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# U.S. Army Influenza Activity Report

Week Ending 14 February 2015 (Week 06)

2014-2015 Seasonal Influenza Vaccination Coverage As of 18 FEB 2015	
95%	DOD
97%	Army Active Duty
92%	Army Guard
83%	Army Reserve

**SYNOPSIS:** The number of specimens testing positive for influenza A continued to decline in week six. All regions, except ERMC and PRMC, have shown declining trends from peaks earlier in the year.

- **Influenza-like illness (ILI) activity:** Army incident ILI outpatient visits in week six were 7% higher than for the same week last year.
- **Influenza cases:** 4 hospitalized influenza cases were reported to USAPHC in week six: 1 Active Duty (AD) service member (SM) and 3 non-AD beneficiaries. Only one had been vaccinated. To date, 61 cases have been reported during this influenza season: 13 AD SM and 48 non-AD beneficiaries.
- **Viral specimens:** During week six, 578 of 2011 (29%) laboratory specimens tested positive for respiratory pathogens; 358 of 1601 (22%) specimens tested for influenza A were positive. SRMC reported the most influenza A-positive specimens (29%), followed by PRMC (25%), ERMC (22%), NRMC (17%), WRMC (8%), and CENTCOM (0%).

## Geographic Spread

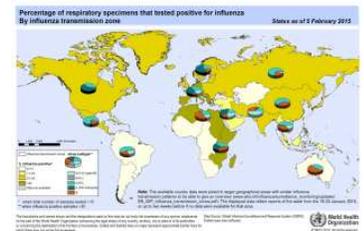


## United States

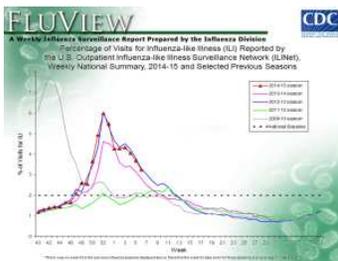
- In week six, Puerto Rico, Guam, the US Virgin Islands and forty-five states reported widespread and regional influenza activity. Local activity was reported by the District of Columbia, and five states.

## World Health Organization

- In tropical countries of the Americas, influenza activity was low in most countries of the Caribbean, Central America and in the tropical countries of South America.

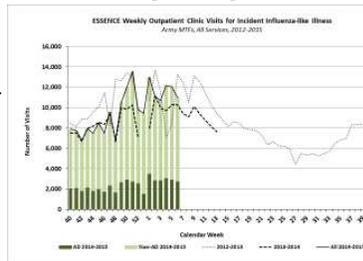


## ILI Activity United States



- Nationwide during week six, 3.2% of outpatient visits reported in ILINet were due to ILI, which is above the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 1.8% to 5.9% across the regions reporting.

## ILI Activity Army



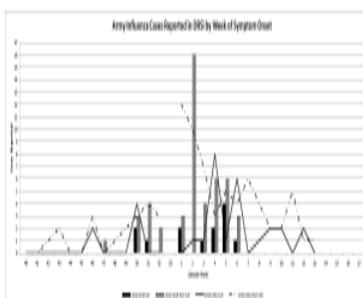
- During week six, incident ILI activity was 7% higher than the same time last year and 17% lower than week six in 2012-2013.
- AD SMs accounted for 25% of incident ILI clinic visits during week six; in 2013-2014, AD SMs comprised 27% of ILI clinic visits on average during week six.

## Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2014-15					
Test Result	Week 3	Week 4	Week 5	Week 6	Season Total
Influenza A	739	625	505	358	7100
Influenza B	74	64	69	77	528
Adenovirus	6	21	21	13	203
Enterovirus	0	0	0	0	4
Parainfluenza	16	16	22	18	226
RSV	88	100	129	112	1095
Negative	1703	1764	1648	1433	20103
<b>Total Results</b>	<b>2626</b>	<b>2590</b>	<b>2394</b>	<b>2011</b>	<b>29259</b>

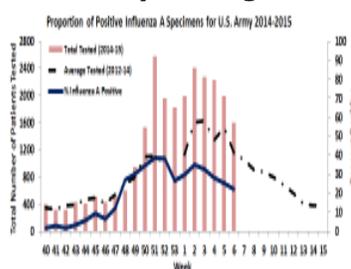
- 29% (578) of specimens tested positive during week six.
- Influenza A accounted for 62% (358) of positive specimens.
- RSV accounted for 19% of positive specimens, influenza B for 13%, parainfluenza for 3%, and adenovirus accounted for 2%. No specimens tested positive for enterovirus.

## DRSi Influenza Case Reporting

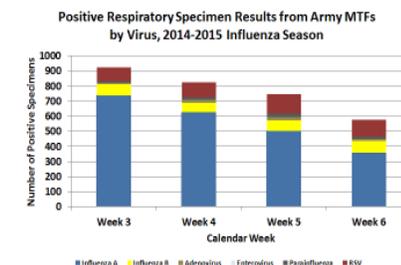


- In week six, 4 influenza-associated hospitalizations were reported in DRSi; 1 AD SM who was vaccinated but had an underlying condition and 3 non-AD beneficiaries, all of whom were unvaccinated (1 with an underlying condition).
- A total of 61 hospitalized influenza cases have been reported to date this season.

## Laboratory Testing for Influenza A



- In week six, 358 of 1601 (22%) specimens tested for influenza A were positive, a decrease from week five where 25% of specimens tested positive for influenza A. 274 (77%) of the positive influenza A specimens were from non-AD beneficiaries.
- SRMC reported 104 (29%) of the total influenza A positive specimens. PRMC reported 89 (25%) positive influenza A specimens, ERMC reported 77 (22%), NRMC reported 60 (17%), WRMC reported 28 (8%), and CENTCOM 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

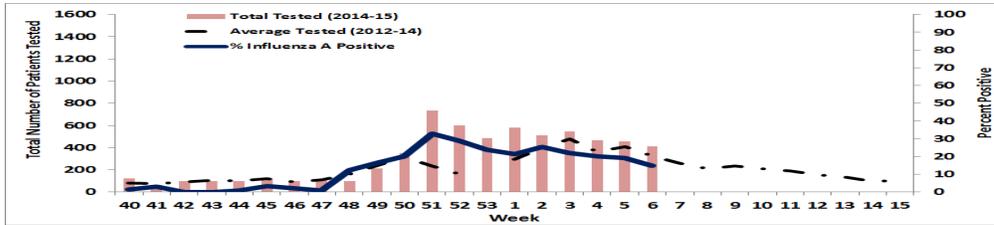
## Questions?

Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774

# U.S. Army Influenza Activity Report

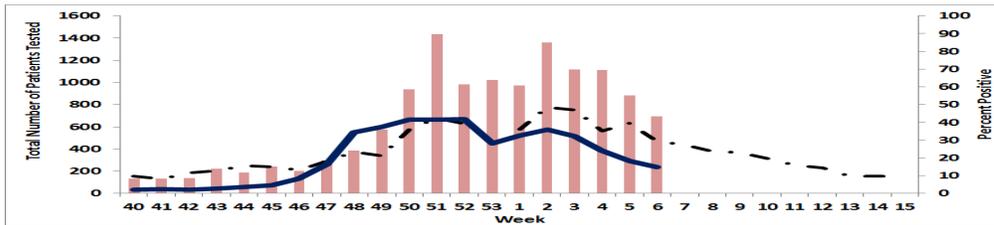
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

## Northern Regional Medical Command (NRMC)



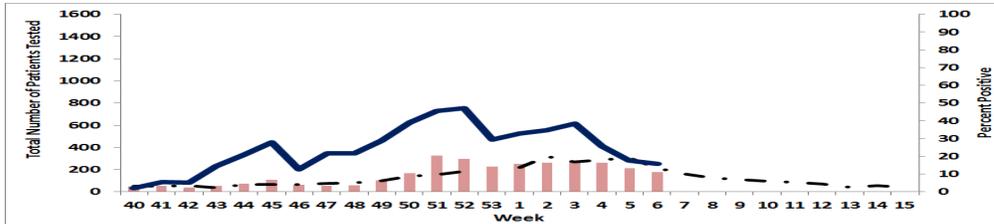
Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	20	636
18-29	11	5	215
30-39	4	5	135
40-49	4	5	110
50-59	0	5	67
60+	0	1	119
<b>Total</b>	<b>19</b>	<b>41</b>	<b>1282</b>

## Southern Regional Medical Command (SRMC)



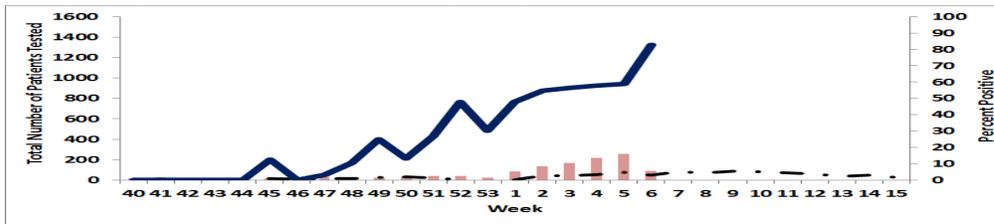
Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	58	2009
18-29	9	8	647
30-39	5	5	434
40-49	2	5	271
50-59	0	4	202
60+	0	8	275
<b>Total</b>	<b>16</b>	<b>88</b>	<b>3838</b>

## Western Regional Medical Command (WRMC)



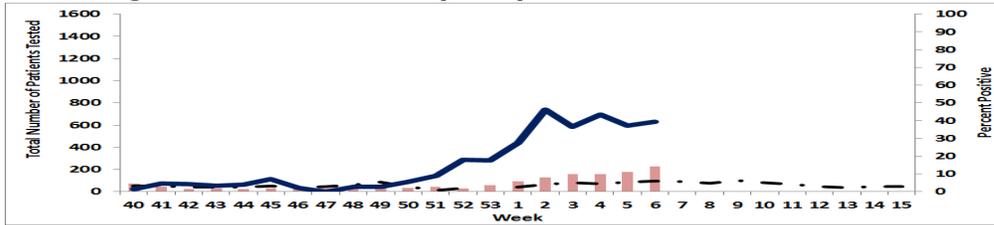
Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	19	605
18-29	1	1	116
30-39	1	2	90
40-49	2	0	42
50-59	0	1	34
60+	0	1	70
<b>Total</b>	<b>4</b>	<b>24</b>	<b>957</b>

## Europe Regional Medical Command (ERMC)



Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	28	248
18-29	7	6	143
30-39	14	12	143
40-49	4	4	59
50-59	0	1	18
60+	0	1	11
<b>Total</b>	<b>25</b>	<b>52</b>	<b>622</b>

## Pacific Regional Medical Command (PRMC)



Week 6			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	49	180
18-29	11	1	91
30-39	5	6	58
40-49	4	1	27
50-59	0	4	16
60+	0	8	26
<b>Total</b>	<b>20</b>	<b>69</b>	<b>398</b>

Number of Positive Influenza A Specimens by Duty Status and Region

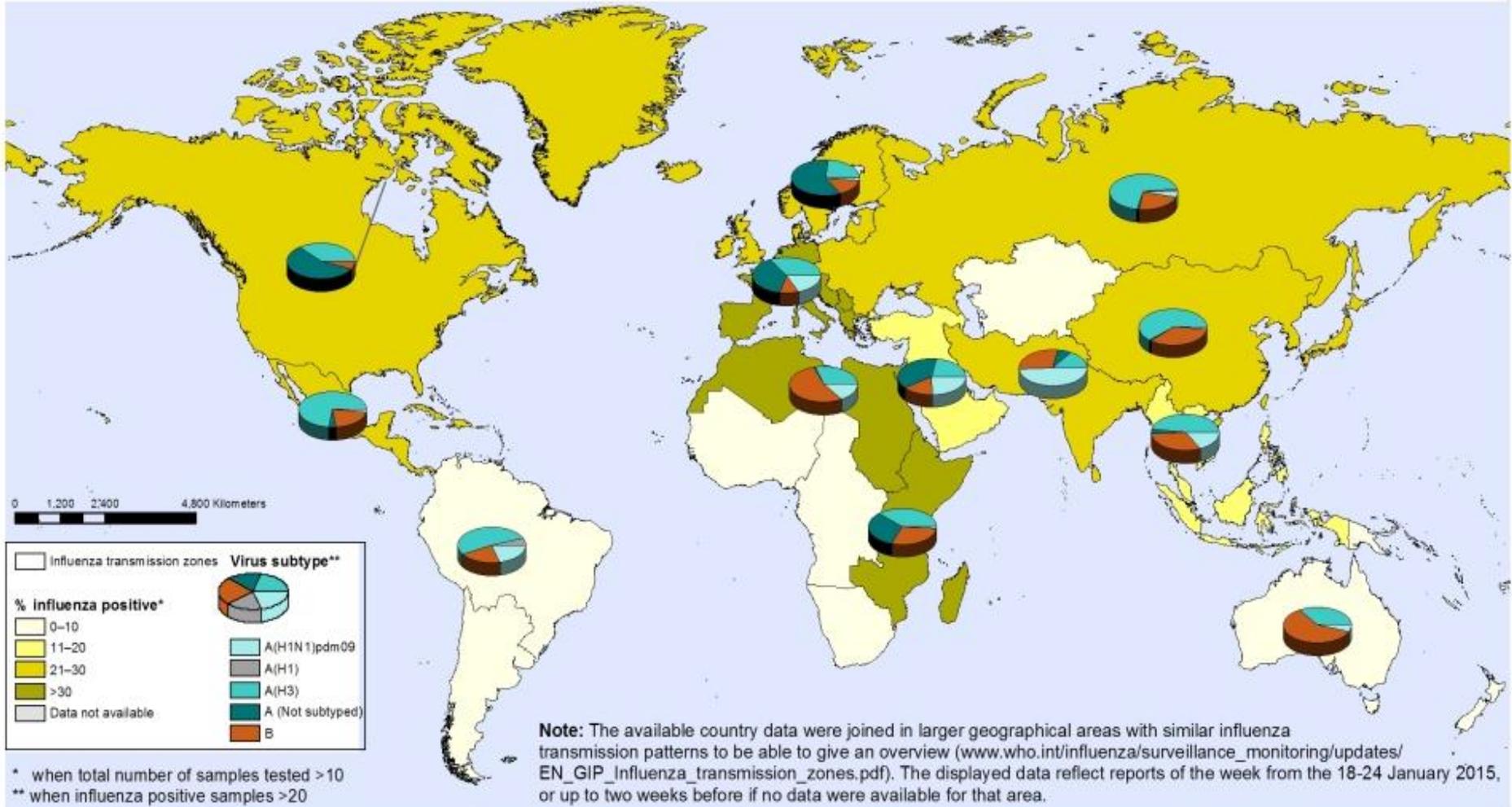
Region	Week 52		Week 53		Week 1		Week 2		Week 3		Week 4		Week 5		Week 6	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	28	145	23	93	35	89	35	96	23	97	23	71	23	65	19	41
SRMC	52	360	35	253	105	213	127	363	82	276	58	210	36	124	16	88
WRMC	14	126	4	63	18	64	16	75	13	94	16	52	5	33	4	24
ERMC	13	8	3	4	15	27	38	35	27	69	38	88	59	94	25	52
PRMC	0	5	3	7	9	17	21	38	21	37	16	52	11	55	20	69
CENTCOM	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0

**Locations providing week 6 laboratory data as of 19 February 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 Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.



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

Status as of 5 February 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)).



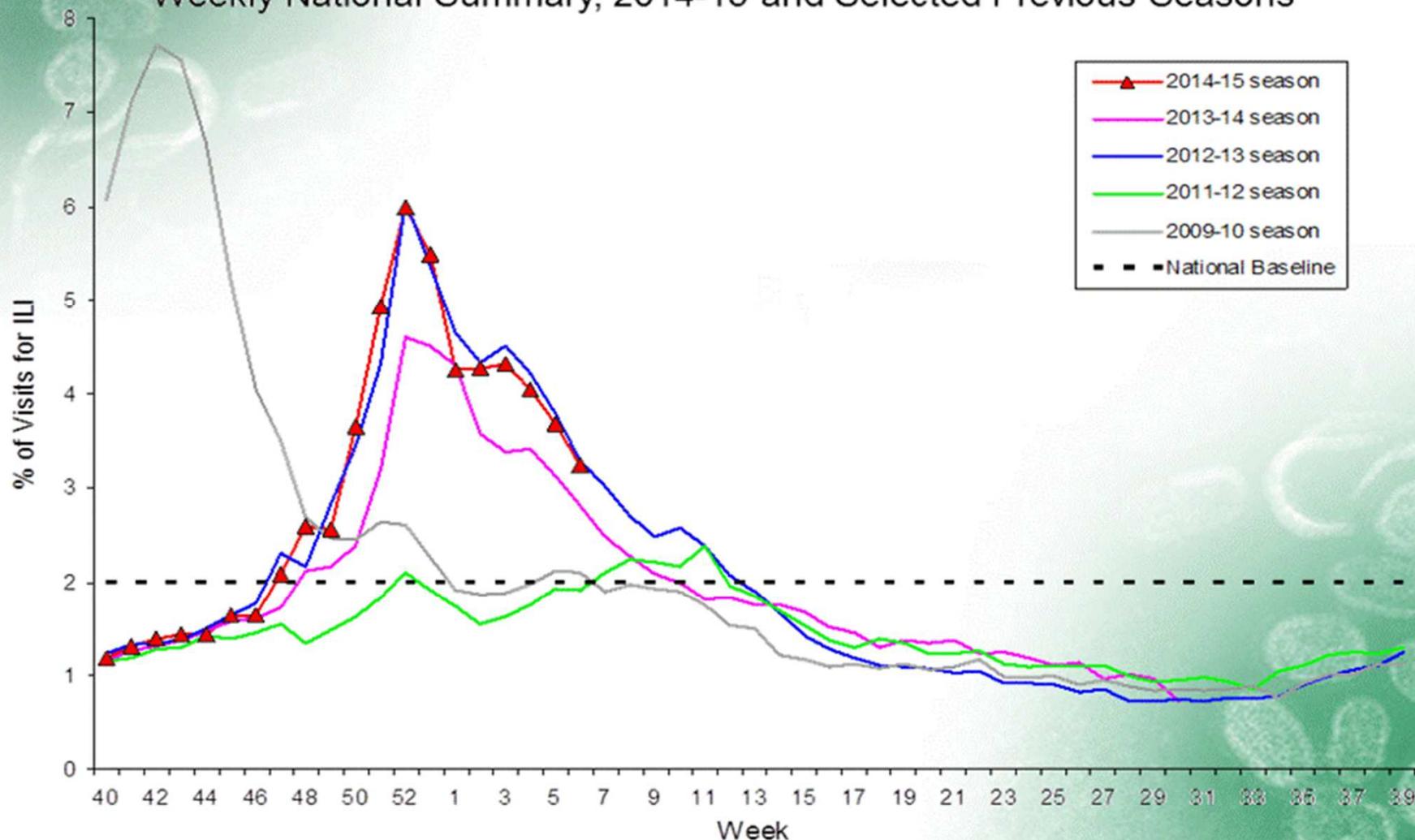
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# FLUVIEW



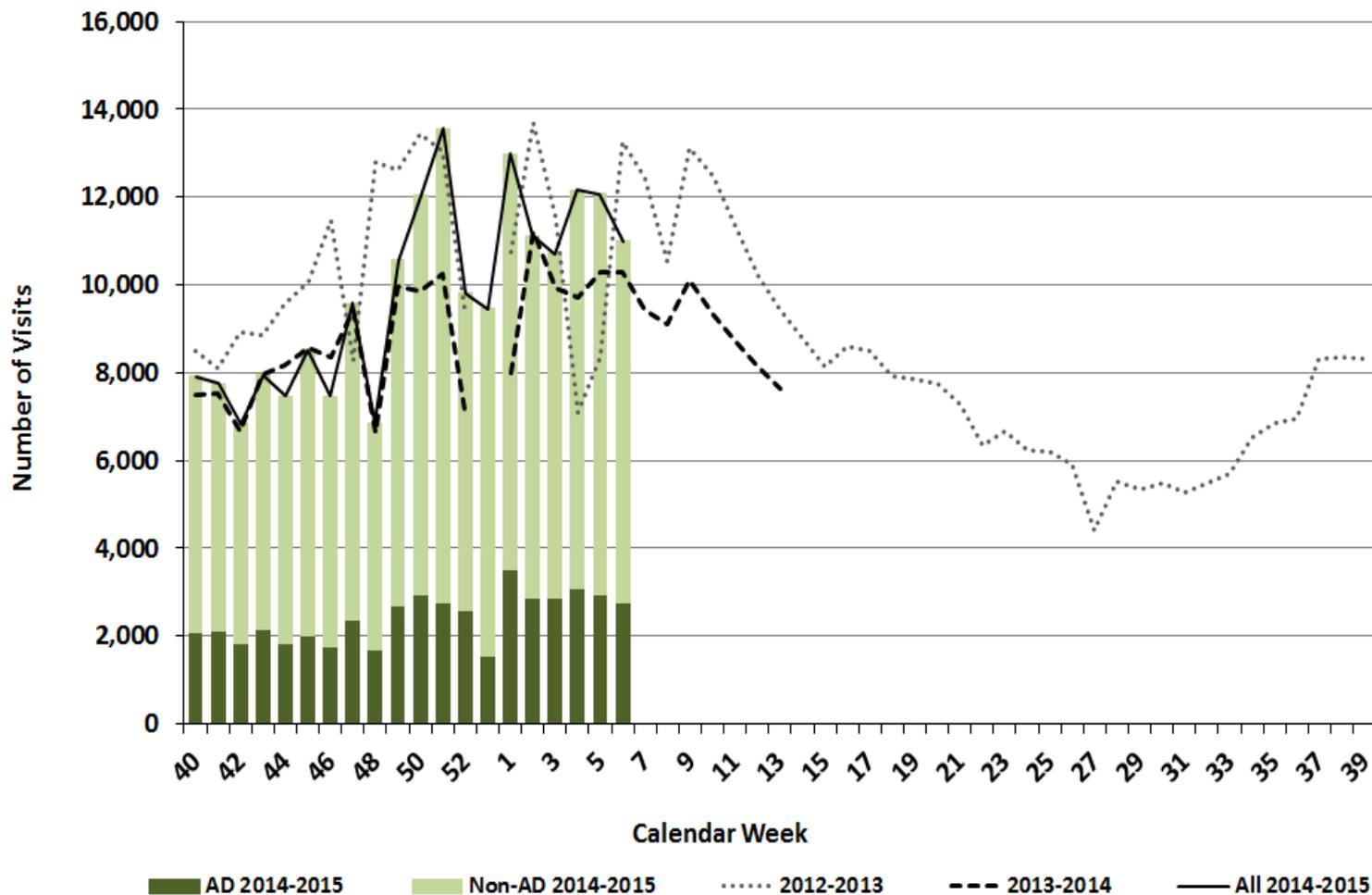
## A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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

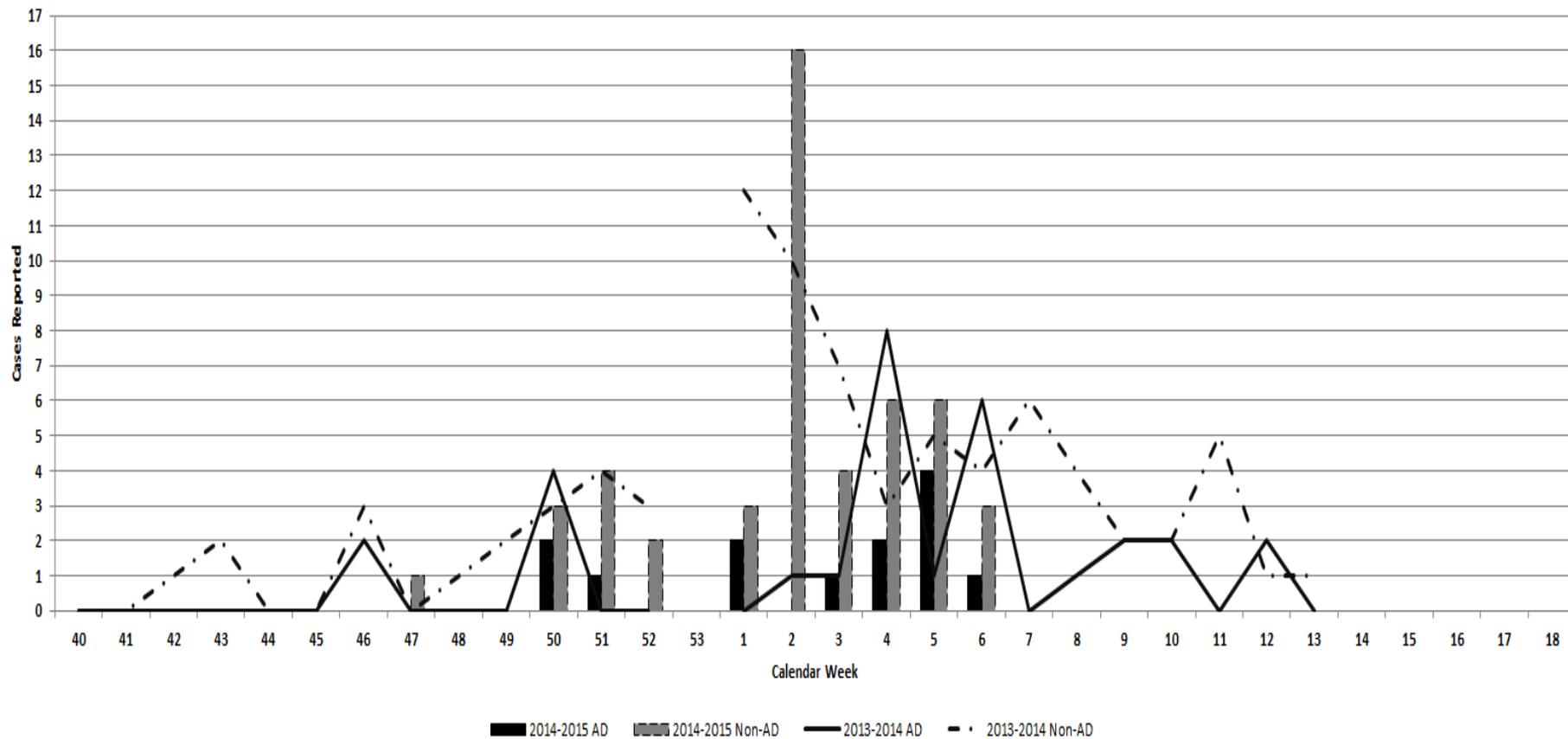


Clinic visits for ILI are obtained from ESSENCE. Data as of 19 February 2015.

### Army MTF Laboratory Results, 2014-15

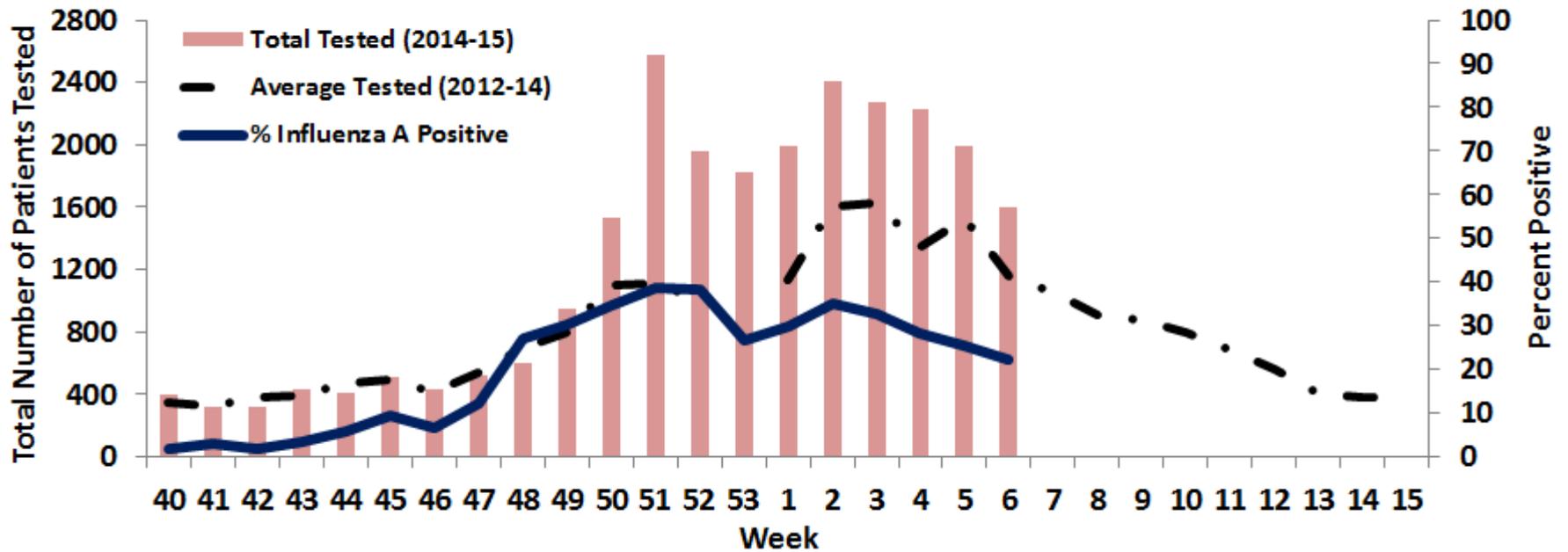
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<b>Enterovirus</b>	0	0	0	0	<b>4</b>
<b>Parainfluenza</b>	16	16	22	18	<b>226</b>
<b>RSV</b>	88	100	129	112	<b>1095</b>
<i><b>Negative</b></i>	<i>1703</i>	<i>1764</i>	<i>1648</i>	<i>1433</i>	<b>20103</b>
<b>Total Results</b>	<b>2626</b>	<b>2590</b>	<b>2394</b>	<b>2011</b>	<b>29259</b>

Army Influenza Cases Reported in DRSi by Week of Symptom Onset

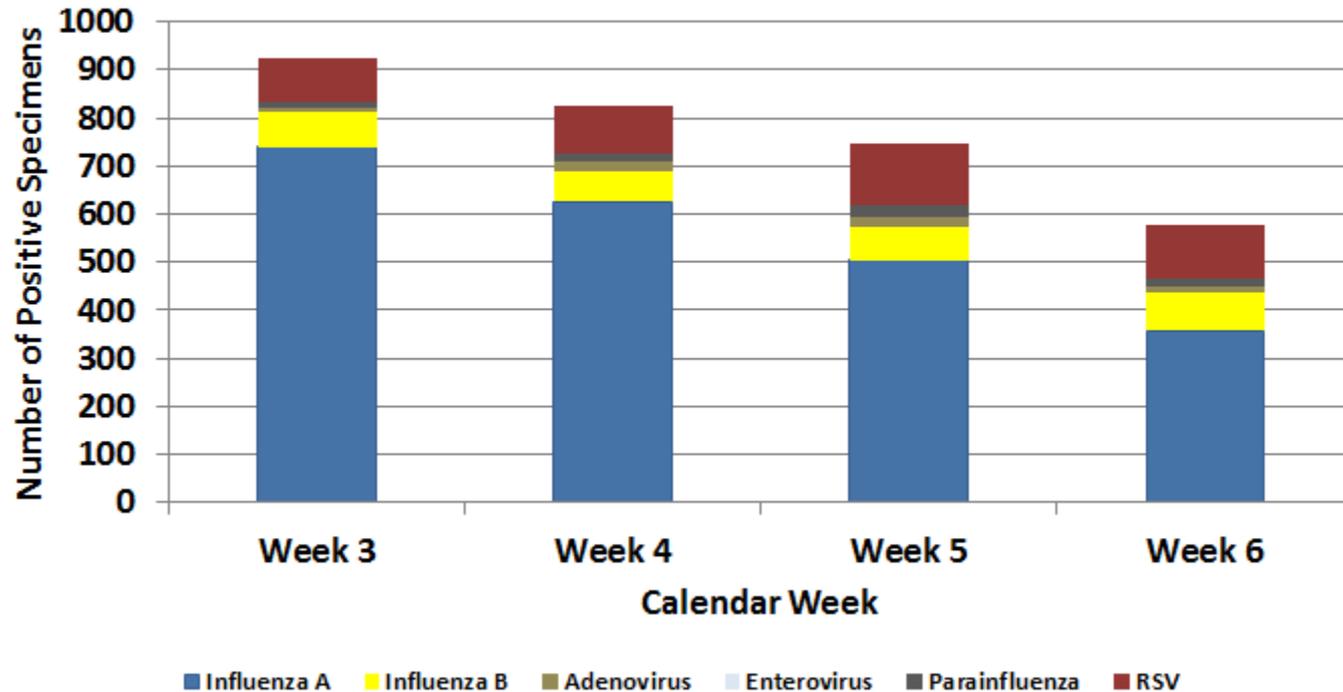


**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
 Data as of 19 February 2015.

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



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 52		Week 53		Week 1		Week 2		Week 3		Week 4		Week 5		Week 6	
	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	28	145	23	93	35	89	35	96	23	97	23	71	23	65	19	41
SRMC	52	360	35	253	105	213	127	363	82	276	58	210	36	124	16	88
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CENTCOM	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0