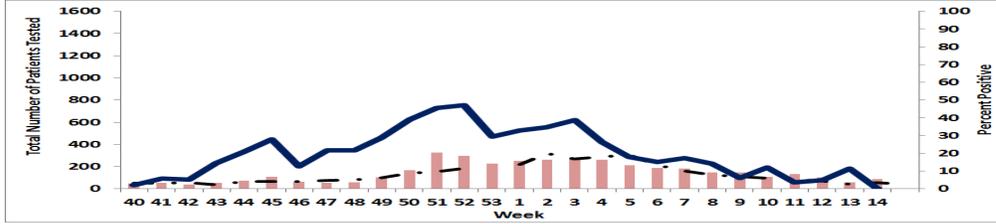
Week 14			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	838
18-29	0	0	256
30-39	0	0	168
40-49	0	2	136
50-59	0	0	87
60+	0	0	134
<b>Total</b>	<b>0</b>	<b>2</b>	<b>1619</b>

## Southern Regional Medical Command (SRMC)



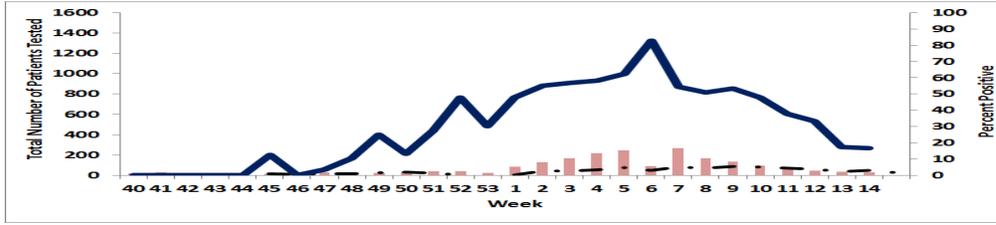
Week 14			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	2093
18-29	2	0	689
30-39	0	0	454
40-49	1	1	287
50-59	0	1	223
60+	0	1	296
<b>Total</b>	<b>3</b>	<b>3</b>	<b>4042</b>

## Western Regional Medical Command (WRMC)



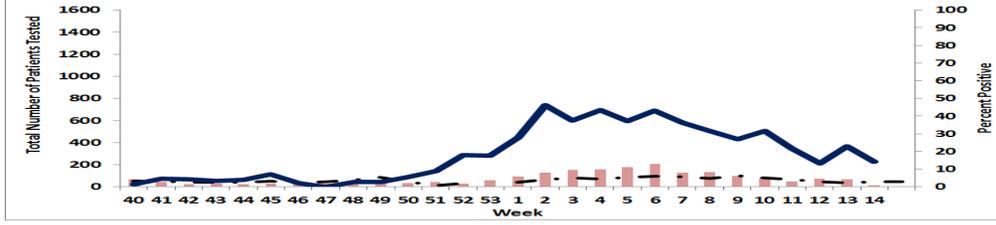
Week 14			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	663
18-29	0	0	125
30-39	0	0	97
40-49	0	0	48
50-59	0	0	40
60+	0	0	76
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1049</b>

## Europe Regional Medical Command (ERMC)



Week 14			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	383
18-29	0	0	257
30-39	0	0	233
40-49	1	0	95
50-59	0	0	31
60+	0	0	21
<b>Total</b>	<b>1</b>	<b>4</b>	<b>1020</b>

## Pacific Regional Medical Command (PRMC)



Week 14			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	264
18-29	0	0	129
30-39	0	1	81
40-49	0	0	47
50-59	0	0	19
60+	0	0	35
<b>Total</b>	<b>0</b>	<b>2</b>	<b>575</b>

Number of Positive Influenza A Specimens by Duty Status and Region

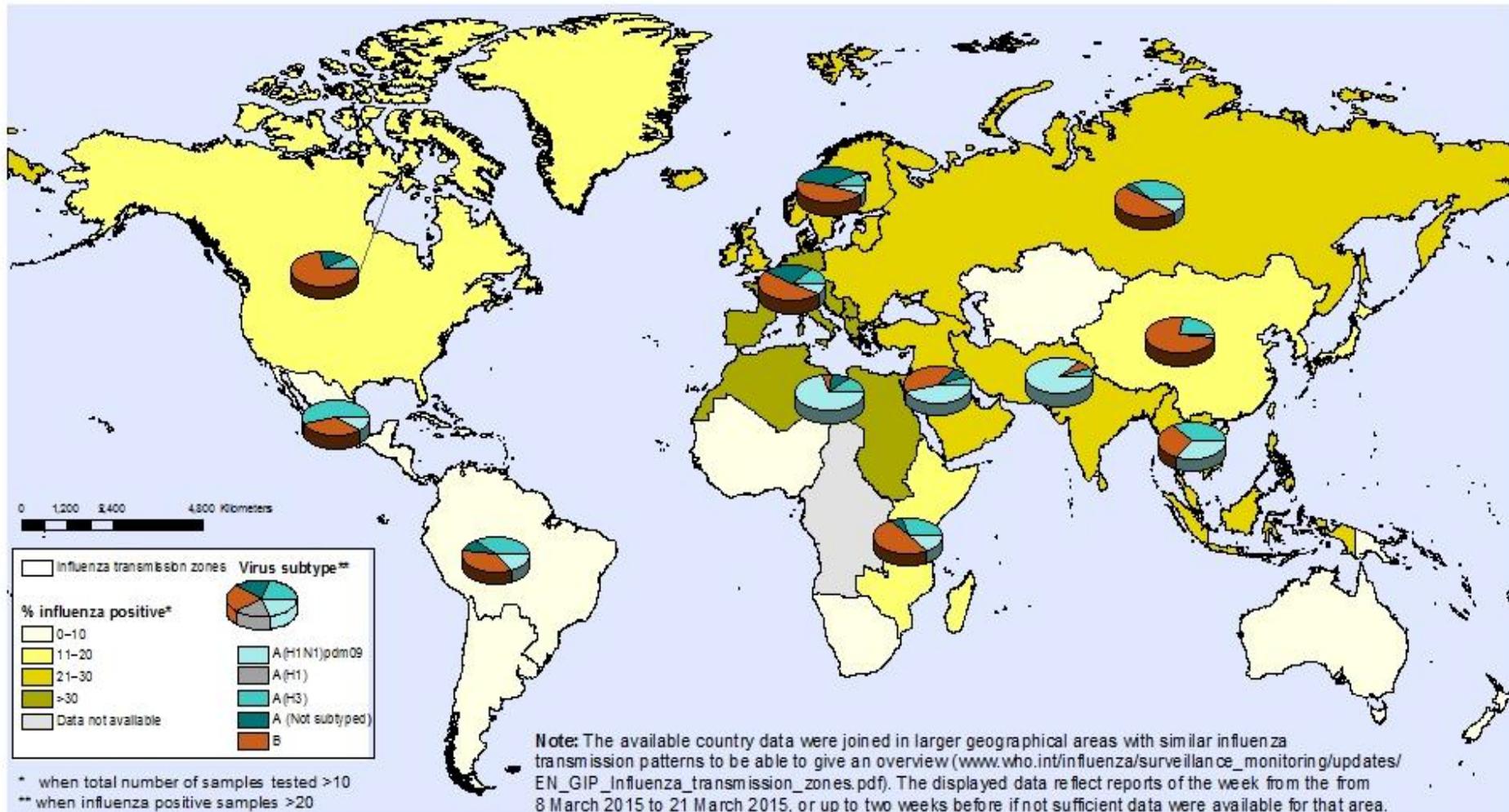
Region	Week 7		Week 8		Week 9		Week 10		Week 11		Week 12		Week 13		Week 14	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	6	22	5	35	6	24	7	18	2	6	4	7	2	11	0	2
SRMC	6	52	6	36	6	34	11	32	9	15	2	12	3	7	3	3
WRMC	4	28	1	20	0	9	3	10	0	5	0	5	2	5	0	0
ERMC	53	94	38	48	31	40	16	30	10	12	2	13	4	2	1	4
PRMC	13	33	11	31	5	21	8	16	1	10	5	5	10	6	0	2
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Locations providing week 14 laboratory data as of 11 April 2015:** Korea, Ft Belvoir (NCR), Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, West Point.



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

Status as of 7 April 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)).



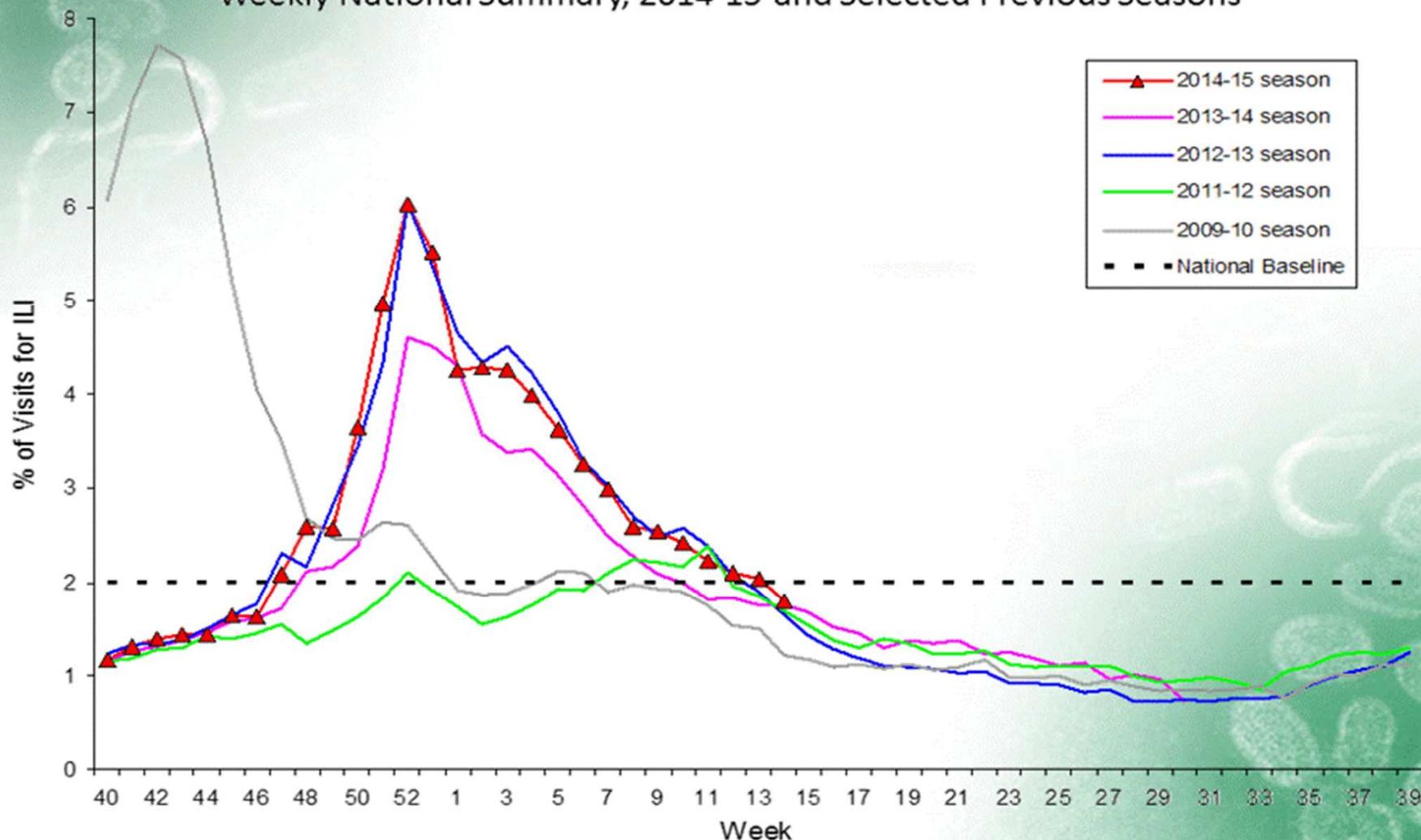
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# FLUVIEW



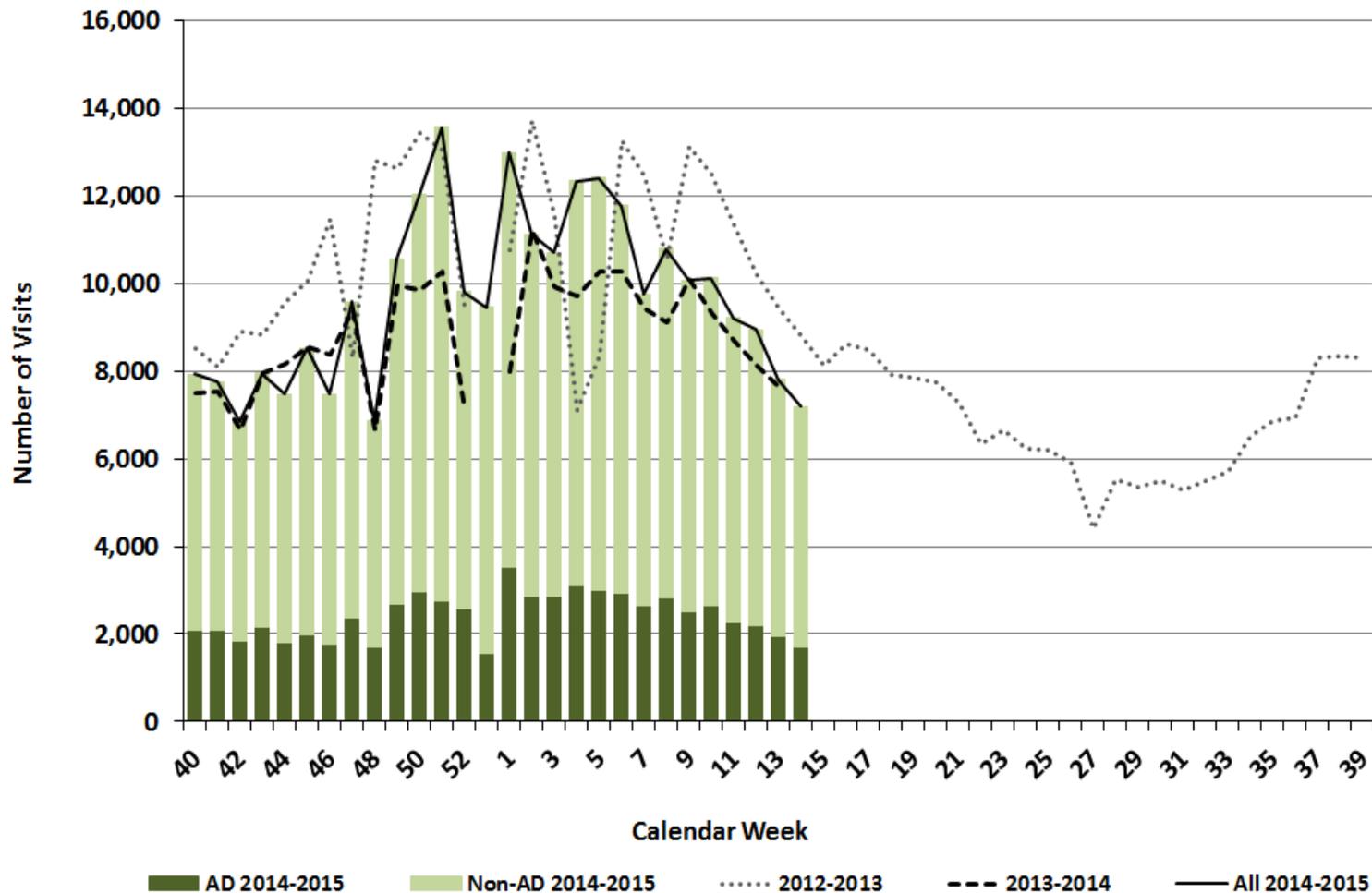
## A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2014-15 and Selected Previous Seasons



\*There was no week 53 in the previous influenza seasons displayed above; therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

**ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness**  
*Army MTFs, All Services, 2012-2015*

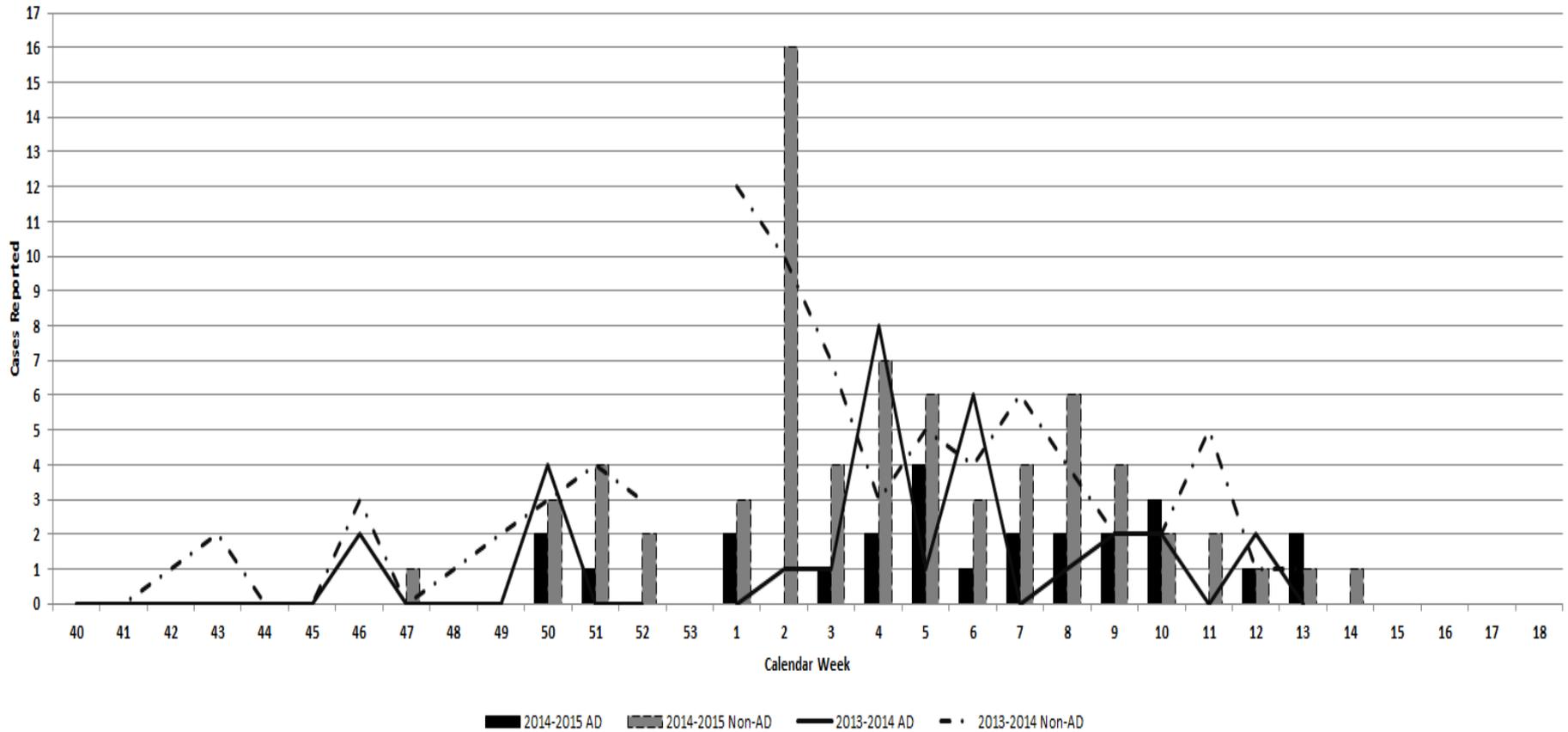


*Clinic visits for ILI are obtained from ESSENCE. Data as of 16 April 2015.*

### Army MTF Laboratory Results, 2014-15

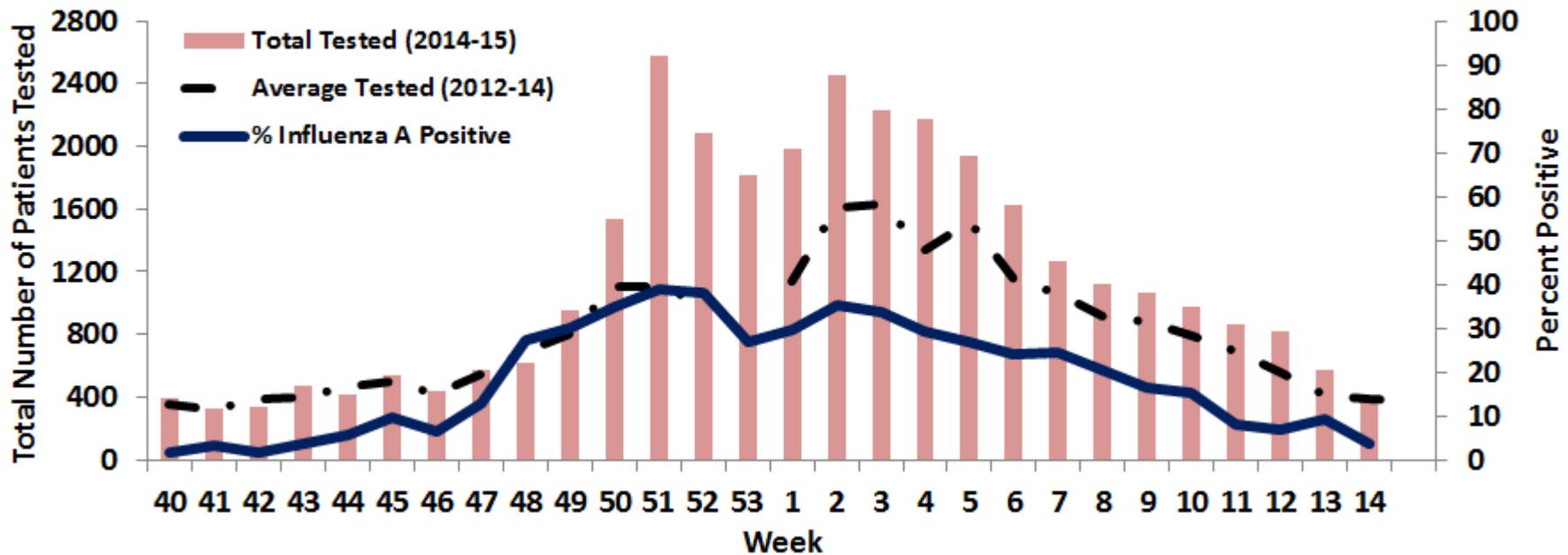
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RSV	57	55	46	22	<b>1651</b>
<i>Negative</i>	<i>859</i>	<i>845</i>	<i>564</i>	<i>420</i>	<b>26625</b>
<b>Total Results</b>	<b>1150</b>	<b>1088</b>	<b>787</b>	<b>518</b>	<b>38723</b>

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 16 April 2015.

Proportion of Positive Influenza A Specimens for U.S. Army 2014-2015



## Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 Influenza Season

