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U.S. Army Influenza Activity Report

Week Ending 18 October 2014 (Week 42)

2014-2015 Seasonal Influenza Vaccination Coverage

As of 22 OCT 2014

36%	DOD
39%	Army Active Duty
29%	Army Guard
23%	Army Reserve

SYNOPSIS: Influenza-like illness (ILI) is low in both Army and civilian populations. All beneficiaries aged 6 months and older should receive this year's influenza vaccine, unless medically exempted.

- **ILI Activity:** Army incident ILI outpatient visits in week 42 were 8.5% lower than the same week last year.
- **Influenza cases:** Zero hospitalized influenza cases were reported to USAPHC through DRSi in week 42. To date, no cases have been reported during this influenza season.
- **Viral specimens:** During week 42, 30 of 431 (7%) laboratory specimens tested positive for respiratory pathogens; 5 of 347 (1.4%) specimens tested for influenza A were positive. WRMC and SRMC reported the most cases, with 2 cases each (40%), followed by PRMC which reported 1 (20%).

Geographic Spread

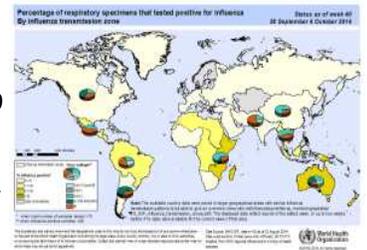


United States

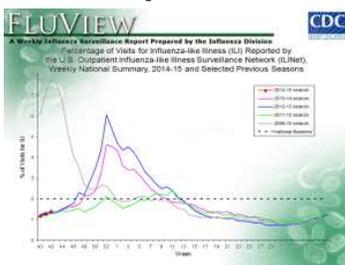
- In week 42, Guam reported widespread influenza activity. Puerto Rico and 5 states reported local activity, while 36 states reported sporadic activity. No influenza activity was reported by the District of Columbia and 9 additional states.

World Health Organization

- Globally, influenza activity remained low, with the exception of some tropical countries in the Americas and some Pacific Islands. In Europe and North America, overall influenza activity remained at inter-seasonal levels.

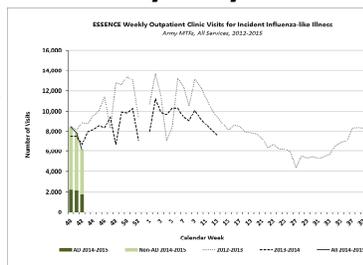


ILI Activity United States



- Nationwide during week 42, 1.4% 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 2.8% across the regions reporting.

ILI Activity Army



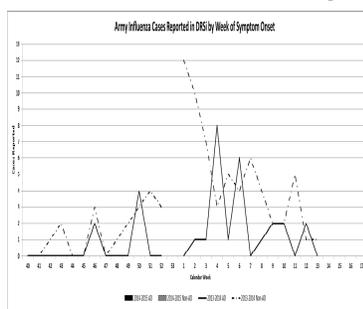
- During week 42, incident ILI activity was 8.5% lower than the same time last year and 31.6% lower than week 42 in 2012-2013.
- AD SMs accounted for 28% of incident ILI clinic visits during week 42; in 2013-2014, AD SMs comprised 25% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	7	8	5		20
Influenza B	1	4	3		8
Adenovirus	6	8	4		18
Enterovirus	0	0	0		0
Parainfluenza	7	4	4		15
RSV	7	16	14		37
Negative	443	363	401		1211
Total Results	471	403	431	0	1309

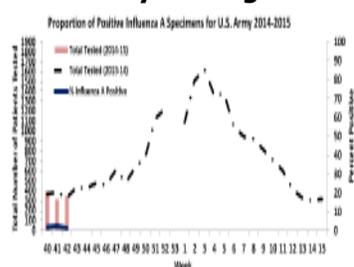
- In week 42, 7% (30) of specimens tested positive.
- Influenza A accounted for 17% of positive specimens.
- RSV accounted for 47% of positive specimens, and adenovirus and parainfluenza each accounted for 13%.
- No positive enterovirus cases were reported.

DRSi Influenza Case Reporting



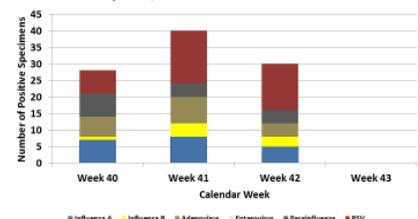
- In week 42, zero cases of influenza-associated hospitalization were reported in DRSi.
- No Army influenza cases have been reported for the 2014-2015 influenza season.
- At the same time last influenza season, one hospitalized influenza case was reported.

Laboratory Testing for Influenza A



- In week 42, five of 347 (1.4%) specimens tested for influenza A were positive. This was a slight decrease from week 41 (2.5%). Four (80%) of the positive influenza A specimens were reported in non-AD personnel.
- WRMC reported 2 (40%) of the total influenza A cases. SRMC reported 2 (40%) positive influenza A specimens, and PRMC reported 1 (20%). NRMC, ERMC, and CENTCOM reported zero cases for week 42.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 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?

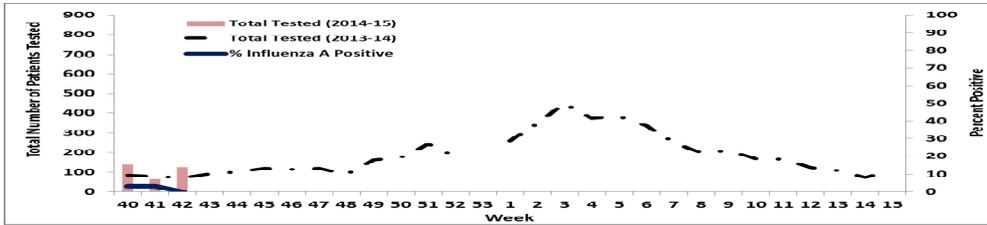
Email USAPHC-DEP
410-417-3774



U.S. Army Influenza Activity Report

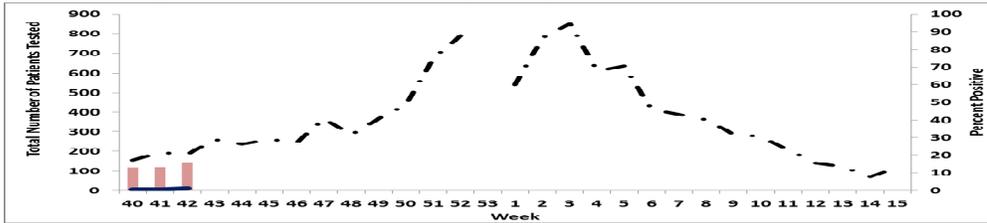
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

Northern Regional Medical Command (NRMC)



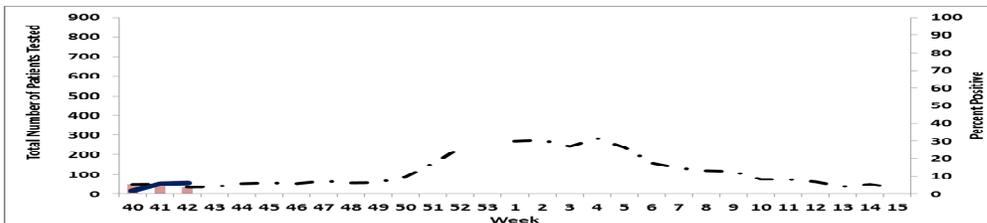
Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	3
18-29	0	0	1
30-39	0	0	0
40-49	0	0	2
50-59	0	0	0
60+	0	0	0
Total	0	0	6

Southern Regional Medical Command (SRMC)



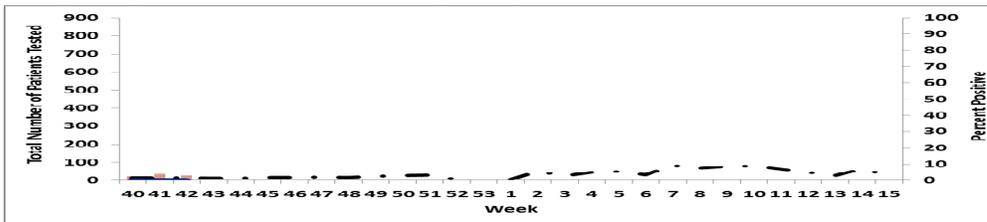
Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	1
18-29	0	0	1
30-39	0	1	1
40-49	0	0	0
50-59	0	0	0
60+	0	0	1
Total	0	2	4

Western Regional Medical Command (WRMC)



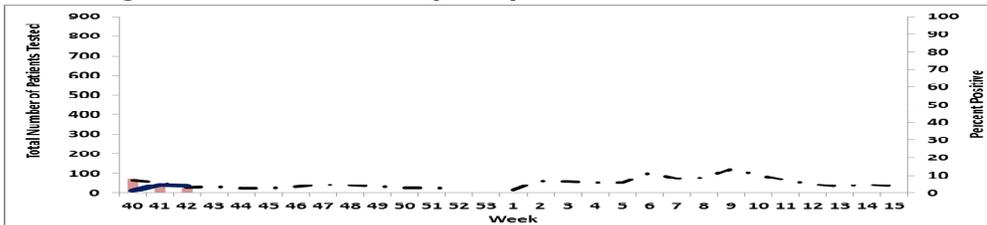
Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	3
18-29	0	0	1
30-39	0	0	1
40-49	1	0	1
50-59	0	0	0
60+	0	0	0
Total	1	1	6

Europe Regional Medical Command (ERMC)



Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	0	0

Pacific Regional Medical Command (PRMC)



Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	1
18-29	0	0	3
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	1	4

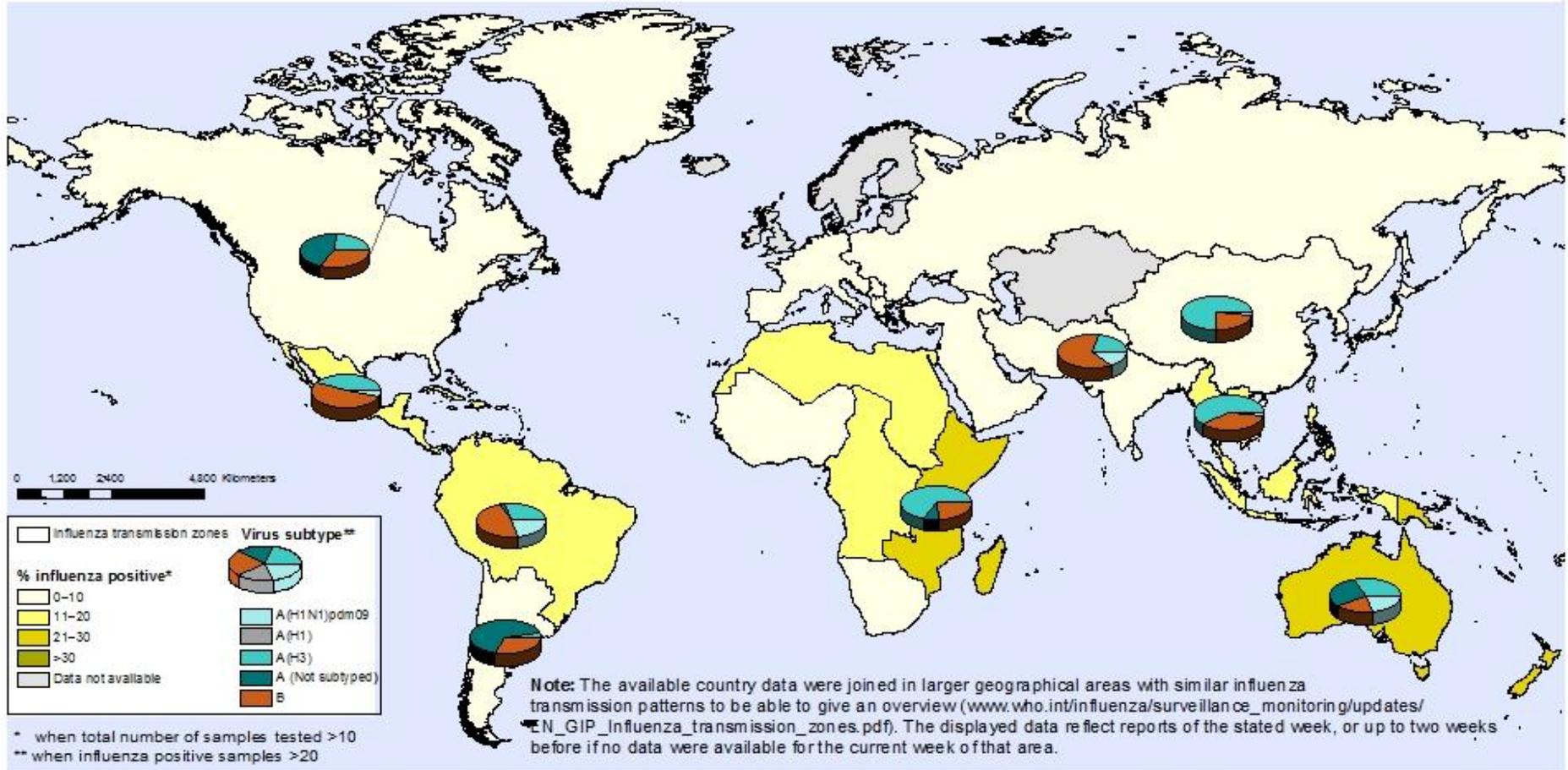
Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD														
NRMC	2	2	1	1	0	0										
SRMC	1	0	0	1	0	2										
WRMC	1	0	1	2	1	1										
ERMC	0	0	0	0	0	0										
PRMC	0	1	0	2	0	1										
CENTCOM	0	0	0	0	0	0										

Locations providing week 42 laboratory data as of 22 October 2014: 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, Tripler, and West Point.

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

Status as of week 40
28 September 4 October 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 22 August 2014.
Data used are from FluNet (www.who.int/flu-net), 08:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.



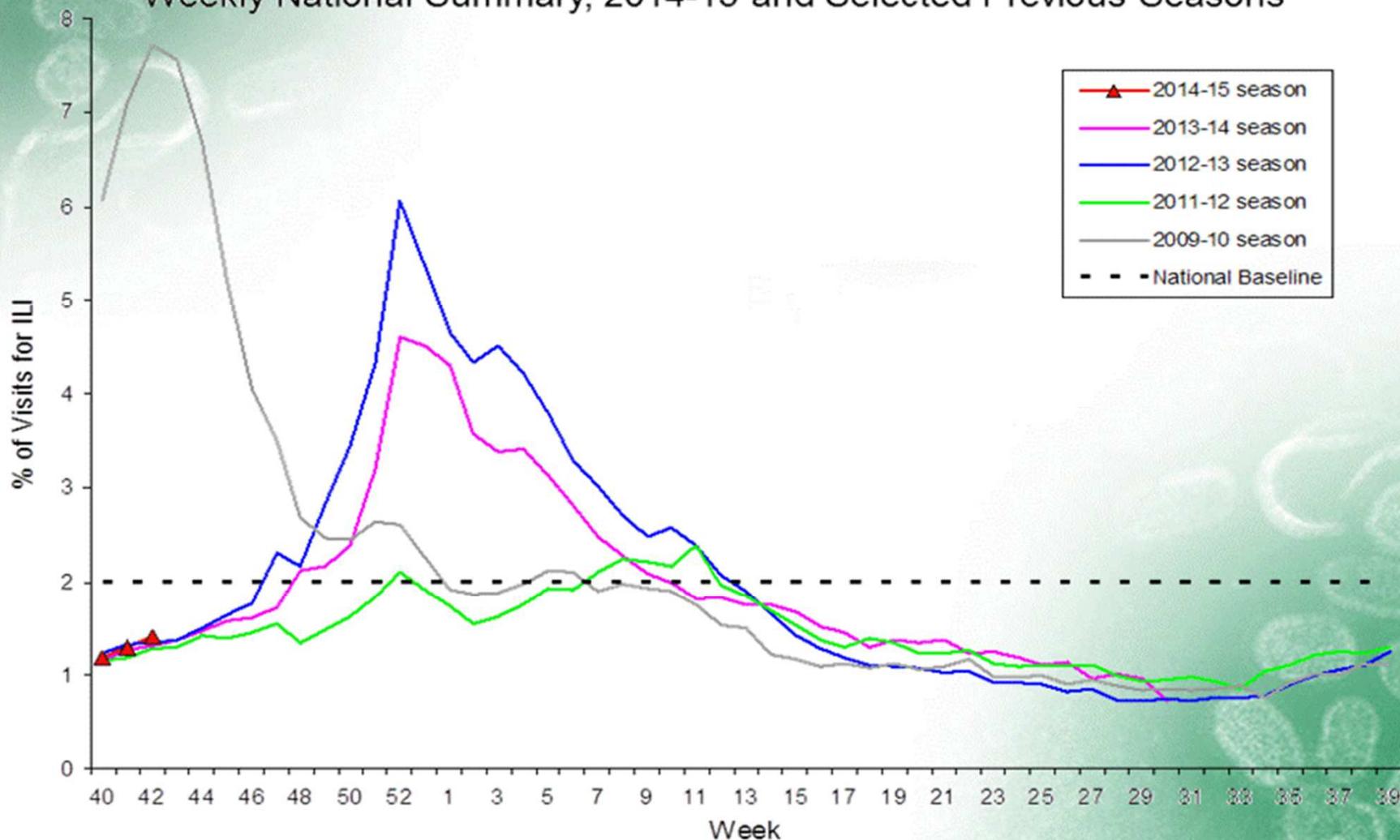
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FLUVIEW



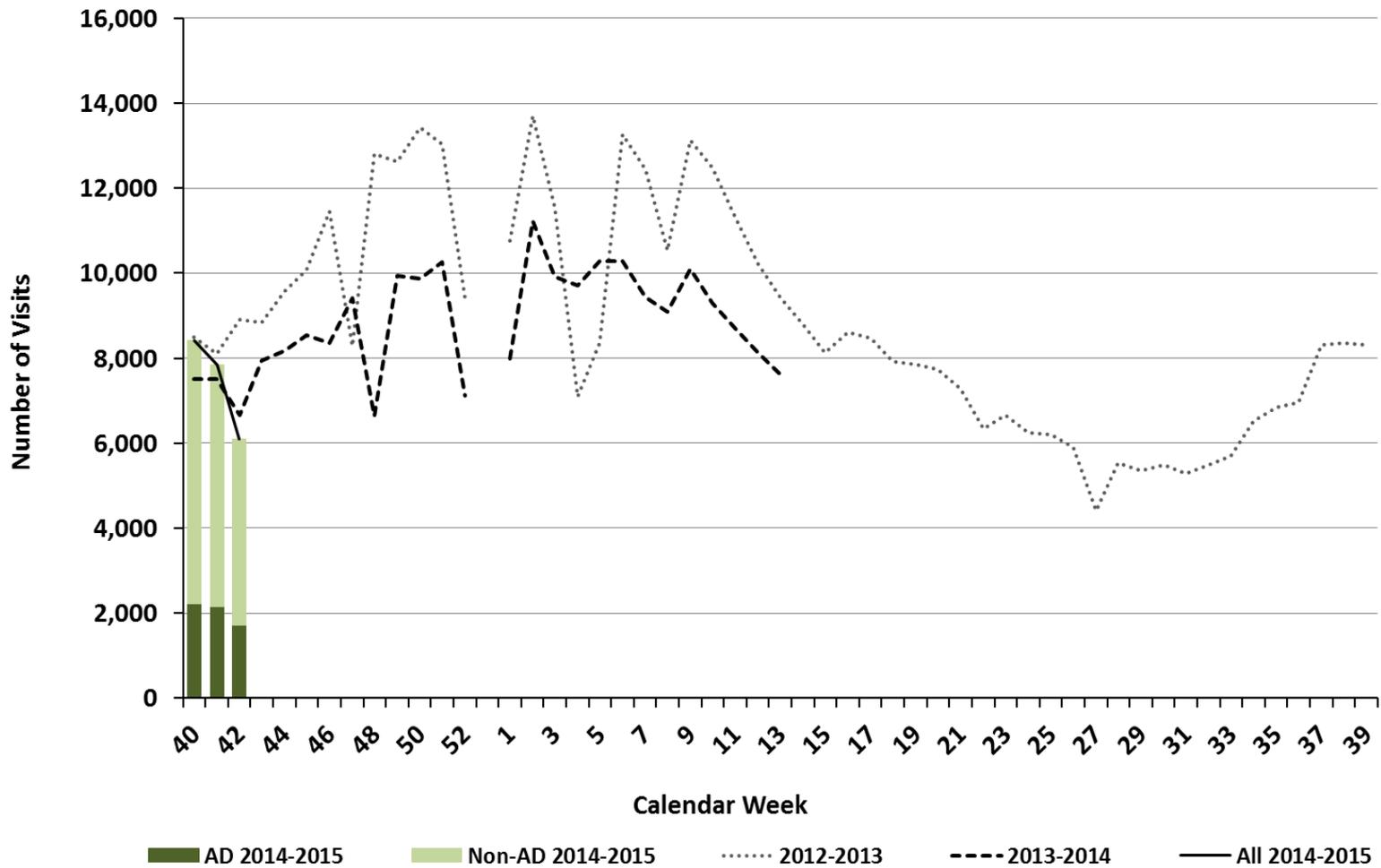
A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

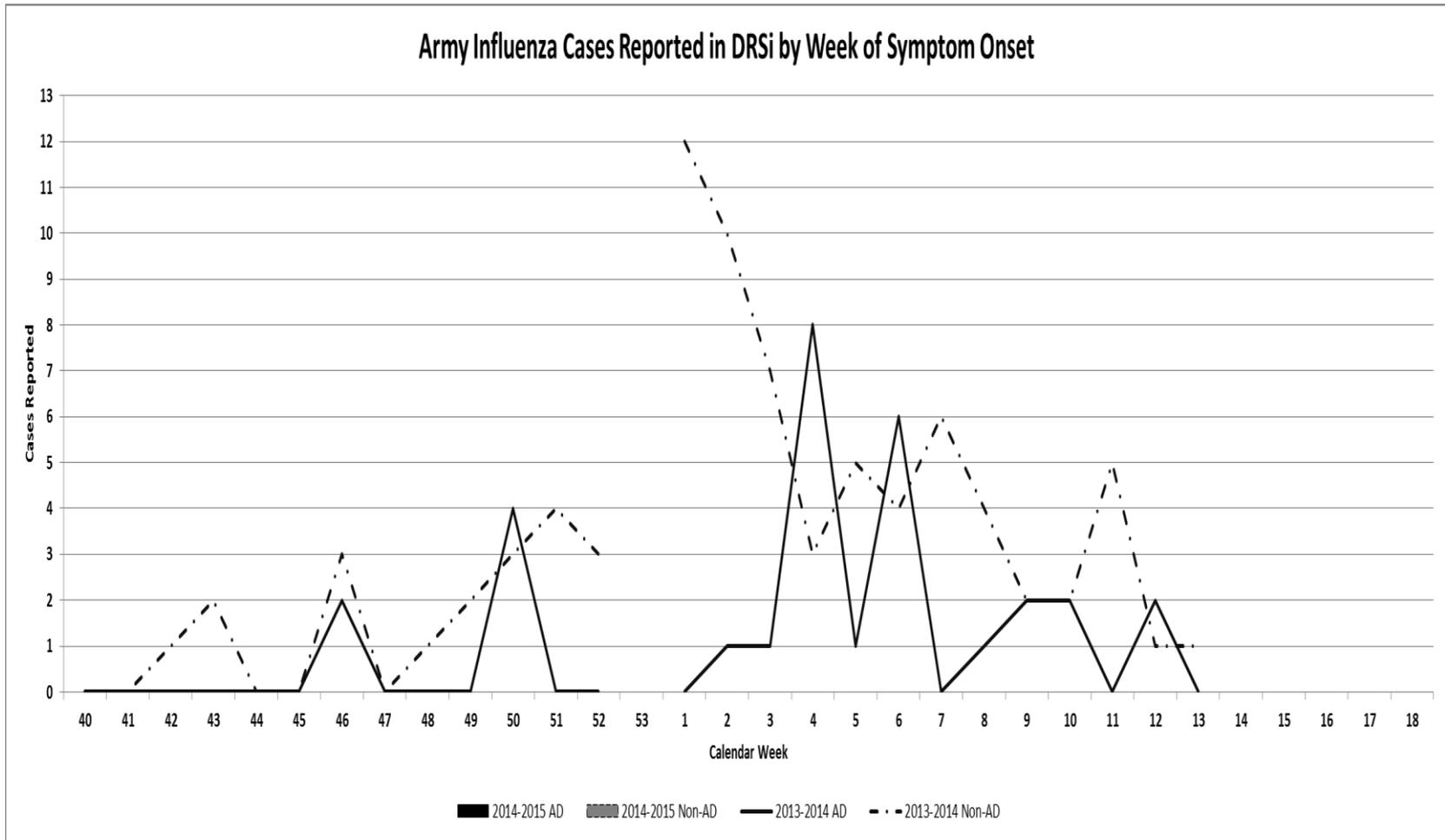
Army MTFs, All Services, 2012-2015



Clinic visits for ILI are obtained from ESSENCE. Data as of 22 October 2014.

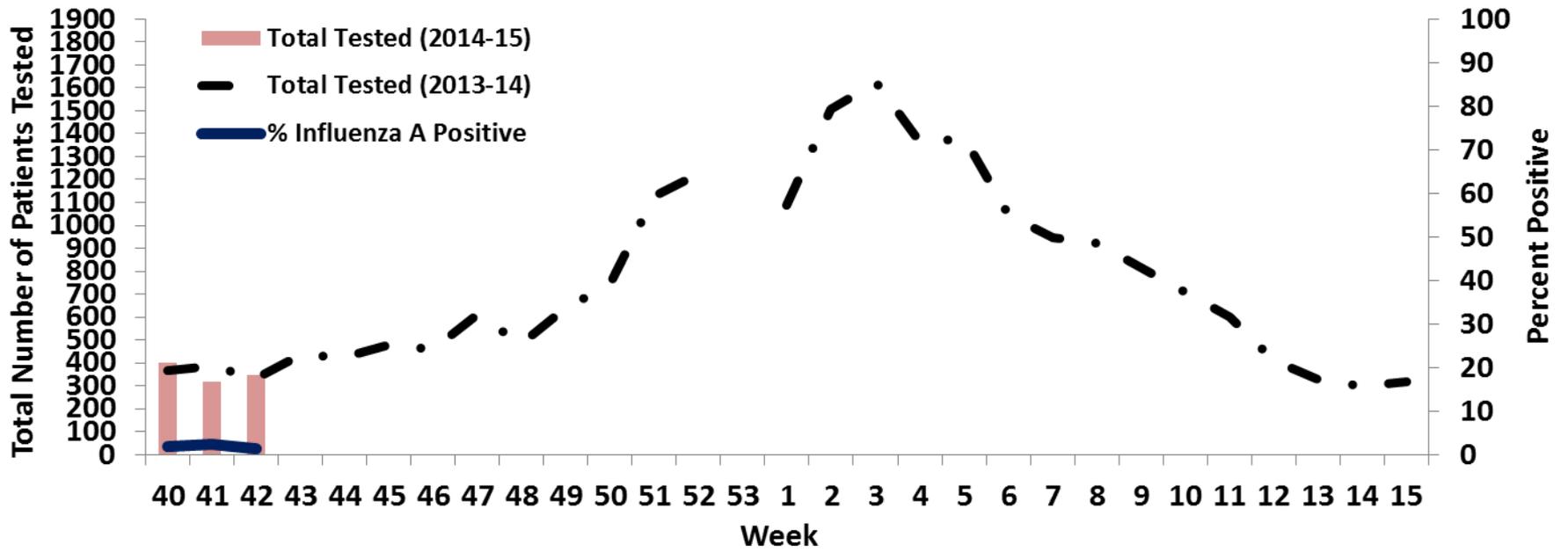
Army MTF Laboratory Results, 2013-14

Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	7	8	5		20
Influenza B	1	4	3		8
Adenovirus	6	8	4		18
Enterovirus	0	0	0		0
Parainfluenza	7	4	4		15
RSV	7	16	14		37
<i>Negative</i>	443	363	401		1211
Total Results	471	403	431	0	1309



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 22 October 2014.

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

