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U.S. Army Influenza Activity Report

Week Ending 02 November 2013 (Week 44)

2013-2014 Seasonal Influenza Vaccination Coverage

As of 05 NOV 2013

62%	DOD
71%	Army Active Duty
33%	Army Guard
25%	Army Reserve

SYNOPSIS: With the exception of the Southeast region of the country, where activity is slightly elevated, overall influenza-like illness (ILI) activity remains low in both Army and civilian populations nationwide.

- **ILI Activity:** Army incident ILI outpatient visits in week 44 were 12% lower than for the same week last year.
- **Influenza cases:** Zero hospitalized influenza cases were reported to USAPHC in week 44; three cases have been reported to date during this influenza season for Army MTFs.
- **Viral specimens:** During week 44, 98 of 580 (17%) laboratory specimens tested were positive for respiratory pathogens. RSV accounted for 35% of positive specimens. The majority of influenza A-positive specimens were submitted by MTFs in SRMC.
- **Army Vaccination Rates:** Army (COMPO 1) compliance in week 44: USAREUR 95%, MEDCOM 88%, TRADOC 75%, USARPAC 74%, FORSCOM 67%, USARSO 46%.

Geographic Spread

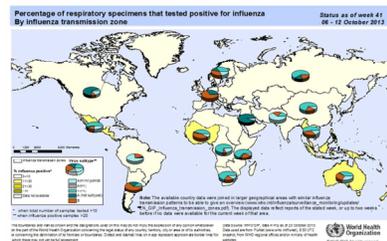


United States

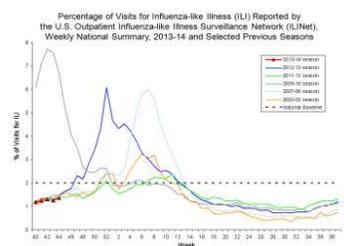
- During week 44, 34 states, the District of Columbia, and Guam reported sporadic influenza activity. Local or regional activity was reported by 6 states and Puerto Rico. 10 states did not report influenza activity.

Global

- FluID, WHO's global platform for data sharing that links influenza epidemiological data into a single global database, is in an early rollout phase. This tool facilitates tracking of global trends, spread, and impact of influenza.

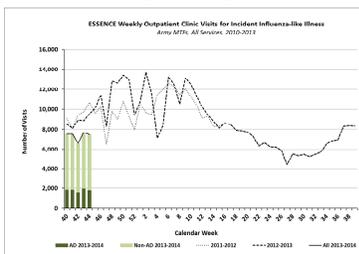


ILI Activity United States



- For week 44, 1.4% of outpatient visits reported through ILINet were due to ILI, which is below the national baseline of 2.0%.
- All 10 regions reported a proportion of outpatient visits for ILI below their specific baselines.
- The percentage of ILI outpatient visits ranged from 0.4 to 2.6% across regions.

ILI Activity Army



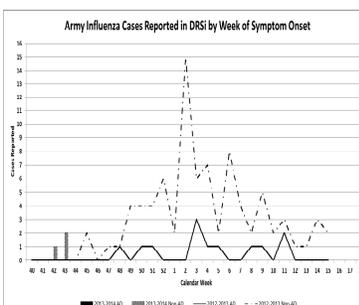
- During week 44, incident ILI activity was 21% lower than at the same time last year and 3% lower than during the 2011-2012 season.
- Active Duty (AD) Service Members (SMs) accounted for 24% of incident ILI clinic visits during week 44; in 2012-2013, AD SMs comprised 27% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2013-14					
Test Result	Week 41	Week 42	Week 43	Week 44	Season Total
Influenza A	7	9	24	23	537
Influenza B	0	2	3	1	239
Adenovirus	2	7	1	7	25
Enterovirus	0	0	0	0	0
Parainfluenza	15	17	15	33	145
RSV	12	18	25	34	542
Negative	446	409	502	482	18040
Total Results	482	462	570	580	2094

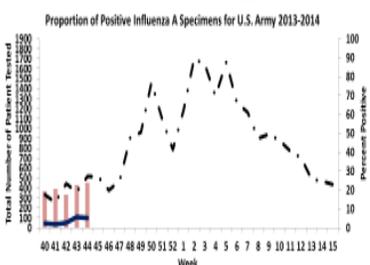
- 17% (98) of respiratory specimens were positive during week 44.
- RSV accounted for 35% of positive specimens. Parainfluenza accounted for 34% of positive specimens, influenza A for 23%, and adenovirus for 7%.
- Influenza B accounted for 1% of positive specimens.

DRSi Influenza Case Reporting



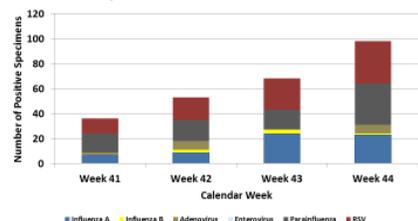
- In week 44, there were zero reports of influenza-associated hospitalization.
- Three hospitalized influenza cases have been reported since the beginning of this influenza season for Army MTFs.
- At the same time last influenza season, zero hospitalized influenza cases were reported.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 44 (5%) remained stable from week 43 (5%).
- 20 of the 23 (87%) positive influenza A specimens in week 44 were from non-AD personnel.
- 15 (65%) of the 23 positive specimens were from SRMC. NRMC reported 5 (22%) positive influenza A specimens, and PRMC reported 3 (13%).
- ERMC and WRMC did not report any positive influenza A specimens.

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

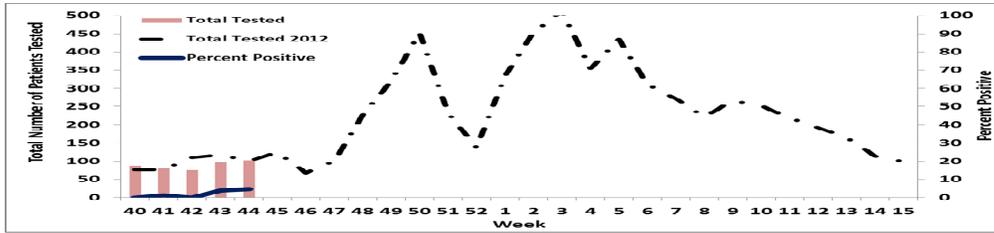
Questions?

Email USAPHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

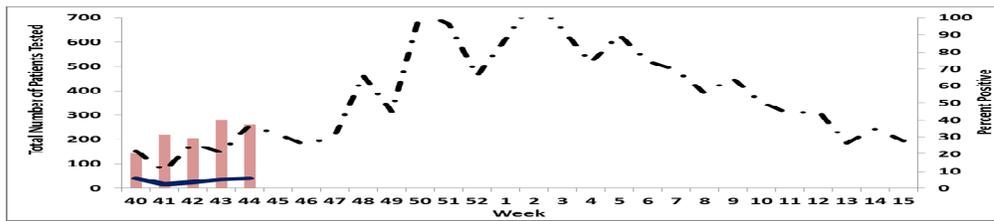
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-14 as Compared to 2012-2013

Northern Regional Medical Command (NRMC)



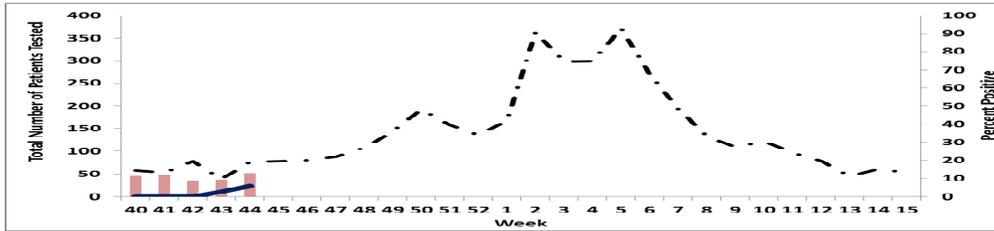
Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	3
18-29	0	0	1
30-39	0	0	0
40-49	1	0	2
50-59	0	0	0
60+	0	2	4
Total	1	4	10

Southern Regional Medical Command (SRMC)



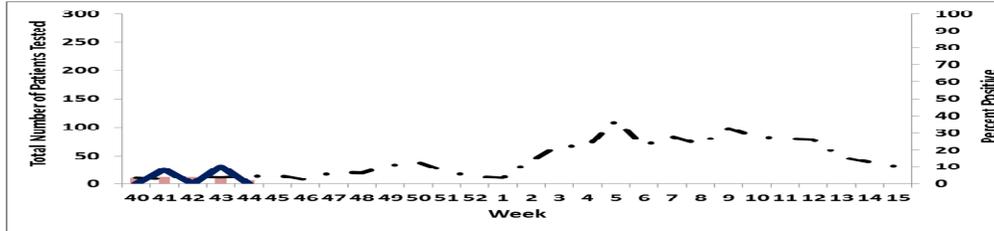
Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	7	24
18-29	1	3	8
30-39	0	2	8
40-49	0	0	3
50-59	1	1	2
60+	0	0	3
Total	2	13	48

Western Regional Medical Command (WRMC)



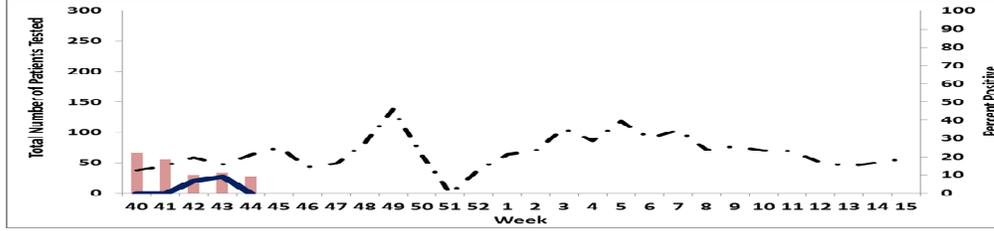
Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	1
18-29	0	2	2
30-39	0	0	1
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	3	4

European Regional Medical Command (ERMC)



Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	1
40-49	0	0	1
50-59	0	0	0
60+	0	0	0
Total	0	0	2

Pacific Regional Medical Command (PRMC)



Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	1
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	2
Total	0	0	5

Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD														
NRMC	0	0	0	1	0	0	1	3	1	4						
SRMC	0	8	1	3	1	6	2	12	2	13						
WRMC	0	0	0	0	0	0	0	1	0	3						
ERMC	0	0	1	0	0	0	0	1	0	0						
PRMC	0	0	0	0	0	2	0	3	0	0						
CENTCOM	0	0	0	0	0	0	0	0	0	0						

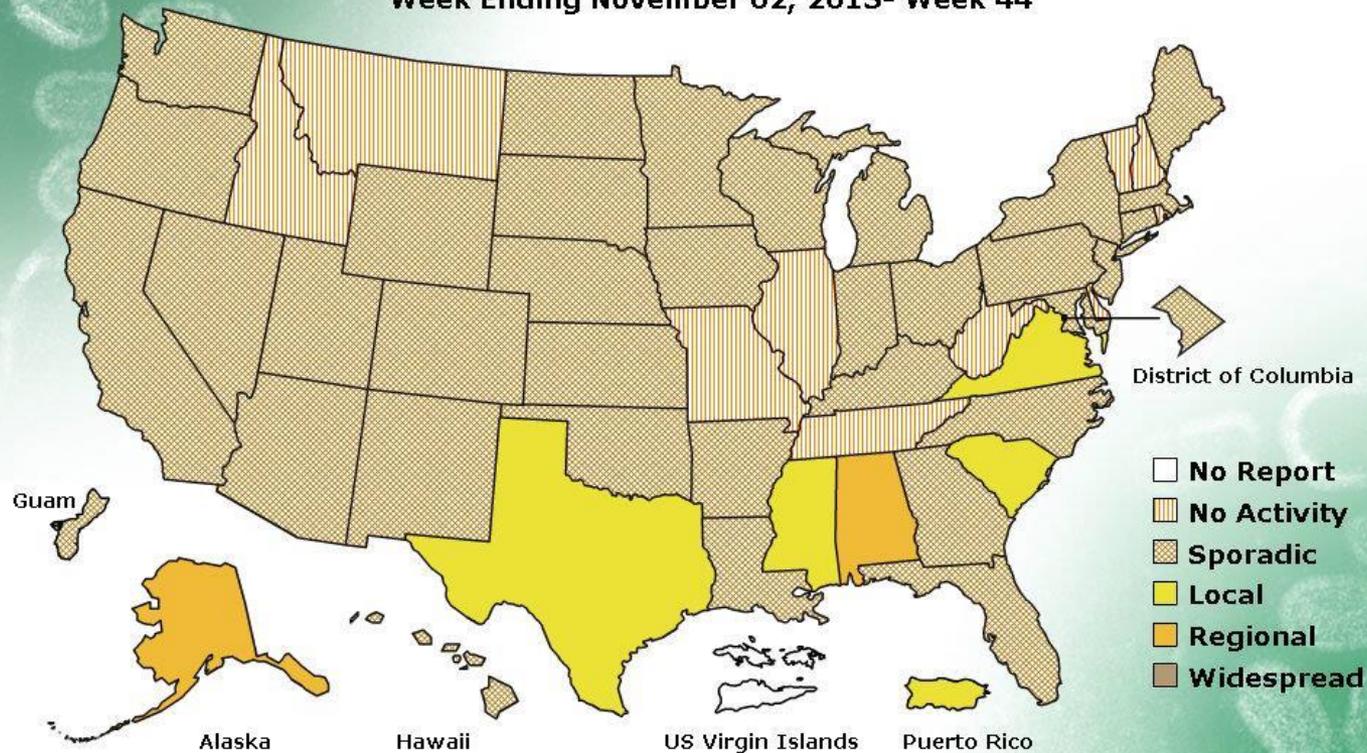
Locations providing week 44 laboratory data as of 02 November 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam 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*

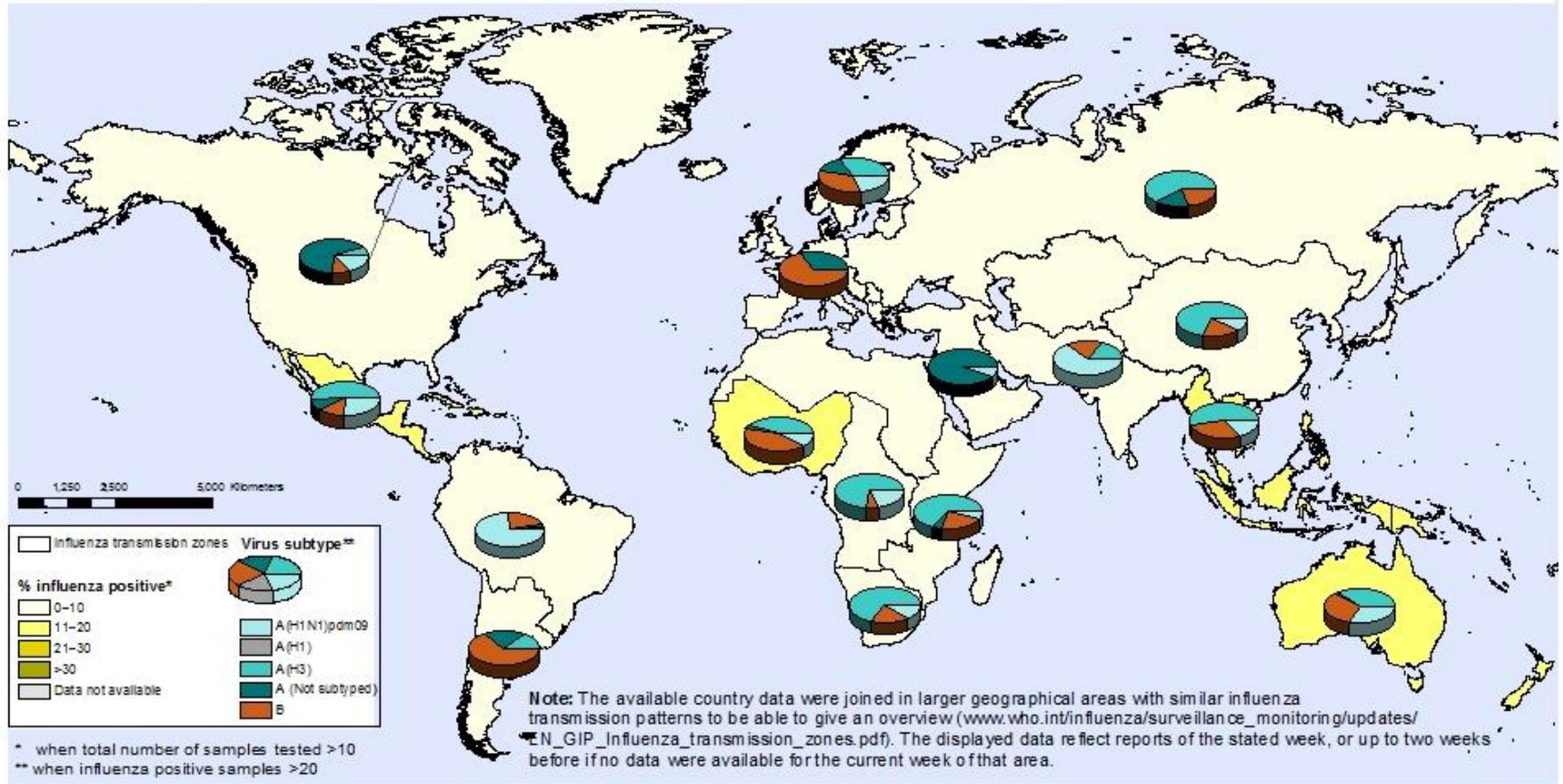
Week Ending November 02, 2013- Week 44



*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 41
06 - 12 October 2013



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.

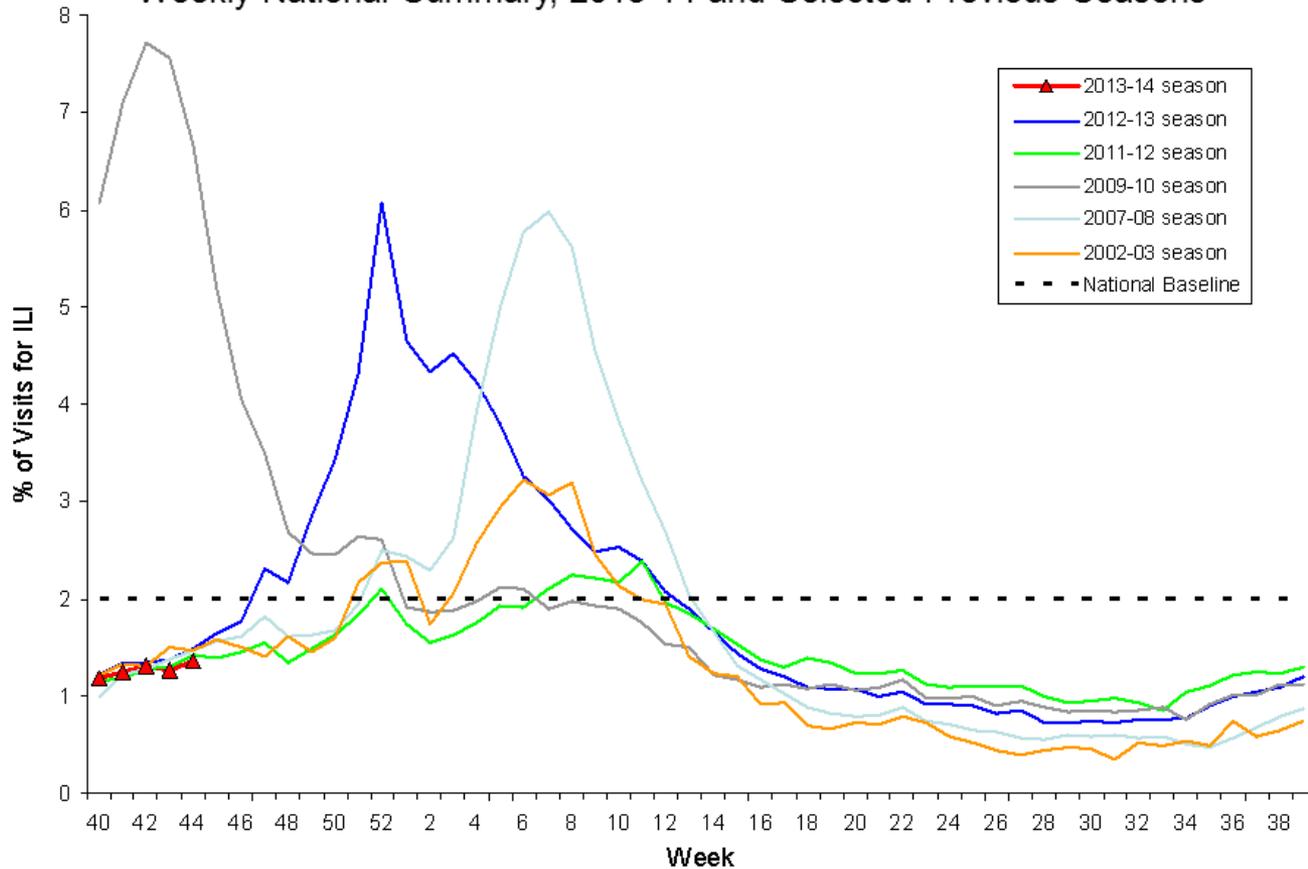
Data Source: WHO/GIP, data in HQ as of 23 October 2013
Data used are from FluNet (www.who.int/flu-net), 8:30 UTC snapshot, from WHO regional offices and/or ministry of health websites.



http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html

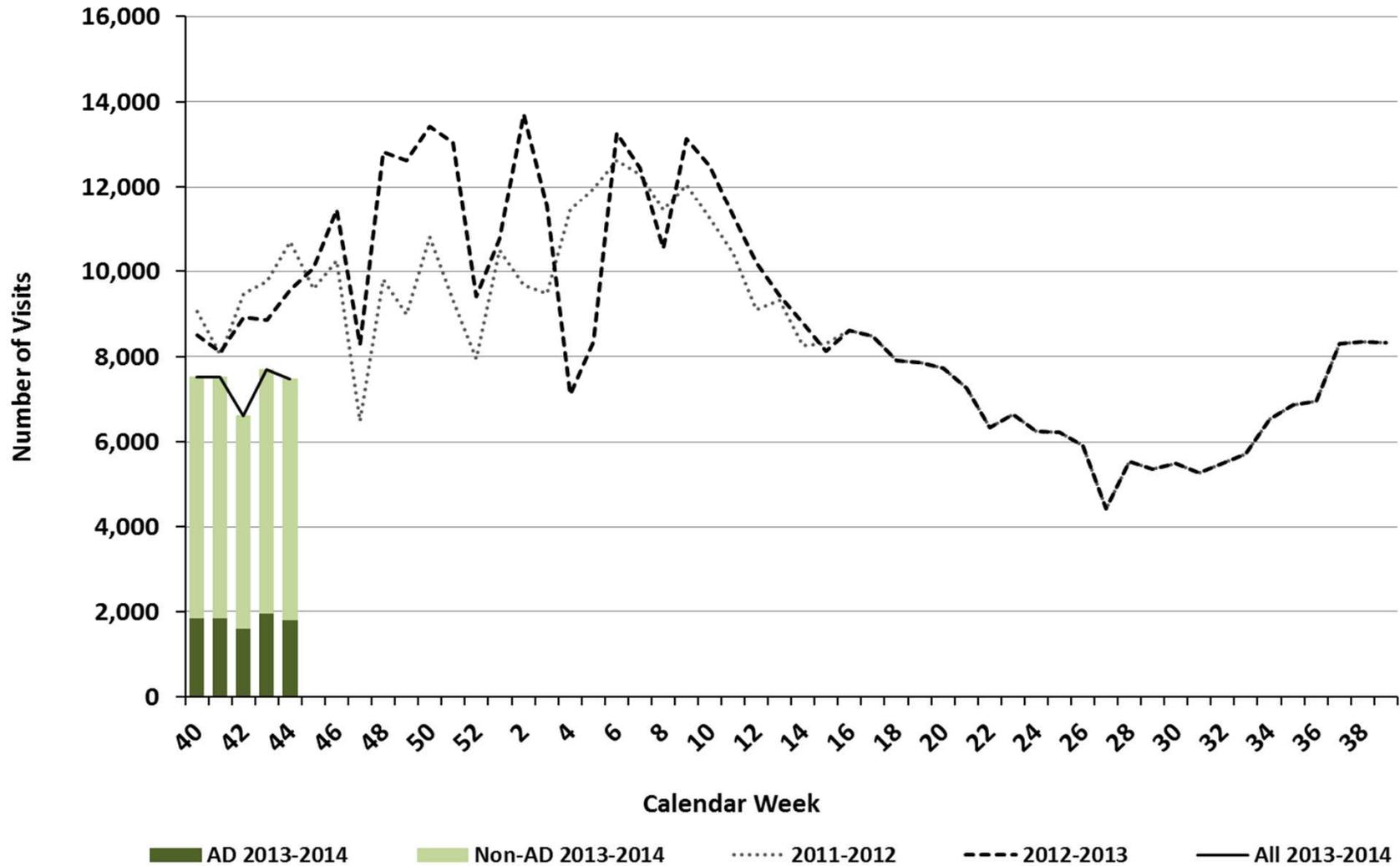
http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html

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

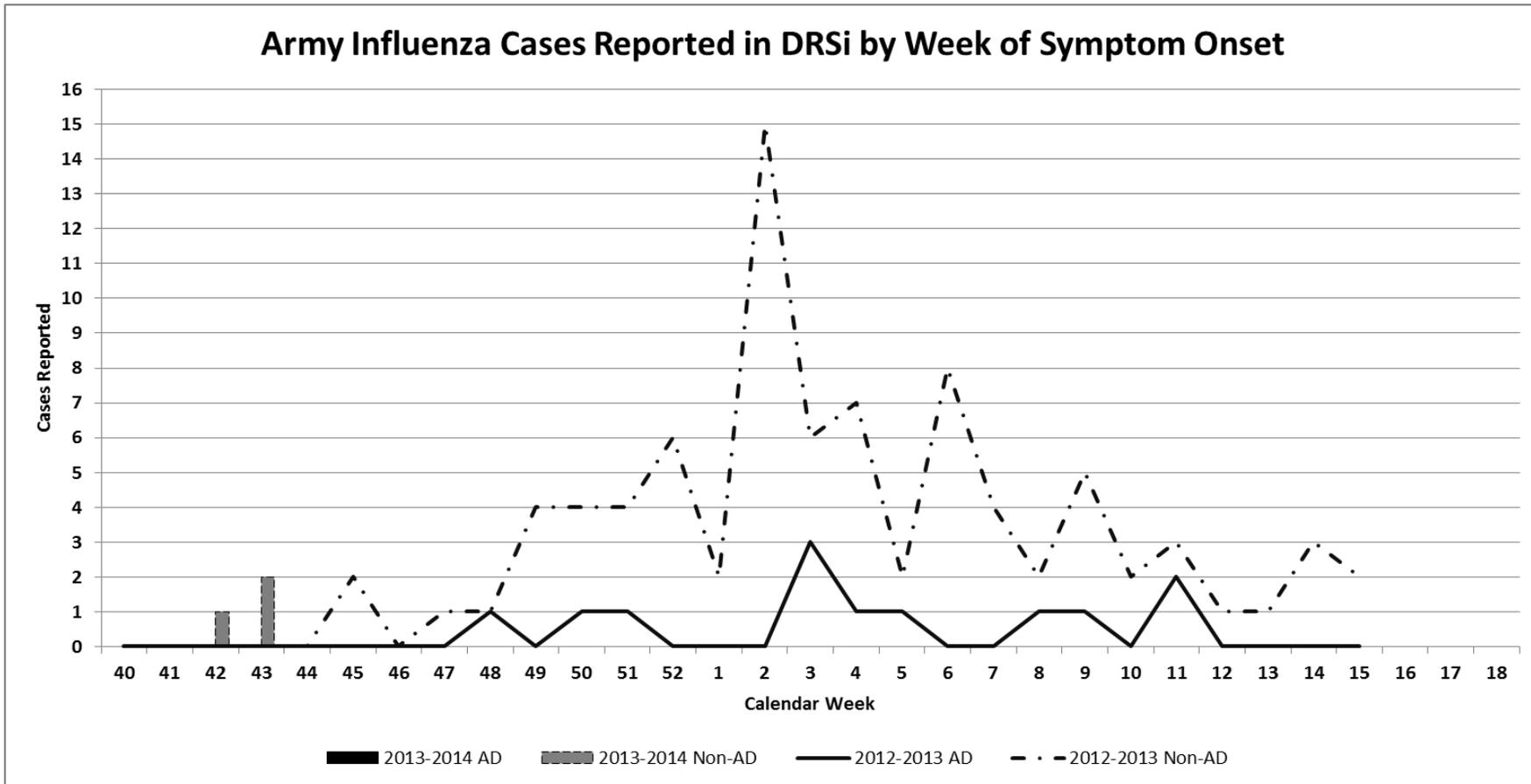
Army MTFs, All Services, 2010-2013



Clinic visits for ILI are obtained from ESSENCE. Data as of 6 November 2013.

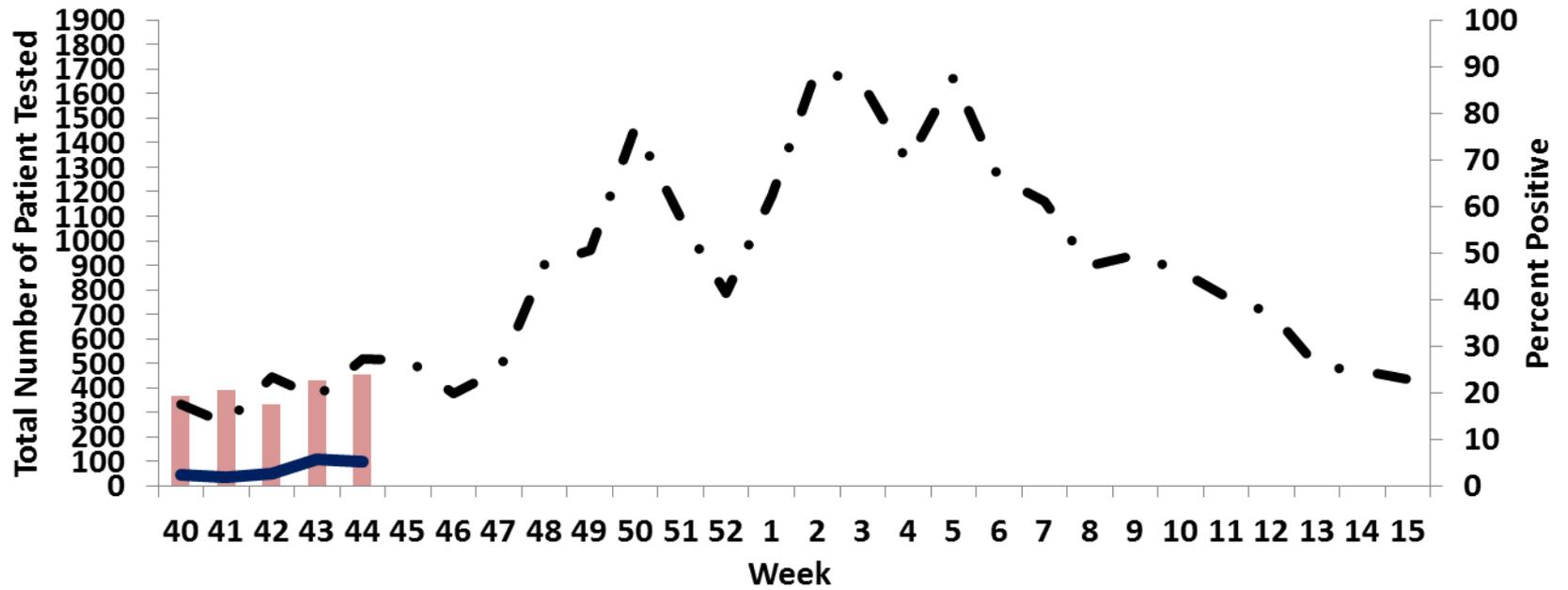
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Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
 Data as of 30 October 2013.

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

