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# U.S. Army Influenza Activity Report

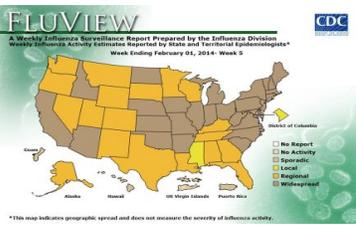
Week Ending 1 February 2014 (Week 5)

2013-2014 Seasonal Influenza Vaccination Coverage As of 22 JAN 2014	
93%	DOD
97%	Army Active Duty
90%	Army Guard
80%	Army Reserve

**SYNOPSIS:** Despite a slight increase in the number of respiratory specimens tested at Army medical treatment facilities during week five, the number of positive influenza tests decreased. Additionally, all regions except ERMC reported fewer positive influenza A cases.

- **ILI Activity:** Army incident ILI outpatient visits in week five were 6% higher than for the same week last year.
- **Influenza cases:** Five hospitalized influenza cases have been reported to USAPHC through DRSi in week five. To date, 72 cases have been reported during this influenza season: seventeen in Active Duty (AD) Service Members (SMs) and 55 in non-AD beneficiaries.
- **Viral specimens:** During week five, 479 of 1,725 (28%) laboratory specimens tested positive for respiratory pathogens. Most of the influenza A positive specimens have been from SRMC (39%), while NRMC and WRMC accounted for 23% and 21%, respectively.

## Geographic Spread

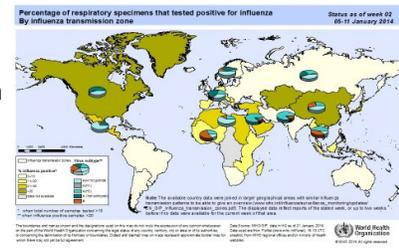


## United States

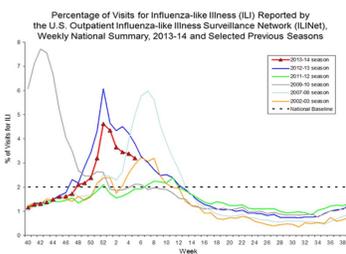
- In week five, 48 states reported widespread or regional activity, while DC and Mississippi reported only local influenza activity. Guam, Puerto Rico, and Hawaii reported sporadic influenza activity, and the US Virgin Islands reported none.

## World Health Organization

- In China influenza activity continued to increase with influenza (H1N1), A(H3N2), and influenza B co-circulating. Ten new cases of H7N9 were reported this week, although no changes in transmission.

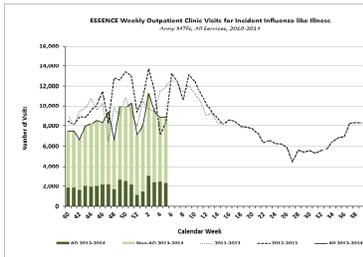


## ILI Activity United States



- In week five, 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 1.7% to 5.1% across regions.

## ILI Activity Army



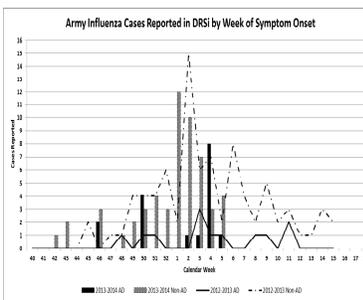
- During week five, incident ILI activity was 6% higher than the same time last year and 25% lower than the 2011-2012 season.
- AD SMs accounted for 27% of incident ILI clinic visits during week five; in 2012-2013, AD SMs comprised 26% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2013-14					
Test Result	Week 2	Week 3	Week 4	Week 5	Season Total
Influenza A	409	488	373	349	3210
Influenza B	6	2	8	9	65
Adenovirus	12	10	11	18	160
Enterovirus	4	1	1	2	15
Parainfluenza	9	12	11	9	223
RSV	66	79	80	92	873
Negative	1211	1258	1169	1246	12977
<b>Total Results</b>	<b>1717</b>	<b>1850</b>	<b>1653</b>	<b>1725</b>	<b>6945</b>

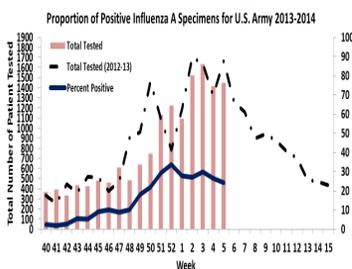
- In week five, 28% (479) of respiratory specimens were positive.
- Influenza A accounted for 73% of positive specimens.
- RSV accounted for 19% of positive specimens, while adenovirus was 4%. Parainfluenza and Influenza B each accounted for 2% of positive specimens.

## DRSi Influenza Case Reporting

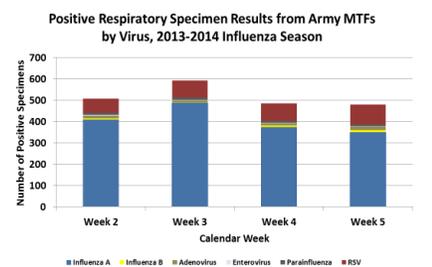


- In week five, five cases of influenza-associated hospitalizations were reported in DRSi, four of which were in non-AD beneficiaries.
- Seventy-two hospitalized influenza cases have been reported since the beginning of this influenza season.
- At the same time last influenza season, 62 hospitalized influenza cases were reported.

## Laboratory Testing for Influenza A



- In week five, 262 of the 349 (75%) positive influenza A specimens were reported in non-AD beneficiaries.
- SRMC reported 136 (39%) of the total influenza cases. NRMC reported 81 (23%) positive influenza A specimens, and WRMC reported 73 (21%). ERMC reported 18 cases (5%) and PRMC reported 17 cases (5%).
- CENTCOM reported 24 positive influenza A specimens, 20 of which were reported in non-AD personnel. USAPHC does not receive a comprehensive report of CENTCOM personnel.



**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

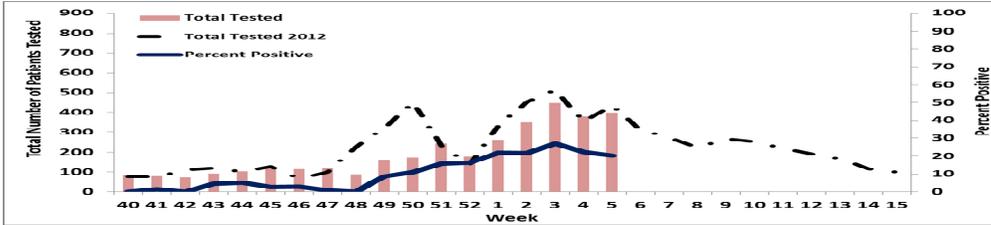
## Questions?

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

# U.S. Army Influenza Activity Report

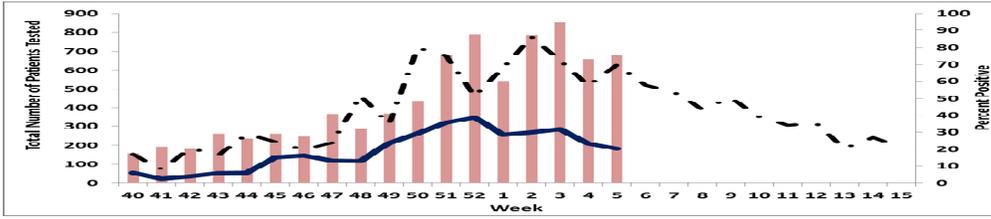
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-2014 as Compared to 2012-2013

## Northern Regional Medical Command (NRMC)



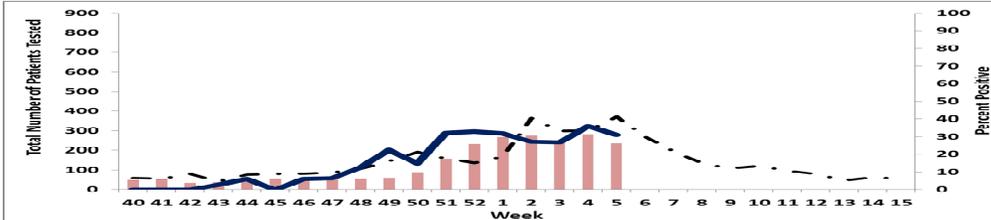
Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	41	248
18-29	7	6	100
30-39	7	6	83
40-49	6	1	47
50-59	0	5	32
60+	0	2	27
<b>Total</b>	<b>20</b>	<b>61</b>	<b>537</b>

## Southern Regional Medical Command (SRMC)



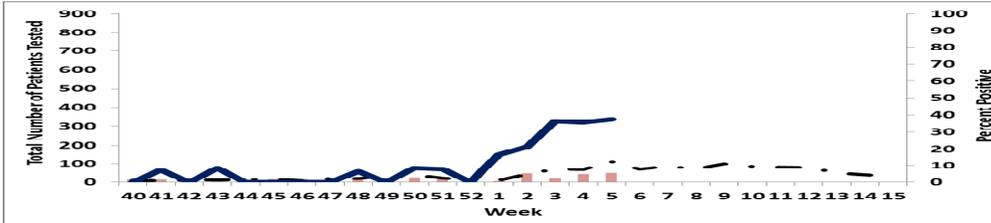
Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	56	833
18-29	11	13	341
30-39	10	7	253
40-49	9	11	187
50-59	0	9	178
60+	0	10	137
<b>Total</b>	<b>30</b>	<b>106</b>	<b>1929</b>

## Western Regional Medical Command (WRMC)



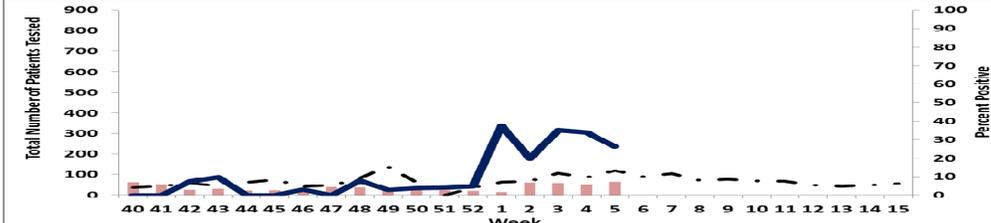
Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	37	293
18-29	2	7	106
30-39	7	6	60
40-49	3	3	55
50-59	0	4	36
60+	0	4	22
<b>Total</b>	<b>12</b>	<b>61</b>	<b>572</b>

## Europe Regional Medical Command (ERMC)



Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	17
18-29	4	1	11
30-39	4	2	15
40-49	3	0	11
50-59	0	0	5
60+	0	0	0
<b>Total</b>	<b>11</b>	<b>7</b>	<b>59</b>

## Pacific Regional Medical Command (PRMC)



Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	34
18-29	5	2	21
30-39	5	0	12
40-49	0	0	7
50-59	0	1	8
60+	0	1	5
<b>Total</b>	<b>10</b>	<b>7</b>	<b>87</b>

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 50		Week 51		Week 52		Week 1		Week 2		Week 3		Week 4		Week 5	
	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	3	16	3	35	2	27	6	51	32	44	31	90	19	66	20	61
SRMC	18	110	26	215	33	272	18	136	63	173	56	216	34	119	30	106
WRMC	2	11	3	47	8	68	8	78	7	68	14	52	15	87	12	61
ERMC	2	0	1	1	0	0	0	1	6	4	3	5	5	10	11	7
PRMC	0	1	0	1	0	1	1	5	4	8	2	19	5	13	10	7
CENTCOM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4	20

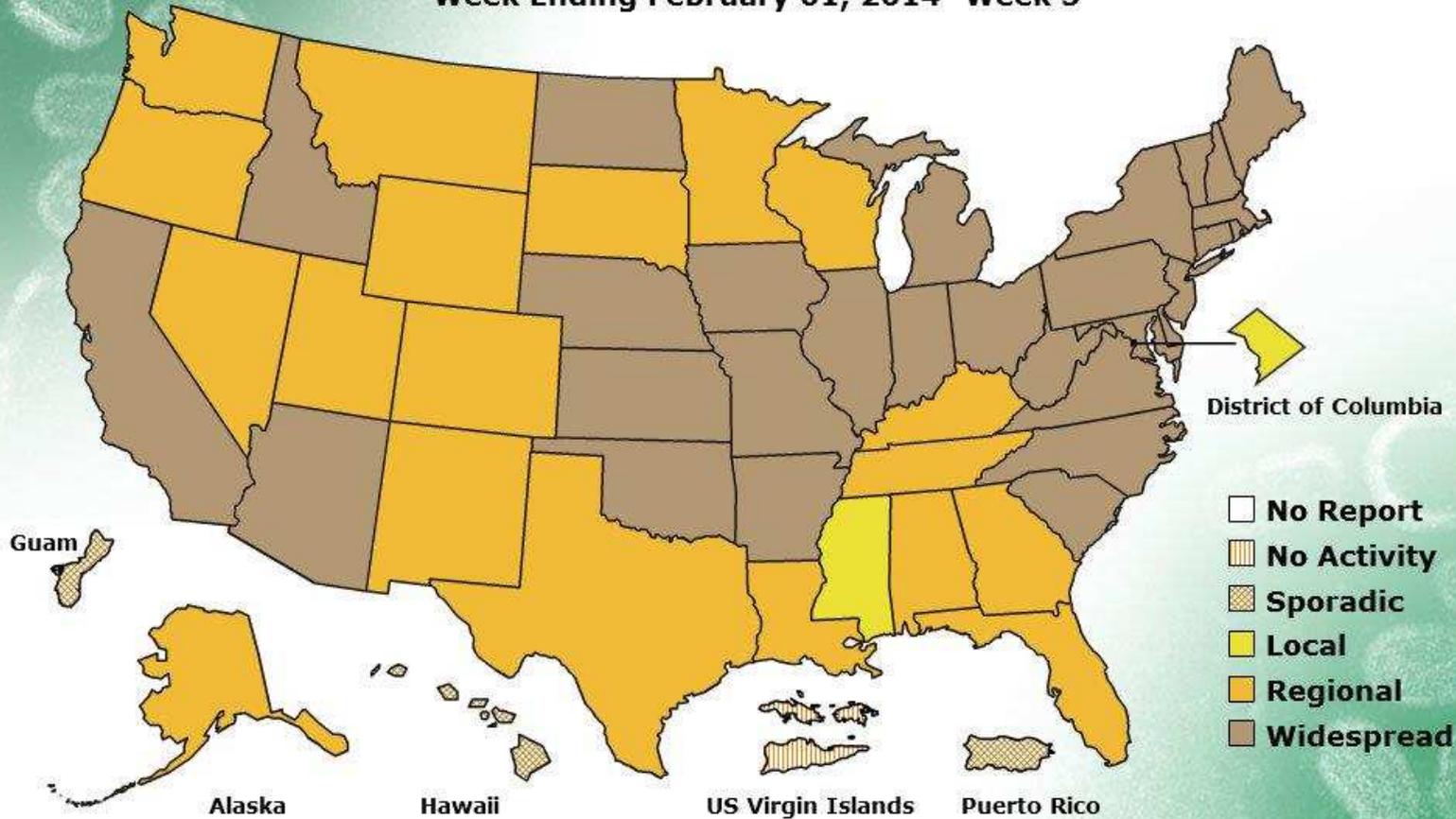
**Locations providing week 5 laboratory data as of 4 February 2014:** Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.

# FLUVIEW



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

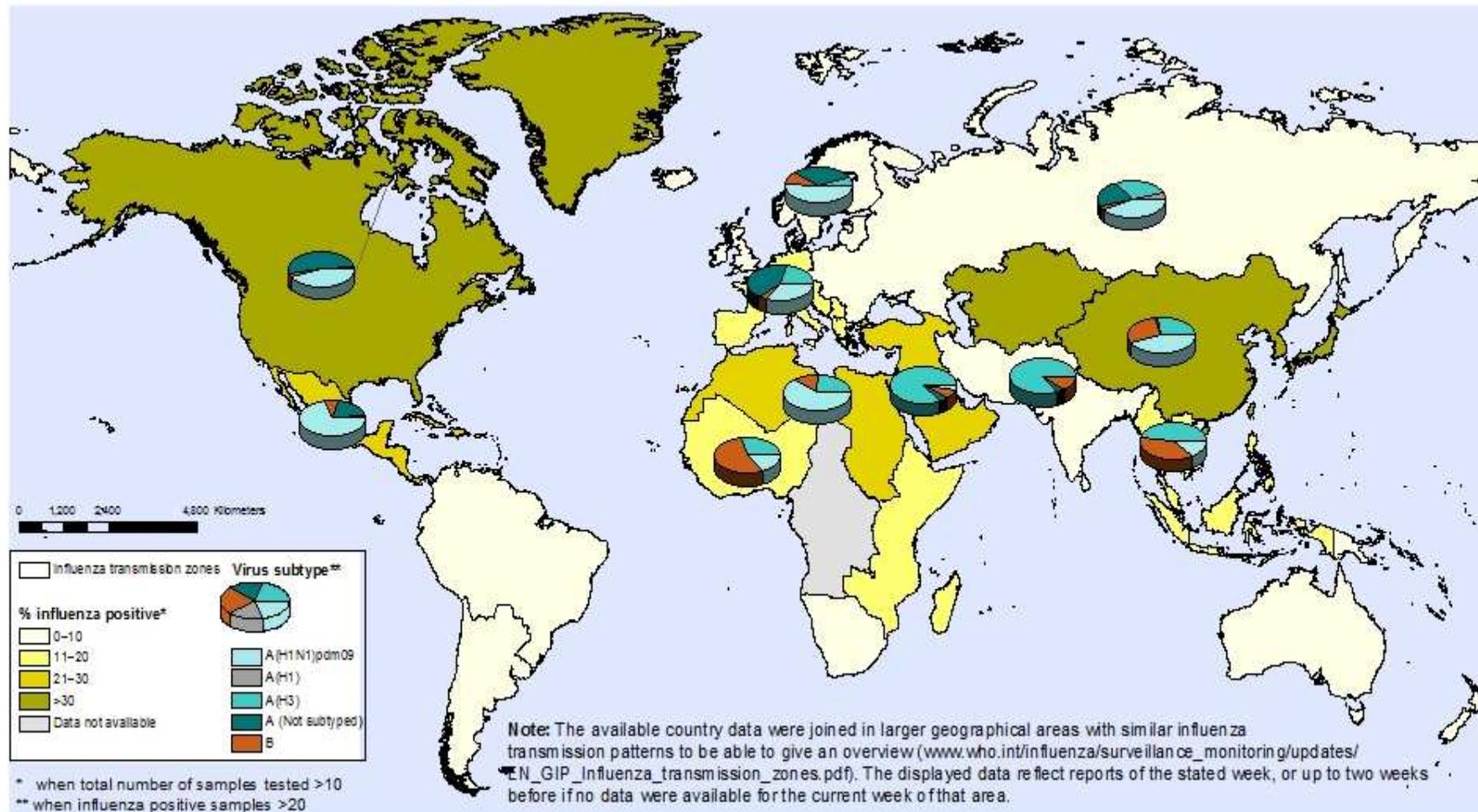
**Week Ending February 01, 2014- Week 5**



**\*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

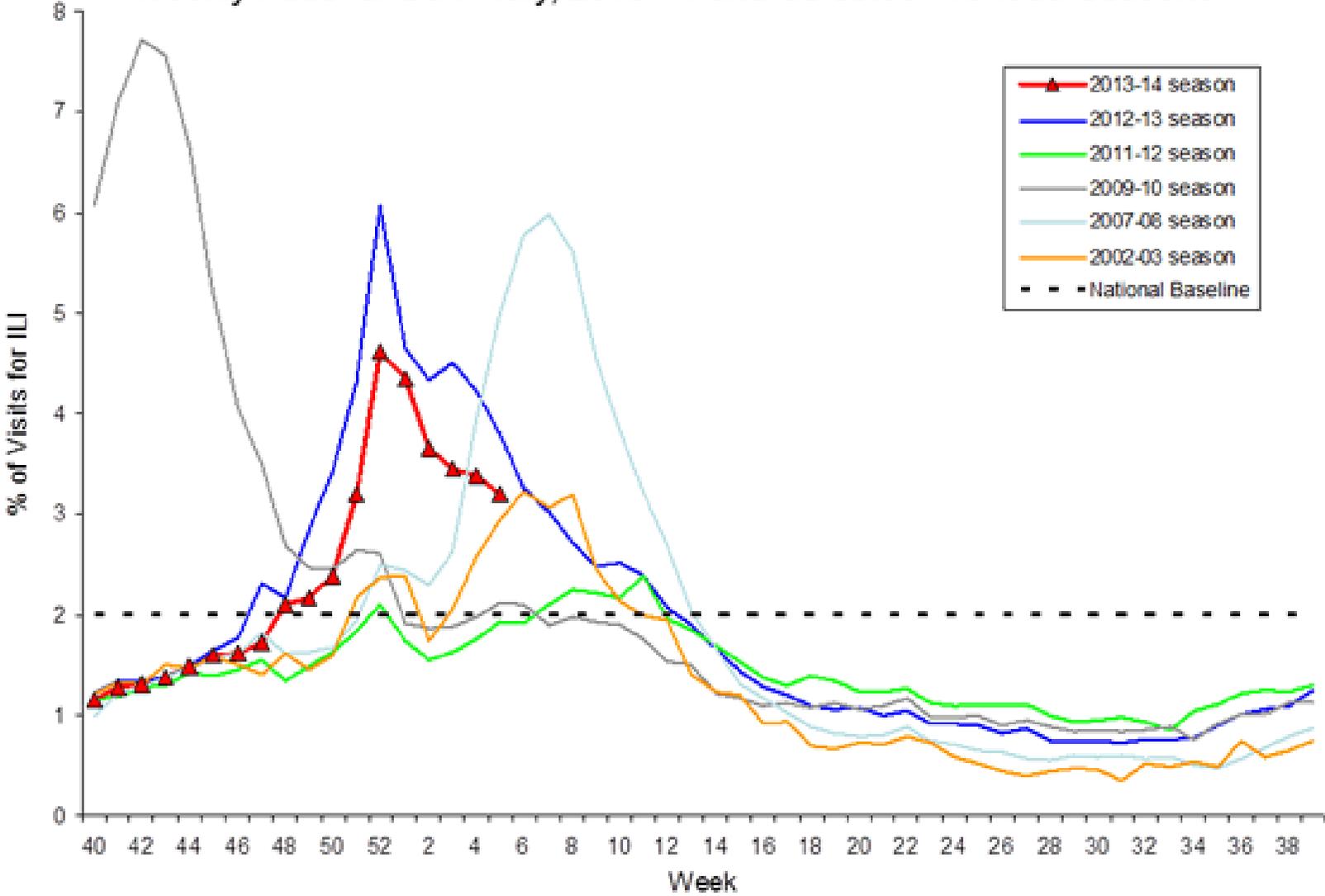
Status as of week 02  
05-11 January 2014



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.

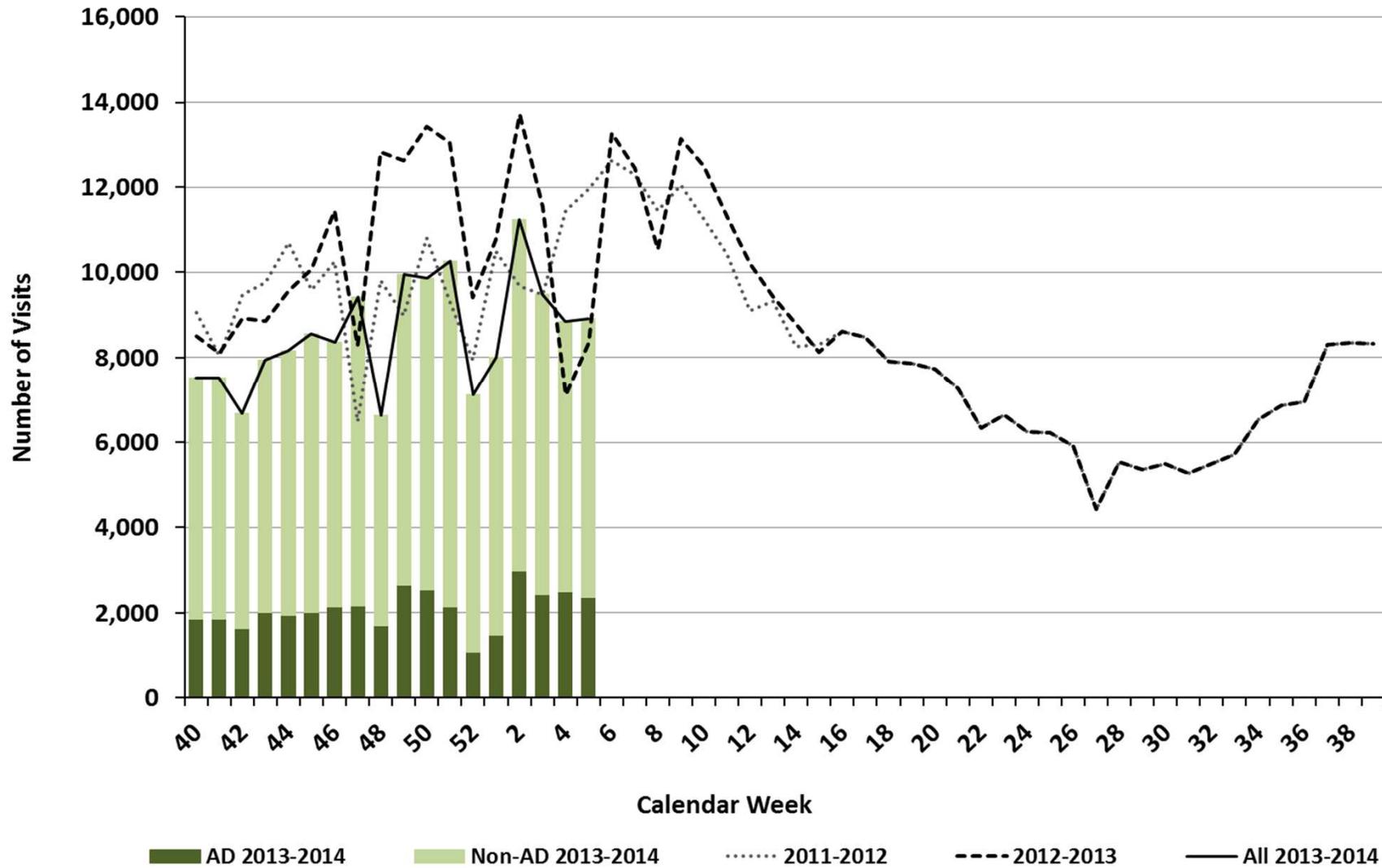
Data Source: WHO/GIP, data in HQ as of 21 January 2014.  
Data used are from FluNet ([www.who.int/fluNet](http://www.who.int/fluNet)), 14:10 UTC snapshot, from WHO regional offices and/or ministry of health websites.

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2013-14 and Selected Previous Seasons



# ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2014



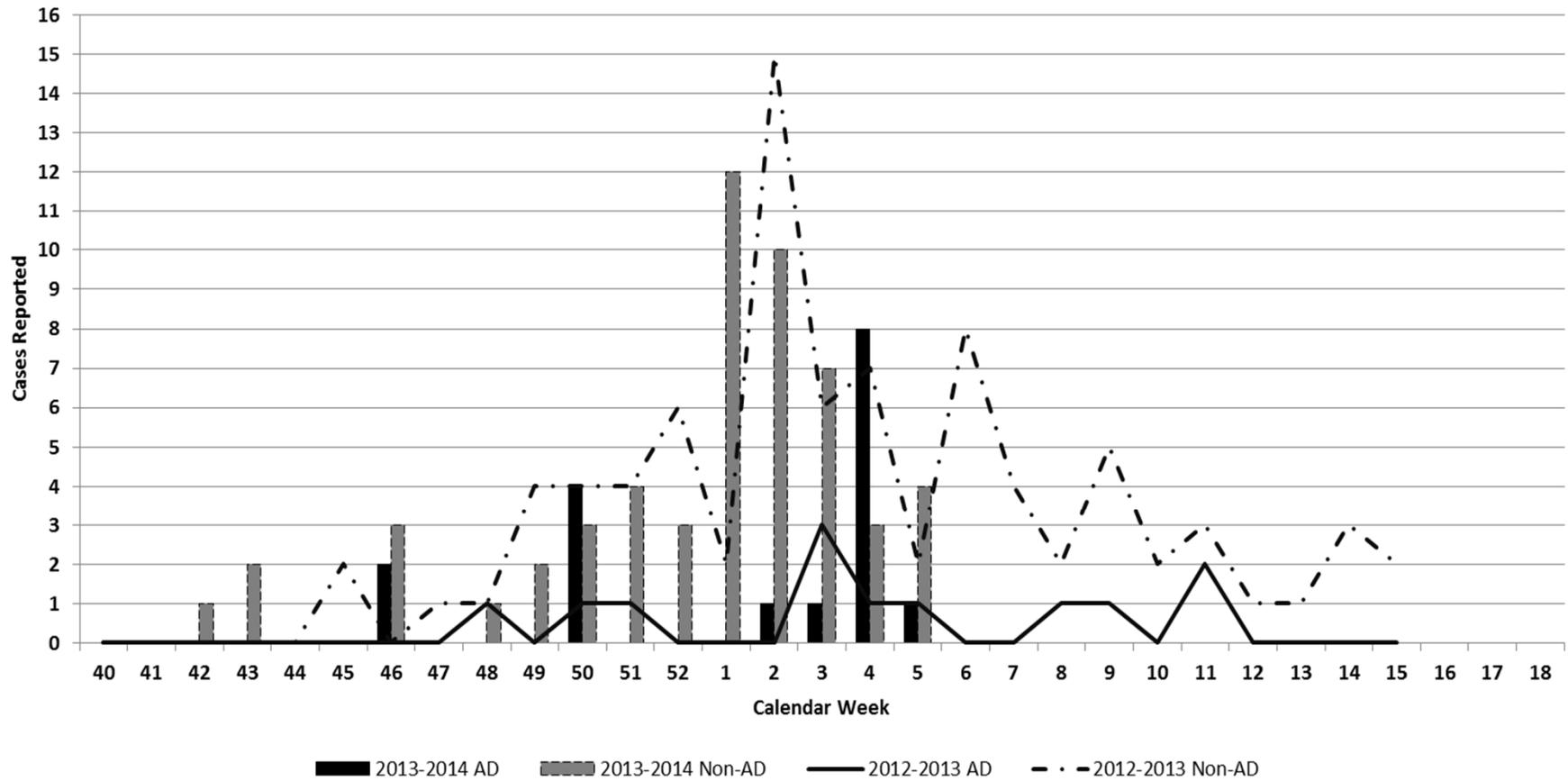
Clinic visits for ILI are obtained from ESSENCE. Data as of 4 February 2014.

### Army MTF Laboratory Results, 2013-14

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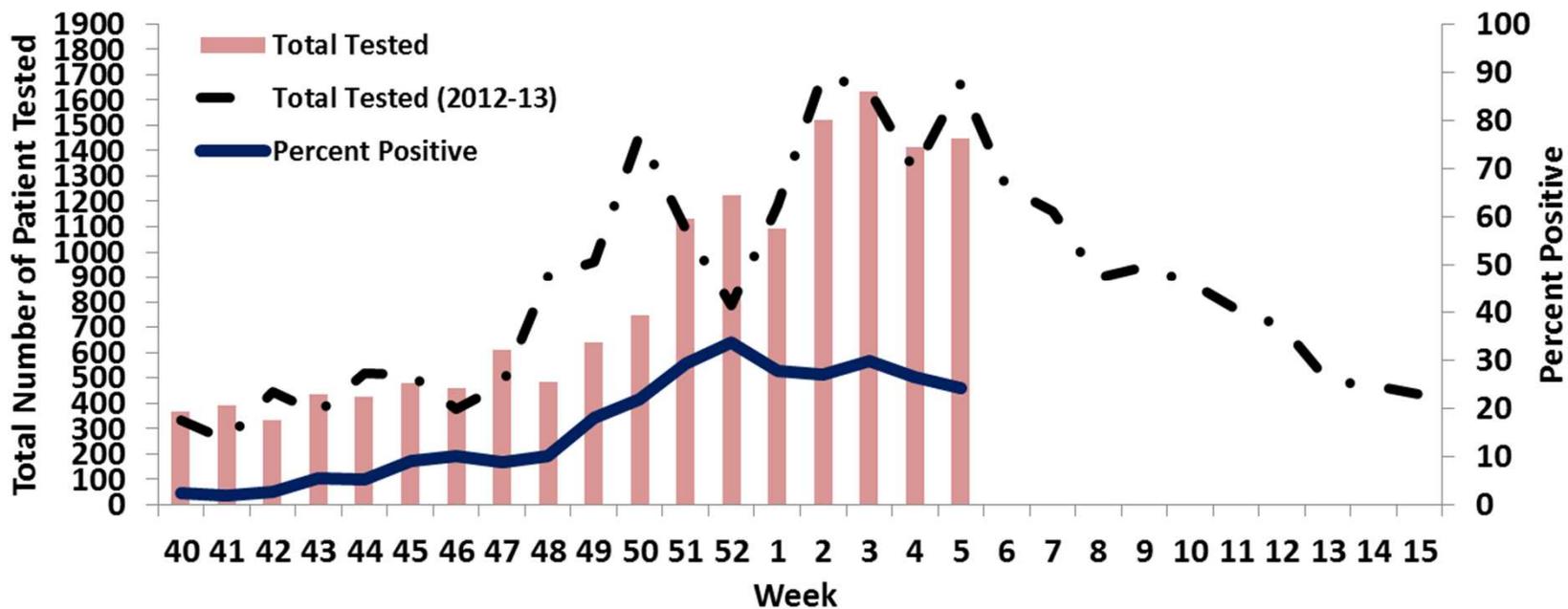


### Army Influenza Cases Reported in DRSi by Week of Symptom Onset



**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 1 February 2014.

Proportion of Positive Influenza A Specimens for U.S. Army 2013-2014



## Positive Respiratory Specimen Results from Army MTFs by Virus, 2013-2014 Influenza Season

